

**Supplemental Table 7. All DEGs by cluster in the blood B cell scRNA-Seq dataset for ATRA-treated B cells.** Log2FC values represent the change in expression for the gene of interest in ATRA-treated B cells when compared to untreated B cells from all 8 allo-HCT patients combined, 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>VPREB3</i>	3.239544	0.091617	35.359826	< 2.22e-16	< 2.22e-16
<i>AHI1</i>	1.715068	0.138638	12.370799	< 2.22e-16	< 2.22e-16
<i>PLAAT4</i>	2.070436	0.176793	11.711066	< 2.22e-16	< 2.22e-16
<i>RRBP1</i>	1.952289	0.168521	11.584832	< 2.22e-16	< 2.22e-16
<i>DUS2</i>	1.59709	0.151949	10.510684	< 2.22e-16	< 2.22e-16
<i>CD38</i>	3.185154	0.336321	9.470584	< 2.22e-16	< 2.22e-16
<i>DENND6B</i>	2.261815	0.245054	9.22987	< 2.22e-16	< 2.22e-16
<i>CD1D</i>	3.322237	0.371023	8.954262	< 2.22e-16	5.40E-16
<i>SLC12A4</i>	2.522336	0.289223	8.721086	< 2.22e-16	3.87E-15
<i>DPEP2</i>	1.010012	0.121526	8.311097	< 2.22e-16	1.20E-13
<i>RARA.AS1</i>	2.080188	0.261336	7.95983	1.72E-15	1.98E-12
<i>LCAT</i>	2.443899	0.311124	7.855068	4.00E-15	4.21E-12
<i>AGO1</i>	1.045363	0.13458	7.767574	8.00E-15	7.78E-12
<i>RAB37</i>	1.342816	0.176705	7.599198	2.98E-14	2.69E-11
<i>VPREB1</i>	4.622933	0.622501	7.426388	1.12E-13	9.40E-11
<i>MRPS6</i>	0.957351	0.131557	7.277101	3.41E-13	2.69E-10
<i>C16orf54</i>	1.165205	0.162778	7.158264	8.17E-13	6.07E-10
<i>SLC5A3</i>	1.030773	0.148455	6.943318	3.83E-12	2.69E-09
<i>P2RX5</i>	1.038367	0.15263	6.803172	1.02E-11	6.81E-09
<i>SIGIRR</i>	0.78388	0.117274	6.684187	2.32E-11	1.47E-08
<i>RMDN2</i>	1.974119	0.296347	6.661511	2.71E-11	1.63E-08
<i>PNOC</i>	1.665266	0.250408	6.65021	2.93E-11	1.68E-08
<i>AGPAT5</i>	0.888394	0.135542	6.55438	5.59E-11	3.07E-08
<i>FAM3C</i>	0.801948	0.123515	6.492692	8.43E-11	4.44E-08
<i>MPEG1</i>	1.614321	0.25443	6.344853	2.23E-10	1.13E-07
<i>SEPTIN9</i>	0.568186	0.090558	6.274284	3.51E-10	1.71E-07
<i>FCRL1</i>	1.113825	0.182636	6.098604	1.07E-09	5.01E-07
<i>GPX1</i>	0.568352	0.093355	6.088055	1.14E-09	5.16E-07
<i>GRN</i>	0.862574	0.142076	6.071216	1.27E-09	5.53E-07
<i>MS4A1</i>	-0.60819	0.100407	-6.05726	1.38E-09	5.83E-07
<i>MAPKAPK2</i>	1.028439	0.178178	5.771964	7.84E-09	3.19E-06
<i>P2RX5.TAX1BP3</i>	1.623417	0.288252	5.631932	1.78E-08	7.04E-06
<i>GBP4</i>	0.775912	0.142806	5.433327	5.53E-08	2.12E-05
<i>SEL1L3</i>	0.986761	0.183249	5.384804	7.25E-08	2.70E-05
<i>XYLT1</i>	1.234467	0.233752	5.281092	1.28E-07	4.64E-05
<i>APOL3</i>	0.821357	0.157845	5.203578	1.95E-07	6.86E-05
<i>MYL2</i>	4.501103	0.881083	5.108602	3.25E-07	0.00011083
<i>FAM117A</i>	0.697754	0.137884	5.060428	4.18E-07	0.00013909
<i>IRAK2</i>	1.101905	0.218317	5.047276	4.48E-07	0.00014519
<i>ASB2</i>	4.8577	0.97452	4.984712	6.21E-07	0.000196014
<i>ENSG00000214797</i>	2.590847	0.521524	4.967835	6.77E-07	0.000208646

<i>CD72</i>	0.972445	0.197063	4.934683	8.03E-07	0.000241512
<i>RABGAP1L</i>	0.787875	0.160196	4.918192	8.73E-07	0.000256659
<i>DBNL</i>	0.583976	0.120595	4.84246	1.28E-06	0.000368258
<i>PLAAT3</i>	3.245782	0.68321	4.750783	2.03E-06	0.000568941
<i>PPP1R18</i>	0.534823	0.115085	4.647187	3.36E-06	0.000924256
<i>ICAM2</i>	0.810193	0.175718	4.610751	4.01E-06	0.001078589
<i>CHST15</i>	0.876363	0.190651	4.596685	4.29E-06	0.001129952
<i>TRABD</i>	0.437682	0.095562	4.580065	4.65E-06	0.001198602
<i>SPRY1</i>	0.889388	0.195263	4.55483	5.24E-06	0.001324857
<i>CD79B</i>	0.281374	0.062569	4.497007	6.89E-06	0.00170738
<i>MCL1</i>	0.502184	0.113125	4.439203	9.03E-06	0.002193938
<i>ATXN10</i>	0.57549	0.130103	4.423342	9.72E-06	0.002316874
<i>ETFB</i>	0.547662	0.124261	4.407367	1.05E-05	0.002448264
<i>SMC6</i>	-0.575894	0.131498	-4.379475	1.19E-05	0.002732963
<i>TNFRSF13B</i>	-1.642074	0.380392	-4.316788	1.58E-05	0.003572002
<i>ST3GAL1</i>	0.879332	0.204035	4.309722	1.63E-05	0.003623368
<i>LHFPL2</i>	1.250313	0.291873	4.283752	1.84E-05	0.003947746
<i>GPR183</i>	-0.615168	0.143628	-4.283057	1.84E-05	0.003947746
<i>SREBF1</i>	1.408247	0.329841	4.269477	1.96E-05	0.004125996
<i>ZNF563</i>	1.007111	0.236517	4.258092	2.06E-05	0.00427062
<i>PPP2R5C</i>	0.432457	0.101785	4.248723	2.15E-05	0.00438135
<i>PXK</i>	0.504086	0.119392	4.222119	2.42E-05	0.004853766
<i>SNX18</i>	0.965772	0.230012	4.198787	2.68E-05	0.005297792
<i>SLC2A5</i>	1.180447	0.281795	4.189021	2.80E-05	0.005445882
<i>GDPGP1</i>	1.365762	0.329251	4.14809	3.35E-05	0.006418204
<i>GLRX</i>	-0.497023	0.119937	-4.144032	3.41E-05	0.006435413
<i>SPOCK2</i>	0.588104	0.143118	4.109215	3.97E-05	0.007376723
<i>CABLES1</i>	-1.920071	0.468108	-4.101773	4.10E-05	0.007507689
<i>PUS1</i>	0.899317	0.220029	4.087256	4.37E-05	0.00787892
<i>NRM</i>	0.645795	0.16107	4.009416	6.09E-05	0.010832141
<i>PLEKHA2</i>	0.38904	0.097543	3.9884	6.65E-05	0.011673421
<i>CCL2</i>	4.592547	1.154323	3.978563	6.93E-05	0.0120003
<i>ENSG00000273319</i>	0.69243	0.175228	3.951598	7.76E-05	0.013254993
<i>SLC5A5</i>	3.627945	0.920823	3.939892	8.15E-05	0.0137331
<i>BTBD7</i>	0.510624	0.12976	3.935144	8.31E-05	0.013823163
<i>IRF4</i>	0.900479	0.231307	3.893004	9.90E-05	0.01624674
<i>NEURL2</i>	1.992856	0.515316	3.867248	0.00011007	0.017462707
<i>NCF1</i>	0.279332	0.072236	3.866939	0.00011021	0.017462707
<i>ENSG00000275799</i>	0.608916	0.157499	3.866149	0.000110567	0.017462707
<i>C12orf65</i>	0.551271	0.142983	3.85551	0.000115489	0.018014788
<i>CD82</i>	-0.558455	0.145518	-3.837713	0.000124185	0.019124953
<i>AP3B1</i>	0.549058	0.143175	3.834866	0.000125633	0.019124953
<i>NMT2</i>	-0.492979	0.128716	-3.829968	0.00012816	0.019257731
<i>HCK</i>	-0.970205	0.253495	-3.827306	0.000129553	0.019257731
<i>CD79A</i>	0.424419	0.11279	3.762925	0.000167938	0.024673174
<i>TAF4B</i>	0.957342	0.255662	3.74456	0.00018071	0.026244523
<i>ADAM19</i>	0.675578	0.181298	3.726341	0.00019428	0.027690576

<i>PWP1</i>	0.393781	0.105703	3.725342	0.00019505	0.027690576
<i>SMAD3</i>	0.69559	0.188467	3.690778	0.000223569	0.031386638
<i>ANAPC16</i>	0.28018	0.076185	3.677639	0.000235403	0.032684785
<i>FCER2</i>	1.329128	0.36175	3.674161	0.000238633	0.03277307
<i>IRF2BPL</i>	1.159442	0.317642	3.650152	0.000262085	0.035460423
<i>ENSG00000226380</i>	0.809307	0.221821	3.648464	0.000263813	0.035460423
<i>PSD3</i>	-1.23821	0.340215	-3.639488	0.000273181	0.036333093
<i>CLEC17A</i>	0.804011	0.221566	3.628759	0.000284787	0.037482161
<i>SLC25A5</i>	-0.261237	0.072351	-3.610706	0.000305364	0.039776046
<i>SIDT1</i>	-0.694796	0.192758	-3.604495	0.000312761	0.040323775
<i>H3F3A</i>	0.311838	0.086677	3.597704	0.000321039	0.040972978
<i>CALHM6</i>	0.467378	0.130364	3.585167	0.000336862	0.042562567
<i>PAOX</i>	0.793202	0.221514	3.580819	0.000342519	0.042848803
<i>CD180</i>	0.729607	0.204661	3.564947	0.000363929	0.045080856
<i>IFI30</i>	0.62223	0.178034	3.495007	0.00047405	0.058056203
<i>ENSG00000089127</i>	0.683138	0.195581	3.492866	0.000477867	0.058056203
<i>ARHGEF1</i>	0.344339	0.099399	3.464226	0.000531759	0.063988347
<i>PLPP3</i>	3.212139	0.930052	3.453719	0.000552912	0.065906108
<i>RASSF3</i>	0.650355	0.188736	3.445853	0.000569261	0.067220664
<i>CTNNB1</i>	0.479561	0.13937	3.440933	0.000579712	0.067820985
<i>IL1B</i>	3.239503	0.942287	3.437916	0.00058621	0.067951984
<i>CIB1</i>	0.28996	0.08454	3.429843	0.00060393	0.069369612
<i>ENSG00000261448</i>	1.426513	0.416719	3.423197	0.000618892	0.070447717
<i>CHL1</i>	1.625927	0.475561	3.418963	0.000628603	0.070914292
<i>LINC00513</i>	0.539292	0.158102	3.41103	0.000647179	0.072363758
<i>TRANK1</i>	-0.5732	0.16894	-3.392915	0.00069153	0.076644563
<i>PALLD</i>	2.910568	0.858589	3.389944	0.000699069	0.07680638
<i>MMACHC</i>	1.436586	0.424087	3.38748	0.000705378	0.076831517
<i>MOGS</i>	-0.825814	0.244105	-3.383023	0.000716926	0.077421837
<i>CPNE5</i>	0.929721	0.275187	3.378509	0.0007288	0.078037158
<i>ENSG00000227486</i>	0.600087	0.177822	3.374646	0.000739107	0.078475794
<i>MAP3K1</i>	0.434953	0.129105	3.369001	0.000754411	0.079433194
<i>NFATC3</i>	0.393448	0.117273	3.354977	0.000793717	0.082881061
<i>AKAP12</i>	2.973588	0.891141	3.336832	0.000847393	0.087760738
<i>FXYD5</i>	-0.23377	0.070442	-3.318616	0.000904647	0.092928574
<i>SMIM3</i>	3.085858	0.930725	3.31554	0.000914661	0.093199532
<i>ZFP36L1</i>	-0.350535	0.105899	-3.310096	0.00093264	0.094271229
<i>GABPB1</i>	0.286211	0.08673	3.300024	0.000966765	0.096945016
<i>RINL</i>	0.468097	0.142199	3.291838	0.000995349	0.099025497
<i>ZNF3</i>	0.60168	0.182972	3.28837	0.001007692	0.099470182
<i>MBD6</i>	0.796908	0.242657	3.284087	0.001023132	0.099808849
<i>SLC45A3</i>	1.001573	0.305075	3.283045	0.001026921	0.099808849
<i>CERK</i>	0.677761	0.206673	3.27939	0.001040318	0.100339071
<i>LMNA</i>	-2.649884	0.810167	-3.270786	0.001072491	0.102658488
<i>TSPAN18</i>	3.381633	1.035753	3.264903	0.001095015	0.104026384
<i>ACP5</i>	0.858481	0.264079	3.250852	0.001150596	0.107761145
<i>C9orf16</i>	-0.265397	0.081644	-3.250657	0.001151385	0.107761145

<i>ERAP1</i>	0.573238	0.17693	3.239914	0.001195659	0.111081971
<i>NUP210</i>	0.378681	0.117395	3.225711	0.001256602	0.115891755
<i>TNFRSF18</i>	-1.254858	0.38961	-3.220808	0.001278297	0.117038323
<i>PLXNB2</i>	1.598995	0.50009	3.197417	0.001386645	0.125072093
<i>A1BG</i>	-0.350948	0.10983	-3.195369	0.001396521	0.125072093
<i>CYTIP</i>	-0.191769	0.06003	-3.194545	0.001400514	0.125072093
<i>MEF2A</i>	0.557722	0.174643	3.193491	0.001405638	0.125072093
<i>DDIT4</i>	1.094364	0.345667	3.165946	0.001545796	0.136581347
<i>GLIPR2</i>	0.514372	0.162644	3.162559	0.001563889	0.137220376
<i>ENSG00000261766</i>	0.722994	0.22896	3.157724	0.001590058	0.138554331
<i>C8orf58</i>	-1.504791	0.478008	-3.148042	0.001643679	0.142197975
<i>LCK</i>	0.68596	0.218032	3.146145	0.001654381	0.142197975
<i>POU2AF1</i>	0.281908	0.090007	3.132072	0.001735774	0.148185837
<i>ADD1</i>	0.349358	0.111919	3.121532	0.001799126	0.152563443
<i>TIPARP</i>	-0.811544	0.260505	-3.115278	0.001837715	0.154796898
<i>LY86</i>	-0.340526	0.1094	-3.112663	0.001854078	0.155140887
<i>LINC02576</i>	-1.2031	0.389879	-3.085827	0.002029872	0.167963121
<i>BIN2</i>	0.65178	0.211258	3.085237	0.002033902	0.167963121
<i>USP8</i>	0.274906	0.089377	3.075788	0.002099467	0.171665307
<i>ZNF26</i>	0.42254	0.137417	3.074875	0.002105906	0.171665307
<i>SCIMP</i>	1.09172	0.355341	3.072315	0.002124056	0.172034932
<i>CD83</i>	-0.339848	0.111081	-3.059454	0.00221741	0.177331465
<i>DAAM1</i>	-0.680209	0.222331	-3.059439	0.002217521	0.177331465
<i>LRRC61</i>	0.746927	0.244587	3.053829	0.002259406	0.178834861
<i>CTSS</i>	0.274396	0.089874	3.053137	0.002264628	0.178834861
<i>EML6</i>	-1.88302	0.617265	-3.050583	0.002283972	0.179242171
<i>CD99</i>	-0.536373	0.175987	-3.047802	0.002305215	0.179792531
<i>KANSL3</i>	0.769244	0.253388	3.035839	0.002398678	0.18593433
<i>FCMR</i>	0.389535	0.128777	3.024889	0.002487243	0.191623905
<i>JDP2</i>	1.1989	0.397545	3.015759	0.002563373	0.196292198
<i>RNF207</i>	2.091936	0.695054	3.009747	0.002614655	0.197836104
<i>VPS26B</i>	-1.765548	0.586615	-3.009724	0.00261485	0.197836104
<i>TMEM41B</i>	0.539439	0.179554	3.004335	0.002661625	0.200176353
<i>ENSG00000240859</i>	2.230564	0.743793	2.998903	0.002709534	0.202573711
<i>CD5</i>	-1.499014	0.502599	-2.982521	0.002858848	0.212479679
<i>LINC02453</i>	1.283003	0.431427	2.973858	0.002940813	0.217293411
<i>IK</i>	0.25904	0.087237	2.969396	0.002983859	0.218666894
<i>AHNAK</i>	-0.997392	0.336119	-2.967373	0.003003564	0.218666894
<i>FOXN3</i>	0.351252	0.118445	2.965521	0.003021704	0.218666894
<i>PTPN6</i>	0.514237	0.173446	2.964817	0.003028627	0.218666894
<i>ISG20</i>	-0.322367	0.109012	-2.957182	0.003104653	0.222882312
<i>PLEKHO1</i>	0.455326	0.15422	2.952438	0.003152751	0.224621733
<i>CLCN4</i>	1.536938	0.520767	2.951296	0.003164438	0.224621733
<i>FCRL2</i>	0.606028	0.206891	2.929207	0.003398279	0.239872927
<i>VHL</i>	0.377488	0.129243	2.920772	0.003491652	0.245094578
<i>NDUFB9</i>	0.261051	0.089684	2.910774	0.003605345	0.25167701
<i>MLXIP</i>	0.434494	0.149919	2.898197	0.003753152	0.26055539

<i>GBP7</i>	1.029267	0.355378	2.896258	0.003776417	0.260737883
<i>CYBB</i>	0.509676	0.176108	2.89412	0.003802231	0.261093386
<i>CDC26</i>	-0.303667	0.105364	-2.882069	0.003950727	0.269823947
<i>SLC2A3</i>	-0.661164	0.229751	-2.877747	0.004005262	0.271966012
<i>WNT10A</i>	-1.001444	0.348185	-2.876185	0.00402514	0.271966012
<i>ENSG00000271204</i>	0.530962	0.185095	2.868591	0.004123041	0.276036758
<i>AK1</i>	0.796151	0.277838	2.86552	0.00416325	0.276036758
<i>PDCD4</i>	0.545849	0.190519	2.865069	0.004169183	0.276036758
<i>SLCO4A1</i>	-1.052977	0.367557	-2.864796	0.004172776	0.276036758
<i>HTR3A</i>	1.228382	0.429412	2.860616	0.004228187	0.278245559
<i>GCHFR</i>	-0.50638	0.177908	-2.846303	0.004423003	0.289557724
<i>SLC1A4</i>	-1.380221	0.485606	-2.842266	0.004479412	0.291739039
<i>ATG2A</i>	0.611877	0.215487	2.839505	0.004518354	0.292766152
<i>OTUD7A</i>	1.829475	0.644723	2.837614	0.004545213	0.293003883
<i>SLC43A2</i>	0.295343	0.104212	2.834064	0.004596013	0.294774735
<i>WDFY2</i>	-0.471378	0.166765	-2.826605	0.004704428	0.29851522
<i>CTSA</i>	0.465178	0.1646	2.82611	0.004711712	0.29851522
<i>ICA1</i>	2.948529	1.045229	2.82094	0.004788319	0.29851522
<i>TP53I11</i>	-0.685886	0.243157	-2.820758	0.004791027	0.29851522
<i>ENSG00000270019</i>	0.839659	0.297783	2.819698	0.004806886	0.29851522
<i>COA1</i>	0.413426	0.146807	2.816121	0.004860741	0.29851522
<i>FADS3</i>	-0.390184	0.138588	-2.815417	0.0048714	0.29851522
<i>ENSG00000279278</i>	0.650736	0.231171	2.814953	0.00487844	0.29851522
<i>SRPRB</i>	-0.675226	0.239918	-2.814404	0.004886778	0.29851522
<i>NANP</i>	1.271546	0.45184	2.814153	0.004890594	0.29851522
<i>TIMM23B</i>	0.871122	0.309796	2.811923	0.004924637	0.299148003
<i>CTDSP1</i>	0.342076	0.121884	2.806563	0.005007313	0.30271482
<i>AP3S1</i>	0.387119	0.138436	2.796381	0.005167842	0.307947269
<i>ENSG00000258377</i>	1.668491	0.596931	2.795114	0.005188143	0.307947269
<i>DNMT3A</i>	0.900307	0.32224	2.793901	0.005207649	0.307947269
<i>SEMA4A</i>	1.567559	0.56124	2.793027	0.005221736	0.307947269
<i>ZDBF2</i>	-1.903363	0.681745	-2.7919	0.005239953	0.307947269
<i>CD22</i>	0.492349	0.176351	2.79187	0.005240441	0.307947269
<i>CRX</i>	1.549056	0.55514	2.790389	0.005264472	0.307947269
<i>ABCB1</i>	0.642207	0.230693	2.783819	0.005372296	0.312806264
<i>CENPM</i>	0.483589	0.173891	2.780996	0.005419244	0.313097887
<i>ARHGAP4</i>	0.387309	0.139376	2.77888	0.005454662	0.313097887
<i>IZUMO4</i>	-0.551379	0.198513	-2.777549	0.005477066	0.313097887
<i>ARID3A</i>	0.557055	0.20066	2.776115	0.005501266	0.313097887
<i>KLF8</i>	0.466097	0.167912	2.775839	0.005505954	0.313097887
<i>MYADM</i>	0.62661	0.225833	2.774658	0.005525986	0.313097887
<i>VSIG10L</i>	1.898372	0.68531	2.770093	0.005604028	0.316102206
<i>MANF</i>	0.386559	0.139775	2.765591	0.005681981	0.319074819
<i>FAM167A</i>	1.387309	0.502111	2.762955	0.005728074	0.319203412
<i>LSP1</i>	0.326205	0.11808	2.762572	0.005734798	0.319203412
<i>ST13</i>	-0.150864	0.054643	-2.76091	0.005764048	0.319424348
<i>MYC</i>	0.336197	0.121878	2.758467	0.005807322	0.320417098

GPANK1	0.313919	0.114017	2.753273	0.005900272	0.32413018
IL21R	0.663703	0.241482	2.748454	0.005987701	0.327278568
POLD4	0.263775	0.096016	2.747209	0.006010477	0.327278568
TP53	0.375057	0.13659	2.745858	0.006035291	0.327278568
ROR1	-1.690949	0.616916	-2.740971	0.006125786	0.329213979
GEN1	-0.932234	0.340134	-2.740787	0.006129214	0.329213979
TBC1D9	0.794872	0.290129	2.73972	0.006149149	0.329213979
WDR97	1.699877	0.621382	2.735638	0.00622595	0.331919296
SERPINB6	0.596341	0.218109	2.734143	0.006254279	0.332028615
RAB3IP	-0.525092	0.192537	-2.727223	0.006386984	0.336325938
SEC61B	-0.330612	0.12123	-2.727147	0.006388463	0.336325938
ENSG00000272644	1.707326	0.626865	2.723596	0.006457553	0.338230306
RNF7	-0.272583	0.100156	-2.721577	0.006497125	0.338230306
TTBK2	-0.805726	0.296268	-2.719582	0.006536458	0.338230306
PPP1CA	-0.181757	0.066842	-2.719187	0.00654426	0.338230306
CDC42SE1	0.52517	0.193186	2.718469	0.006558482	0.338230306
ENSG00000260136	-1.402884	0.51684	-2.714348	0.006640639	0.34107509
ENSG00000261884	0.639585	0.235975	2.710395	0.006720309	0.342487575
APOBEC3D	0.472068	0.17425	2.709135	0.006745881	0.342487575
CECR7	1.534627	0.5665	2.708959	0.006749458	0.342487575
SLC25A45	0.605708	0.224269	2.700814	0.006916993	0.348983406
NKILA	1.264259	0.468234	2.700059	0.006932713	0.348983406
TOP1MT	-0.603868	0.224366	-2.691434	0.007114553	0.356715793
ENSG00000130520	-0.287846	0.107007	-2.689978	0.007145663	0.356859512
TBL1X	-0.615529	0.229058	-2.687214	0.007205076	0.358409974
HNRNPK	0.192157	0.071782	2.676955	0.007429462	0.367678199
HIVEP2	0.742035	0.277287	2.676048	0.007449594	0.367678199
BRD3OS	-0.711749	0.266378	-2.671948	0.007541243	0.369681575
BHLHE40	0.672632	0.251934	2.669878	0.007587878	0.369681575
C7orf50	-0.246975	0.09254	-2.668834	0.007611517	0.369681575
ZCCHC17	0.335489	0.12579	2.66705	0.007652029	0.369681575
ENSG00000259768	1.272001	0.476976	2.6668	0.007657716	0.369681575
METTL7A	0.345447	0.129634	2.664791	0.007703613	0.369681575
TCTN3	-0.47027	0.176527	-2.664006	0.007721622	0.369681575
ENSG00000249476	-1.971213	0.740165	-2.663208	0.007739954	0.369681575
TENT5C	-0.359334	0.135079	-2.660178	0.007809932	0.369681575
LBR	0.309841	0.116477	2.660105	0.007811626	0.369681575
HINT2	0.287688	0.10815	2.660088	0.007812029	0.369681575
AGAP3	2.592503	0.975285	2.658199	0.007855942	0.37037249
CNOT7	0.208678	0.078559	2.656304	0.007900233	0.371075981
TRBC2	-0.221709	0.083612	-2.651635	0.008010312	0.372658303
P2RY8	0.351964	0.132881	2.648723	0.008079653	0.372658303
ENSG00000273445	3.330759	1.257797	2.64809	0.008094809	NA
CARD11	0.561688	0.212226	2.646645	0.008129469	0.372658303
CYBC1	-0.231295	0.087393	-2.646614	0.008130218	0.372658303
CARNMT1	0.654125	0.247161	2.64655	0.008131743	0.372658303
ARL3	-0.514534	0.194482	-2.645662	0.008153118	0.372658303

<i>PLCXD1</i>	0.696559	0.263318	2.645317	0.008161433	0.372658303
<i>FUNDC1</i>	0.522282	0.197501	2.644454	0.008182292	0.372658303
<i>GTF2H5</i>	0.30721	0.11622	2.643359	0.008208804	0.372658303
<i>RBX1</i>	-0.209763	0.07938	-2.642532	0.008228862	0.372658303
<i>NIPAL4</i>	1.37713	0.521728	2.639553	0.008301536	0.374606811
<i>CCDC12</i>	0.23257	0.088202	2.636802	0.008369173	0.37520945
<i>DHFR2</i>	0.681154	0.258352	2.636533	0.0083758	0.37520945
<i>SH3KBP1</i>	-0.275976	0.10476	-2.63435	0.00842985	0.37520945
<i>IQSEC1</i>	-0.371486	0.141025	-2.634196	0.008433675	0.37520945
<i>GMEB1</i>	0.429146	0.163149	2.630385	0.008528813	0.375931114
<i>ENSG00000234484</i>	1.965427	0.74722	2.630318	0.008530491	0.375931114
<i>CTSZ</i>	0.342007	0.130061	2.629583	0.008548978	0.375931114
<i>JCHAIN</i>	1.128514	0.429337	2.628501	0.008576206	0.375931114
<i>MPV17L</i>	1.107449	0.421568	2.62698	0.008614645	0.375931114
<i>JADE1</i>	0.360064	0.137092	2.626436	0.008628415	0.375931114
<i>EMC6</i>	-0.381964	0.145747	-2.62074	0.008773915	0.3786344
<i>FKBP5</i>	0.96305	0.367573	2.620027	0.008792273	0.3786344
<i>DDX28</i>	0.474302	0.181073	2.619391	0.008808703	0.3786344
<i>EIF4G3</i>	0.513396	0.196003	2.619328	0.00881033	0.3786344
<i>KLF3</i>	0.393256	0.150359	2.615448	0.008911061	0.380108621
<i>HDAC9</i>	0.538837	0.206045	2.615146	0.00891892	0.380108621
<i>TMEM175</i>	0.678585	0.259543	2.614536	0.008934884	0.380108621
<i>GPR157</i>	0.867439	0.332227	2.610981	0.009028283	0.382082665
<i>CYLD</i>	-0.299242	0.114632	-2.610471	0.009041766	0.382082665
<i>ENSG00000270589</i>	1.720093	0.659846	2.606811	0.009138976	0.384527372
<i>RALA</i>	-0.390998	0.150037	-2.606006	0.009160486	0.384527372
<i>PTPN12</i>	-0.784838	0.301782	-2.600678	0.009303975	0.38900645
<i>SLCO5A1</i>	1.279357	0.492105	2.599765	0.009328766	0.38900645
<i>SELL</i>	0.569664	0.219339	2.597178	0.009399309	0.390319449
<i>DPEP3</i>	1.616677	0.622673	2.596349	0.009422037	0.390319449
<i>INVS</i>	0.89976	0.346835	2.594205	0.009480991	0.391478158
<i>RASA3</i>	0.75459	0.291538	2.588305	0.009644963	0.3969515
<i>FUCA1</i>	-0.68137	0.263622	-2.584646	0.009747899	0.399885384
<i>MMP7</i>	1.879867	0.728215	2.581472	0.009837996	0.402275332
<i>MOSPD3</i>	-0.468293	0.182502	-2.565965	0.010288931	0.419356899
<i>AFF3</i>	-0.253559	0.098878	-2.564363	0.010336548	0.419943048
<i>TNK2</i>	0.423042	0.165314	2.559026	0.010496598	0.425078567
<i>PCBP4</i>	-1.001591	0.391846	-2.556084	0.010585762	0.427319807
<i>ADCK1</i>	1.205057	0.472055	2.552789	0.010686434	0.427679351
<i>SH3BGRL3</i>	-0.185185	0.072644	-2.549208	0.010796774	0.427679351
<i>DMD</i>	-0.611274	0.239794	-2.549161	0.010798232	0.427679351
<i>SVBP</i>	-0.269944	0.105896	-2.549135	0.010799062	0.427679351
<i>MMP11</i>	0.71074	0.278834	2.548967	0.010804249	0.427679351
<i>KCTD10</i>	0.624265	0.245024	2.547777	0.01084117	0.427679351
<i>CCDC106</i>	-0.532162	0.208965	-2.546663	0.010875854	0.427679351
<i>ZNF337.AS1</i>	0.934388	0.366969	2.546231	0.010889297	0.427679351
<i>ENSG00000180448</i>	0.288126	0.113172	2.545911	0.010899308	0.427679351

<i>PSMB10</i>	0.342761	0.134739	2.543881	0.01096283	0.428545269
<i>SEC23IP</i>	-0.564106	0.221823	-2.543042	0.01098921	0.428545269
<i>ENSG00000228106</i>	0.449616	0.176998	2.54024	0.011077648	0.430664882
<i>SRGN</i>	0.543289	0.214103	2.537515	0.011164252	0.43270038
<i>TELO2</i>	0.557883	0.220199	2.533547	0.011291457	0.436292224
<i>GTF3A</i>	0.201389	0.07956	2.531282	0.011364629	0.43662599
<i>ENSG00000263884</i>	1.563218	0.617594	2.531141	0.011369209	0.43662599
<i>ENSG00000253535</i>	0.789119	0.312334	2.526526	0.011519682	0.440414568
<i>ENSG00000166927</i>	-0.835111	0.330609	-2.525981	0.011537572	0.440414568
<i>SP110</i>	0.340164	0.134758	2.524267	0.011593983	0.440759899
<i>CLIC3</i>	1.503333	0.595927	2.522681	0.011646399	0.440759899
<i>ZNF239</i>	1.365026	0.541133	2.522534	0.011651271	0.440759899
<i>FBP1</i>	1.124717	0.446415	2.519445	0.011753992	0.44321587
<i>HSD11B1L</i>	-1.075723	0.4272	-2.518076	0.011799788	0.44321587
<i>PLA2G7</i>	3.754507	1.491405	2.517431	0.011821428	0.44321587
<i>ENSG00000176320</i>	2.680585	1.065726	2.515266	0.011894276	0.444627727
<i>ENSG00000261786</i>	2.637035	1.049446	2.512788	0.011978135	0.44563712
<i>DNAJA2</i>	0.307701	0.122504	2.511769	0.012012782	0.44563712
<i>KDM2B</i>	0.384072	0.152935	2.511349	0.012027088	0.44563712
<i>METTL21A</i>	-0.315669	0.125912	-2.50706	0.012173991	0.449761338
<i>MATR3</i>	0.958311	0.382632	2.504524	0.012261629	0.451152774
<i>ENSG00000258181</i>	0.650882	0.25998	2.503583	0.012294267	0.451152774
<i>ZBTB25</i>	0.366285	0.146369	2.502478	0.012332719	0.451152774
<i>ENSG00000278002</i>	0.519955	0.207902	2.500962	0.01238565	0.451152774
<i>SBF2.AS1</i>	-0.652	0.2608	-2.500001	0.012419288	0.451152774
<i>MLH1</i>	-0.741818	0.296862	-2.498864	0.012459225	0.451152774
<i>ECHS1</i>	0.332092	0.132901	2.498796	0.0124616	0.451152774
<i>IKZF1</i>	0.32648	0.130777	2.496465	0.012543819	0.452831876
<i>GALK1</i>	-0.57284	0.229713	-2.493718	0.012641284	0.455050207
<i>GYPC</i>	0.23282	0.093439	2.491682	0.012713988	0.455574482
<i>SLF2</i>	-0.391315	0.157112	-2.490667	0.012750348	0.455574482
<i>IER3.AS1</i>	1.417004	0.569012	2.490286	0.012764018	0.455574482
<i>BSCL2</i>	1.074307	0.431607	2.489084	0.012807257	0.45561258
<i>PTPA</i>	-0.811897	0.326292	-2.488254	0.012837204	0.45561258
<i>ENDOD1</i>	0.649393	0.261832	2.480192	0.013131165	0.462544168
<i>C1orf56</i>	0.562825	0.226929	2.480181	0.013131558	0.462544168
<i>MOB4</i>	0.293409	0.118315	2.479889	0.013142331	0.462544168
<i>MAP3K2</i>	-0.324779	0.131303	-2.473503	0.013379568	0.468920828
<i>RNF122</i>	1.039932	0.420579	2.472617	0.013412798	0.468920828
<i>FBXO10</i>	0.776173	0.313982	2.472029	0.013434851	0.468920828
<i>SLC35E3</i>	0.291658	0.118571	2.459767	0.013902727	0.48050934
<i>CNST</i>	0.484397	0.196931	2.459727	0.013904257	0.48050934
<i>REL</i>	-0.253587	0.103101	-2.459588	0.01390967	0.48050934
<i>UHRF2</i>	0.426281	0.173331	2.459346	0.01391905	0.48050934
<i>DPPA4</i>	-1.351698	0.549836	-2.458368	0.013957018	0.48050934
<i>TNFSF10</i>	0.497905	0.202852	2.45452	0.014107269	0.483508011
<i>ENSG00000260793</i>	0.617817	0.251741	2.454179	0.014120653	0.483508011



<i>PI4K2A</i>	-1.771477	0.72385	-2.447297	0.014393213	0.491508772
<i>ISCA1</i>	0.288784	0.118099	2.445267	0.014474489	0.492701428
<i>MICU1</i>	0.457542	0.187174	2.44448	0.014506128	0.492701428
<i>ABI3</i>	0.422575	0.173356	2.437621	0.014784274	0.500802403
<i>SERPINB1</i>	0.265955	0.109199	2.435505	0.014871029	0.502394269
<i>IRF1</i>	0.289272	0.118826	2.434422	0.014915581	0.502555643
<i>ENSG00000283013</i>	0.340998	0.140291	2.430648	0.015071832	0.505600014
<i>UBE2G1</i>	0.360361	0.148331	2.429437	0.015122281	0.505600014
<i>GABPB2</i>	0.516299	0.212562	2.428933	0.015143332	0.505600014
<i>ENSG00000226571</i>	-1.528334	0.629361	-2.428391	0.015166	0.505600014
<i>ZFP36</i>	0.205473	0.084776	2.423734	0.015361837	0.510240671
<i>PLP2</i>	-0.478333	0.197618	-2.420491	0.015499571	0.510240671
<i>HSH2D</i>	0.310247	0.128189	2.420235	0.015510497	0.510240671
<i>ZNF660</i>	-1.269792	0.524732	-2.419886	0.01552536	0.510240671
<i>FLNA</i>	-0.49394	0.204173	-2.419219	0.015553886	0.510240671
<i>LTBP3</i>	-0.42503	0.175717	-2.418837	0.015570235	0.510240671
<i>ENSG00000273247</i>	0.261598	0.108189	2.417977	0.015607056	0.510240671
<i>MFSD14B</i>	-0.878911	0.363703	-2.416563	0.015667809	0.510240671
<i>CCDC157</i>	0.905777	0.374939	2.415797	0.015700808	0.510240671
<i>ENSG00000234773</i>	1.947449	0.806431	2.414899	0.015739593	0.510240671
<i>CCDC71L</i>	-1.091306	0.452113	-2.413788	0.015787634	0.510240671
<i>ZNF587</i>	0.494212	0.20475	2.413738	0.015789798	0.510240671
<i>MDP1</i>	0.53899	0.223621	2.41029	0.015939842	0.513775275
<i>CYTH2</i>	-0.399349	0.165786	-2.408816	0.01600436	0.5145422
<i>RPS6KA2</i>	-1.114612	0.46337	-2.405447	0.01615271	0.515196363
<i>RSF1</i>	0.24001	0.099798	2.404952	0.016174586	0.515196363
<i>PARP12</i>	-0.869379	0.361499	-2.404927	0.0161757	0.515196363
<i>KDM3A</i>	0.573482	0.238488	2.404653	0.016187808	0.515196363
<i>C15orf39</i>	0.784129	0.326348	2.402735	0.016272963	0.515313967
<i>RUBCN</i>	-0.334316	0.139143	-2.402675	0.016275638	0.515313967
<i>RHBDF2</i>	0.274379	0.114238	2.401817	0.016313857	0.515313967
<i>CR2</i>	0.87206	0.363309	2.400324	0.01638056	0.516044636
<i>PHGDH</i>	2.173084	0.90565	2.399473	0.016418674	0.516044636
<i>UBE2O</i>	0.430057	0.179473	2.396225	0.016564929	0.519349575
<i>TM2D3</i>	0.394095	0.164571	2.39468	0.016634858	0.520251066
<i>SESN3</i>	-0.297235	0.124201	-2.393177	0.016703167	0.521097579
<i>AP4M1</i>	0.454816	0.190154	2.391833	0.016764487	0.521722384
<i>LINC02352</i>	0.774256	0.324087	2.389036	0.016892666	0.524419736
<i>SERPINF2</i>	-1.645888	0.689512	-2.387034	0.016984907	0.52472111
<i>NCF4</i>	-0.354058	0.148354	-2.38658	0.017005885	0.52472111
<i>CDCA7L</i>	0.359273	0.150585	2.38585	0.017039689	0.52472111
<i>LINC.PINT</i>	0.34669	0.14544	2.38373	0.017138188	0.52472111
<i>FMN1</i>	1.519336	0.637388	2.383691	0.017140006	0.52472111
<i>TBC1D2B</i>	-0.911031	0.382274	-2.383189	0.017163392	0.52472111
<i>CHP1</i>	-0.295747	0.124171	-2.381769	0.017229695	0.52472111
<i>GRINA</i>	0.340936	0.143156	2.381564	0.017239303	0.52472111
<i>CHMP1B</i>	0.244881	0.102879	2.38028	0.017299479	0.52472111

<i>PARP14</i>	-0.24377	0.102442	-2.379599	0.017331484	0.52472111
<i>TBCD</i>	-0.933958	0.392583	-2.37901	0.017359195	0.52472111
<i>PHKG1</i>	0.474791	0.199984	2.374145	0.017589651	0.530418225
<i>PEAK3</i>	1.446709	0.610007	2.371625	0.017710048	0.532777272
<i>LARGE1</i>	1.21848	0.514004	2.370567	0.017760842	0.533036196
<i>PHLDB1</i>	1.587751	0.670127	2.369327	0.017820482	0.533558749
<i>PRICKLE1</i>	0.55251	0.233377	2.367456	0.01791085	0.534330983
<i>EPHB6</i>	-0.724934	0.306359	-2.366292	0.017967289	0.534330983
<i>MICALL1</i>	-1.027208	0.434325	-2.365068	0.018026766	0.534330983
<i>KCNN1</i>	1.256269	0.531438	2.363906	0.018083416	0.534330983
<i>TMC8</i>	0.336725	0.142446	2.36388	0.018084662	0.534330983
<i>ITGB2</i>	0.627966	0.265686	2.363566	0.018100013	0.534330983
<i>TGFBR2</i>	-0.259453	0.109853	-2.361819	0.018185507	0.535603454
<i>LIPT2</i>	0.725518	0.307354	2.360531	0.0182488	0.536217646
<i>DAPP1</i>	-0.257548	0.109195	-2.358594	0.018344323	0.537773833
<i>SNHG21</i>	-0.515024	0.218572	-2.356313	0.018457349	0.539764755
<i>TTC37</i>	-0.489557	0.207835	-2.355502	0.018497676	0.539764755
<i>IER3</i>	1.033816	0.439935	2.349928	0.018777041	0.546654183
<i>TRAF7</i>	-0.58744	0.250202	-2.347864	0.018881399	0.548428674
<i>FTH1</i>	-0.151138	0.0644	-2.346858	0.018932456	0.548650417
<i>MAP9</i>	-0.502275	0.214131	-2.345638	0.018994569	0.549190805
<i>FYN</i>	0.589602	0.251795	2.341592	0.019201676	0.552844767
<i>ERP27</i>	-1.782987	0.761622	-2.341039	0.019230149	0.552844767
<i>SHF</i>	0.835387	0.357094	2.339402	0.019314651	0.552844767
<i>APOBEC3C</i>	0.195566	0.083612	2.33897	0.019337009	0.552844767
<i>ENSG00000235609</i>	1.424145	0.608891	2.338917	0.019339722	0.552844767
<i>MLH3</i>	0.436529	0.186809	2.336764	0.019451452	0.553899544
<i>FOXO3</i>	0.628405	0.26895	2.336517	0.019464297	0.553899544
<i>ANKRD44</i>	0.232766	0.099678	2.33517	0.019534522	0.554648737
<i>RASSF1</i>	0.28674	0.123043	2.330409	0.019784562	0.560313006
<i>SPN</i>	1.109225	0.476372	2.328487	0.019886244	0.560313006
<i>ZSWIM9</i>	0.576346	0.247532	2.328366	0.019892682	0.560313006
<i>BICDL1</i>	1.328377	0.570859	2.32698	0.019966323	0.560313006
<i>ITGB2.AS1</i>	2.162025	0.929189	2.326787	0.019976582	0.560313006
<i>INKA1</i>	-0.416588	0.179074	-2.326346	0.020000092	0.560313006
<i>LNPEP</i>	0.255904	0.110181	2.322577	0.020201881	0.56471409
<i>AGPAT2</i>	-0.326441	0.14082	-2.31815	0.020441189	0.570128543
<i>LINC00894</i>	1.831305	0.790265	2.317329	0.020485822	0.570128543
<i>ZNF665</i>	0.584575	0.252475	2.315376	0.02059236	0.571834
<i>MIPEP</i>	0.796687	0.344389	2.313338	0.020704078	0.572436104
<i>ENSG00000228835</i>	0.595745	0.257574	2.31291	0.02072761	0.572436104
<i>HNRNPL</i>	0.326013	0.140987	2.312365	0.02075756	0.572436104
<i>RIMS2</i>	1.343742	0.581283	2.311681	0.020795265	0.572436104
<i>ENSG00000251364</i>	0.887372	0.384102	2.31025	0.020874337	0.573363572
<i>ZCCHC14</i>	-1.997077	0.865786	-2.306665	0.021073526	0.576349343
<i>WDR82</i>	0.390823	0.169433	2.306651	0.02107427	0.576349343
<i>TIMP1</i>	-0.798901	0.346511	-2.305557	0.021135404	0.576772843

<i>ARHGAP15</i>	0.231316	0.100462	2.30252	0.021305887	0.578001421
<i>MDK</i>	0.834485	0.36256	2.301649	0.021354953	0.578001421
<i>ABRAXAS1</i>	-0.305005	0.132576	-2.300611	0.021413636	0.578001421
<i>PLAA</i>	-0.694919	0.302134	-2.300034	0.021446321	0.578001421
<i>RHOT1</i>	-0.483248	0.21012	-2.299865	0.02145586	0.578001421
<i>CD1C</i>	0.866353	0.376823	2.299098	0.021499396	0.578001421
<i>CHAF1A</i>	1.148004	0.499446	2.298554	0.021530297	0.578001421
<i>TOMM70</i>	0.445433	0.193812	2.298271	0.021546393	0.578001421
<i>TTC7A</i>	-0.584736	0.254707	-2.295724	0.021691675	0.579830668
<i>MSRB1</i>	-0.452415	0.197146	-2.29482	0.021743468	0.579830668
<i>CCNA2</i>	1.203582	0.524723	2.293749	0.021804893	0.579830668
<i>OLA1</i>	-0.256756	0.111962	-2.293254	0.021833383	0.579830668
<i>CCT6A</i>	-0.25735	0.112232	-2.293019	0.021846905	0.579830668
<i>CFL1</i>	-0.198969	0.086818	-2.291787	0.021917958	0.579830668
<i>CCNDBP1</i>	0.190834	0.08328	2.291477	0.021935818	0.579830668
<i>TP53TG1</i>	-0.35641	0.155658	-2.289699	0.022038757	0.581335477
<i>SLC25A46</i>	0.387271	0.16925	2.288156	0.022128447	0.582485259
<i>FSD1L</i>	-0.759424	0.332187	-2.286133	0.022246487	0.584374973
<i>RHOBTB2</i>	0.73562	0.322398	2.281713	0.022506306	0.589973394
<i>TOGARAM1</i>	0.35358	0.155335	2.276248	0.022831157	0.597249821
<i>HACD1</i>	-2.012375	0.884652	-2.274765	0.022920054	0.598336526
<i>PLEKHF1</i>	0.614144	0.270265	2.272374	0.023063951	0.600049424
<i>GNAZ</i>	-1.379817	0.607288	-2.272097	0.023080651	0.600049424
<i>FXVD1</i>	-0.519569	0.228852	-2.270323	0.023187988	0.6016021
<i>SYVN1</i>	0.352891	0.155509	2.269269	0.023251955	0.602025521
<i>FLI1</i>	0.308315	0.135976	2.267423	0.023364401	0.602967907
<i>PRDX2</i>	-0.332808	0.146799	-2.267105	0.023383797	0.602967907
<i>FAM32A</i>	-0.25181	0.111152	-2.265454	0.023484812	0.604339302
<i>ACAD10</i>	0.547299	0.242238	2.259341	0.023862158	0.612801568
<i>NME6</i>	0.458722	0.203331	2.256034	0.024068532	0.61684768
<i>IGLC7</i>	-2.028622	0.899738	-2.25468	0.024153429	0.617770394
<i>AVP</i>	-2.71625	1.205579	-2.253066	0.024254962	0.618513991
<i>DNAJC7</i>	0.196142	0.087071	2.252663	0.024280407	0.618513991
<i>LINC01679</i>	1.730186	0.768524	2.251309	0.024365954	0.619326689
<i>DVL3</i>	-0.612676	0.272292	-2.250068	0.024444623	0.619326689
<i>UBL7.AS1</i>	-0.441842	0.196389	-2.249836	0.02445936	0.619326689
<i>ENSG00000261187</i>	1.27818	0.569061	2.246121	0.024696282	0.623052696
<i>NOC3L</i>	0.386443	0.17212	2.245195	0.02475563	0.623052696
<i>RASSF6</i>	2.579071	1.150004	2.242663	0.024918567	0.623052696
<i>CCDC127</i>	-0.607329	0.270847	-2.242334	0.024939792	0.623052696
<i>ACACA</i>	0.836169	0.372915	2.24225	0.024945209	0.623052696
<i>KLHL5</i>	-0.45924	0.204923	-2.241037	0.025023666	0.623052696
<i>SUFU</i>	0.943795	0.421142	2.241036	0.02502372	0.623052696
<i>AMFR</i>	0.649628	0.289956	2.240437	0.025062588	0.623052696
<i>NFE2L3</i>	1.500876	0.669943	2.240303	0.025071236	0.623052696
<i>ZNF132</i>	1.418344	0.633227	2.239866	0.02509963	0.623052696
<i>GPR160</i>	0.742987	0.332109	2.237178	0.025274709	0.623962637

<i>ENSG00000260228</i>	1.45073	0.648473	2.237147	0.025276764	0.623962637
<i>CLPB</i>	-1.607606	0.71885	-2.236358	0.025328331	0.623962637
<i>FAM204A</i>	0.238035	0.106452	2.236085	0.025346216	0.623962637
<i>SLC25A19</i>	0.438057	0.195953	2.23552	0.025383205	0.623962637
<i>GGA2</i>	0.24689	0.110536	2.233578	0.025510854	0.624713394
<i>STK17A</i>	0.276436	0.123765	2.233551	0.025512632	0.624713394
<i>NADSYN1</i>	-0.378716	0.169628	-2.232624	0.025573773	0.624838294
<i>SC5D</i>	-0.441357	0.197743	-2.231975	0.025616639	0.624838294
<i>PIP5K1B</i>	0.732446	0.328736	2.22807	0.025875875	0.628737691
<i>LINC01781</i>	1.074229	0.482135	2.228067	0.025876027	0.628737691
<i>ZNF254</i>	-0.760826	0.341653	-2.226894	0.025954374	0.629430941
<i>TECPR2</i>	-1.399737	0.628882	-2.225755	0.026030572	0.6300695
<i>CLCF1</i>	-0.513196	0.230864	-2.222936	0.026220103	0.633443602
<i>IKBKB</i>	0.358594	0.161415	2.221562	0.02631289	0.63447206
<i>DERL1</i>	0.28979	0.130529	2.220124	0.02641034	0.635231347
<i>ABCD1</i>	1.220562	0.549898	2.219615	0.02644493	0.635231347
<i>TRIM66</i>	0.725483	0.327087	2.218012	0.026554002	0.636641006
<i>TBCB</i>	-0.235903	0.106423	-2.216653	0.026646824	0.637203402
<i>SLC37A1</i>	-0.550708	0.248493	-2.216192	0.026678322	0.637203402
<i>ENSG00000233912</i>	1.217653	0.549904	2.214302	0.026808024	0.639093168
<i>SLC25A23</i>	-1.462637	0.660946	-2.212945	0.026901425	0.640112068
<i>C15orf62</i>	-0.76582	0.346279	-2.211568	0.026996526	0.64061435
<i>WBP2NL</i>	0.551434	0.249385	2.211172	0.027023937	0.64061435
<i>C5orf56</i>	0.406402	0.184053	2.208066	0.027239645	0.643511481
<i>ADSL</i>	-0.377702	0.171138	-2.207005	0.027313681	0.643511481
<i>GPR146</i>	-0.59958	0.271692	-2.206838	0.027325386	0.643511481
<i>LSM11</i>	0.872381	0.395492	2.205811	0.027397236	0.643511481
<i>PPP1R3E</i>	0.337426	0.152975	2.20576	0.027400805	0.643511481
<i>UXT</i>	-0.141656	0.064256	-2.20456	0.027484957	0.643886047
<i>HEATR6</i>	-0.75212	0.34124	-2.204081	0.027518676	0.643886047
<i>PLD4</i>	-1.053973	0.478647	-2.201987	0.027666253	0.644575006
<i>HCG11</i>	-0.638142	0.289849	-2.201639	0.027690794	0.644575006
<i>ARHGEF12</i>	-1.018518	0.462825	-2.200655	0.027760475	0.644575006
<i>LINC02256</i>	0.415055	0.18863	2.200367	0.027780901	0.644575006
<i>DCP1A</i>	0.302748	0.137632	2.199692	0.027828778	0.644575006
<i>CLEC16A</i>	-0.689991	0.313763	-2.199084	0.027871929	0.644575006
<i>SLX4</i>	-1.147494	0.522145	-2.197652	0.027973913	0.644575006
<i>CD44</i>	-0.264719	0.120502	-2.196811	0.02803393	0.644575006
<i>FMC1</i>	0.261218	0.118963	2.195793	0.028106749	0.644575006
<i>MPC2</i>	-0.278091	0.126709	-2.19472	0.028183682	0.644575006
<i>DHRS3</i>	2.518512	1.14779	2.194227	0.028219068	0.644575006
<i>BCAP31</i>	0.233643	0.106491	2.194015	0.028234355	0.644575006
<i>TAF12</i>	0.261137	0.119024	2.19398	0.028236829	0.644575006
<i>RAB20</i>	1.155632	0.526871	2.193389	0.028279355	0.644575006
<i>ENSG00000281325</i>	-0.768133	0.350279	-2.192917	0.028313346	0.644575006
<i>HLA.DOB</i>	0.436499	0.199126	2.192073	0.028374239	0.644799471
<i>SHISAL2A</i>	0.313166	0.142957	2.19064	0.02847786	0.645657205

<i>RHOBTB3</i>	1.373052	0.62714	2.189387	0.028568691	0.645657205
<i>CNP</i>	0.3339	0.152525	2.189151	0.028585834	0.645657205
<i>GPR18</i>	0.532041	0.243082	2.188731	0.028616386	0.645657205
<i>SEC22A</i>	0.56845	0.25994	2.186848	0.028753653	0.647597861
<i>TRAPPC6A</i>	0.238975	0.109368	2.185052	0.028885012	0.649319341
<i>COA4</i>	0.259064	0.118642	2.183575	0.028993492	0.649319341
<i>MTX3</i>	-1.015116	0.465076	-2.182688	0.029058829	0.649319341
<i>FLOT1</i>	0.3034	0.139024	2.182365	0.029082572	0.649319341
<i>ZBTB41</i>	-0.828926	0.379967	-2.181574	0.029141012	0.649319341
<i>SNAPC3</i>	0.336785	0.154381	2.181518	0.0291451	0.649319341
<i>ENSG00000251034</i>	1.012695	0.46449	2.180229	0.029240466	0.649319341
<i>ENSG00000274292</i>	1.246521	0.571741	2.180219	0.029241211	0.649319341
<i>UTP20</i>	0.594243	0.272766	2.17858	0.029362895	0.650877512
<i>LMAN1</i>	0.387071	0.177753	2.17758	0.029437292	0.651383866
<i>TLR6</i>	-0.573843	0.263732	-2.175853	0.02956626	0.651542107
<i>ZSCAN18</i>	0.250816	0.11528	2.175702	0.029577564	0.651542107
<i>TTC30B</i>	1.062807	0.488592	2.175244	0.029611822	0.651542107
<i>TCEAL9</i>	-1.706381	0.785055	-2.173582	0.029736532	0.651542107
<i>TSPYL2</i>	0.421014	0.193703	2.173499	0.029742744	0.651542107
<i>L1CAM</i>	-1.423521	0.654989	-2.173352	0.029753842	0.651542107
<i>LUC7L</i>	-0.340324	0.15668	-2.172093	0.02984866	0.652487579
<i>SNAP47</i>	0.289037	0.133183	2.170232	0.029989299	0.653883832
<i>HLA.DOA</i>	0.307293	0.141618	2.169879	0.030016037	0.653883832
<i>GPATCH2</i>	-0.567211	0.261523	-2.168874	0.03009226	0.654416024
<i>MTERF4</i>	0.278899	0.128697	2.167099	0.03022732	0.655915529
<i>MBNL3</i>	0.590262	0.272458	2.16643	0.030278332	0.655915529
<i>PRDM4</i>	0.534088	0.246587	2.165925	0.03031695	0.655915529
<i>ENSG00000268027</i>	0.43425	0.200802	2.162577	0.030573707	0.660339815
<i>BBS12</i>	-1.468608	0.679452	-2.161459	0.03065989	0.661071185
<i>QDPR</i>	-0.987717	0.457362	-2.159595	0.030804056	0.662082344
<i>CTNND1</i>	-0.490595	0.227224	-2.159079	0.03084405	0.662082344
<i>RBM28</i>	0.372015	0.172323	2.158822	0.030863989	0.662082344
<i>PREPL</i>	0.368373	0.17072	2.157755	0.030946887	0.662103571
<i>SPIN3</i>	1.879501	0.871224	2.15731	0.030981484	0.662103571
<i>ZNF92</i>	0.25114	0.116442	2.156788	0.031022186	0.662103571
<i>SUMF2</i>	0.225372	0.104617	2.154254	0.031220227	0.665206686
<i>CD24</i>	-0.239238	0.111133	-2.152718	0.031340876	0.666653139
<i>SERINC2</i>	1.44335	0.670836	2.15157	0.031431231	0.667126857
<i>VPS50</i>	0.553901	0.257497	2.151094	0.031468746	0.667126857
<i>TRIM14</i>	0.625171	0.291253	2.14649	0.031833924	0.672821883
<i>BTG2</i>	-0.198453	0.09246	-2.146365	0.031843885	0.672821883
<i>NPM3</i>	-0.490237	0.228479	-2.145655	0.031900511	0.67289309
<i>SH3D19</i>	0.82711	0.386655	2.139142	0.032424137	0.682798291
<i>ZNF699</i>	0.509133	0.2382	2.137419	0.032563964	0.682911044
<i>TUT1</i>	0.489672	0.22921	2.136349	0.032650972	0.682911044
<i>FCHO1</i>	0.48166	0.225565	2.135351	0.032732322	0.682911044
<i>ACTA2</i>	1.483712	0.694979	2.134901	0.03276911	0.682911044

<i>AIMP1</i>	-0.254614	0.119272	-2.13474	0.032782261	0.682911044
<i>REST</i>	0.256922	0.12036	2.134619	0.032792122	0.682911044
<i>CHD1</i>	0.25635	0.120102	2.134427	0.032807836	0.682911044
<i>LAIR1</i>	0.508902	0.238712	2.131866	0.033017838	0.686118431
<i>SF3A1</i>	0.357428	0.167763	2.130554	0.03312593	0.686118431
<i>PRKACB</i>	0.353013	0.165731	2.130041	0.033168201	0.686118431
<i>ABHD15</i>	0.341429	0.160302	2.129909	0.033179134	0.686118431
<i>RIN3</i>	-0.40897	0.192174	-2.128123	0.033326857	0.688047117
<i>ZFP36L2</i>	-0.383412	0.180348	-2.125949	0.03350752	0.689671883
<i>GSN</i>	-0.699171	0.328888	-2.125862	0.033514724	0.689671883
<i>KDELR1</i>	-0.279378	0.131502	-2.124513	0.03362723	0.690861865
<i>S100A11</i>	-0.388031	0.183057	-2.119728	0.03402901	0.696649329
<i>SP100</i>	0.180055	0.084959	2.119305	0.034064734	0.696649329
<i>TMEM256</i>	-0.176429	0.083253	-2.119191	0.03407434	0.696649329
<i>SH3GLB1</i>	-0.236761	0.111856	-2.116659	0.034288828	0.698608424
<i>ERAL1</i>	-0.518651	0.245183	-2.11536	0.034399239	0.698608424
<i>ZFYVE19</i>	0.365614	0.172841	2.115325	0.034402255	0.698608424
<i>YPEL3</i>	0.263204	0.124456	2.114837	0.03444384	0.698608424
<i>SLC38A1</i>	-0.235704	0.111474	-2.114425	0.034478998	0.698608424
<i>PLCE1</i>	0.431497	0.204099	2.114156	0.034501912	0.698608424
<i>SFXN1</i>	-0.433175	0.204962	-2.113444	0.034562825	0.698722073
<i>IFT172</i>	0.701767	0.332651	2.109619	0.034891211	0.70423395
<i>NUP88</i>	0.309631	0.146876	2.108115	0.035021041	0.704438711
<i>NME7</i>	0.43872	0.208128	2.107931	0.035036942	0.704438711
<i>CERS4</i>	-0.300979	0.142809	-2.107565	0.035068615	0.704438711
<i>ENSG00000250222</i>	0.962686	0.457249	2.105387	0.035257666	0.707112086
<i>KLHDC3</i>	0.237298	0.112776	2.104166	0.035363952	0.7080658
<i>ENSG00000282988</i>	0.579271	0.275452	2.102988	0.035466847	0.7080658
<i>ENSG00000124593</i>	-1.082636	0.514827	-2.102913	0.03547334	0.7080658
<i>CACTIN</i>	0.674938	0.32116	2.101561	0.035591755	0.708892787
<i>ZNF219</i>	-1.297419	0.617478	-2.101159	0.035626982	0.708892787
<i>ATP11A</i>	-0.706412	0.336717	-2.097943	0.035910209	0.711931657
<i>SH3BP1</i>	-0.540626	0.257863	-2.096564	0.036032224	0.711931657
<i>SOBP</i>	1.498224	0.714731	2.096207	0.036063837	0.711931657
<i>ENSG00000130749</i>	0.396124	0.189012	2.095757	0.036103724	0.711931657
<i>ZNF341</i>	0.792604	0.378299	2.095181	0.036154891	0.711931657
<i>CNNM3</i>	0.753244	0.359681	2.094203	0.03624186	0.711931657
<i>ATP6VOA1</i>	0.43907	0.209665	2.09415	0.036246642	0.711931657
<i>ADAM10</i>	-0.351164	0.167703	-2.093956	0.03626391	0.711931657
<i>TALDO1</i>	-0.180999	0.086449	-2.093699	0.036286821	0.711931657
<i>NEK5</i>	-0.694951	0.332047	-2.092931	0.036355354	0.712170391
<i>CXCR4</i>	0.102829	0.049158	2.091806	0.036455585	0.713033542
<i>SRSF8</i>	0.175442	0.083906	2.090932	0.036534182	0.713461187
<i>PACRGL</i>	-1.322773	0.633279	-2.088769	0.036728525	0.714167985
<i>GALT</i>	0.285382	0.136685	2.08789	0.036807729	0.714167985
<i>NT5E</i>	0.546445	0.261723	2.087879	0.036808733	0.714167985
<i>DDB2</i>	-0.317375	0.152018	-2.087738	0.036821444	0.714167985

<i>RAPGEF5</i>	-1.279098	0.612774	-2.087389	0.03685299	0.714167985
<i>CDC42SE2</i>	0.233307	0.111837	2.086141	0.036965815	0.715257377
<i>ENSG00000133961</i>	0.245553	0.117744	2.085477	0.03702599	0.715326271
<i>KDM3B</i>	0.356287	0.17093	2.084409	0.037123	0.716105495
<i>UQCR11</i>	0.169444	0.081347	2.082966	0.037254287	0.717542551
<i>WARS2</i>	-0.932644	0.448177	-2.080971	0.037436564	0.719955842
<i>NOC2L</i>	0.251269	0.120836	2.079421	0.037578664	0.720615042
<i>HACD2</i>	-0.438897	0.211092	-2.079173	0.037601417	0.720615042
<i>ATP2A1.AS1</i>	-1.63471	0.786397	-2.078733	0.037641941	0.720615042
<i>SPOP</i>	0.243103	0.117016	2.077523	0.03775336	0.721654625
<i>ENSG00000277825</i>	0.992944	0.478287	2.076041	0.037890155	0.723175387
<i>SLC12A6</i>	0.307395	0.148144	2.074983	0.037988131	0.723951784
<i>HIC1</i>	2.343222	1.129301	2.074931	0.03799297	NA
<i>EXD3</i>	-0.564914	0.272402	-2.073821	0.038095947	0.724913081
<i>CD37</i>	-0.087913	0.042425	-2.072222	0.038244759	0.726650414
<i>PCF11.AS1</i>	0.815818	0.393884	2.071215	0.038338689	0.727341346
<i>ENSG00000233038</i>	3.800671	1.836036	2.070042	0.038448405	NA
<i>ENSG00000272994</i>	0.399917	0.193314	2.068745	0.038569983	0.728381965
<i>SMPD1</i>	0.478095	0.231145	2.06838	0.038604349	0.728381965
<i>ZFYVE16</i>	-0.433854	0.209803	-2.067908	0.038648682	0.728381965
<i>INPP5B</i>	0.421953	0.204068	2.067711	0.038667203	0.728381965
<i>CDK13</i>	0.345609	0.167176	2.067343	0.038701825	0.728381965
<i>ICOSLG</i>	-0.289957	0.140334	-2.066195	0.038810116	0.728381965
<i>SYTL1</i>	-0.296991	0.143742	-2.066139	0.038815391	0.728381965
<i>ATP5MG</i>	-0.139275	0.067422	-2.065722	0.038854725	0.728381965
<i>PPP1R3F</i>	1.352746	0.655104	2.064934	0.038929235	0.728697608
<i>CYB561</i>	1.160127	0.562254	2.063349	0.0390795	0.729784367
<i>RCC1L</i>	0.551677	0.267401	2.063103	0.039102811	0.729784367
<i>KCNH4</i>	1.781503	0.864952	2.059656	0.039431425	0.73420698
<i>TLR10</i>	-0.456937	0.221879	-2.059399	0.039455998	0.73420698
<i>MOB1B</i>	-1.025403	0.498178	-2.058306	0.039560727	0.734301946
<i>LPCAT4</i>	-0.445491	0.216504	-2.057656	0.03962316	0.734301946
<i>ICA1L</i>	0.356813	0.173452	2.057128	0.039673898	0.734301946
<i>HERPUD1</i>	-0.196352	0.095459	-2.056924	0.039693568	0.734301946
<i>CPLANE2</i>	1.07898	0.525378	2.053721	0.04000267	0.738938211
<i>ARHGDIB</i>	0.136773	0.066649	2.052142	0.040155833	0.739000925
<i>MYO1C</i>	-0.555726	0.270812	-2.052075	0.040162393	0.739000925
<i>EMC7</i>	0.255531	0.12459	2.050983	0.040268632	0.739000925
<i>ARMC2</i>	1.271583	0.620013	2.050898	0.04027685	0.739000925
<i>TMEM154</i>	0.329512	0.160685	2.050676	0.040298507	0.739000925
<i>RASA4</i>	0.601647	0.29358	2.049346	0.040428269	0.740306056
<i>ENSG00000262429</i>	0.937988	0.4586	2.04533	0.040822294	0.743590377
<i>FCRLB</i>	-1.487255	0.72729	-2.044927	0.040862071	0.743590377
<i>UBLCP1</i>	-0.428732	0.209658	-2.04491	0.040863764	0.743590377
<i>SERPINF1</i>	-0.839981	0.411	-2.04375	0.040978289	0.743590377
<i>ENSG00000273188</i>	0.831819	0.407032	2.043621	0.040991024	0.743590377
<i>EHD1</i>	0.290315	0.14211	2.042895	0.041062799	0.743590377

<i>VOPP1</i>	-0.258127	0.126357	-2.042846	0.041067733	0.743590377
<i>FGD2</i>	0.242216	0.118574	2.042737	0.041078439	0.743590377
<i>DNAH1</i>	0.99446	0.487061	2.041756	0.041175748	0.744285511
<i>DDX24</i>	0.195025	0.095587	2.040278	0.04132261	0.745873118
<i>NAA30</i>	-0.50431	0.247411	-2.038346	0.041515383	0.748283678
<i>FAM81A</i>	-1.704392	0.836882	-2.036599	0.041690239	0.750364906
<i>TMEM65</i>	0.636569	0.31275	2.035396	0.041811031	0.751468529
<i>SUGP2</i>	-0.332255	0.163319	-2.03439	0.041912259	0.752217892
<i>OGFOD3</i>	-0.529047	0.260384	-2.031797	0.042174184	0.755845121
<i>MYBL2</i>	-1.465411	0.721794	-2.030233	0.04233281	0.756548845
<i>ABLIM2</i>	-0.645798	0.318091	-2.03023	0.042333204	0.756548845
<i>ENSG00000257275</i>	-0.288028	0.141951	-2.029061	0.042452064	0.757005681
<i>CD27</i>	-1.119643	0.552008	-2.028311	0.042528478	0.757005681
<i>RESF1</i>	-0.243124	0.11993	-2.027218	0.042640159	0.757005681
<i>HNRNPH2</i>	0.267236	0.131891	2.026185	0.042745826	0.757005681
<i>TGIF2</i>	-0.355489	0.175477	-2.025842	0.042781016	0.757005681
<i>ATP2B1</i>	-0.176809	0.087277	-2.025838	0.042781353	0.757005681
<i>SLC9A9</i>	0.474443	0.234225	2.025588	0.042806983	0.757005681
<i>HMGN1</i>	-0.124636	0.06154	-2.025285	0.042838074	0.757005681
<i>RAB4A</i>	-0.289522	0.143073	-2.023605	0.043010769	0.758495733
<i>PTP4A3</i>	1.258874	0.622664	2.021755	0.043201708	0.758495733
<i>TMEM30A</i>	-0.38882	0.192363	-2.02128	0.043250811	0.758495733
<i>EAF2</i>	0.301543	0.149207	2.020969	0.043282976	0.758495733
<i>CIZ1</i>	0.333585	0.165114	2.02033	0.043349151	0.758495733
<i>SYNGAP1</i>	0.674213	0.333836	2.019591	0.043425816	0.758495733
<i>EIF4ENIF1</i>	0.55961	0.277104	2.019493	0.043435976	0.758495733
<i>ISCU</i>	-0.164427	0.081456	-2.01861	0.043527727	0.758495733
<i>CCR7</i>	0.205454	0.101879	2.016647	0.043732366	0.758495733
<i>ENSG00000179743</i>	0.378122	0.187524	2.016387	0.043759479	0.758495733
<i>DNAL1</i>	0.540311	0.26798	2.016231	0.043775798	0.758495733
<i>QSOX2</i>	-0.481164	0.238749	-2.015354	0.043867569	0.758495733
<i>MTRR</i>	-0.601987	0.298807	-2.014634	0.04394301	0.758495733
<i>MAP3K7CL</i>	0.912051	0.453039	2.013185	0.044095152	0.758495733
<i>MR1</i>	0.388923	0.193249	2.01255	0.044161986	0.758495733
<i>ENSG00000273702</i>	0.617712	0.307071	2.011627	0.04425924	0.758495733
<i>FASTK</i>	0.233334	0.116001	2.011473	0.044275569	0.758495733
<i>GOLGA2</i>	-0.430175	0.21392	-2.010911	0.044334909	0.758495733
<i>MCM5</i>	0.345623	0.171879	2.01085	0.044341311	0.758495733
<i>KNL1</i>	0.644069	0.320452	2.009877	0.04444423	0.758495733
<i>ENSG00000276728</i>	0.447097	0.222451	2.009866	0.044445357	0.758495733
<i>PATJ</i>	0.566934	0.282083	2.009815	0.044450775	0.758495733
<i>WWP2</i>	-0.519236	0.25836	-2.009737	0.044459074	0.758495733
<i>TYW3</i>	-0.382347	0.190284	-2.009345	0.044500576	0.758495733
<i>CBY1</i>	-0.756685	0.376628	-2.009105	0.044525994	0.758495733
<i>CLN8</i>	-0.348765	0.173658	-2.008347	0.044606436	0.758495733
<i>CWC27</i>	0.307716	0.153234	2.008153	0.044627045	0.758495733
<i>RBIS</i>	-0.191284	0.095255	-2.008121	0.044630416	0.758495733



<i>FLII</i>	-0.354527	0.176574	-2.007812	0.044663302	0.758495733
<i>SKIL</i>	0.265892	0.132516	2.006484	0.044804596	0.759071263
<i>GID8</i>	-0.248046	0.12366	-2.005877	0.044869426	0.759071263
<i>MAGEF1</i>	0.329518	0.164282	2.005802	0.044877423	0.759071263
<i>SNN</i>	0.403436	0.201253	2.00462	0.045003695	0.760189425
<i>TXLNB</i>	-1.284842	0.642049	-2.001158	0.045375354	0.762899353
<i>CDKN1A</i>	0.362049	0.180946	2.000872	0.045406215	0.762899353
<i>LINC01800</i>	-1.431797	0.71568	-2.000612	0.045434225	0.762899353
<i>RAB5IF</i>	-0.225589	0.11279	-2.000088	0.045490769	0.762899353
<i>CPTP</i>	-0.469557	0.23484	-1.99948	0.045556467	0.762899353
<i>ATM</i>	0.218922	0.109499	1.99931	0.045574812	0.762899353
<i>MARK4</i>	-0.843457	0.421897	-1.999199	0.045586784	0.762899353
<i>MCM9</i>	0.482461	0.241467	1.998042	0.045712136	0.763794243
<i>TCTN1</i>	-0.598982	0.299852	-1.99759	0.045761159	0.763794243
<i>RABAC1</i>	0.166206	0.083371	1.993556	0.046200616	0.770111849
<i>CLIC4</i>	-0.420929	0.211216	-1.992883	0.046274287	0.770323612
<i>KCTD20</i>	-0.334211	0.167882	-1.990752	0.046508139	0.773197807
<i>HSD17B14</i>	-1.507572	0.757755	-1.989523	0.04664348	0.774428877
<i>MRNIP</i>	0.283273	0.142448	1.988607	0.046744586	0.775089042
<i>CCR9</i>	2.068483	1.040811	1.987377	0.04688067	0.776326697
<i>BCAS4</i>	0.327796	0.165015	1.986457	0.04698256	0.776995616
<i>ARHGEF9</i>	0.420172	0.21162	1.985501	0.047088787	0.777734403
<i>LEPROTL1</i>	0.345382	0.174029	1.984621	0.047186667	0.778333594
<i>NQO1</i>	1.17675	0.593213	1.983688	0.04729064	0.779031607
<i>SGMS1</i>	0.463294	0.233819	1.981423	0.047543863	0.781354689
<i>HIP1R</i>	0.276783	0.139727	1.98088	0.047604729	0.781354689
<i>TERF2IP</i>	0.238609	0.120494	1.980254	0.047674958	0.781354689
<i>S100A6</i>	-0.444495	0.22453	-1.979671	0.04774049	0.781354689
<i>L3MBTL1</i>	-1.064023	0.537475	-1.979668	0.047740864	0.781354689
<i>PACS1</i>	0.277686	0.140382	1.978078	0.047919937	0.783200105
<i>ENSG00000282393</i>	0.921454	0.465953	1.977567	0.047977593	0.783200105
<i>PLSCR1</i>	-0.380906	0.192667	-1.977017	0.048039728	0.783202533
<i>ARHGEF3</i>	0.457083	0.231327	1.975916	0.048164266	0.784221006
<i>TACC3</i>	0.379616	0.192209	1.975023	0.048265574	0.784367271
<i>ENTPD1</i>	-0.395833	0.200448	-1.974742	0.048297407	0.784367271
<i>MREG</i>	-1.043232	0.52844	-1.974172	0.048362222	0.784411642
<i>GRAP</i>	0.406186	0.205906	1.972674	0.048532713	0.785201836
<i>LINC01857</i>	0.408394	0.207028	1.972652	0.04853523	0.785201836
<i>NAPA</i>	-0.375885	0.19064	-1.971704	0.048643368	0.785588294
<i>GABARAPL1</i>	0.614577	0.311754	1.971353	0.048683469	0.785588294
<i>ARL16</i>	-0.377823	0.191777	-1.970118	0.0488248	0.785909779
<i>GARS</i>	0.35652	0.180966	1.970092	0.048827794	0.785909779
<i>SLC51A</i>	1.010721	0.513342	1.968905	0.048964038	0.787100028
<i>MAP4</i>	-0.258308	0.131281	-1.967593	0.04911492	0.788522256
<i>ZFAND2B</i>	-0.259967	0.132169	-1.966935	0.049190696	0.788736604
<i>ENSG00000265206</i>	-0.210333	0.107078	-1.964296	0.049495804	0.791826839

<b>Cluster 2</b>	<b>log2FC</b>	<b>lfcSE</b>	<b>stat</b>	<b>pvalue</b>	<b>padj</b>
<i>VPREB3</i>	3.034294	0.09097	33.35473	< 2.22e-16	< 2.22e-16
<i>CD38</i>	3.051433	0.245412	12.433914	< 2.22e-16	< 2.22e-16
<i>PLAAT4</i>	2.141232	0.191363	11.189352	< 2.22e-16	< 2.22e-16
<i>RARA.AS1</i>	2.480806	0.3052	8.128454	4.35E-16	9.66E-13
<i>AHI1</i>	1.631033	0.201404	8.098314	5.57E-16	9.90E-13
<i>DUS2</i>	1.54804	0.1959	7.902192	2.74E-15	4.06E-12
<i>SLC12A4</i>	2.387136	0.30835	7.741645	9.81E-15	1.25E-11
<i>RRBP1</i>	1.550321	0.20328	7.626543	2.41E-14	2.68E-11
<i>FCRL1</i>	1.141723	0.153163	7.454285	9.04E-14	8.92E-11
<i>P2RX5.TAX1BP3</i>	1.854819	0.255359	7.263568	3.77E-13	3.35E-10
<i>LCAT</i>	2.825853	0.39723	7.113893	1.13E-12	NA
<i>RAB37</i>	1.279916	0.185126	6.913766	4.72E-12	3.81E-09
<i>TRABD</i>	0.633739	0.092243	6.870337	6.41E-12	4.74E-09
<i>CD1D</i>	2.367338	0.346709	6.828033	8.61E-12	5.88E-09
<i>CD72</i>	0.992145	0.146633	6.766193	1.32E-11	8.39E-09
<i>P2RX5</i>	1.032489	0.153563	6.723568	1.77E-11	1.05E-08
<i>SPRY1</i>	1.113203	0.170928	6.512705	7.38E-11	4.10E-08
<i>FAM3C</i>	0.701706	0.109645	6.399772	1.56E-10	8.13E-08
<i>SEPTIN9</i>	0.600936	0.094237	6.376852	1.81E-10	8.92E-08
<i>ICAM2</i>	0.911121	0.14622	6.231178	4.63E-10	2.17E-07
<i>DENND6B</i>	1.960659	0.315262	6.219136	5.00E-10	2.22E-07
<i>AGPAT5</i>	0.788069	0.127548	6.178608	6.47E-10	2.74E-07
<i>MRPS6</i>	0.867285	0.145842	5.946723	2.74E-09	1.10E-06
<i>AGO1</i>	1.077876	0.182502	5.906115	3.50E-09	1.35E-06
<i>DPEP2</i>	0.984316	0.167034	5.892897	3.79E-09	1.41E-06
<i>PNOC</i>	1.384339	0.242749	5.702745	1.18E-08	4.19E-06
<i>SIGIRR</i>	0.770474	0.137781	5.592008	2.24E-08	7.67E-06
<i>RMDN2</i>	1.974604	0.357137	5.528988	3.22E-08	1.06E-05
<i>DBNL</i>	0.547936	0.100017	5.478442	4.29E-08	1.36E-05
<i>LINC.PINT</i>	0.581551	0.109126	5.329166	9.87E-08	3.02E-05
<i>MPEG1</i>	1.15014	0.21742	5.289932	1.22E-07	3.62E-05
<i>PLAAT3</i>	2.976095	0.575361	5.172568	2.31E-07	NA
<i>CD79B</i>	0.31698	0.061772	5.131428	2.88E-07	8.24E-05
<i>MS4A1</i>	-0.511386	0.100792	-5.073662	3.90E-07	0.000108362
<i>ANAPC16</i>	0.329325	0.065126	5.056728	4.27E-07	0.000114848
<i>GRN</i>	0.717523	0.146776	4.888571	1.02E-06	0.000265457
<i>ATXN10</i>	0.636677	0.137254	4.638691	3.51E-06	0.000890181
<i>CD180</i>	0.806356	0.17532	4.599329	4.24E-06	0.001046215
<i>C12orf65</i>	0.638003	0.141541	4.507559	6.56E-06	0.001574925
<i>H3F3A</i>	0.377295	0.085155	4.430708	9.39E-06	0.002196346
<i>CLEC17A</i>	0.901524	0.203849	4.422517	9.76E-06	0.002222817
<i>FAM117A</i>	0.690666	0.157203	4.393468	1.12E-05	0.002478231
<i>NCF1</i>	0.315745	0.072588	4.349795	1.36E-05	0.002953296
<i>SLC5A3</i>	0.760359	0.175875	4.32329	1.54E-05	0.003252263
<i>SMAD3</i>	0.725938	0.168691	4.303366	1.68E-05	0.003424573
<i>GBP4</i>	0.648942	0.150861	4.301597	1.70E-05	0.003424573

<i>MRPS36</i>	0.4364	0.101629	4.294071	1.75E-05	0.003464082
<i>CD83</i>	-0.307799	0.073406	-4.193126	2.75E-05	0.005314908
<i>RABGAP1L</i>	0.662136	0.158571	4.175634	2.97E-05	0.005618159
<i>PTK2B</i>	0.61848	0.149258	4.143692	3.42E-05	0.00620956
<i>PXK</i>	0.524563	0.126607	4.143253	3.42E-05	0.00620956
<i>JAK1</i>	0.345714	0.083953	4.117949	3.82E-05	0.006793517
<i>FOXO3</i>	1.06231	0.258502	4.10949	3.97E-05	0.006909032
<i>C16orf54</i>	0.727527	0.177723	4.09361	4.25E-05	0.007257618
<i>CD22</i>	0.692782	0.170625	4.060254	4.90E-05	0.008164017
<i>FCER2</i>	1.426549	0.351588	4.057445	4.96E-05	0.008164017
<i>SPOCK2</i>	0.589008	0.145329	4.052919	5.06E-05	0.008172292
<i>PLEKHO1</i>	0.548176	0.135903	4.033581	5.49E-05	0.008716723
<i>CXCR4</i>	0.167131	0.041666	4.011164	6.04E-05	0.009419179
<i>CD79A</i>	0.467968	0.116992	3.999995	6.33E-05	0.009594201
<i>RINL</i>	0.57086	0.142763	3.99866	6.37E-05	0.009594201
<i>ENSG00000225489</i>	1.243173	0.313387	3.966893	7.28E-05	0.010784007
<i>RUBCN</i>	-0.620071	0.157412	-3.939163	8.18E-05	0.01191106
<i>IRAK2</i>	0.943004	0.239851	3.931624	8.44E-05	0.012092674
<i>CHST15</i>	0.796998	0.203098	3.924198	8.70E-05	0.012273864
<i>ZNF595</i>	1.278442	0.32695	3.910205	9.22E-05	0.012645263
<i>WWP2</i>	0.901898	0.230696	3.909471	9.25E-05	0.012645263
<i>CPNE5</i>	1.003339	0.256921	3.905251	9.41E-05	0.012673004
<i>ATP6VOA1</i>	0.824013	0.213807	3.854012	0.0001162	0.015410946
<i>HSH2D</i>	0.352237	0.09204	3.827006	0.00012971	0.016950204
<i>LINC02397</i>	0.377386	0.09976	3.782944	0.00015499	0.019831511
<i>NUP210</i>	0.456328	0.120691	3.780961	0.00015622	0.019831511
<i>NAGPA.AS1</i>	2.091888	0.554679	3.77135	0.00016237	NA
<i>DPEP3</i>	2.176361	0.578113	3.764595	0.00016682	NA
<i>C8orf89</i>	2.214185	0.58949	3.756103	0.00017258	NA
<i>SLC25A45</i>	0.892522	0.23864	3.740032	0.000184	0.0230281
<i>KLF8</i>	0.641582	0.171802	3.734421	0.00018815	0.023220539
<i>SERPINB6</i>	0.770903	0.206916	3.725674	0.00019479	0.023711477
<i>NFATC3</i>	0.526412	0.141463	3.721197	0.00019828	0.023809719
<i>GPR183</i>	-0.573418	0.154236	-3.717788	0.00020098	0.023811467
<i>SLC2A5</i>	1.11038	0.298976	3.713938	0.00020406	0.02385875
<i>DCK</i>	0.300162	0.08092	3.70936	0.00020778	0.023892997
<i>VNN2</i>	0.687887	0.185564	3.707	0.00020973	0.023892997
<i>LINC00513</i>	0.64305	0.173747	3.701079	0.00021469	0.024147948
<i>TNFRSF13B</i>	-1.719854	0.466864	-3.683844	0.00022974	0.025449635
<i>LY86</i>	-0.368345	0.100057	-3.681369	0.00023199	0.025449635
<i>TNFRSF18</i>	-2.210402	0.603909	-3.660155	0.00025206	0.027314967
<i>TGFBR2</i>	-0.479643	0.131921	-3.635837	0.00027708	0.029664207
<i>DDIT4</i>	1.044095	0.288007	3.625242	0.00028869	0.030396426
<i>IRF4</i>	0.830838	0.229298	3.623396	0.00029076	0.030396426
<i>ST3GAL1</i>	0.722354	0.199544	3.620025	0.00029457	0.030437048
<i>MAPKAPK2</i>	0.739362	0.20576	3.593326	0.00032648	0.033346417
<i>ENSG00000263394</i>	0.863715	0.24097	3.584331	0.00033794	0.034124546

<i>ICA1</i>	3.909597	1.103795	3.541959	0.00039717	NA
<i>ZFP36L1</i>	-0.331665	0.09443	-3.512286	0.00044427	0.044357121
<i>ATP6V1E1</i>	0.453004	0.129498	3.498151	0.0004685	0.0462562
<i>BTBD7</i>	0.564849	0.162038	3.485898	0.00049049	0.047895408
<i>ZNF563</i>	0.885071	0.255207	3.468046	0.00052426	0.050636435
<i>POLM</i>	0.453001	0.131241	3.451675	0.00055712	0.053231787
<i>SLC43A2</i>	0.455163	0.13226	3.441422	0.00057867	0.054702305
<i>CD82</i>	-0.492381	0.143432	-3.432846	0.00059728	0.05586772
<i>CDKN1A</i>	0.583798	0.170294	3.428168	0.00060767	0.056247438
<i>NAPSA</i>	1.538831	0.449544	3.423095	0.00061913	NA
<i>FCMR</i>	0.435349	0.12748	3.41505	0.0006377	0.056985812
<i>TMEM154</i>	0.483157	0.141506	3.414389	0.00063925	0.056985812
<i>SNX18</i>	0.792416	0.232295	3.411253	0.00064665	0.056985812
<i>IRF2BPL</i>	0.982681	0.288097	3.410937	0.0006474	0.056985812
<i>XYLT1</i>	0.788127	0.231068	3.410806	0.00064771	0.056985812
<i>NMT2</i>	-0.535934	0.157922	-3.393663	0.00068965	0.060080327
<i>ADD1</i>	0.492168	0.145328	3.386614	0.00070761	0.061046617
<i>SMARCB1</i>	0.335671	0.099216	3.383247	0.00071634	0.061205906
<i>VPREB1</i>	2.942504	0.873941	3.366938	0.00076008	0.064324317
<i>LINC02132</i>	1.439941	0.427899	3.365144	0.00076504	NA
<i>S100A4</i>	-0.955883	0.284539	-3.359414	0.00078108	0.065477983
<i>CENPQ</i>	0.829763	0.247661	3.350393	0.00080697	0.067016196
<i>ZNF594</i>	0.89897	0.269653	3.333805	0.00085667	0.070484568
<i>PCBP1</i>	-0.283969	0.085288	-3.329518	0.00086996	0.070821831
<i>SNRPD3</i>	0.332836	0.10003	3.327368	0.00087671	0.070821831
<i>CSTF1</i>	0.635894	0.192474	3.303795	0.00095386	0.076360032
<i>CABLES1</i>	-1.757833	0.534508	-3.288696	0.00100653	0.07985718
<i>AKAP12</i>	2.524871	0.770353	3.27755	0.00104712	NA
<i>SEL1L3</i>	0.569252	0.174335	3.265266	0.00109361	0.085998498
<i>CIB1</i>	0.31545	0.096709	3.261859	0.00110684	0.086275488
<i>PIGX</i>	-1.144981	0.353234	-3.241423	0.00118935	0.091900174
<i>CALHM6</i>	0.40424	0.124858	3.237601	0.00120539	0.092337292
<i>CHP1</i>	-0.477359	0.147973	-3.225978	0.00125543	0.095348431
<i>P2RY8</i>	0.493458	0.153215	3.22069	0.00127883	0.096302025
<i>CCNG1</i>	-0.409235	0.127266	-3.215594	0.00130175	0.096562933
<i>GMFG</i>	0.220015	0.068432	3.215093	0.00130402	0.096562933
<i>PPP1R15B</i>	0.713021	0.222123	3.21003	0.00132721	0.097467707
<i>FCHO1</i>	0.698151	0.217973	3.202923	0.0013604	0.098762607
<i>NKAPL</i>	1.728687	0.539817	3.202356	0.00136308	NA
<i>SNAP23</i>	0.317389	0.099137	3.201515	0.00136707	0.098762607
<i>MTG1</i>	0.65184	0.203817	3.198161	0.00138307	0.099112725
<i>ETFB</i>	0.492788	0.154321	3.193273	0.0014067	0.099999538
<i>UROS</i>	0.509674	0.159764	3.190176	0.00142186	0.100275034
<i>ZNF3</i>	0.558199	0.175475	3.181083	0.00146726	0.102661612
<i>LINC02649</i>	1.32698	0.417498	3.178408	0.00148086	NA
<i>ENSG00000214797</i>	1.716383	0.540774	3.173937	0.00150386	NA
<i>ENSG00000231760</i>	1.899841	0.598717	3.173187	0.00150775	NA

GPX1	0.321333	0.101854	3.154853	0.00160579	0.111010085
ENSG00000262292	0.869054	0.275557	3.153807	0.00161156	0.111010085
SCN4A	2.275882	0.723333	3.146383	0.00165303	NA
EMC6	-0.455152	0.145744	-3.122961	0.00179042	0.122381819
CD47	-0.285346	0.091687	-3.11218	0.00185711	0.125971707
PSMB10	0.362142	0.116465	3.109448	0.00187437	0.126031766
PELI1	-1.065683	0.342932	-3.107564	0.00188636	0.126031766
ENSG00000277602	1.495227	0.482609	3.098213	0.00194692	NA
DNAJC7	0.325543	0.105174	3.095292	0.00196619	0.130384826
MFSD10	-0.418778	0.135428	-3.092248	0.00198647	0.13065308
MARCKS	-0.784003	0.253699	-3.090285	0.00199964	0.13065308
ATF6	-0.74151	0.240761	-3.079863	0.00207096	0.134325088
AP3B1	0.58747	0.191602	3.066091	0.00216877	0.138756114
SIDT1	-0.697752	0.227588	-3.065852	0.0021705	0.138756114
ENSG00000271204	0.54742	0.17905	3.057353	0.00223301	0.141732498
SFXN2	1.435299	0.470387	3.051315	0.00227842	NA
SNAPC2	-0.78357	0.25796	-3.037565	0.00238498	0.150304588
GCHFR	-0.630412	0.209066	-3.015379	0.00256658	0.159947013
ENSG00000273319	0.451729	0.149852	3.014506	0.00257398	0.159947013
CENPM	0.568498	0.188962	3.008537	0.00262509	0.161990065
SPINT2	-0.308891	0.10275	-3.006234	0.00264505	0.162096034
ARHGAP15	0.305227	0.102058	2.99071	0.0027833	0.169025782
PAOX	0.671463	0.224622	2.9893	0.00279617	0.169025782
MAPK1	-0.470702	0.157934	-2.980377	0.00287893	0.172852755
FAM86C1	1.354672	0.455096	2.976671	0.00291397	NA
TFG	0.467798	0.158542	2.950626	0.00317131	0.187535564
COA1	0.400695	0.135852	2.949499	0.00318289	0.187535564
INPP5B	0.694187	0.235388	2.949121	0.0031868	0.187535564
CXCR5	0.440628	0.149564	2.94608	0.00321829	0.188143029
SH2B2	1.685222	0.572054	2.945912	0.00322004	NA
ENSG00000254777	2.094552	0.715085	2.929094	0.00339951	NA
EWSR1	0.386306	0.131894	2.928921	0.00340141	0.197548355
ZNF44	0.489026	0.167242	2.924056	0.00345502	0.199359236
MCL1	0.35031	0.120005	2.919137	0.00351002	0.200392536
RESF1	-0.385416	0.132063	-2.918426	0.00351803	0.200392536
KCNN1	1.972787	0.678895	2.905879	0.00366223	NA
GPBR1	-2.128222	0.736459	-2.889802	0.00385484	NA
FDFT1	0.339286	0.117431	2.889244	0.00386169	0.21856695
ERAP1	0.620592	0.215271	2.88284	0.00394108	0.22026481
LHFPL2	1.223049	0.424254	2.882825	0.00394127	0.22026481
IFNAR2	0.43595	0.151788	2.872093	0.00407763	0.226461374
MAP3K2	-0.51615	0.179882	-2.869382	0.00411275	0.226847466
ENSG00000273783	1.875864	0.653948	2.868521	0.00412396	NA
RNPEPL1	0.498494	0.173835	2.867626	0.00413564	0.226847466
ARHGEF3	0.639045	0.223016	2.865463	0.004164	0.227001588
HIVEP3	1.353874	0.472499	2.865347	0.00416553	NA
TSPAN18	2.510452	0.87804	2.859154	0.00424772	NA

<i>ANKRD36C</i>	-0.718136	0.251199	-2.858828	0.00425209	0.230390513
<i>FADS3</i>	-0.369165	0.129286	-2.855411	0.00429811	0.230759865
<i>NRM</i>	0.516376	0.180901	2.854472	0.00431084	0.230759865
<i>ENSG00000253535</i>	0.895944	0.315156	2.84286	0.00447108	0.236567569
<i>MYC</i>	0.395322	0.139216	2.839628	0.00451662	0.236567569
<i>ATP5F1B</i>	0.290086	0.10222	2.837852	0.00454182	0.236567569
<i>FLOT1</i>	0.383436	0.13521	2.835859	0.00457026	0.236567569
<i>ZNF581</i>	-0.32674	0.115232	-2.835499	0.00457541	0.236567569
<i>SLC44A2</i>	0.315237	0.111185	2.835244	0.00457907	0.236567569
<i>FGF9</i>	2.99957	1.05902	2.832403	0.00461996	NA
<i>MZB1</i>	-0.559387	0.197594	-2.830985	0.00464049	0.238354846
<i>APOL3</i>	0.495284	0.175483	2.822402	0.00476655	0.240899862
<i>EFCAB5</i>	1.247835	0.442375	2.820763	0.00479096	0.240899862
<i>SLC27A5</i>	-0.988445	0.350448	-2.820516	0.00479465	0.240899862
<i>HOXB3</i>	2.793942	0.991072	2.819112	0.00481567	NA
<i>ZNF780A</i>	0.641343	0.227503	2.819056	0.00481651	0.240899862
<i>SELL</i>	0.58601	0.20799	2.817496	0.00483997	0.240899862
<i>MYO9B</i>	0.409979	0.145555	2.816653	0.0048527	0.240899862
<i>EIF2AK4</i>	-0.783045	0.278371	-2.812958	0.0049088	0.241298667
<i>LINC02062</i>	1.597238	0.567814	2.812957	0.00490882	NA
<i>C7orf50</i>	-0.320533	0.114035	-2.810838	0.00494127	0.241298667
<i>POP7</i>	-0.534824	0.190298	-2.810452	0.0049472	0.241298667
<i>PSMC6</i>	0.320808	0.114207	2.809014	0.00496935	0.241298667
<i>STMN3</i>	0.435974	0.155477	2.804099	0.00504574	0.243676164
<i>TCIRG1</i>	-0.613782	0.219326	-2.798488	0.00513425	0.246610727
<i>DMD</i>	-0.635901	0.227852	-2.790848	0.00525702	0.251149959
<i>ENSG00000283013</i>	0.401087	0.143879	2.787674	0.00530879	0.251525614
<i>ENSG00000251364</i>	1.165921	0.418594	2.785323	0.00534744	NA
<i>KDM2B</i>	0.450505	0.161748	2.78523	0.00534898	0.251525614
<i>CAPRIN2</i>	-0.995901	0.357572	-2.78518	0.0053498	0.251525614
<i>USF3</i>	-0.440345	0.158205	-2.783378	0.00537961	0.251595712
<i>UBE2E1</i>	0.379504	0.136444	2.781383	0.00541279	0.251822086
<i>MCM7</i>	0.465233	0.16746	2.77817	0.0054666	0.251874484
<i>ENSG00000227486</i>	0.413467	0.14884	2.777932	0.0054706	0.251874484
<i>CCDC154</i>	1.246366	0.449052	2.775546	0.00551092	NA
<i>TMEM38B</i>	0.566989	0.204503	2.772516	0.00556248	0.254784475
<i>C1orf159</i>	-1.512527	0.545962	-2.770386	0.00559899	NA
<i>ENSG00000230709</i>	-1.846118	0.66723	-2.766841	0.00566024	NA
<i>ENSG00000259802</i>	1.930093	0.701928	2.7497	0.00596498	NA
<i>FCGRT</i>	0.364299	0.132491	2.74961	0.00596663	0.271894637
<i>TENT5C</i>	-0.415571	0.151488	-2.743262	0.00608321	0.275792631
<i>MAP3K1</i>	0.423318	0.154406	2.741587	0.00611433	0.275796412
<i>UBB</i>	0.214956	0.078454	2.739879	0.00614619	0.275833405
<i>GPR146</i>	-0.804629	0.294723	-2.730122	0.00633109	0.281446068
<i>LINC00926</i>	0.220367	0.08073	2.7297	0.0063392	0.281446068
<i>MOB3C</i>	0.776791	0.284717	2.728295	0.00636627	0.281446068
<i>HTR3A</i>	1.272951	0.467018	2.725697	0.00641659	NA

<i>TBC1D22B</i>	0.830079	0.304612	2.725032	0.00642952	0.282835297
<i>CYBA</i>	0.230959	0.084831	2.722578	0.00647747	0.283541055
<i>TLE3</i>	-0.411522	0.15138	-2.718459	0.00655868	0.285688442
<i>PAXIP1.AS2</i>	0.676074	0.250911	2.694474	0.00704997	0.305590517
<i>GTPBP8</i>	-0.778239	0.289022	-2.692662	0.00708842	0.30576543
<i>EPHB6</i>	-0.719319	0.267679	-2.687248	0.00720435	0.309264875
<i>CLDND2</i>	1.011259	0.377235	2.68071	0.00734661	0.313855824
<i>SLC38A2</i>	-0.399758	0.150721	-2.652309	0.00799434	0.338718053
<i>PCBP4</i>	-1.321227	0.498239	-2.651795	0.0080065	0.338718053
<i>HLA.DMB</i>	0.25139	0.094872	2.649788	0.00805423	0.338718053
<i>ENSG00000224505</i>	0.426816	0.161235	2.647171	0.00811682	0.338718053
<i>PLP2</i>	-0.491261	0.18562	-2.646596	0.00813065	0.338718053
<i>LGALS1</i>	-0.970207	0.366836	-2.644796	0.00817402	0.338718053
<i>ABI3</i>	0.47154	0.178349	2.643912	0.00819541	0.338718053
<i>MEF2A</i>	0.453422	0.171716	2.640542	0.00827736	0.340521563
<i>KCTD21.AS1</i>	1.120297	0.424467	2.639303	0.00830768	NA
<i>SPIB</i>	0.293631	0.111291	2.638402	0.00832978	0.341098651
<i>RUNX2</i>	3.85235	1.462854	2.633447	0.0084523	NA
<i>ZNF419</i>	0.614211	0.233534	2.630072	0.00853669	0.34612604
<i>KEAP1</i>	0.975044	0.370889	2.628941	0.00856513	0.34612604
<i>FTH1</i>	-0.129098	0.049147	-2.626785	0.00861958	0.34612604
<i>FCRL2</i>	0.52605	0.200312	2.626155	0.00863556	0.34612604
<i>DNMT3A</i>	0.854599	0.325598	2.624706	0.00867238	0.34612604
<i>GYPC</i>	0.251402	0.095844	2.623036	0.00871501	0.34612604
<i>PGK1</i>	0.326832	0.12462	2.622637	0.00872521	0.34612604
<i>PLXNB2</i>	1.530281	0.584206	2.619419	0.00880796	NA
<i>NIPAL4</i>	1.428364	0.545399	2.618933	0.00882052	NA
<i>VHL</i>	0.311016	0.118799	2.618009	0.00884444	0.346257513
<i>IKZF1</i>	0.372212	0.142221	2.617147	0.00886681	0.346257513
<i>SNX2</i>	0.22646	0.086557	2.616324	0.00888822	0.346257513
<i>GABPB1</i>	0.250804	0.095882	2.615766	0.00890275	0.346257513
<i>PHF6</i>	-0.606867	0.232193	-2.613631	0.00895858	0.346257513
<i>GIT2</i>	0.287888	0.110155	2.613488	0.00896233	0.346257513
<i>HLA.DMA</i>	0.248027	0.094997	2.61089	0.00903068	0.347388027
<i>SHISAL2A</i>	0.302659	0.11619	2.604852	0.00919141	0.350651463
<i>MIEF2</i>	0.738812	0.28375	2.603739	0.00922131	0.350651463
<i>PRDM4</i>	0.684546	0.262956	2.603271	0.0092339	0.350651463
<i>LRPAP1</i>	0.317244	0.121959	2.601228	0.00928906	0.351245008
<i>ARID4B</i>	0.257501	0.099055	2.599575	0.00933394	0.351446627
<i>PUS1</i>	0.649057	0.250024	2.595983	0.00943207	0.352762648
<i>LSP1</i>	0.248013	0.095611	2.593992	0.00948688	0.352762648
<i>PPP1R18</i>	0.343389	0.132447	2.592651	0.00952395	0.352762648
<i>ENSG00000089127</i>	0.493801	0.190487	2.592306	0.0095335	0.352762648
<i>OS9</i>	0.311454	0.120202	2.591085	0.00956739	0.352762648
<i>CARS2</i>	0.61878	0.239069	2.588287	0.00964544	0.352948343
<i>YARS2</i>	-0.650445	0.251384	-2.587455	0.00966878	0.352948343
<i>NIFK</i>	0.348849	0.134885	2.586274	0.00970198	0.352948343

<i>GALK1</i>	-0.762558	0.295166	-2.583489	0.00978067	0.352948343
<i>WDR11</i>	0.44031	0.170446	2.583281	0.00978657	0.352948343
<i>SLC25A5</i>	-0.199945	0.077425	-2.582429	0.00981074	0.352948343
<i>KRAS</i>	-0.402493	0.156521	-2.571499	0.01012593	0.361266309
<i>AARS</i>	0.586217	0.228026	2.57083	0.01014551	0.361266309
<i>ZKSCAN4</i>	1.012114	0.393788	2.570202	0.01016392	0.361266309
<i>HSPA4L</i>	1.33966	0.521281	2.569939	0.01017163	NA
<i>ENSG00000271937</i>	1.651796	0.642791	2.569724	0.01017796	NA
<i>SMC6</i>	-0.337741	0.131612	-2.566195	0.01028209	0.363816256
<i>POU2AF1</i>	0.279311	0.108928	2.564179	0.01034203	0.363816256
<i>STAU2</i>	0.486674	0.189838	2.563627	0.01035849	0.363816256
<i>GPT2</i>	0.843466	0.329474	2.560034	0.01046619	0.365202267
<i>ZNF555</i>	0.943131	0.368472	2.559571	0.01048015	0.365202267
<i>ALKBH2</i>	0.560683	0.219481	2.554581	0.01063158	0.369032017
<i>C22orf15</i>	1.738637	0.682307	2.548174	0.01082884	NA
<i>CTNNA1</i>	-0.855451	0.336559	-2.541753	0.01102981	0.379982132
<i>DAPK3</i>	0.539287	0.212179	2.541666	0.01103257	0.379982132
<i>ILVBL</i>	0.635741	0.250395	2.538947	0.01111868	0.3813939
<i>SC5D</i>	-0.483658	0.190592	-2.537667	0.0111594	0.3813939
<i>CHL1</i>	1.69234	0.667188	2.536526	0.01119583	NA
<i>TRMT10C</i>	0.366775	0.144801	2.53296	0.01131038	0.383660249
<i>CENPS</i>	-0.995926	0.393195	-2.532908	0.01131206	0.383660249
<i>ZNF827</i>	0.8948	0.353365	2.532224	0.01133414	NA
<i>GHRL</i>	0.621355	0.24549	2.531083	0.0113711	0.383967059
<i>MMP11</i>	0.734328	0.290305	2.529505	0.01142235	0.383967059
<i>SHISA5</i>	0.296411	0.117222	2.528634	0.01145074	0.383967059
<i>ETV6</i>	-0.682143	0.270087	-2.52564	0.01154879	0.385787423
<i>WDR5B</i>	0.679952	0.269359	2.524331	0.01159186	0.385787423
<i>TBC1D9</i>	0.596108	0.236281	2.522884	0.01163969	0.385933936
<i>SH3KBP1</i>	-0.299272	0.118762	-2.519926	0.01173796	0.386591191
<i>ADAMTS7</i>	-1.210683	0.48107	-2.516649	0.01184769	0.386591191
<i>TECR</i>	0.312332	0.124113	2.516511	0.01185232	0.386591191
<i>CCDC22</i>	0.551429	0.219126	2.51649	0.01185303	0.386591191
<i>FXYS5</i>	-0.225537	0.089649	-2.515777	0.01187704	0.386591191
<i>ARL14EPL</i>	3.348189	1.331915	2.513816	0.01194328	NA
<i>SEMA4A</i>	1.685778	0.671139	2.511815	0.01201122	NA
<i>ISG20</i>	-0.276371	0.110052	-2.511268	0.01202984	0.390135508
<i>PTP4A3</i>	1.526123	0.607924	2.510384	0.01205999	NA
<i>ZNF202</i>	0.874463	0.348662	2.508058	0.01213968	0.392266158
<i>U2SURP</i>	0.25854	0.103205	2.505101	0.01224165	0.394127967
<i>TMEM263</i>	0.490411	0.195942	2.502839	0.01232016	0.39522346
<i>XPO4</i>	0.501553	0.200749	2.49841	0.01247518	0.397390593
<i>GRK5</i>	-0.541747	0.216888	-2.497816	0.01249609	0.397390593
<i>PDIA3</i>	0.36076	0.144472	2.497086	0.01252187	0.397390593
<i>PARP14</i>	-0.312246	0.125252	-2.49293	0.01266939	0.400641302
<i>PWP1</i>	0.306952	0.123206	2.491378	0.01272488	0.40096913
<i>EPN1</i>	0.387759	0.155724	2.490033	0.01277314	0.401067418



<i>CCDC57</i>	-0.43046	0.173047	-2.487538	0.01286308	0.402469378
<i>LINC00996</i>	2.294011	0.923728	2.483427	0.01301251	NA
<i>ENDOD1</i>	0.874248	0.352338	2.48128	0.01309113	0.405752013
<i>BANK1</i>	-0.259879	0.104744	-2.481093	0.01309802	0.405752013
<i>SLC12A2</i>	-0.729747	0.294146	-2.480904	0.01310498	0.405752013
<i>ANKAR</i>	0.499334	0.201877	2.473453	0.01338144	0.411480079
<i>ENSG00000236514</i>	0.845073	0.341661	2.473422	0.0133826	0.411480079
<i>C15orf62</i>	-1.088993	0.441134	-2.468622	0.01356343	0.415519324
<i>RASGEF1B</i>	-0.466615	0.189107	-2.467461	0.01360749	0.415519324
<i>ENSG00000282393</i>	1.231029	0.499614	2.463958	0.01374121	NA
<i>FUT2</i>	1.801679	0.731345	2.463517	0.01375815	NA
<i>PNMA1</i>	-1.047758	0.425494	-2.462448	0.01379923	0.419808282
<i>RBM7</i>	0.339964	0.138122	2.461327	0.01384243	0.419808282
<i>ZNF791</i>	0.333792	0.135957	2.45513	0.01408336	0.423486902
<i>C16orf74</i>	0.372945	0.151927	2.45476	0.01409787	0.423486902
<i>KLHDC7B</i>	0.828158	0.337399	2.454535	0.0141067	0.423486902
<i>INSIG1</i>	0.316616	0.129323	2.44826	0.0143548	0.428431493
<i>ENO1</i>	0.261875	0.106978	2.447933	0.01436784	0.428431493
<i>RNF34</i>	-0.489195	0.200076	-2.445041	0.01448357	0.430438013
<i>SLC16A1</i>	1.073688	0.439156	2.444893	0.01448953	NA
<i>ENSG00000281571</i>	0.821669	0.33659	2.441156	0.01464031	0.433645975
<i>MKNK2</i>	-0.360033	0.147647	-2.438472	0.01474948	0.435428201
<i>PIM2</i>	-0.27375	0.112431	-2.434834	0.01489862	0.436711981
<i>ABCC4</i>	2.534362	1.040917	2.43474	0.01490248	NA
<i>ENSG00000166927</i>	-0.889464	0.365376	-2.434378	0.01491741	0.436711981
<i>ANKZF1</i>	-0.350784	0.144129	-2.43382	0.01494041	0.436711981
<i>ENSG00000223881</i>	1.150294	0.473363	2.430045	0.01509694	NA
<i>PBRM1</i>	-0.474302	0.195232	-2.429428	0.01512266	0.440572674
<i>LZTR1</i>	-1.237756	0.509728	-2.428266	0.01517121	NA
<i>SNRNP35</i>	0.391987	0.161428	2.428256	0.01517165	0.440572674
<i>RFC3</i>	0.797418	0.328658	2.426288	0.01525417	0.441526321
<i>CALCOCO1</i>	0.326282	0.134665	2.422918	0.01539638	0.44300078
<i>CR2</i>	0.810639	0.334599	2.422719	0.01540482	0.44300078
<i>SF3A3</i>	0.387419	0.16003	2.420917	0.01548141	0.443767048
<i>FYTTD1</i>	-0.316992	0.131049	-2.418886	0.01556814	0.444818261
<i>IRF2BP2</i>	-0.560265	0.232293	-2.411892	0.01586999	0.451989593
<i>TACC1</i>	-0.506115	0.210328	-2.406312	0.01611449	0.457045692
<i>CDK13</i>	0.420209	0.174687	2.405499	0.01615039	0.457045692
<i>VTI1A</i>	-0.575207	0.239603	-2.400669	0.01636514	0.459352878
<i>SDHAF3</i>	-0.475127	0.197945	-2.4003	0.01638165	0.459352878
<i>LAMTOR5</i>	-0.178771	0.074485	-2.400096	0.01639078	0.459352878
<i>SLC45A3</i>	0.840447	0.350328	2.399027	0.01643869	0.459352878
<i>UTP23</i>	0.413543	0.172722	2.39427	0.0166535	0.463896532
<i>ABTB2</i>	3.064802	1.282388	2.389918	0.01685212	NA
<i>KANK1</i>	1.314955	0.551143	2.38587	0.01703878	NA
<i>MAMSTR</i>	1.091971	0.457817	2.385171	0.01707119	NA
<i>DNAJC17</i>	-0.645973	0.271057	-2.383164	0.01716456	0.474861359

<i>TRUB1</i>	0.76824	0.322417	2.382757	0.01718353	0.474861359
<i>VPS13A</i>	-0.595074	0.249984	-2.380448	0.01729159	0.474861359
<i>COMMD4</i>	-0.492049	0.206717	-2.380299	0.01729861	0.474861359
<i>TM7SF3</i>	0.475231	0.199803	2.378495	0.01738347	0.474861359
<i>MFNG</i>	0.384512	0.161708	2.377807	0.01741594	0.474861359
<i>SLC12A6</i>	0.363736	0.152978	2.377696	0.0174212	0.474861359
<i>PDE7A</i>	0.260916	0.109863	2.374924	0.01755254	0.476978292
<i>COPS7A</i>	-0.627235	0.264474	-2.371633	0.01770969	0.479781396
<i>DAP3</i>	-0.309069	0.130431	-2.369595	0.0178076	0.480500582
<i>SNX9</i>	0.356089	0.150359	2.368261	0.0178719	0.480500582
<i>ENSG00000255031</i>	-1.318319	0.557231	-2.365837	0.01798936	NA
<i>GLIPR2</i>	0.450073	0.190281	2.365309	0.01801501	0.480500582
<i>VIM</i>	-0.5173	0.218704	-2.365292	0.01801585	0.480500582
<i>CTSS</i>	0.225162	0.095228	2.36444	0.01805735	0.480500582
<i>LBR</i>	0.319211	0.135009	2.364372	0.01806068	0.480500582
<i>RNF207</i>	1.732224	0.733224	2.362475	0.01815338	NA
<i>B3GNTL1</i>	1.125878	0.476798	2.361332	0.01820941	NA
<i>AGBL5</i>	-1.236885	0.523809	-2.361328	0.01820964	NA
<i>HSD17B1</i>	1.094302	0.464091	2.357948	0.01837628	NA
<i>UBE2J2</i>	0.284817	0.120793	2.357889	0.01837918	0.484061438
<i>SESN3</i>	-0.330321	0.140097	-2.357808	0.0183832	0.484061438
<i>UBE2Z</i>	-0.52662	0.223446	-2.35681	0.01843268	0.484061438
<i>RAD50</i>	-0.349128	0.148164	-2.356362	0.0184549	0.484061438
<i>BTG2</i>	-0.245463	0.104181	-2.356121	0.0184669	0.484061438
<i>SATB1</i>	0.389716	0.165505	2.354701	0.01853761	0.484485824
<i>ENSG00000226571</i>	-1.905699	0.80968	-2.353644	0.01859042	NA
<i>SNAI3.AS1</i>	-1.507628	0.640973	-2.352091	0.01866822	NA
<i>ACTN1</i>	2.129071	0.906536	2.34858	0.01884515	NA
<i>SFT2D3</i>	1.190923	0.507385	2.34718	0.01891614	NA
<i>WASF2</i>	0.217863	0.092941	2.344103	0.01907291	0.497014354
<i>YIPF4</i>	0.218657	0.093378	2.341631	0.01919971	0.49885565
<i>CARD8.AS1</i>	0.401919	0.172155	2.334637	0.0195624	0.506797218
<i>C1orf50</i>	0.469816	0.201335	2.333502	0.0196218	0.506858345
<i>ENSG00000253106</i>	1.769714	0.758832	2.332155	0.01969256	NA
<i>COMMD6</i>	-0.154394	0.066234	-2.331024	0.0197521	0.508745396
<i>CD99</i>	-0.458725	0.196888	-2.329877	0.01981263	0.508776722
<i>CYTH4</i>	-0.396739	0.17036	-2.328835	0.01986783	0.508776722
<i>R3HDM1</i>	-0.557268	0.239509	-2.326707	0.01998087	0.510201118
<i>ARL2BP</i>	-0.328278	0.141163	-2.325523	0.02004401	0.510346966
<i>MORC2</i>	-1.425361	0.613413	-2.323655	0.02014398	NA
<i>RNF215</i>	1.241696	0.534851	2.321574	0.02025589	NA
<i>PFDN6</i>	0.275056	0.11848	2.321535	0.02025799	0.514321462
<i>ENSG00000272871</i>	-1.733007	0.74684	-2.320452	0.02031644	NA
<i>ENSG00000238198</i>	1.713099	0.738266	2.320437	0.02031724	NA
<i>ISYNA1</i>	0.707331	0.305038	2.31883	0.02040425	0.515457894
<i>GDPGP1</i>	0.967447	0.417261	2.318563	0.02041877	0.515457894
<i>CKLF</i>	-0.466515	0.201355	-2.316871	0.02051075	0.516313061

<i>HNRNPK</i>	0.172969	0.074706	2.315321	0.02059535	0.516978257
<i>NUMBL</i>	-1.128584	0.487522	-2.314942	0.02061612	NA
<i>CD63</i>	-0.41276	0.178563	-2.311572	0.02080125	0.520675889
<i>HSD3B7</i>	2.214864	0.959043	2.309452	0.0209185	NA
<i>CLIC1</i>	-0.212251	0.091974	-2.307718	0.0210148	0.52154266
<i>TOX2</i>	1.860684	0.806374	2.307472	0.02102854	NA
<i>STK17B</i>	-0.275227	0.119295	-2.307121	0.02104807	0.52154266
<i>MRNIP</i>	0.31072	0.134709	2.306602	0.02107701	0.52154266
<i>CD58</i>	-0.719132	0.311901	-2.30564	0.02113074	0.52154266
<i>UNC79</i>	1.805713	0.783373	2.305048	0.02116389	NA
<i>ORMDL2</i>	-0.36344	0.157685	-2.304841	0.0211755	0.52154266
<i>WDPCP</i>	0.725749	0.314996	2.30399	0.02122318	0.52154266
<i>HNRNPH2</i>	0.300727	0.130548	2.303571	0.02124673	0.52154266
<i>EBNA1BP2</i>	-0.493921	0.214585	-2.301748	0.02134941	0.522619356
<i>C12orf42</i>	-0.46036	0.200278	-2.29861	0.02152708	0.525520868
<i>ENSG00000276476</i>	1.625532	0.707445	2.297749	0.02157609	NA
<i>ENSG00000248559</i>	0.795527	0.34655	2.295563	0.0217009	0.528312905
<i>TNNI2</i>	1.007175	0.439022	2.294135	0.02178275	NA
<i>ENSG00000279278</i>	0.610151	0.265987	2.293914	0.02179541	0.529164062
<i>CD3D</i>	2.458991	1.072589	2.292577	0.02187239	NA
<i>RAB5IF</i>	-0.286447	0.125073	-2.290244	0.0220072	0.532323324
<i>EIF2S3</i>	-0.238107	0.104018	-2.289094	0.02207386	0.532323324
<i>RASA3</i>	0.65652	0.286871	2.288554	0.02210526	0.532323324
<i>DLGAP1.AS1</i>	-0.319341	0.139622	-2.287178	0.02218541	0.532809697
<i>PAG1</i>	-1.016597	0.44471	-2.28598	0.02225542	0.533050306
<i>SLC26A2</i>	-0.813646	0.356499	-2.282322	0.02247035	0.534298316
<i>HIP1</i>	-0.998881	0.437696	-2.282133	0.02248147	0.534298316
<i>SLCO3A1</i>	3.093415	1.356913	2.279745	0.02262284	NA
<i>ZNF821</i>	0.404687	0.177604	2.278596	0.02269107	0.534298316
<i>CD200R1</i>	3.360459	1.475364	2.277715	0.02274357	NA
<i>AP1G2</i>	-0.291607	0.12806	-2.277105	0.02277997	0.534298316
<i>ULK1</i>	0.77476	0.340262	2.276954	0.02278895	0.534298316
<i>KIF2A</i>	0.321561	0.141232	2.276829	0.02279647	0.534298316
<i>PIK3IP1</i>	0.28821	0.126607	2.276405	0.02282177	0.534298316
<i>ECHS1</i>	0.320503	0.140809	2.276159	0.02283652	0.534298316
<i>KATNB1</i>	0.7838	0.344445	2.275544	0.02287331	0.534298316
<i>GBP7</i>	0.897925	0.394701	2.274952	0.02290881	0.534298316
<i>ENSG00000251136</i>	0.670324	0.294802	2.273814	0.02297718	0.5344901
<i>AP3S1</i>	0.316169	0.13926	2.270346	0.02318663	0.534870118
<i>LMCD1</i>	2.773108	1.221566	2.270126	0.02319997	NA
<i>RRM2B</i>	-0.478278	0.210752	-2.269392	0.02324449	0.534870118
<i>RPA3</i>	0.199451	0.087898	2.269132	0.02326032	0.534870118
<i>TMUB2</i>	0.314655	0.138734	2.268041	0.02332673	0.534870118
<i>NOTCH1</i>	0.780018	0.34404	2.267233	0.02337598	0.534870118
<i>UBE2V1</i>	0.574914	0.253757	2.265613	0.0234751	0.534870118
<i>DTX3L</i>	0.470538	0.207704	2.265426	0.02348658	0.534870118
<i>S1PR4</i>	0.285693	0.126111	2.265404	0.02348789	0.534870118

<i>KHNYN</i>	-0.554106	0.244678	-2.264632	0.02353525	0.534870118
<i>ENSG00000272583</i>	-1.173289	0.519029	-2.260545	0.02378744	NA
<i>OTUD7B</i>	2.654478	1.175232	2.258683	0.02390309	NA
<i>CISH</i>	1.833614	0.812138	2.257763	0.02396047	NA
<i>RAP2C.AS1</i>	-1.824414	0.808291	-2.257126	0.02400022	NA
<i>TMCO4</i>	0.708119	0.313902	2.255861	0.02407935	0.545839615
<i>SLC9A6</i>	-1.524543	0.676251	-2.254405	0.02417068	NA
<i>MKLN1</i>	-0.48689	0.215977	-2.254365	0.02417324	0.546573618
<i>DNASE2</i>	0.333829	0.148255	2.251725	0.02433965	0.548939469
<i>ABTB1</i>	0.252579	0.112379	2.247574	0.02460336	0.553482167
<i>RORA</i>	1.586803	0.707419	2.243089	0.0248911	NA
<i>UTP4</i>	0.572378	0.255341	2.241619	0.02498599	0.560125051
<i>SETBP1</i>	0.587245	0.262043	2.241021	0.02502472	0.560125051
<i>SLCO5A1</i>	1.513022	0.675188	2.240891	0.02503316	NA
<i>FAM135A</i>	-0.689457	0.307928	-2.239021	0.02515457	0.561616927
<i>UEVLD</i>	-1.240096	0.554651	-2.235813	0.02536403	NA
<i>MCCC1</i>	0.48929	0.219065	2.233534	0.02551372	0.565745108
<i>LPCAT1</i>	-0.795328	0.356116	-2.233338	0.02552666	0.565745108
<i>CTBP2</i>	2.965935	1.328123	2.233178	0.02553722	NA
<i>ARIH2</i>	0.312235	0.139853	2.232593	0.02557578	0.565745108
<i>ENSG00000268027</i>	0.405466	0.181635	2.232315	0.02559414	0.565745108
<i>TAF4B</i>	0.724828	0.325841	2.224486	0.02611579	0.575843346
<i>CIC</i>	0.508508	0.228983	2.220722	0.02636982	0.579738079
<i>CCL4</i>	1.239672	0.558426	2.219939	0.0264229	0.579738079
<i>ENSG00000267152</i>	0.955316	0.430573	2.218708	0.02650658	NA
<i>WDR27</i>	-1.180727	0.532244	-2.218394	0.02652798	NA
<i>ZNF710</i>	-1.567938	0.707382	-2.216536	0.0266548	NA
<i>SMIM20</i>	0.399323	0.180218	2.21577	0.02670726	0.584533698
<i>ENSG00000268798</i>	0.963653	0.435278	2.213879	0.02683712	NA
<i>DPY19L1</i>	-1.667804	0.753592	-2.213139	0.02688804	NA
<i>ENSG00000259001</i>	1.053146	0.476207	2.21153	0.02699914	NA
<i>CENPT</i>	-0.403481	0.182463	-2.211302	0.02701497	0.589815673
<i>POLB</i>	-0.834733	0.377787	-2.209532	0.02713768	0.590227874
<i>CTNBL1</i>	0.319472	0.144615	2.209114	0.02716669	0.590227874
<i>ALKBH1</i>	0.729601	0.330544	2.207272	0.02729507	0.591570737
<i>REC8</i>	0.592677	0.269173	2.201846	0.02767619	0.598371272
<i>ZNF525</i>	-0.965896	0.438899	-2.200723	0.02775563	0.598632301
<i>HMG3</i>	-1.679684	0.76378	-2.199173	0.02786561	NA
<i>TPRN</i>	-1.564819	0.711589	-2.19905	0.02787436	NA
<i>ARHGAP4</i>	0.296491	0.134832	2.198962	0.0278806	0.598962369
<i>C1orf122</i>	-0.437903	0.199182	-2.1985	0.0279135	0.598962369
<i>JUN</i>	0.237378	0.108014	2.197663	0.02797315	0.598962369
<i>ENSG00000272909</i>	1.602725	0.72986	2.195934	0.02809668	NA
<i>DMAC1</i>	0.252192	0.114888	2.195105	0.0281561	0.60143044
<i>RUBCNL</i>	0.205292	0.093682	2.19138	0.02842431	0.603162241
<i>PDE4DIP</i>	-0.558289	0.254824	-2.190883	0.02846023	0.603162241
<i>SERHL2</i>	-1.37776	0.628906	-2.190725	0.0284717	NA

<i>TMEM184C</i>	-0.85459	0.390106	-2.190661	0.02847632	0.603162241
<i>AATF</i>	0.316719	0.144746	2.188097	0.02866253	0.603162241
<i>CYB5R4</i>	0.28147	0.128692	2.187152	0.02873142	0.603162241
<i>KATNBL1</i>	-0.326255	0.149196	-2.186757	0.02876029	0.603162241
<i>SLC25A32</i>	0.459155	0.210017	2.186279	0.02879518	0.603162241
<i>TBL1X</i>	-0.589699	0.269739	-2.186182	0.0288023	0.603162241
<i>LINC02576</i>	-0.95578	0.437575	-2.184265	0.02894281	0.603162241
<i>ZNF699</i>	0.560028	0.256438	2.183869	0.02897188	0.603162241
<i>CDC42BPB</i>	-1.004036	0.459815	-2.183564	0.02899427	NA
<i>TET3</i>	0.787919	0.360953	2.182887	0.02904412	0.603162241
<i>HMGB2</i>	0.214939	0.09847	2.182784	0.0290517	0.603162241
<i>ENSG00000250541</i>	1.753766	0.803642	2.182272	0.02908943	NA
<i>HARBI1</i>	0.930962	0.426692	2.181812	0.02912339	NA
<i>NFXL1</i>	-1.030394	0.472962	-2.178598	0.02936152	NA
<i>SNAPC3</i>	0.34851	0.159996	2.178245	0.02938777	0.608717311
<i>COMMD7</i>	-0.463307	0.212828	-2.176909	0.02948735	0.609359443
<i>SLC41A1</i>	0.660721	0.303913	2.174048	0.02970151	0.612361032
<i>IL4R</i>	0.384996	0.177303	2.171401	0.02990091	0.614752003
<i>PPP2R5C</i>	0.230384	0.106162	2.170116	0.02999806	0.614752003
<i>PLCL2</i>	-0.606107	0.279343	-2.16976	0.03002503	0.614752003
<i>ACVR2A</i>	-1.664037	0.767425	-2.168339	0.03013287	NA
<i>SPN</i>	1.081333	0.499704	2.163947	0.03046839	NA
<i>KLF2</i>	0.422931	0.19572	2.160895	0.03070348	0.62668642
<i>ITGB2</i>	0.751286	0.347768	2.160306	0.03074896	0.62668642
<i>CENPJ</i>	-0.800443	0.370744	-2.15902	0.03084865	0.627279318
<i>PTP4A2</i>	-0.296579	0.137505	-2.156863	0.0310163	0.629248561
<i>NRDE2</i>	0.352676	0.163947	2.151161	0.03146351	0.635433559
<i>LYPLAL1</i>	0.333166	0.154878	2.151152	0.03146419	0.635433559
<i>ZFP36L2</i>	-0.444329	0.206719	-2.149433	0.0316001	0.636731185
<i>CTNND1</i>	-0.491109	0.228671	-2.147669	0.03174006	0.63692922
<i>ENSG00000255046</i>	0.730054	0.340087	2.146666	0.03181991	0.63692922
<i>PDLIM2</i>	-0.492249	0.229499	-2.144885	0.03196205	0.63692922
<i>PTPA</i>	-0.740542	0.345329	-2.144456	0.03199634	0.63692922
<i>ATG13</i>	-0.586446	0.273488	-2.14432	0.03200724	0.63692922
<i>DHTKD1</i>	-0.398354	0.185856	-2.143344	0.03208549	0.63692922
<i>ZNF844</i>	0.543806	0.253757	2.143018	0.03211167	0.63692922
<i>UBL4A</i>	-0.423356	0.197802	-2.140305	0.03233012	0.639330234
<i>AMPD3</i>	-0.598599	0.279755	-2.13973	0.03237662	0.639330234
<i>SH2D4A</i>	1.637538	0.765504	2.139164	0.03242239	NA
<i>ENSG00000274605</i>	0.880701	0.411777	2.138782	0.03245335	NA
<i>ENSG00000268093</i>	1.472849	0.690128	2.134167	0.03282908	NA
<i>TMEM222</i>	-0.413552	0.19393	-2.132475	0.03296785	0.648235682
<i>DDX20</i>	0.466635	0.218892	2.131806	0.03302278	0.648235682
<i>DIS3L</i>	0.491174	0.230563	2.130325	0.03314479	0.648235682
<i>ARRDC2</i>	-0.314701	0.147746	-2.13001	0.03317078	0.648235682
<i>ENSG00000272009</i>	0.367123	0.172379	2.129749	0.03319235	0.648235682
<i>ENSG00000278831</i>	1.498052	0.703585	2.129169	0.03324025	NA

SGK1	-1.235664	0.580868	-2.127272	0.03339747	0.650178266
SH3BGRL3	-0.165652	0.077889	-2.126783	0.03343816	0.650178266
POMP	0.164002	0.077152	2.1257	0.03352823	0.65050618
COX16	0.433455	0.204145	2.123272	0.03373107	0.651622013
USP12	-0.807625	0.380424	-2.12296	0.03375721	0.651622013
GPSM1	1.321748	0.622876	2.122007	0.03383715	NA
RNF149	-0.412711	0.194511	-2.121789	0.03385545	0.651622013
BCAS4	0.319505	0.150603	2.121508	0.03387907	0.651622013
LINC00894	1.614172	0.76122	2.120508	0.03396322	NA
TRANK1	-0.386252	0.18226	-2.119237	0.03407047	0.653004745
PEAK1	0.604203	0.285148	2.118912	0.03409793	0.653004745
TBC1D19	-1.108959	0.523369	-2.118888	0.03409993	NA
TMEM159	-0.523949	0.247604	-2.11608	0.03433799	0.656187838
CDK12	-0.346851	0.16412	-2.113395	0.03456694	0.658744737
TFB2M	0.596375	0.282363	2.112083	0.03467933	0.658744737
KIAA1586	0.56627	0.268132	2.11191	0.03469419	0.658744737
SUMO4	0.965728	0.457332	2.111655	0.03471608	NA
LILRA2	1.687359	0.800287	2.108441	0.03499288	NA
HCK	-0.586759	0.278342	-2.108049	0.03502675	0.663533123
LRRC42	-1.015187	0.481605	-2.107924	0.03503753	NA
PATL2	0.401757	0.190654	2.107252	0.03509572	0.663533123
BTBD3	-1.427998	0.678323	-2.105188	0.03527496	NA
TRADD	-0.334564	0.158982	-2.104421	0.03534174	0.666765883
STK38	0.448444	0.213441	2.101026	0.03563868	0.668143221
EVL	0.24623	0.11728	2.099503	0.0357726	0.668143221
WDFY2	-0.407922	0.194384	-2.098535	0.03585792	0.668143221
TMC8	0.318986	0.152016	2.098365	0.03587291	0.668143221
ANKH	-0.795206	0.378967	-2.098351	0.03587411	0.668143221
NSMCE1	0.251369	0.119824	2.097814	0.03592155	0.668143221
SCPEP1	0.448259	0.213702	2.097593	0.03594108	0.668143221
SREBF1	0.859335	0.41019	2.09497	0.03617365	NA
SEC61B	-0.26419	0.12612	-2.094751	0.03619312	0.670889638
AP2S1	-0.25512	0.121823	-2.09419	0.03624309	0.670889638
SELENOW	-0.29627	0.141527	-2.093379	0.03631532	0.670889638
COQ8A	0.428399	0.204806	2.091724	0.03646323	0.6722246
ABRAXAS2	0.460359	0.220228	2.090372	0.03658443	0.673027589
CD81	0.359844	0.172211	2.08955	0.03665827	0.673027589
MPP7	-1.445318	0.691909	-2.088885	0.03671807	NA
PRDM2	-0.231193	0.110774	-2.087069	0.0368819	0.675737256
ECE2	-1.427793	0.684793	-2.085	0.03706934	NA
AUH	0.545157	0.261486	2.084841	0.03708373	0.676106133
DYNC1I2	-0.233778	0.112173	-2.084076	0.03715328	0.676106133
RHOG	-0.279282	0.134011	-2.08402	0.03715836	0.676106133
TSC22D1	-0.719538	0.345392	-2.08325	0.03722841	0.676106133
TMEM156	0.329436	0.15818	2.082657	0.03728247	0.676106133
CCR7	0.177221	0.085137	2.081595	0.03737947	0.676484632
TTC3	-0.188894	0.090834	-2.079562	0.03756569	0.677724336

<i>WDR81</i>	-0.718024	0.34534	-2.079183	0.03760051	0.677724336
<i>ENSG00000249141</i>	1.563952	0.752657	2.077909	0.03771772	NA
<i>SCML4</i>	0.963599	0.464079	2.076369	0.03785985	NA
<i>ZNF211</i>	-0.609282	0.293464	-2.076169	0.0378783	0.680096389
<i>EIF4B</i>	-0.147729	0.071157	-2.076095	0.03788518	0.680096389
<i>CCNDBP1</i>	0.170529	0.082196	2.074655	0.03801849	0.681113496
<i>ZMAT2</i>	0.201125	0.097027	2.072878	0.03818366	0.68269622
<i>ENSG00000260261</i>	-1.152807	0.556179	-2.072728	0.0381976	NA
<i>CD68</i>	-1.144494	0.552323	-2.072145	0.03825194	NA
<i>ZNF682</i>	0.676604	0.326737	2.070794	0.03837808	0.684497804
<i>LINC01991</i>	-1.698018	0.820375	-2.069807	0.03847046	NA
<i>ENSG00000251661</i>	-1.580089	0.763529	-2.069456	0.03850332	NA
<i>RHEX</i>	-0.77452	0.374299	-2.069255	0.03852214	0.684497804
<i>UBE2G1</i>	0.347468	0.167977	2.068539	0.03858938	0.684497804
<i>UBTF</i>	0.310753	0.150257	2.068142	0.03862671	0.684497804
<i>LUC7L</i>	-0.399969	0.193504	-2.06698	0.03873603	0.684497804
<i>ZFYVE27</i>	0.346623	0.16772	2.06668	0.03876435	0.684497804
<i>GUCD1</i>	0.281474	0.136279	2.065428	0.03888256	0.684497804
<i>CYTIP</i>	-0.151744	0.073475	-2.065236	0.03890067	0.684497804
<i>TAX1BP3</i>	-0.425046	0.205982	-2.063513	0.03906393	0.686012029
<i>NEB</i>	1.265365	0.61321	2.063511	0.03906412	NA
<i>ENSG00000257497</i>	1.088646	0.528107	2.061413	0.03926368	NA
<i>GABARAPL2</i>	0.175382	0.085088	2.061185	0.03928537	0.687500692
<i>ENSG00000272112</i>	-1.577666	0.765724	-2.06036	0.03936414	NA
<i>COPA</i>	-0.350062	0.169914	-2.060232	0.03937633	0.687500692
<i>PTPRE</i>	-0.643914	0.312552	-2.060186	0.03938081	0.687500692
<i>LINC00158</i>	2.985874	1.450108	2.05907	0.0394875	NA
<i>SOCS7</i>	-1.294861	0.629251	-2.057781	0.03961118	NA
<i>ASCC1</i>	0.511005	0.248339	2.057695	0.0396194	0.689415317
<i>NCBP2</i>	-0.253837	0.123376	-2.057422	0.03964565	0.689415317
<i>LMNA</i>	-1.7363	0.843935	-2.057385	0.03964919	NA
<i>ENSG00000278730</i>	-1.003273	0.488139	-2.0553	0.03985007	NA
<i>SLK</i>	-0.657208	0.319929	-2.054231	0.03995332	0.692434773
<i>TFB1M</i>	0.437085	0.212797	2.054006	0.03997513	0.692434773
<i>GLT8D1</i>	0.445273	0.217038	2.051596	0.04020899	0.693979782
<i>FUOM</i>	0.541198	0.263809	2.051477	0.04022053	0.693979782
<i>PALLD</i>	2.711564	1.322488	2.05035	0.04033025	NA
<i>DNAJC11</i>	0.616504	0.300774	2.049721	0.04039163	0.694060698
<i>PLEKHB1</i>	0.877162	0.427969	2.04959	0.04040441	0.694060698
<i>FAM89A</i>	1.223155	0.596973	2.04893	0.04046895	NA
<i>BRK1</i>	0.16727	0.081645	2.04875	0.04048653	0.694060698
<i>ENAH</i>	1.864233	0.91014	2.048293	0.04053129	NA
<i>IRF8</i>	0.261305	0.127593	2.047953	0.04056461	0.694060698
<i>TBKBP1</i>	1.764625	0.861863	2.047454	0.04061352	NA
<i>BIN2</i>	0.511444	0.24998	2.045937	0.04076256	0.694060698
<i>FALEC</i>	0.523721	0.256008	2.045721	0.04078388	0.694060698
<i>MYL2</i>	2.370648	1.159078	2.045288	0.0408265	NA

ZNF430	0.254532	0.124458	2.045125	0.0408425	0.694060698
H2AFY	0.298912	0.146164	2.045049	0.04085007	0.694060698
AGAP3	1.787074	0.873999	2.04471	0.04088345	NA
QPRT	2.141693	1.047514	2.044549	0.04089939	NA
MAN2A2	-0.93186	0.456006	-2.043523	0.04100067	0.695029737
PLEKHB2	0.326656	0.159899	2.042888	0.04106354	0.695029737
CPEB4	0.505881	0.247961	2.04016	0.04133438	0.698187465
RAB13	-0.871541	0.427346	-2.039429	0.04140725	0.698187465
SLC5A5	2.477055	1.215873	2.037265	0.04162351	NA
ATPCKMT	0.875822	0.430469	2.034576	0.04189359	NA
NIN	-0.345018	0.169578	-2.034567	0.0418945	0.70399374
MOB1B	-1.225211	0.602497	-2.033555	0.04199648	NA
TRBC2	-0.148396	0.07303	-2.031988	0.04215485	0.70399374
PLOD1	-1.537878	0.756964	-2.03164	0.04219009	NA
PORCN	0.697619	0.343496	2.030936	0.04226151	0.70399374
ICA1L	0.376887	0.185596	2.03068	0.04228746	0.70399374
GTPBP10	0.465368	0.229186	2.030523	0.04230341	0.70399374
MDM4	-0.155543	0.076607	-2.030413	0.04231459	0.70399374
COL9A2	-1.549929	0.763537	-2.029935	0.04236318	NA
CLCN7	0.419922	0.207016	2.028451	0.04251426	0.70399374
ENSG00000269983	1.136111	0.560102	2.0284	0.04251943	NA
GEN1	-0.854771	0.421467	-2.028084	0.04255168	0.70399374
RFX1	-0.447451	0.220745	-2.027003	0.04266207	0.70399374
CHMP2A	-0.252295	0.124506	-2.026366	0.0427273	0.70399374
ENSG00000268746	1.786184	0.881563	2.026155	0.04274889	NA
JTB	-0.137319	0.06783	-2.024456	0.0429233	0.70399374
SRPRA	0.386249	0.190823	2.024114	0.04295839	0.70399374
RFFL	0.501083	0.247623	2.023574	0.04301405	0.70399374
SP4	-0.648675	0.320776	-2.022204	0.04315525	0.70399374
UAP1	-0.522621	0.258469	-2.021989	0.04317752	0.70399374
ZNF793.AS1	-1.573025	0.778043	-2.021771	0.04320003	NA
RBM14	0.365542	0.180937	2.020269	0.04335553	0.70399374
EMC2	0.462688	0.2291	2.019589	0.04342602	0.70399374
FAM174B	1.367019	0.677194	2.018651	0.04352348	NA
CDC42SE1	0.279777	0.138606	2.018514	0.04353778	0.70399374
COBLL1	-0.43267	0.214379	-2.018244	0.04356584	0.70399374
RIC1	-0.755823	0.374738	-2.016936	0.04370224	0.70399374
BARD1	0.414328	0.205468	2.016512	0.04374649	0.70399374
PSMB3	0.209246	0.103808	2.015695	0.04383183	0.70399374
HADHA	-0.23802	0.11812	-2.015074	0.04389686	0.70399374
UBA2	0.248664	0.123408	2.01498	0.04390678	0.70399374
ADAM10	-0.361002	0.179161	-2.014953	0.04390953	0.70399374
COPS9	-0.242521	0.120377	-2.014675	0.04393875	0.70399374
TM9SF2	0.286711	0.142354	2.01407	0.04400221	0.70399374
PYGM	0.975405	0.484308	2.014017	0.04400773	NA
PDCD2L	0.686914	0.34111	2.013762	0.04403449	0.70399374
RCC1	0.398581	0.197942	2.013623	0.04404912	0.70399374



<i>ENSG00000231212</i>	1.492263	0.741091	2.013604	0.04405114	NA
<i>FAM129A</i>	2.030821	1.009271	2.012166	0.04420244	NA
<i>TBC1D8</i>	1.094406	0.543993	2.011802	0.04424077	NA
<i>C8orf88</i>	-0.857199	0.426312	-2.010732	0.04435378	0.706649081
<i>KLHDC10</i>	-0.593551	0.29522	-2.010538	0.04437432	0.706649081
<i>ITM2B</i>	0.230838	0.114893	2.009163	0.0445198	0.707423971
<i>ENSG00000255856</i>	1.597027	0.794913	2.00906	0.04453076	NA
<i>MYO15B</i>	-0.764663	0.380699	-2.008575	0.0445822	0.707423971
<i>GCSH</i>	-0.49434	0.246272	-2.007295	0.04471828	0.708117478
<i>STYXL1</i>	0.509049	0.253679	2.006666	0.04478528	0.708117478
<i>ENSG00000273329</i>	0.647006	0.322631	2.005408	0.04491949	0.708977872
<i>GOSR2</i>	0.39963	0.199457	2.003591	0.04511387	0.709337577
<i>ENSG00000231856</i>	-1.007585	0.502987	-2.003205	0.04515534	NA
<i>ANKRD44</i>	0.19768	0.098714	2.002558	0.04522473	0.709337577
<i>TAGAP</i>	0.24493	0.12233	2.002206	0.04526258	0.709337577
<i>ENSG00000272758</i>	0.628261	0.313857	2.001741	0.04531265	0.709337577
<i>ZNF658</i>	1.106835	0.552984	2.001569	0.04533112	NA
<i>RELA</i>	0.313001	0.156385	2.001473	0.04534141	0.709337577
<i>FAM50A</i>	-0.462897	0.231522	-1.999367	0.04556862	0.711639235
<i>ADAM19</i>	0.363067	0.181821	1.996836	0.04584305	0.714668942
<i>IGLV2.14</i>	-1.070371	0.53695	-1.993426	0.04621483	NA
<i>ENSG00000277959</i>	-1.486169	0.745839	-1.992615	0.04630362	NA
<i>STK3</i>	-0.707039	0.354831	-1.992608	0.04630438	0.718949978
<i>S100A11</i>	-0.427628	0.214677	-1.991957	0.04637582	0.718949978
<i>ANKRD36</i>	-0.58821	0.295387	-1.991318	0.04644593	0.718949978
<i>PAXBP1</i>	-0.784999	0.394297	-1.990881	0.04649397	0.718949978
<i>MPPE1</i>	0.330866	0.166212	1.990624	0.0465222	0.718949978
<i>TPCN2</i>	0.75472	0.379572	1.988344	0.04677369	NA
<i>LPTM5</i>	-0.16618	0.08358	-1.988267	0.04678214	0.720460663
<i>ZBTB80S</i>	0.240033	0.120791	1.987169	0.04690368	0.720460663
<i>UTP14A</i>	-0.537342	0.270586	-1.985843	0.04705071	0.720460663
<i>SUCLG2</i>	0.330778	0.166682	1.984488	0.04720148	0.720460663
<i>RAB7A</i>	0.204762	0.103182	1.984472	0.04720323	0.720460663
<i>SYVN1</i>	0.322361	0.162443	1.984458	0.04720482	0.720460663
<i>APH1A</i>	-0.201953	0.101769	-1.984417	0.04720942	0.720460663
<i>TARDBP</i>	-0.265617	0.133887	-1.983886	0.04726858	0.720460663
<i>IL10RB.DT</i>	-1.408163	0.709867	-1.983702	0.04728912	NA
<i>ZMIZ1</i>	-1.641262	0.82745	-1.983519	0.04730944	NA
<i>ANKRD34A</i>	1.402839	0.708359	1.980407	0.04765776	NA
<i>ABCB4</i>	0.296939	0.149959	1.980137	0.0476881	0.724010686
<i>CYREN</i>	-0.416447	0.210339	-1.979882	0.04771676	0.724010686
<i>BTBD19</i>	3.874803	1.957147	1.979822	0.04772348	NA
<i>DNAAF4</i>	-1.347148	0.680462	-1.979754	0.04773114	NA
<i>CIR1</i>	0.219098	0.110677	1.979623	0.04774592	0.724010686
<i>LITAF</i>	0.188483	0.09528	1.978202	0.04790594	0.725199614
<i>MAPK14</i>	-0.549451	0.277899	-1.977163	0.04802325	0.725739175
<i>YPEL2</i>	-0.283695	0.143546	-1.976339	0.04811641	0.72579273

<i>ITPR1</i>	0.378465	0.191561	1.975688	0.04819015	0.72579273
<i>SDR42E1</i>	-1.513508	0.766472	-1.974643	0.04830869	NA
<i>SLC9A3R1</i>	0.393943	0.199542	1.974238	0.04835463	0.727037679
<i>KDM4D</i>	1.687461	0.855017	1.973599	0.04842741	NA
<i>ENSG00000260572</i>	1.570798	0.795933	1.973531	0.04843514	NA
<i>HIP1R</i>	0.274686	0.139304	1.971835	0.04862842	0.727704943
<i>PPP2R5B</i>	-0.531331	0.269482	-1.971674	0.04864687	0.727704943
<i>PAGR1</i>	0.454342	0.230465	1.97141	0.04867695	0.727704943
<i>CYBC1</i>	-0.182722	0.092706	-1.970976	0.04872659	0.727704943
<i>ENSG00000232010</i>	1.116885	0.566882	1.970224	0.04881272	NA
<i>DMXL1</i>	-0.393243	0.199607	-1.970086	0.0488285	0.72800338
<i>ZNF616</i>	-1.084889	0.550723	-1.969937	0.04884563	NA
<i>ZBTB32</i>	2.39419	1.216582	1.967965	0.04907208	NA
<i>MAF1</i>	0.196153	0.09976	1.966258	0.04926882	0.731476049
<i>IER3</i>	1.209917	0.615375	1.966147	0.04928164	NA
<i>SP100</i>	0.164572	0.083708	1.966031	0.04929499	0.731476049
<i>MCM3</i>	0.390211	0.198488	1.965916	0.04930837	0.731476049

<b>Cluster 3</b>	<b>log2FC</b>	<b>lfcSE</b>	<b>stat</b>	<b>pvalue</b>	<b>padj</b>
<i>VPREB3</i>	3.887109	0.113796	34.15865	< 2.22e-16	< 2.22e-16
<i>DENND6B</i>	3.462668	0.157059	22.046985	< 2.22e-16	< 2.22e-16
<i>GRN</i>	2.005959	0.102087	19.649487	< 2.22e-16	< 2.22e-16
<i>CD1D</i>	5.570262	0.292138	19.067205	< 2.22e-16	< 2.22e-16
<i>CD38</i>	4.41865	0.241855	18.269795	< 2.22e-16	< 2.22e-16
<i>PLAAT4</i>	2.769813	0.163928	16.896484	< 2.22e-16	< 2.22e-16
<i>NRIP1</i>	2.270827	0.14061	16.1498	< 2.22e-16	< 2.22e-16
<i>RABGAP1L</i>	1.649413	0.117939	13.985332	< 2.22e-16	< 2.22e-16
<i>P2RX5</i>	1.592606	0.119737	13.300881	< 2.22e-16	< 2.22e-16
<i>RNF207</i>	3.360265	0.253871	13.236125	< 2.22e-16	< 2.22e-16
<i>AHI1</i>	1.619582	0.124304	13.029232	< 2.22e-16	< 2.22e-16
<i>SLC2A5</i>	3.260712	0.250436	13.020164	< 2.22e-16	< 2.22e-16
<i>RARA.AS1</i>	2.30394	0.184471	12.489433	< 2.22e-16	< 2.22e-16
<i>IRAK2</i>	1.543204	0.126304	12.218144	< 2.22e-16	< 2.22e-16
<i>ASB2</i>	8.698217	0.743805	11.694221	< 2.22e-16	< 2.22e-16
<i>ENDOD1</i>	1.92285	0.166119	11.575132	< 2.22e-16	< 2.22e-16
<i>APOL3</i>	1.200093	0.104814	11.449705	< 2.22e-16	< 2.22e-16
<i>SLC12A4</i>	2.492814	0.219336	11.365275	< 2.22e-16	< 2.22e-16
<i>LCAT</i>	2.663433	0.235088	11.329504	< 2.22e-16	< 2.22e-16
<i>AGO1</i>	1.175843	0.104094	11.296007	< 2.22e-16	< 2.22e-16
<i>C12orf65</i>	1.139716	0.101061	11.277446	< 2.22e-16	< 2.22e-16
<i>DUS2</i>	1.622667	0.147321	11.014527	< 2.22e-16	< 2.22e-16
<i>P2RX5.TAX1BP3</i>	1.95049	0.179825	10.846608	< 2.22e-16	< 2.22e-16
<i>SLC5A3</i>	1.500122	0.144479	10.382947	< 2.22e-16	< 2.22e-16
<i>RMDN2</i>	2.307724	0.227744	10.13297	< 2.22e-16	< 2.22e-16
<i>SEPTIN9</i>	0.708708	0.072207	9.814982	< 2.22e-16	< 2.22e-16
<i>ZNF563</i>	1.534761	0.158476	9.684476	< 2.22e-16	< 2.22e-16
<i>PLAAT3</i>	3.583579	0.376796	9.510663	< 2.22e-16	< 2.22e-16
<i>MS4A1</i>	-0.808967	0.086907	-9.30845	< 2.22e-16	< 2.22e-16
<i>GBP4</i>	1.026648	0.110676	9.276144	< 2.22e-16	< 2.22e-16
<i>SMAD3</i>	1.037043	0.112778	9.195401	< 2.22e-16	< 2.22e-16
<i>FAM117A</i>	0.993384	0.111553	8.905053	< 2.22e-16	< 2.22e-16
<i>CD72</i>	1.337239	0.150967	8.857796	< 2.22e-16	2.94E-16
<i>MRPS6</i>	1.35474	0.153951	8.799831	< 2.22e-16	4.79E-16
<i>RRBP1</i>	1.693871	0.192593	8.795065	< 2.22e-16	4.86E-16
<i>ABCB1</i>	1.708441	0.199898	8.546577	< 2.22e-16	4.19E-15
<i>PNOC</i>	1.961278	0.231614	8.467879	< 2.22e-16	8.03E-15
<i>GPX1</i>	0.891985	0.106989	8.33715	< 2.22e-16	2.38E-14
<i>DPEP2</i>	1.082573	0.131339	8.242603	< 2.22e-16	5.14E-14
<i>RARA</i>	0.885835	0.107989	8.203043	2.34E-16	6.97E-14
<i>LGMN</i>	1.648739	0.204954	8.044434	8.66E-16	2.51E-13
<i>CD24</i>	-0.863758	0.109604	-7.880722	3.25E-15	9.21E-13
<i>DDX24</i>	0.49968	0.063984	7.809511	5.74E-15	1.59E-12
<i>FXYS5</i>	-0.579303	0.074307	-7.796118	6.38E-15	1.72E-12
<i>TENT5C</i>	-0.812347	0.104363	-7.783891	7.03E-15	1.86E-12
<i>CNP</i>	0.857932	0.110331	7.775982	7.49E-15	1.93E-12

<i>PAOX</i>	0.994067	0.128896	7.712134	1.24E-14	3.13E-12
<i>IFI30</i>	1.195293	0.161045	7.422108	1.15E-13	2.85E-11
<i>CDKN1A</i>	0.82084	0.113982	7.201474	5.96E-13	1.45E-10
<i>KCNN1</i>	2.347863	0.328489	7.147466	8.84E-13	2.10E-10
<i>VPREB1</i>	4.315472	0.606483	7.115575	1.11E-12	2.60E-10
<i>TSPAN18</i>	5.109549	0.719588	7.100655	1.24E-12	2.84E-10
<i>CD1C</i>	1.96068	0.277103	7.075638	1.49E-12	3.34E-10
<i>FCRL2</i>	1.156541	0.164273	7.040356	1.92E-12	4.22E-10
<i>TRABD</i>	0.585181	0.083228	7.031081	2.05E-12	4.43E-10
<i>RASGEF1B</i>	-0.819782	0.11725	-6.991718	2.72E-12	5.76E-10
<i>SIGIRR</i>	0.866777	0.125167	6.924974	4.36E-12	9.09E-10
<i>HIPK2</i>	1.217363	0.17947	6.783093	1.18E-11	2.41E-09
<i>IRF2BPL</i>	0.998802	0.148002	6.74859	1.49E-11	3.01E-09
<i>CACYBP</i>	0.494565	0.073622	6.717666	1.85E-11	3.66E-09
<i>CTSZ</i>	0.650209	0.097794	6.648787	2.96E-11	5.76E-09
<i>SLC16A3</i>	0.972008	0.146426	6.638216	3.18E-11	6.09E-09
<i>RAB20</i>	2.148246	0.324046	6.629455	3.37E-11	6.36E-09
<i>PLXNB2</i>	1.744811	0.26476	6.59015	4.39E-11	8.16E-09
<i>AP3B1</i>	0.926273	0.140724	6.582198	4.64E-11	8.48E-09
<i>SPRY1</i>	1.236919	0.188046	6.577747	4.78E-11	8.60E-09
<i>ARID5B</i>	-0.623276	0.095484	-6.527532	6.69E-11	1.19E-08
<i>FAM3C</i>	0.7931	0.122298	6.485003	8.87E-11	1.55E-08
<i>FADS3</i>	-0.614174	0.095564	-6.426854	1.30E-10	2.24E-08
<i>DBNL</i>	0.575332	0.089881	6.401055	1.54E-10	2.62E-08
<i>XYLT1</i>	0.917143	0.143874	6.374613	1.83E-10	3.07E-08
<i>MCL1</i>	0.499427	0.078583	6.355433	2.08E-10	3.43E-08
<i>CABLES1</i>	-1.585296	0.249685	-6.349177	2.16E-10	3.52E-08
<i>BHLHE40</i>	0.906383	0.144304	6.281049	3.36E-10	5.40E-08
<i>SLC43A2</i>	0.555293	0.088521	6.273019	3.54E-10	5.61E-08
<i>LY9</i>	-0.823716	0.132355	-6.223547	4.86E-10	7.60E-08
<i>BTBD7</i>	0.640597	0.103166	6.209358	5.32E-10	8.21E-08
<i>IER3</i>	1.555287	0.250562	6.207199	5.39E-10	8.22E-08
<i>SLC45A3</i>	1.174046	0.190212	6.172315	6.73E-10	1.01E-07
<i>SLC5A5</i>	4.358378	0.710893	6.130854	8.74E-10	1.30E-07
<i>NMT2</i>	-0.793189	0.130464	-6.079739	1.20E-09	1.77E-07
<i>SPOCK2</i>	0.696679	0.114845	6.066238	1.31E-09	1.90E-07
<i>GPR183</i>	-0.989255	0.163507	-6.050223	1.45E-09	2.07E-07
<i>ZNF3</i>	0.693639	0.114886	6.037652	1.56E-09	2.21E-07
<i>AGPAT5</i>	0.857699	0.143752	5.966536	2.42E-09	3.39E-07
<i>SIGLEC10</i>	1.270609	0.213582	5.949059	2.70E-09	3.73E-07
<i>VHL</i>	0.563169	0.09558	5.892136	3.81E-09	5.21E-07
<i>HIC1</i>	3.729863	0.635065	5.873197	4.27E-09	5.77E-07
<i>LHFPL2</i>	1.271461	0.216828	5.863923	4.52E-09	6.04E-07
<i>FOXO3</i>	0.998689	0.170848	5.845497	5.05E-09	6.67E-07
<i>NUP210</i>	0.520615	0.089294	5.830369	5.53E-09	7.22E-07
<i>CLEC17A</i>	0.92956	0.160111	5.805734	6.41E-09	8.28E-07
<i>RHOBTB3</i>	2.743626	0.475744	5.767027	8.07E-09	1.03E-06

<i>SREBF1</i>	1.180648	0.206016	5.73085	9.99E-09	1.26E-06
<i>HDAC9</i>	0.690904	0.121547	5.684244	1.31E-08	1.64E-06
<i>ENSG00000166927</i>	-1.402074	0.247638	-5.661797	1.50E-08	1.85E-06
<i>CHST15</i>	0.921738	0.163098	5.65142	1.59E-08	1.95E-06
<i>FXVD7</i>	-1.496551	0.266737	-5.610589	2.02E-08	2.45E-06
<i>LBR</i>	0.449293	0.081131	5.537885	3.06E-08	3.68E-06
<i>ATXN10</i>	0.633054	0.114949	5.507249	3.64E-08	4.33E-06
<i>FXVD1</i>	-1.319706	0.24028	-5.49237	3.97E-08	4.67E-06
<i>KANSL3</i>	0.990913	0.180556	5.488131	4.06E-08	4.73E-06
<i>GDPGP1</i>	1.312121	0.240043	5.466191	4.60E-08	5.31E-06
<i>PLEKHO1</i>	0.515916	0.094459	5.461812	4.71E-08	5.39E-06
<i>HCK</i>	-1.30449	0.239268	-5.451998	4.98E-08	5.64E-06
<i>SMC6</i>	-0.449224	0.082717	-5.430869	5.61E-08	6.29E-06
<i>ARL14EPL</i>	4.386995	0.813118	5.395276	6.84E-08	7.60E-06
<i>RESF1</i>	-0.40539	0.075352	-5.379974	7.45E-08	8.20E-06
<i>MDM4</i>	-0.379953	0.070893	-5.359512	8.34E-08	9.10E-06
<i>CASP7</i>	0.70752	0.132085	5.356556	8.48E-08	9.17E-06
<i>ENSG00000214797</i>	2.313623	0.432797	5.345741	9.00E-08	9.64E-06
<i>GBP7</i>	1.449089	0.271768	5.332079	9.71E-08	1.03E-05
<i>PUS1</i>	0.843946	0.158514	5.324117	1.01E-07	1.07E-05
<i>SEL1L3</i>	0.694927	0.130842	5.311199	1.09E-07	1.14E-05
<i>ARHGEF3</i>	0.611048	0.115355	5.297122	1.18E-07	1.21E-05
<i>PPCDC</i>	0.996469	0.188125	5.296859	1.18E-07	1.21E-05
<i>SLCO5A1</i>	1.79338	0.342955	5.229194	1.70E-07	1.73E-05
<i>FCRL1</i>	0.98629	0.190106	5.188096	2.12E-07	2.14E-05
<i>JUNB</i>	0.43347	0.083864	5.168719	2.36E-07	2.35E-05
<i>MAPKAPK2</i>	0.764263	0.147987	5.164405	2.41E-07	2.39E-05
<i>NDUFB9</i>	0.362113	0.070294	5.151397	2.59E-07	2.54E-05
<i>ENSG00000261448</i>	1.760381	0.343043	5.131662	2.87E-07	2.78E-05
<i>MZB1</i>	-1.040178	0.202719	-5.131127	2.88E-07	2.78E-05
<i>JCHAIN</i>	2.189688	0.427454	5.12263	3.01E-07	2.89E-05
<i>ZFP36L1</i>	-0.592864	0.116713	-5.079669	3.78E-07	3.60E-05
<i>SH3KBP1</i>	-0.431457	0.085466	-5.04828	4.46E-07	4.21E-05
<i>C15orf39</i>	0.933854	0.185365	5.037927	4.71E-07	4.40E-05
<i>GGA2</i>	0.528325	0.105271	5.01871	5.20E-07	4.83E-05
<i>CPEB4</i>	0.916013	0.184396	4.967634	6.78E-07	6.25E-05
<i>BRK1</i>	0.270058	0.05446	4.958795	7.09E-07	6.49E-05
<i>CIB1</i>	0.340434	0.068888	4.941834	7.74E-07	7.02E-05
<i>LBH</i>	-0.456258	0.092623	-4.925966	8.39E-07	7.56E-05
<i>REC8</i>	0.773535	0.15715	4.922261	8.56E-07	7.65E-05
<i>GPR146</i>	-1.34108	0.272539	-4.920685	8.62E-07	7.65E-05
<i>ICAM1</i>	1.242197	0.252793	4.913899	8.93E-07	7.86E-05
<i>PALLD</i>	2.421305	0.497314	4.86876	1.12E-06	9.82E-05
<i>HTR3A</i>	1.748883	0.359481	4.865027	1.14E-06	9.93E-05
<i>PIP5K1B</i>	1.084064	0.223207	4.85677	1.19E-06	0.000102776
<i>CD180</i>	0.859127	0.176978	4.854435	1.21E-06	0.000103246
<i>CHST7</i>	2.046558	0.421798	4.851984	1.22E-06	0.000103784

<i>SERPINF1</i>	-1.742716	0.361004	-4.827419	1.38E-06	0.000116605
<i>FOXP1</i>	-0.208179	0.043243	-4.814116	1.48E-06	0.00012377
<i>CYP2R1</i>	-0.669923	0.139855	-4.790121	1.67E-06	0.000138555
<i>ENSG00000198106</i>	-1.016351	0.213417	-4.762288	1.91E-06	0.000158006
<i>APOBEC3H</i>	1.639532	0.344562	4.758307	1.95E-06	0.000160043
<i>ISCA1</i>	0.382806	0.080669	4.745377	2.08E-06	0.000169445
<i>MPEG1</i>	1.521988	0.321243	4.73781	2.16E-06	0.000174699
<i>KLF13</i>	0.397485	0.084114	4.725568	2.29E-06	0.000184307
<i>NFAT5</i>	0.643041	0.136231	4.720228	2.36E-06	0.000187943
<i>C16orf54</i>	0.625699	0.13261	4.718336	2.38E-06	0.000188434
<i>FYTTD1</i>	-0.408813	0.086794	-4.710147	2.48E-06	0.000194866
<i>SYTL1</i>	-0.612436	0.1303	-4.700194	2.60E-06	0.000203263
<i>GLIPR2</i>	0.636961	0.136359	4.671204	2.99E-06	0.000232643
<i>DDX28</i>	0.621814	0.133314	4.664294	3.10E-06	0.000239036
<i>STK17B</i>	-0.489648	0.105323	-4.649039	3.33E-06	0.000255751
<i>PSMB10</i>	0.418783	0.090864	4.608915	4.05E-06	0.000308434
<i>KDM2B</i>	0.4484	0.097353	4.605927	4.11E-06	0.000310903
<i>SPN</i>	1.556909	0.339755	4.582447	4.60E-06	0.000345752
<i>ANAPC16</i>	0.369124	0.080692	4.574482	4.77E-06	0.000355927
<i>NANP</i>	1.05869	0.231471	4.573746	4.79E-06	0.000355927
<i>H3F3A</i>	0.385573	0.085612	4.503712	6.68E-06	0.000493027
<i>BCL11A</i>	-0.469864	0.104836	-4.481899	7.40E-06	0.000542852
<i>ENSG00000274536</i>	-1.142875	0.255221	-4.477977	7.54E-06	0.000549527
<i>CD79B</i>	0.369764	0.082616	4.475711	7.62E-06	0.000550738
<i>ICAM2</i>	0.671641	0.150091	4.474902	7.64E-06	0.000550738
<i>LINC02576</i>	-1.993854	0.447288	-4.457654	8.29E-06	0.000593358
<i>EHD1</i>	0.499822	0.112779	4.431882	9.34E-06	0.000664919
<i>NXT1</i>	0.394871	0.089313	4.42121	9.81E-06	0.000694467
<i>MIR181A2HG</i>	1.507331	0.3412	4.41773	9.97E-06	0.000701565
<i>RUNX2</i>	3.096334	0.701543	4.413604	1.02E-05	0.000710868
<i>CERK</i>	0.838742	0.190491	4.40304	1.07E-05	0.000741664
<i>ITGB7</i>	0.52488	0.11924	4.401883	1.07E-05	0.000741664
<i>PCBP2</i>	-0.202665	0.046247	-4.38228	1.17E-05	0.000803604
<i>TGFBR2</i>	-0.400988	0.091509	-4.381934	1.18E-05	0.000803604
<i>BCAR3</i>	1.770814	0.406444	4.356843	1.32E-05	0.000896294
<i>ST3GAL1</i>	0.670778	0.154233	4.349124	1.37E-05	0.000923152
<i>CLIC3</i>	2.296545	0.528866	4.342393	1.41E-05	0.000946523
<i>CHRAC1</i>	-0.406758	0.093805	-4.336227	1.45E-05	0.000966781
<i>CTNND1</i>	-0.575463	0.13274	-4.335268	1.46E-05	0.000966781
<i>SMIM3</i>	1.888098	0.435993	4.330571	1.49E-05	0.000982153
<i>SELENOF</i>	0.216076	0.050068	4.315686	1.59E-05	0.001044924
<i>PPFIBP2</i>	0.770316	0.178979	4.303951	1.68E-05	0.001090747
<i>SLC2A3</i>	-0.647438	0.150435	-4.303765	1.68E-05	0.001090747
<i>CPNE5</i>	1.279915	0.298616	4.286152	1.82E-05	0.001174452
<i>GAK</i>	0.457713	0.107467	4.259102	2.05E-05	0.001318813
<i>RINL</i>	0.446452	0.10489	4.256377	2.08E-05	0.001327807
<i>MDM2</i>	0.496295	0.117238	4.233224	2.30E-05	0.001464354

<i>KMT2E</i>	-0.233903	0.055368	-4.224508	2.39E-05	0.001514099
<i>C9orf16</i>	-0.326691	0.07739	-4.221366	2.43E-05	0.001524221
<i>CHP1</i>	-0.375552	0.08898	-4.220622	2.44E-05	0.001524221
<i>PSME2</i>	0.338298	0.080194	4.218486	2.46E-05	0.001530672
<i>PPP1R18</i>	0.458979	0.109026	4.20983	2.56E-05	0.001576997
<i>RPS4X</i>	-0.393031	0.09337	-4.209404	2.56E-05	0.001576997
<i>NRM</i>	0.58498	0.139311	4.199101	2.68E-05	0.001641976
<i>UBTF</i>	0.448848	0.107412	4.178747	2.93E-05	0.001783428
<i>MCM5</i>	0.531499	0.127213	4.178017	2.94E-05	0.001783428
<i>SNAP23</i>	0.279611	0.067384	4.149509	3.33E-05	0.002010467
<i>CTSB</i>	0.475908	0.115365	4.125243	3.70E-05	0.002218475
<i>NIN</i>	-0.441364	0.107008	-4.124591	3.71E-05	0.002218475
<i>DMD</i>	-0.764948	0.185744	-4.118288	3.82E-05	0.002268617
<i>TELO2</i>	0.67223	0.163607	4.108815	3.98E-05	0.00235194
<i>POU2AF1</i>	0.356068	0.086794	4.102451	4.09E-05	0.002405621
<i>TFAM</i>	0.423631	0.103424	4.096071	4.20E-05	0.002460679
<i>MAST4</i>	-1.418296	0.346938	-4.088038	4.35E-05	0.002534941
<i>SIGLEC14</i>	1.092079	0.267623	4.080658	4.49E-05	0.002597933
<i>TOE1</i>	0.592041	0.145106	4.080072	4.50E-05	0.002597933
<i>NPM1</i>	-0.294616	0.072288	-4.075587	4.59E-05	0.002635728
<i>EBF1</i>	-0.63628	0.156918	-4.054863	5.02E-05	0.002866807
<i>ERAP1</i>	0.525501	0.129917	4.044899	5.23E-05	0.002977191
<i>LSP1</i>	0.421493	0.104366	4.038617	5.38E-05	0.00304224
<i>MYC</i>	0.531569	0.131655	4.037598	5.40E-05	0.00304224
<i>SMARCB1</i>	0.349729	0.086748	4.031542	5.54E-05	0.003106996
<i>PTPRE</i>	-0.96363	0.239299	-4.026878	5.65E-05	0.003154366
<i>FAM167A</i>	1.447748	0.360402	4.017034	5.89E-05	0.003264198
<i>SESN3</i>	-0.357581	0.089025	-4.016617	5.90E-05	0.003264198
<i>PAG1</i>	-1.064004	0.265862	-4.002095	6.28E-05	0.003455163
<i>ZNF44</i>	0.458085	0.114726	3.992874	6.53E-05	0.003575811
<i>C7orf50</i>	-0.70333	0.176779	-3.978584	6.93E-05	0.003771726
<i>ENSG00000261766</i>	0.760216	0.191104	3.978031	6.95E-05	0.003771726
<i>NCF1</i>	0.390785	0.098364	3.972861	7.10E-05	0.003837039
<i>ATP6V1E1</i>	0.423805	0.107201	3.953361	7.71E-05	0.004144908
<i>A4GALT</i>	1.504609	0.3813	3.946001	7.95E-05	0.004255088
<i>TTC3</i>	-0.336015	0.085185	-3.944507	8.00E-05	0.004262493
<i>GTF2E2</i>	0.429522	0.108978	3.941351	8.10E-05	0.004299692
<i>ABI3</i>	0.577494	0.146729	3.935791	8.29E-05	0.004380921
<i>RUBCN</i>	-0.60453	0.153684	-3.933582	8.37E-05	0.004401828
<i>PHF21A</i>	-0.454951	0.11595	-3.923682	8.72E-05	0.004566595
<i>TOP1</i>	0.335956	0.085666	3.921709	8.79E-05	0.004583955
<i>CD48</i>	-0.427216	0.109237	-3.910896	9.20E-05	0.00477319
<i>DDIT4</i>	1.288359	0.329721	3.907419	9.33E-05	0.004821324
<i>CCNDBP1</i>	0.281604	0.072423	3.888339	0.000100933	0.005193876
<i>TNFSF4</i>	0.742124	0.190963	3.886221	0.000101817	0.005216793
<i>DPEP3</i>	1.860634	0.478944	3.88487	0.000102385	0.005223378
<i>RGS3</i>	0.84847	0.219478	3.865852	0.000110702	0.005623579

NEURL2	1.574146	0.407316	3.864683	0.000111234	0.005626527
TP53I11	-0.705275	0.182836	-3.857421	0.00011459	0.005771739
ATP13A2	0.709937	0.184337	3.851304	0.00011749	0.00589286
ENSG00000233038	4.054184	1.053725	3.847478	0.00011934	NA
WDR45	0.296611	0.077112	3.846503	0.000119816	0.005984249
ATP11A	-1.066278	0.278027	-3.835157	0.000125484	0.006241133
ZFP36L2	-0.6403	0.16724	-3.828631	0.000128858	0.00638222
ULK1	0.699476	0.183189	3.818336	0.000134355	0.006626868
ZCCHC7	0.362161	0.094948	3.814312	0.000136563	0.006707955
MACROD2	-0.873483	0.229806	-3.800954	0.00014414	0.007050996
ATF7IP2	0.510117	0.134535	3.791718	0.000149609	0.007288512
PWP1	0.298863	0.078848	3.790366	0.000150425	0.007298392
CR2	1.175512	0.310321	3.788057	0.00015183	0.007336612
P2RY8	0.42613	0.112742	3.779678	0.000157032	0.007557223
CCR7	0.414306	0.109779	3.774016	0.000160641	0.007699739
ZBED2	-1.220586	0.323577	-3.772169	0.000161835	0.007725824
SSR2	-0.294638	0.078214	-3.767091	0.000165161	0.00785307
LMAN1	0.359306	0.095471	3.763519	0.000167539	0.007934415
ENSG00000278158	-0.417806	0.111101	-3.760587	0.000169515	0.007973008
ARHGEF1	0.420163	0.111736	3.760321	0.000169696	0.007973008
RHOA	0.250468	0.066837	3.747457	0.000178636	0.008360038
RPL12	-0.591133	0.157959	-3.742307	0.000182338	0.008499827
TMEM65	0.663069	0.177567	3.73418	0.000188327	0.008711839
SNX18	0.785195	0.210274	3.734147	0.000188352	0.008711839
ATP2B1	-0.324333	0.086918	-3.731488	0.000190352	0.008770229
PSAP	0.249245	0.066958	3.722401	0.000197337	0.009052631
EIF3E	-0.308708	0.082951	-3.721548	0.000198005	0.009052631
PFDN5	-0.22885	0.061639	-3.712768	0.000205005	0.009336757
FTH1	-0.250061	0.06744	-3.707917	0.000208971	0.009481078
SIDT1	-0.537254	0.145023	-3.704609	0.000211717	0.009569117
ST13	-0.24678	0.066734	-3.697962	0.000217337	0.00978595
ZNF830	0.339915	0.091946	3.696909	0.000218241	0.009789542
ETFRF1	0.445182	0.120517	3.693922	0.000220821	0.009868054
SNRPB2	0.259412	0.070352	3.687325	0.000226623	0.010089411
SLC25A5	-0.303777	0.08243	-3.685273	0.000228458	0.010133128
PDCD4	0.704872	0.191356	3.683553	0.000230005	0.010163833
REL	-0.442769	0.120399	-3.677517	0.000235515	0.010368765
RGS1	-1.571377	0.42802	-3.671268	0.00024135	0.010586459
PXK	0.474109	0.129178	3.67019	0.00024237	0.010592124
MAP3K1	0.392712	0.107101	3.666732	0.00024567	0.010697011
GPER1	-2.612246	0.713151	-3.66296	0.000249317	0.010774617
HLA.DPB1	-0.51473	0.140525	-3.662913	0.000249363	0.010774617
CLCN7	0.497676	0.1359	3.662084	0.000250172	0.010774617
LYRM9	-0.617622	0.168779	-3.659348	0.000252858	0.010850989
TAGLN2	0.255376	0.069996	3.648445	0.000263832	0.011281207
AHRR	-2.236515	0.613565	-3.645113	0.000267274	0.011364525
CD79A	0.474686	0.13024	3.64471	0.000267693	0.011364525



SLA	0.468441	0.129454	3.618602	0.000296198	0.012529928
ENSG00000237513	-0.641704	0.178684	-3.591286	0.00032905	0.013870266
MAN2A2	-0.696302	0.194421	-3.581414	0.00034174	0.014354298
RPL10	-0.456714	0.12773	-3.575612	0.000349409	0.014624733
IER2	0.239844	0.067111	3.573859	0.000351759	0.014671424
NFKBIA	0.283904	0.079462	3.572837	0.000353135	0.014677328
ENSG00000251364	1.376933	0.385592	3.570954	0.000355684	0.01469197
SDE2	0.667279	0.186917	3.569922	0.000357088	0.01469197
TBC1D9	0.603621	0.169123	3.569133	0.000358164	0.01469197
PISD	0.529688	0.148416	3.568938	0.000358431	0.01469197
SRP14	0.13772	0.038664	3.561922	0.000368149	0.015038451
VSIG10L	2.0132	0.566504	3.553725	0.000379816	0.015461874
MDK	0.8345	0.234977	3.551414	0.000383168	0.015545101
SUSD3	-0.728447	0.205927	-3.537413	0.000404067	0.016337235
ENSG00000131408	0.245936	0.069705	3.528225	0.000418356	0.016857627
BATF2	1.774538	0.503394	3.52515	0.000423243	0.016996908
WDR11	0.353432	0.100286	3.524254	0.000424677	0.016997098
LPP	-0.51529	0.146475	-3.517929	0.000434928	0.017348966
UXT	-0.205126	0.058496	-3.506633	0.000453815	0.018041787
TSG101	0.382985	0.109899	3.484884	0.000492351	0.019508582
MYADM	0.517799	0.148705	3.482052	0.000497586	0.019643464
CD44	-0.329777	0.094742	-3.480803	0.000499912	0.019643464
ECHS1	0.381139	0.109511	3.480375	0.000500713	0.019643464
TOP1MT	-0.638538	0.183694	-3.476103	0.000508757	0.019870504
OTUD7A	1.758607	0.505997	3.475531	0.000509843	0.019870504
PXDC1	1.747081	0.503367	3.470791	0.000518928	0.020158468
AFF3	-0.348175	0.100367	-3.469029	0.000522342	0.020225028
EML2	0.532355	0.153551	3.466961	0.000526378	0.020282028
GTF2B	0.457466	0.131989	3.465927	0.000528407	0.020282028
ST6GAL1	-0.390586	0.112735	-3.464629	0.000530964	0.020282028
MTSS1	-0.418186	0.120703	-3.464577	0.000531066	0.020282028
TAF12	0.29561	0.08534	3.46393	0.000532346	0.020282028
DNAJC7	0.267624	0.077343	3.46023	0.000539715	0.020497091
ACP5	1.041597	0.301122	3.459054	0.000542076	0.020521193
CHCHD10	1.556237	0.450444	3.454896	0.000550505	0.020774134
FCGRT	-0.462273	0.13388	-3.452877	0.000554642	0.020864005
DPH5	-0.409872	0.1188	-3.450115	0.000560349	0.021012186
FCER2	1.437275	0.41746	3.442901	0.00057551	0.021512848
C1orf162	-0.270686	0.078776	-3.436123	0.000590102	0.021989174
SIGLEC5	1.368259	0.399086	3.428478	0.000606975	0.022547223
OLA1	-0.352954	0.10325	-3.41846	0.000629765	0.023320937
TMEM134	-0.288398	0.0844	-3.417047	0.000633044	0.023369531
DTX4	0.640149	0.187533	3.413535	0.00064126	0.023599568
ENTPD1	-0.724426	0.212318	-3.411982	0.000644923	0.023610967
ENSG00000089127	0.555286	0.162758	3.411721	0.000645543	0.023610967
TMEM59	0.206948	0.060705	3.409096	0.000651785	0.023766176
FAU	-0.251635	0.073846	-3.407573	0.000655434	0.023826113

<i>C8orf58</i>	-0.819553	0.240834	-3.402979	0.000666554	0.02415648
<i>STK17A</i>	0.362104	0.106459	3.401344	0.000670554	0.024227586
<i>COA1</i>	0.415377	0.122158	3.400325	0.000673057	0.024244336
<i>SLC25A19</i>	0.422716	0.124392	3.398246	0.000678194	0.024355554
<i>CXXC5</i>	-0.374829	0.110388	-3.395559	0.000684885	0.024521783
<i>FAM129C</i>	-0.36877	0.108753	-3.390899	0.000696636	0.02486762
<i>NAP1L1</i>	-0.357927	0.105596	-3.389575	0.000700011	0.024913274
<i>LARGE1</i>	1.432508	0.424098	3.37778	0.000730735	0.025845512
<i>RAB7A</i>	0.267524	0.079218	3.37707	0.000732624	0.025845512
<i>ZNF581</i>	-0.404375	0.119765	-3.376417	0.000734365	0.025845512
<i>CARHSP1</i>	0.251882	0.074605	3.376216	0.000734902	0.025845512
<i>NUBP1</i>	0.343553	0.101803	3.374681	0.000739012	0.025913379
<i>EMC6</i>	-0.312578	0.092802	-3.36822	0.000756552	0.026450407
<i>RAB37</i>	0.699093	0.207711	3.365706	0.00076348	0.026603435
<i>CYBA</i>	0.28184	0.083756	3.365011	0.000765405	0.026603435
<i>MRPL39</i>	0.407429	0.121244	3.360393	0.000778316	0.02697329
<i>ZNF337.AS1</i>	0.908178	0.270832	3.353289	0.000798574	0.027594895
<i>NDUFA2</i>	0.249105	0.07439	3.348648	0.000812069	0.027979891
<i>TMEM159</i>	-0.527198	0.157798	-3.340962	0.000834888	0.028682987
<i>CCNI</i>	-0.21217	0.063589	-3.336587	0.000848139	0.029054244
<i>ZNF280B</i>	-1.187887	0.357429	-3.323418	0.000889217	0.030373904
<i>POLM</i>	0.364002	0.109771	3.316008	0.000913132	0.031101436
<i>NCOA4</i>	0.338916	0.102242	3.314826	0.000917001	0.031143967
<i>ENSG00000225489</i>	1.196544	0.361518	3.309775	0.000933709	0.031621069
<i>GFOD1</i>	-0.749875	0.226689	-3.307943	0.00093984	0.031738287
<i>AP3S1</i>	0.502581	0.152018	3.306065	0.000946161	0.031861238
<i>ALOX5</i>	0.323351	0.09785	3.30457	0.000951221	0.03194115
<i>TBL1X</i>	-0.531599	0.161086	-3.300086	0.000966552	0.032364511
<i>ETFB</i>	0.392031	0.118828	3.299151	0.000969779	0.032381355
<i>SNU13</i>	0.160653	0.048714	3.297906	0.000974089	0.032434163
<i>PPP3CA</i>	-0.250518	0.076008	-3.29592	0.000980999	0.032573013
<i>LARGE2</i>	-0.453981	0.137818	-3.294052	0.000987543	0.032644875
<i>KEAP1</i>	0.539933	0.163927	3.293735	0.000988656	0.032644875
<i>NEIL1</i>	-0.868306	0.263767	-3.29194	0.000994989	0.032762975
<i>HERC2</i>	-0.449128	0.136529	-3.289622	0.001003219	0.032942715
<i>CD22</i>	0.524729	0.159597	3.287841	0.001009588	0.032969805
<i>PCNA</i>	0.46281	0.140764	3.28784	0.001009591	0.032969805
<i>CD47</i>	-0.272887	0.083387	-3.272539	0.001065863	0.034712088
<i>MRPS22</i>	0.349795	0.107271	3.260857	0.001110761	0.036075442
<i>HERPUD1</i>	-0.300123	0.092135	-3.257419	0.001124304	0.036415821
<i>UBE2D1</i>	0.303751	0.093443	3.250669	0.001151338	0.037115388
<i>NP1PB11</i>	-1.576177	0.484907	-3.250469	0.001152148	0.037115388
<i>MMP7</i>	1.794069	0.552361	3.248	0.001162192	0.037337763
<i>RPL3</i>	-0.379696	0.11703	-3.244423	0.001176887	0.037632703
<i>CD37</i>	-0.261224	0.08052	-3.244226	0.001177704	0.037632703
<i>RACK1</i>	-0.392914	0.121211	-3.241571	0.001188728	0.037883128
<i>LMNA</i>	-1.581539	0.488632	-3.236667	0.001209346	0.038390519

<i>EXOSC5</i>	0.471437	0.145703	3.235604	0.001213855	0.038390519
<i>EHD4</i>	-0.396358	0.122503	-3.235491	0.001214338	0.038390519
<i>CYTH1</i>	0.205042	0.063414	3.233366	0.001223409	0.038574695
<i>HIGD1A</i>	0.386785	0.1197	3.231302	0.001232275	0.038751454
<i>PIM1</i>	-0.355713	0.11012	-3.230214	0.001236977	0.038796686
<i>LINC02202</i>	-2.359982	0.73082	-3.229223	0.00124127	NA
<i>GPR155</i>	-0.766562	0.237664	-3.225395	0.001257991	0.039351949
<i>WDR92</i>	-0.604733	0.187594	-3.223631	0.001265766	0.03949122
<i>ERP29</i>	-0.263559	0.081811	-3.221568	0.001274912	0.039672443
<i>PSD3</i>	-0.838979	0.260795	-3.217013	0.001295329	0.040202557
<i>DMXL1</i>	-0.373384	0.116384	-3.208202	0.001335677	0.041346851
<i>POLR2G</i>	0.337568	0.105353	3.204154	0.001354598	0.041823647
<i>ENSG00000188206</i>	-0.420189	0.131245	-3.201568	0.001366816	0.042091561
<i>PTP4A3</i>	1.569688	0.490933	3.197357	0.001386933	0.042600708
<i>BCL2L11</i>	-0.701156	0.219591	-3.193014	0.00140796	0.043135111
<i>RPL11</i>	-0.280579	0.087966	-3.189617	0.001424615	0.043533152
<i>GABARAPL2</i>	0.179016	0.056207	3.184928	0.001447901	0.044114224
<i>SNN</i>	0.587842	0.184607	3.184299	0.001451053	0.044114224
<i>CAMK2D</i>	-0.328817	0.103534	-3.17592	0.001493622	0.045155277
<i>COQ8A</i>	0.4684	0.147504	3.17551	0.001495734	0.045155277
<i>PTK2B</i>	0.424935	0.133824	3.175324	0.001496692	0.045155277
<i>TCF4</i>	-0.249942	0.078851	-3.1698	0.001525439	0.045906053
<i>TERF2IP</i>	0.265009	0.083764	3.163776	0.001557368	0.046725143
<i>C1orf131</i>	-0.3944	0.124685	-3.163187	0.001560518	0.046725143
<i>PCBP1</i>	-0.208612	0.066016	-3.160031	0.001577521	0.046975543
<i>DALRD3</i>	-0.318211	0.10071	-3.159681	0.001579421	0.046975543
<i>RAPGEF5</i>	-1.731895	0.548166	-3.159438	0.001580737	0.046975543
<i>CRYL1</i>	-0.954199	0.302314	-3.156318	0.001597744	0.047362542
<i>NUP88</i>	0.305764	0.097027	3.151327	0.001625305	0.048059705
<i>BPTF</i>	-0.25094	0.079757	-3.146319	0.001653395	0.048768996
<i>RPS9</i>	-0.562421	0.178848	-3.144686	0.001662654	0.048920706
<i>IMPA1</i>	0.352955	0.112379	3.140751	0.001685151	0.049460221
<i>MIDN</i>	0.395264	0.125895	3.13962	0.00169167	0.04952925
<i>MYBL2</i>	-1.827875	0.582548	-3.137723	0.001702658	0.049728497
<i>TXLNG</i>	0.488621	0.155891	3.134369	0.001722239	0.050152605
<i>ENSG00000270022</i>	1.343041	0.428567	3.133794	0.001725618	0.050152605
<i>SLC25A6</i>	-0.366016	0.116939	-3.129967	0.001748257	0.050686651
<i>SPTAN1</i>	-0.328742	0.105085	-3.128343	0.001757949	0.050843649
<i>TNFRSF18</i>	-0.909015	0.290709	-3.126896	0.001766622	0.050892908
<i>CTSA</i>	0.44194	0.141347	3.126631	0.001768215	0.050892908
<i>PRDM2</i>	-0.313101	0.100261	-3.12285	0.00179109	0.05142677
<i>OXA1L</i>	-0.256881	0.082285	-3.121834	0.001797281	0.051480184
<i>EFCAB5</i>	0.606405	0.195011	3.109591	0.001873468	0.053533444
<i>QPRT</i>	1.607041	0.516981	3.108508	0.001880344	0.053601091
<i>NEDD9</i>	0.47518	0.152925	3.107272	0.001888228	0.053697062
<i>CHPT1</i>	-0.457603	0.147309	-3.106414	0.001893711	0.053724446
<i>P4HTM</i>	-0.466559	0.150431	-3.101475	0.001925589	0.054498757

SRD5A1	-0.495908	0.16021	-3.095362	0.001965726	0.055502567
RAP2B	-0.490272	0.158447	-3.09423	0.001973247	0.055582909
RPL29	-0.286758	0.092809	-3.089751	0.002003247	0.056294554
RASA2	-0.401102	0.129947	-3.086656	0.002024218	0.056617672
ELOA	0.3405	0.110314	3.086648	0.002024271	0.056617672
WARS	1.084846	0.351558	3.085829	0.002029856	0.05664061
AGO2	-0.329806	0.106914	-3.08479	0.002036959	0.056705684
MEF2A	0.416359	0.135034	3.083354	0.002046815	0.056787286
FKBP2	0.262469	0.085135	3.082972	0.002049444	0.056787286
ENSG00000272800	-3.001255	0.975002	-3.078204	0.002082526	NA
BTG2	-0.310344	0.100823	-3.078109	0.002083188	0.057588048
DHRS3	3.509207	1.140687	3.076397	0.002095189	0.057707179
CYBC1	-0.26465	0.086047	-3.075636	0.002100539	0.057707179
IL1B	2.475638	0.804975	3.07542	0.002102062	0.057707179
METTL7A	0.320272	0.104199	3.073662	0.00211449	0.057894003
LIPA	0.34807	0.113283	3.072563	0.002122293	0.057894003
SPATA2	0.605993	0.197281	3.071729	0.002128229	0.057894003
RPL22L1	-0.337668	0.109928	-3.071712	0.002128349	0.057894003
LYN	-0.292462	0.09527	-3.069826	0.002141835	0.058127825
NSL1	0.273961	0.089267	3.069	0.002147766	0.058156016
NIPAL4	0.903536	0.29455	3.067514	0.002158475	0.058313152
ING1	0.398925	0.13022	3.063478	0.002187801	0.058971419
RPS23	-0.27427	0.089564	-3.062289	0.00219651	0.059053826
VPS51	-0.316043	0.103224	-3.061706	0.002200795	0.059053826
UBA52	-0.19416	0.063454	-3.059841	0.002214544	0.059288941
NSUN2	0.427026	0.139759	3.055451	0.002247221	0.060028577
TOM1	0.420389	0.137767	3.051459	0.002277318	0.060696138
ASCC1	0.509801	0.167112	3.050664	0.002283357	0.060720952
EIF3F	-0.321336	0.105387	-3.049115	0.002295165	0.060898726
EMG1	0.263463	0.086429	3.048307	0.002301345	0.060926686
IQCD	0.711534	0.233547	3.046646	0.0023141	0.061128225
LINC01588	-0.364961	0.119836	-3.04551	0.002322863	0.061223674
KCNC3	0.706594	0.232312	3.041571	0.002353468	0.061893084
EVI2B	0.200371	0.065923	3.039487	0.002369816	0.062185431
FEM1A	0.349582	0.115058	3.038314	0.002379062	0.062290552
WDR12	0.515445	0.16991	3.03363	0.002416304	0.063126606
DPM2	-0.257888	0.08515	-3.028648	0.002456509	0.064036227
RASAL1	-2.291322	0.756794	-3.027669	0.002464477	NA
SLC1A4	-0.89242	0.295217	-3.022929	0.002503411	0.065031676
MRPS14	0.24243	0.080204	3.02266	0.002505637	0.065031676
GEN1	-0.718159	0.237654	-3.021869	0.002512196	0.065059855
SHISAL2A	0.346368	0.114695	3.019903	0.002528557	0.065341207
TARS2	0.496246	0.164396	3.018596	0.002539486	0.065481286
IQGAP1	-0.271574	0.089992	-3.017768	0.002546434	0.065518324
SC5D	-0.4982	0.165192	-3.015878	0.002562367	0.065540282
FKBP5	0.730085	0.242113	3.015472	0.002565795	0.065540282
TIMP1	-0.521446	0.172938	-3.015211	0.002568001	0.065540282

<i>MICU2</i>	0.31925	0.105885	3.015053	0.002569342	0.065540282
<i>GNG2</i>	0.383926	0.127466	3.011996	0.002595361	0.066062221
<i>TSTD1</i>	-0.325043	0.108011	-3.00935	0.00261807	0.066497865
<i>CCDC50</i>	-0.329307	0.109481	-3.007908	0.002630525	0.066671743
<i>ECH1</i>	0.265036	0.088229	3.003935	0.002665124	0.067302502
<i>LPIN1</i>	-0.650132	0.216461	-3.003463	0.002669257	0.067302502
<i>RPL34</i>	-0.332353	0.11067	-3.003106	0.002672397	0.067302502
<i>AKR1B1</i>	0.243817	0.081282	2.999627	0.002703104	0.067871892
<i>ENSG00000166928</i>	-1.946723	0.649069	-2.999253	0.002706425	0.067871892
<i>BUD31</i>	0.206981	0.069028	2.998509	0.002713037	0.067894473
<i>WDFY4</i>	-0.373188	0.124496	-2.997597	0.002721173	0.067955013
<i>CCDC86</i>	0.615744	0.205573	2.995266	0.002742058	0.068333001
<i>SLAMF7</i>	-1.020792	0.341101	-2.992637	0.002765783	0.068670447
<i>VBP1</i>	0.239724	0.080122	2.99199	0.00277165	0.068670447
<i>TNFRSF13B</i>	-1.091315	0.364763	-2.991849	0.00277293	0.068670447
<i>CMTM7</i>	0.425682	0.142442	2.988468	0.002803802	0.069290631
<i>SERPINE2</i>	0.871463	0.291881	2.985679	0.002829498	0.069780593
<i>GSTK1</i>	-0.24018	0.080572	-2.980949	0.002873569	0.070720726
<i>ENSG00000271857</i>	3.285174	1.104337	2.974794	0.002931858	NA
<i>HSD17B11</i>	-0.233257	0.07843	-2.974065	0.00293883	0.072177419
<i>TNFRSF13C</i>	-0.293122	0.098598	-2.972904	0.002949971	0.072301662
<i>IL2RA</i>	-0.987686	0.33249	-2.970573	0.002972449	0.072702671
<i>GSTP1</i>	0.255974	0.086271	2.967088	0.003006345	0.073380753
<i>LSM2</i>	-0.24628	0.08306	-2.965066	0.003026179	0.073686507
<i>SNW1</i>	0.286778	0.096744	2.964313	0.003033595	0.073686507
<i>NME4</i>	-0.574872	0.193981	-2.963555	0.003041076	0.073686507
<i>BCCIP</i>	0.32558	0.109871	2.963293	0.003043667	0.073686507
<i>HOXB3</i>	1.886742	0.637197	2.961001	0.003066407	0.074086142
<i>EIF6</i>	0.209246	0.070696	2.959812	0.003078267	0.074221825
<i>LAIR1</i>	0.695603	0.235313	2.956078	0.003115782	0.074974296
<i>EIF4B</i>	-0.246113	0.083297	-2.954647	0.003130265	0.075170622
<i>SYNE3</i>	-0.47506	0.160836	-2.953689	0.00314	0.075252387
<i>LDHB</i>	-0.247669	0.083883	-2.952531	0.003151806	0.075383343
<i>TRIM25</i>	0.518148	0.175691	2.949207	0.003185901	0.076045802
<i>CHCHD6</i>	-0.701889	0.238191	-2.946745	0.003211383	0.076500424
<i>HIVEP2</i>	0.519871	0.176513	2.945223	0.003227221	0.076723944
<i>PPIF</i>	-0.547311	0.185878	-2.944471	0.003235075	0.076757158
<i>RPS18</i>	-0.30767	0.104552	-2.942743	0.003253179	0.07703294
<i>SPA17</i>	1.700093	0.578064	2.941009	0.003271445	0.07716779
<i>DNAJA2</i>	0.263263	0.089528	2.940584	0.003275946	0.07716779
<i>RIMKLB</i>	-0.458217	0.155838	-2.940341	0.003278516	0.07716779
<i>NEK3</i>	-1.524734	0.518662	-2.939743	0.003284841	0.07716779
<i>ARL4C</i>	-0.68056	0.23167	-2.937627	0.003307344	0.077543188
<i>IGBP1</i>	-0.355638	0.121191	-2.934522	0.003340614	0.078169062
<i>ADD1</i>	0.290829	0.099134	2.933687	0.003349613	0.078225644
<i>STAT4</i>	-0.718723	0.245243	-2.930654	0.003382498	0.07879336
<i>RPS28</i>	-0.271987	0.092821	-2.930224	0.00338718	0.07879336

HGSNAT	-0.593403	0.202716	-2.927259	0.003419639	0.079364194
EPHB6	-0.504089	0.172234	-2.926765	0.003425072	0.079364194
NDUFB3	0.228263	0.078024	2.925537	0.003438628	0.079464836
DUSP4	-1.714408	0.58609	-2.925161	0.003442785	0.079464836
RPL19	-0.219826	0.075184	-2.923819	0.003457654	0.079653365
PLD4	-0.896546	0.306795	-2.922293	0.003474641	0.079889868
ZDHHC21	-0.508914	0.174349	-2.918943	0.003512207	0.080487988
UTP3	0.30794	0.105503	2.918766	0.003514198	0.080487988
ATF4	0.294738	0.101014	2.917809	0.003524997	0.080580086
PDE3B	-0.76197	0.261281	-2.916283	0.003542295	0.08082008
TOB1	-0.435213	0.149383	-2.913411	0.00357504	0.08136333
CPEB2	-1.273	0.437074	-2.912549	0.003584923	0.08136333
WBP2	0.330261	0.113398	2.912399	0.00358664	0.08136333
GNAZ	-0.894725	0.307281	-2.911746	0.003594143	0.081378247
ENSG00000274213	0.999664	0.343473	2.910457	0.003609006	0.08155943
CAMK2G	-0.409461	0.140948	-2.905045	0.003672001	0.082825562
PSMB4	0.282266	0.09722	2.90338	0.00369158	0.083109491
TMEM140	0.538252	0.185453	2.902365	0.003703571	0.083221821
SLC35B2	-0.499909	0.172302	-2.901348	0.003715613	0.083257706
TMEM175	0.615363	0.212118	2.901047	0.003719176	0.083257706
UBE2T	0.507186	0.174946	2.899107	0.003742271	0.083559092
TAF7	0.177683	0.061297	2.898736	0.003746698	0.083559092
SSBP1	0.184829	0.063903	2.892352	0.003823692	0.085116527
C14orf28	-0.444455	0.153756	-2.890645	0.003844526	0.085420342
ABHD14B	-0.249603	0.086421	-2.88823	0.003874164	0.085755467
ZDHHC23	-0.67241	0.232829	-2.887999	0.003877012	0.085755467
ENSG00000259436	-0.460383	0.159431	-2.887655	0.003881252	0.085755467
ENSA	0.184622	0.063972	2.885982	0.003901945	0.085940265
FMNL3	0.395544	0.137065	2.88581	0.003904075	0.085940265
RDH10	2.048292	0.710157	2.884282	0.003923072	NA
COX6A1	0.208533	0.072358	2.881954	0.003952172	0.086838214
COMMD6	-0.161615	0.056107	-2.880502	0.003970423	0.086972109
GADD45GIP1	0.201776	0.070054	2.880306	0.003972899	0.086972109
SNRPC	0.224752	0.078232	2.872876	0.004067537	0.088880159
DDX21	0.228829	0.079729	2.87007	0.00410381	0.089360257
IRF1	0.329123	0.114687	2.869756	0.004107887	0.089360257
FLOT1	0.27693	0.09652	2.86914	0.004115892	0.089360257
SPCS2	0.188049	0.065548	2.868857	0.004119578	0.089360257
CMC2	0.301254	0.105059	2.867484	0.004137492	0.089585377
RABAC1	0.220316	0.076996	2.861404	0.004217691	0.090999671
TMEM135	0.944355	0.330036	2.861372	0.004218122	0.090999671
TACO1	0.392032	0.137146	2.858499	0.004256511	0.091513746
POP4	0.288604	0.100966	2.858436	0.004257348	0.091513746
CD5	-1.085725	0.380142	-2.8561	0.004288804	0.091922953
CHEK1	-1.29734	0.454271	-2.855874	0.004291852	0.091922953
HIVEP3	0.774619	0.27137	2.854472	0.004310843	0.092163645
GPANK1	0.248032	0.087011	2.850594	0.004363772	0.093008659

<i>SMS</i>	0.269483	0.094547	2.850244	0.004368567	0.093008659
<i>HSPA8</i>	-0.368022	0.129137	-2.849861	0.00437384	0.093008659
<i>EEF1E1</i>	0.274095	0.096366	2.844306	0.004450828	0.094476782
<i>FBXO15</i>	-0.897055	0.315792	-2.840652	0.004502137	0.095395546
<i>CLYBL</i>	-0.751729	0.264708	-2.839837	0.004513665	0.095469641
<i>CEP170</i>	0.339907	0.119745	2.838601	0.004531176	0.095669775
<i>KLHL14</i>	-0.525911	0.185549	-2.834354	0.00459184	0.096778719
<i>SDHD</i>	0.246952	0.087148	2.833714	0.004601049	0.096801185
<i>PABPN1</i>	-0.222454	0.078551	-2.831963	0.004626324	0.097160976
<i>CEP68</i>	-0.372755	0.131661	-2.831177	0.004637704	0.097228203
<i>GTDC1</i>	-0.648396	0.229187	-2.829118	0.004667656	0.097683841
<i>RPL32</i>	-0.265698	0.093953	-2.827988	0.004684152	0.0978568
<i>IKZF2</i>	-0.706443	0.24988	-2.827125	0.004696802	0.097948928
<i>SMIM20</i>	0.341121	0.120711	2.825941	0.004714193	0.098139435
<i>RHOBTB2</i>	-1.200366	0.425214	-2.82297	0.004758098	0.098880272
<i>C12orf42</i>	-0.483092	0.171175	-2.822211	0.004769375	0.098937553
<i>RPL30</i>	-0.237906	0.084325	-2.821294	0.004783041	0.098937553
<i>ENSG00000230709</i>	-0.943923	0.334613	-2.820938	0.004788344	0.098937553
<i>MADCAM1</i>	-1.121647	0.39767	-2.82055	0.004794147	0.098937553
<i>HSBP1</i>	0.246655	0.087535	2.817777	0.004835736	0.099622867
<i>ENSG00000277511</i>	-0.544062	0.193253	-2.815283	0.004873432	0.100225764
<i>FDFT1</i>	0.305941	0.108705	2.814413	0.004886638	0.100323771
<i>PRDX6</i>	0.209221	0.074399	2.812146	0.004921217	0.100730989
<i>ENO1</i>	0.309995	0.110299	2.810501	0.004946441	0.100730989
<i>REM2</i>	0.870621	0.309819	2.810095	0.004952686	0.100730989
<i>ENSG00000253535</i>	0.722683	0.257188	2.809943	0.004955034	0.100730989
<i>TECPR1</i>	0.567744	0.202058	2.809803	0.004957181	0.100730989
<i>RPL41</i>	-0.246876	0.087872	-2.809493	0.004961962	0.100730989
<i>ITGAE</i>	0.277516	0.098787	2.809245	0.004965791	0.100730989
<i>ZNF785</i>	0.400138	0.142801	2.80207	0.005077584	0.10282324
<i>NFATC3</i>	0.326743	0.116637	2.801377	0.005088502	0.102841123
<i>RPS6</i>	-0.296592	0.105898	-2.800721	0.005098855	0.102841123
<i>ACP1</i>	0.173264	0.061872	2.800369	0.005104422	0.102841123
<i>HHIP.AS1</i>	-2.005427	0.716714	-2.798084	0.005140679	NA
<i>PADI4</i>	-1.219189	0.436038	-2.796062	0.005172944	0.104045314
<i>SCAF4</i>	-0.283876	0.101572	-2.794816	0.005192926	0.104084557
<i>SHQ1</i>	0.599835	0.21463	2.794738	0.005194185	0.104084557
<i>GPR18</i>	0.588343	0.210551	2.794304	0.005201163	0.104084557
<i>PDIA3</i>	0.309279	0.110732	2.793039	0.005221546	0.104316828
<i>MOSPD1</i>	0.465103	0.166656	2.790799	0.005257807	0.104760154
<i>UBB</i>	0.261478	0.0937	2.79058	0.005261362	0.104760154
<i>POU2F2</i>	-0.20246	0.072612	-2.788236	0.005299593	0.105238241
<i>ARHGAP27</i>	0.362506	0.130023	2.788023	0.00530308	0.105238241
<i>ATF3</i>	0.723982	0.25978	2.7869	0.005321497	0.105427719
<i>GPR137</i>	0.227145	0.081523	2.786248	0.005332198	0.105463957
<i>ENSG00000276136</i>	-0.752841	0.270413	-2.784046	0.005368547	0.106006506
<i>EPB41L4A.AS1</i>	-0.226878	0.081511	-2.783416	0.005378987	0.10603651

ZMYM3	-0.526635	0.189312	-2.781834	0.005405273	0.106378279
TNIP1	0.225298	0.081109	2.777741	0.005473831	0.107549474
TXNDC12	0.254275	0.091776	2.770611	0.005595115	0.109751037
ANXA7	0.294487	0.106367	2.768596	0.005629842	0.110250303
HNRNPC	0.217481	0.078618	2.766286	0.005669883	0.110851798
DAD1	0.227143	0.082151	2.76496	0.005692974	0.111012271
SLFN11	-0.716388	0.259116	-2.764743	0.005696768	0.111012271
TTC39C	-0.557497	0.201724	-2.763657	0.005715766	0.111200181
ZW10	0.640998	0.232029	2.762584	0.005734586	0.111308981
PLEK	1.002769	0.363024	2.762271	0.005740086	0.111308981
ANKRD37	0.476764	0.172778	2.759402	0.005790721	0.112107979
ZNF652	-0.381399	0.138285	-2.758072	0.005814337	0.112284752
TSPAN14	-0.349589	0.126763	-2.757824	0.005818744	0.112284752
ITGB2	0.642127	0.233004	2.75587	0.005853624	0.11277476
RSRC1	-0.260374	0.094573	-2.753162	0.005902264	0.113173044
KATNBL1	-0.26527	0.096354	-2.753092	0.005903529	0.113173044
ENSG00000274184	-0.680999	0.247441	-2.752166	0.005920246	0.113173044
KBTBD6	-0.400964	0.14572	-2.751606	0.005930376	0.113173044
ENSG00000235609	1.456059	0.529191	2.751482	0.005932631	0.113173044
RPL38	-0.233734	0.084959	-2.751125	0.005939103	0.113173044
EBLN2	0.43511	0.158186	2.750627	0.00594814	0.113173044
FBXO11	-0.358919	0.130492	-2.750499	0.005950463	0.113173044
TEX264	0.252923	0.092012	2.748808	0.005981247	0.113479027
CWC15	0.212266	0.077228	2.748567	0.005985644	0.113479027
LGALS3	-0.64217	0.233757	-2.747168	0.006011236	0.113571799
NECAP2	0.202153	0.073589	2.74705	0.006013393	0.113571799
HNRNPH3	0.212001	0.077183	2.746734	0.0060192	0.113571799
HMGN1	-0.191737	0.069866	-2.744342	0.006063239	0.114221439
CD83	-0.200914	0.073228	-2.743665	0.006075754	0.114276095
SPIDR	-0.438614	0.159942	-2.742336	0.006100395	0.114558288
FANCG	-0.667994	0.24385	-2.739369	0.006155723	0.115414954
CAMKMT	-0.504749	0.184324	-2.738384	0.006174187	0.11551968
MAGOH	0.211515	0.07726	2.737703	0.006186996	0.11551968
MDH1	0.315649	0.115305	2.737519	0.006190463	0.11551968
ARHGEF40	-1.997523	0.729908	-2.736679	0.00620628	NA
IL6	-1.471908	0.538368	-2.734018	0.006256656	0.116376659
SERPINB1	0.316514	0.115782	2.733708	0.006262564	0.116376659
PIM2	-0.208933	0.076437	-2.733393	0.006268547	0.116376659
ZNF277	-0.331538	0.121337	-2.732384	0.006287781	0.116376659
LRPAP1	0.246572	0.090253	2.732	0.006295108	0.116376659
ZMIZ1	-0.976177	0.357401	-2.731318	0.006308154	0.116376659
RNF41	-0.223343	0.081773	-2.731242	0.006309612	0.116376659
NFKBIB	0.331435	0.121361	2.730976	0.006314709	0.116376659
RNF167	0.222799	0.081708	2.726775	0.006395664	0.117686157
LTA4H	-0.303548	0.111138	-2.725333	0.006423666	0.118018736
CKLF	-0.471538	0.173067	-2.724589	0.00643816	0.118102486
MRM2	0.262039	0.096216	2.723449	0.006460416	0.118328148



<i>MAN1B1</i>	-0.391724	0.143944	-2.72137	0.006501193	0.1187172
<i>EEF1D</i>	-0.266816	0.098046	-2.721348	0.006501632	0.1187172
<i>IRF4</i>	0.425386	0.156661	2.715336	0.006620859	0.120397354
<i>PDIA6</i>	0.253323	0.093295	2.715297	0.006621632	0.120397354
<i>SEC61B</i>	-0.272077	0.100206	-2.715177	0.006624032	0.120397354
<i>SNRPB</i>	0.211932	0.07811	2.713262	0.00666245	0.120910748
<i>TRIM33</i>	-0.302707	0.111688	-2.710296	0.006722325	0.121811402
<i>BANK1</i>	-0.337276	0.124513	-2.708763	0.006753456	0.122189241
<i>PSME1</i>	0.152106	0.056247	2.704242	0.006846037	0.123676051
<i>SAP18</i>	0.167265	0.061867	2.703597	0.006859352	0.123728559
<i>ZKSCAN1</i>	-0.253914	0.093974	-2.70195	0.006893404	0.124154389
<i>PRPF19</i>	0.38301	0.141788	2.701287	0.006907177	0.124214232
<i>SERPIN6</i>	0.450539	0.166836	2.700484	0.006923872	0.124326384
<i>TANK</i>	0.177057	0.065583	2.699751	0.006939129	0.124412404
<i>ENSG00000176320</i>	2.490283	0.922711	2.698877	0.00695739	NA
<i>CCDC28A</i>	0.242878	0.090062	2.696794	0.007001047	0.125333494
<i>IK</i>	0.205563	0.076313	2.69368	0.007066793	0.126320259
<i>PTBP1</i>	0.231591	0.08604	2.691678	0.007109357	0.126890273
<i>TSC22D1</i>	-0.524518	0.194923	-2.690901	0.007125928	0.126995355
<i>MSI2</i>	-0.335271	0.124621	-2.690319	0.007138383	0.127026875
<i>TTC21A</i>	-0.384677	0.143181	-2.686648	0.007217291	0.128239077
<i>FCHSD2</i>	-0.373494	0.139045	-2.686131	0.007228474	0.128246068
<i>RASGRF1</i>	-1.522952	0.567407	-2.684055	0.007273514	0.128736724
<i>GRAP</i>	0.457636	0.170514	2.683859	0.007277789	0.128736724
<i>CENPT</i>	-0.321645	0.119946	-2.681587	0.00732739	0.129361403
<i>EIF3L</i>	-0.347213	0.129497	-2.681245	0.007334869	0.129361403
<i>EIF3H</i>	-0.225828	0.08428	-2.679484	0.007373566	0.129851236
<i>FBXO28</i>	0.410914	0.153526	2.676521	0.007439087	0.130694141
<i>ESR2</i>	-0.792838	0.296241	-2.676326	0.00744342	0.130694141
<i>HIST1H4H</i>	0.597245	0.22326	2.675113	0.00747041	0.130940296
<i>CGAS</i>	0.335266	0.125347	2.674706	0.00747947	0.130940296
<i>DHRS1</i>	-0.304448	0.113904	-2.672848	0.007521038	0.131421773
<i>MYL2</i>	2.924506	1.094339	2.672395	0.007531189	NA
<i>CNIH4</i>	0.259232	0.097029	2.67169	0.007547029	0.131421773
<i>ZNF506</i>	0.361326	0.135249	2.671557	0.007550024	0.131421773
<i>GPR132</i>	0.362305	0.135618	2.671505	0.007551196	0.131421773
<i>UBXN1</i>	-0.249598	0.093475	-2.67022	0.007580159	0.131732965
<i>CRIP1</i>	0.281271	0.105371	2.669327	0.007600331	0.131796502
<i>NUP62</i>	0.288274	0.108005	2.669078	0.00760599	0.131796502
<i>IGHA1</i>	-0.458329	0.171769	-2.668289	0.007623865	0.131913957
<i>JAML</i>	-2.462621	0.923713	-2.666002	0.007675912	0.132621468
<i>RNF181</i>	0.221979	0.083296	2.664957	0.007699824	0.132841514
<i>INKA1</i>	-0.387966	0.14566	-2.663499	0.007733256	0.13312008
<i>ANAPC10</i>	0.377426	0.141715	2.663277	0.007738368	0.13312008
<i>CCNG1</i>	-0.219009	0.082354	-2.659357	0.007828985	0.134484312
<i>CXCR5</i>	0.265282	0.099821	2.657567	0.007870699	0.134792798
<i>FLNA</i>	-0.315869	0.118858	-2.657522	0.007871735	0.134792798

<i>PURA</i>	-0.360907	0.135828	-2.657091	0.007881814	0.134792798
<i>LY86</i>	-0.452301	0.170277	-2.656266	0.007901136	0.134792798
<i>MANF</i>	0.301765	0.11361	2.656159	0.007903641	0.134792798
<i>LINC00342</i>	-0.789288	0.297328	-2.654602	0.007940197	0.13522224
<i>RPL36</i>	-0.152903	0.057624	-2.653466	0.007966989	0.1354844
<i>VIM</i>	-0.426281	0.160767	-2.651549	0.008012351	0.13606116
<i>SRSF8</i>	0.245487	0.092634	2.650081	0.008047255	0.136274599
<i>AARS</i>	0.379159	0.143076	2.650056	0.008047848	0.136274599
<i>PABPC1</i>	-0.248246	0.093765	-2.647532	0.008108178	0.137100874
<i>CUL1</i>	0.355378	0.134271	2.646729	0.008127453	0.137231583
<i>RPL13A</i>	-0.253197	0.095718	-2.645243	0.008163226	0.137474913
<i>SF3B6</i>	0.184311	0.069678	2.64517	0.008164994	0.137474913
<i>DAPK2</i>	0.715183	0.270663	2.642338	0.008233585	0.138241999
<i>DNAJA1</i>	0.263185	0.099603	2.642329	0.008233813	0.138241999
<i>ECBIT</i>	0.239639	0.090778	2.63984	0.008294516	0.139064758
<i>DAAM1</i>	-0.511532	0.193904	-2.638072	0.008337892	0.139595103
<i>POLR2C</i>	0.233272	0.088463	2.636946	0.008365617	0.139862287
<i>RPS14</i>	-0.28326	0.107487	-2.635309	0.008406064	0.14030083
<i>PRCD</i>	-0.818879	0.310789	-2.634836	0.008417794	0.14030083
<i>EAPP</i>	0.266378	0.101121	2.634239	0.008432621	0.14030083
<i>ZBTB17</i>	0.425062	0.161376	2.633979	0.008439059	0.14030083
<i>DPP8</i>	0.271766	0.103198	2.633448	0.008452289	0.140324527
<i>LGALS1</i>	-0.71027	0.269871	-2.631892	0.008491097	0.140772196
<i>RIMS3</i>	-1.462898	0.55613	-2.630498	0.008525991	0.141019768
<i>RPL39</i>	-0.240046	0.09126	-2.630348	0.008529756	0.141019768
<i>MKNK2</i>	-0.41495	0.157898	-2.627968	0.008589656	0.14174608
<i>RASGRP1</i>	-0.670919	0.25533	-2.627656	0.008597537	0.14174608
<i>YTHDF2</i>	0.284465	0.108326	2.626019	0.008638997	0.142232345
<i>SLC39A7</i>	0.368201	0.140303	2.624326	0.008682065	0.142681685
<i>DNAJC4</i>	-0.300978	0.114702	-2.624003	0.008690295	0.142681685
<i>DNAAF4</i>	-0.686537	0.261762	-2.622755	0.008722187	0.143007768
<i>MORF4L1</i>	0.14004	0.053429	2.621041	0.008766174	0.143530999
<i>MPHOSPH9</i>	0.388393	0.148304	2.618895	0.008821519	0.144110574
<i>RCBTB1</i>	-0.548472	0.209442	-2.618728	0.008825818	0.144110574
<i>ASB16.AS1</i>	-0.454821	0.17385	-2.616167	0.00889231	0.1449971
<i>LRWD1</i>	0.443358	0.169525	2.615296	0.008915004	0.145168023
<i>PCBP4</i>	-0.576958	0.220665	-2.614635	0.008932281	0.145250369
<i>MED11</i>	0.200789	0.076832	2.613363	0.008965614	0.145593249
<i>PDLIM2</i>	-0.457294	0.17508	-2.611912	0.009003741	0.146012926
<i>MAT2B</i>	0.240793	0.092229	2.610811	0.009032781	0.146284288
<i>XBP1</i>	0.388073	0.148695	2.609862	0.009057877	0.146318104
<i>GOLGB1</i>	-0.226719	0.086872	-2.609801	0.009059487	0.146318104
<i>B4GALT1</i>	-0.464908	0.178261	-2.608023	0.00910669	0.146717936
<i>PSMD4</i>	0.234063	0.089769	2.607379	0.009123818	0.146717936
<i>NDUFAB1</i>	0.179358	0.068794	2.607176	0.00912925	0.146717936
<i>PCDH9</i>	-0.681491	0.261407	-2.607012	0.009133614	0.146717936
<i>MCM3</i>	0.341512	0.131101	2.604956	0.009188595	0.147401931

<i>SLC25A13</i>	-0.481118	0.184776	-2.603782	0.009220128	0.147708443
<i>TOR3A</i>	0.234973	0.090272	2.602954	0.009242444	0.147866671
<i>PSMB3</i>	0.207689	0.079818	2.602027	0.009267455	0.148067528
<i>RDH5</i>	-0.421758	0.162189	-2.600407	0.009311316	0.148568616
<i>FAM133B</i>	0.149455	0.057605	2.594498	0.00947293	0.150944663
<i>CAPRIN2</i>	-0.491516	0.189582	-2.592633	0.009524433	0.151504696
<i>SQSTM1</i>	0.312109	0.120415	2.591946	0.009543462	0.151504696
<i>ABCG1</i>	0.747906	0.288562	2.591844	0.009546313	0.151504696
<i>RPL35</i>	-0.236621	0.091347	-2.59036	0.009587552	0.15195631
<i>AHSA2P</i>	-0.3981	0.153882	-2.587052	0.009680098	0.153218811
<i>NDUFB4</i>	0.148902	0.057589	2.585571	0.009721783	0.153559482
<i>MIR497HG</i>	1.214799	0.469874	2.58537	0.009727458	0.153559482
<i>SLC25A25.AS1</i>	0.602762	0.233248	2.584208	0.009760303	0.153873638
<i>FCHO1</i>	0.531592	0.205781	2.58329	0.009786315	0.15404053
<i>HAX1</i>	0.200348	0.077567	2.58292	0.009796807	0.15404053
<i>GPKOW</i>	0.449726	0.174307	2.580083	0.009877658	0.155106626
<i>TMX1</i>	0.25956	0.100675	2.578188	0.009932004	0.15575426
<i>TAF4B</i>	0.62023	0.240854	2.575129	0.010020266	0.156931366
<i>PPP1R11</i>	0.211273	0.082115	2.572882	0.010085562	0.157495146
<i>PSMC6</i>	0.266102	0.103454	2.572179	0.010106077	0.157495146
<i>CHMP2B</i>	0.232795	0.090517	2.571843	0.010115888	0.157495146
<i>PAXX</i>	0.463056	0.180051	2.571797	0.010117219	0.157495146
<i>SIPA1L1</i>	-0.308187	0.119842	-2.571608	0.010122734	0.157495146
<i>CEP19</i>	0.443037	0.172319	2.571032	0.010139582	0.157495146
<i>SLC39A1</i>	0.226381	0.088062	2.570711	0.01014901	0.157495146
<i>NDUFA4</i>	0.133212	0.051968	2.563367	0.010366242	0.160656479
<i>CHMP1B</i>	0.210397	0.082133	2.561671	0.010417009	0.161233047
<i>RPS21</i>	-0.226139	0.088297	-2.561101	0.010434102	0.161287614
<i>NINJ1</i>	-0.568232	0.222065	-2.558851	0.010501876	0.162124419
<i>TPRA1</i>	0.421008	0.164571	2.558218	0.010521004	0.162209051
<i>CASZ1</i>	-0.638242	0.249593	-2.557131	0.010553957	0.162218692
<i>IKZF3</i>	-0.247823	0.096924	-2.55689	0.010561272	0.162218692
<i>RAB4B</i>	-0.262665	0.10273	-2.556847	0.01056257	0.162218692
<i>ENSG00000245869</i>	0.592735	0.231961	2.555328	0.010608776	0.162718094
<i>UVSSA</i>	-0.981497	0.384245	-2.554355	0.010638459	0.162779798
<i>ARID1B</i>	-0.274844	0.1076	-2.554299	0.010640187	0.162779798
<i>GPT2</i>	0.759581	0.297652	2.551905	0.010713568	0.163691756
<i>TMEM41B</i>	0.336225	0.13187	2.549664	0.010782686	0.164536311
<i>ZNF250</i>	-0.519641	0.20391	-2.548382	0.010822394	0.164780363
<i>GAB2</i>	-0.630348	0.247378	-2.548122	0.010830469	0.164780363
<i>ENSG00000257275</i>	-0.462642	0.181584	-2.547806	0.010840266	0.164780363
<i>ENSG00000238045</i>	0.589099	0.231283	2.547093	0.010862452	0.164906726
<i>FHIT</i>	-0.64913	0.255063	-2.544982	0.010928344	0.165695445
<i>APEX1</i>	-0.244665	0.09616	-2.544343	0.01094834	0.165787162
<i>SORBS3</i>	-0.76852	0.302125	-2.543719	0.010967915	0.165872269
<i>PRDX5</i>	0.214936	0.084521	2.542981	0.010991112	0.166011884
<i>KBTD7</i>	-0.360935	0.141969	-2.54235	0.011010973	0.166100807

<i>DPY30</i>	0.193387	0.076099	2.541245	0.011045849	0.166415718
<i>EIF2S3</i>	-0.214612	0.084492	-2.540028	0.011084354	0.166580232
<i>ZNF780A</i>	0.36155	0.142355	2.539781	0.011092178	0.166580232
<i>JUND</i>	-0.295547	0.116376	-2.539572	0.011098809	0.166580232
<i>SLCO4A1</i>	-0.581439	0.22904	-2.538591	0.01112998	0.166703408
<i>BRF2</i>	0.504368	0.198693	2.538431	0.011135064	0.166703408
<i>RPS7</i>	-0.260886	0.102815	-2.537427	0.011167053	0.166972025
<i>CARS2</i>	0.370402	0.146045	2.536214	0.011205826	0.167341267
<i>DNASE2</i>	0.272774	0.107712	2.532434	0.011327368	0.168851097
<i>MRM3</i>	0.396128	0.156437	2.532187	0.011335339	0.168851097
<i>SIDT2</i>	-0.438522	0.173218	-2.53162	0.01135371	0.168913086
<i>HMGXB4</i>	0.244336	0.096547	2.530745	0.011382072	0.169123369
<i>TMX3</i>	-0.402711	0.159191	-2.529743	0.011414603	0.169394986
<i>MMD</i>	-0.509315	0.201407	-2.528785	0.011445814	0.169646366
<i>LIN7B</i>	-0.568516	0.224927	-2.527558	0.01148588	0.17002821
<i>IGKC</i>	0.34177	0.135382	2.524486	0.011586769	0.171308366
<i>LY6E</i>	-0.297529	0.118027	-2.520866	0.011706649	0.172865759
<i>MT.ATP8</i>	-0.515926	0.204851	-2.518542	0.011784167	0.17362088
<i>THEMIS2</i>	-0.791189	0.314188	-2.518204	0.011795493	0.17362088
<i>CXCR4</i>	0.20855	0.082823	2.518022	0.011801604	0.17362088
<i>TRA2A</i>	-0.210958	0.083804	-2.517283	0.01182638	0.17365076
<i>CLCN3</i>	0.361581	0.14365	2.51709	0.011832852	0.17365076
<i>SERPINB9</i>	-0.266946	0.106116	-2.515603	0.011882908	0.174170325
<i>APIP</i>	0.261792	0.10409	2.51505	0.011901554	0.174228791
<i>PHF12</i>	-0.352557	0.140243	-2.513891	0.011940739	0.174587415
<i>C15orf65</i>	-0.965435	0.384562	-2.510482	0.01205663	0.176065312
<i>GNG11</i>	-1.031079	0.410898	-2.509332	0.012095985	0.176423282
<i>MTMR10</i>	0.600918	0.239596	2.508045	0.01214012	0.176668457
<i>MTMR4</i>	-0.323624	0.129038	-2.507975	0.01214252	0.176668457
<i>ACTR10</i>	0.320043	0.127648	2.507238	0.012167887	0.176680966
<i>MAP3K2</i>	-0.261201	0.104185	-2.507086	0.012173106	0.176680966
<i>ENSG00000257194</i>	-1.931388	0.770451	-2.506829	0.01218195	NA
<i>MCTP2</i>	-0.525529	0.209667	-2.506487	0.012193738	0.176764591
<i>ALDH1B1</i>	-1.017225	0.40593	-2.505915	0.012213503	0.176835458
<i>PSMB1</i>	0.159037	0.063511	2.504093	0.012276565	0.177334245
<i>RPS5</i>	-0.272657	0.108886	-2.504058	0.012277789	0.177334245
<i>SAFB</i>	0.248087	0.099104	2.503303	0.012304013	0.177497338
<i>ENSG00000247134</i>	-1.075747	0.429988	-2.501806	0.012356145	0.178033329
<i>SEC23B</i>	0.454513	0.181756	2.500679	0.012395552	0.178384901
<i>RPS27L</i>	0.318426	0.127382	2.499776	0.012427177	0.17862376
<i>ZCCHC2</i>	-0.548618	0.219881	-2.49507	0.012593217	0.180791753
<i>RFX3</i>	-0.539938	0.216515	-2.493768	0.012639502	0.181161201
<i>PPHLN1</i>	0.176395	0.070742	2.49349	0.012649432	0.181161201
<i>SVBP</i>	-0.186794	0.074957	-2.491999	0.01270264	0.181615279
<i>LINC02422</i>	-0.508918	0.204242	-2.491746	0.012711694	0.181615279
<i>MRNIP</i>	0.2567	0.103079	2.490319	0.012762864	0.182127453
<i>LENG8</i>	-0.270098	0.108521	-2.488906	0.012813693	0.182633536

<i>CCT7</i>	0.256036	0.103001	2.485769	0.0129272	0.184030688
<i>TPT1</i>	-0.19304	0.077715	-2.483958	0.012993098	0.184747556
<i>PAFAH1B3</i>	-0.379415	0.152786	-2.483315	0.013016589	0.184860442
<i>ENO2</i>	-0.481993	0.194197	-2.481974	0.013065673	0.1853361
<i>OGFR</i>	0.224823	0.090643	2.480327	0.013126207	0.185972851
<i>LACTB2.AS1</i>	0.769314	0.310306	2.479209	0.013167416	0.186334613
<i>CNR1</i>	0.766783	0.309557	2.477036	0.013247871	0.186763507
<i>MIB2</i>	-0.294535	0.118915	-2.476845	0.013254947	0.186763507
<i>ATP5MF</i>	0.190488	0.076917	2.476531	0.013266615	0.186763507
<i>QARS</i>	-0.368184	0.148682	-2.476326	0.013274213	0.186763507
<i>SEPTIN1</i>	-0.18124	0.073201	-2.475934	0.013288832	0.186763507
<i>TENT4A</i>	-0.697663	0.281832	-2.475454	0.013306697	0.186763507
<i>FKBP1B</i>	-0.770049	0.311204	-2.474417	0.013345394	0.186763507
<i>PTRHD1</i>	-0.231526	0.093574	-2.474254	0.013351474	0.186763507
<i>TMEM230</i>	0.218436	0.088284	2.47424	0.013351999	0.186763507
<i>NBEAL1</i>	-0.442563	0.178874	-2.474164	0.01335484	0.186763507
<i>POLR3D</i>	0.367579	0.148679	2.472305	0.013424478	0.187516771
<i>TUT1</i>	0.40791	0.165048	2.471461	0.013456212	0.187739426
<i>GPR160</i>	0.558237	0.226023	2.46982	0.013518111	0.188381931
<i>SPINK2</i>	-1.932957	0.782649	-2.469763	0.013520274	NA
<i>C16orf72</i>	0.288018	0.116686	2.468328	0.013574584	0.188947406
<i>RPL27A</i>	-0.213881	0.086706	-2.466729	0.013635354	0.189571283
<i>ENSG00000273188</i>	0.790962	0.320877	2.465002	0.013701265	0.190265112
<i>WWC3</i>	-0.271033	0.110022	-2.463437	0.013761211	0.190874586
<i>COMMD7</i>	-0.33689	0.136796	-2.462713	0.013789012	0.19103728
<i>PRDX3</i>	0.224744	0.091319	2.461094	0.013851421	0.191678513
<i>LSR</i>	-0.706768	0.287365	-2.459483	0.013913745	0.192197244
<i>IL21R</i>	0.628993	0.255762	2.459289	0.013921244	0.192197244
<i>ZNF524</i>	-0.251126	0.102163	-2.458081	0.013968185	0.192537965
<i>MRPL13</i>	0.249373	0.101474	2.457501	0.013990749	0.192537965
<i>NUDT1</i>	0.213084	0.086711	2.457404	0.013994515	0.192537965
<i>TNFRSF14</i>	-0.179769	0.073176	-2.456681	0.014022698	0.19258561
<i>RNF122</i>	0.811948	0.330532	2.456485	0.014030381	0.19258561
<i>TGS1</i>	0.283984	0.115633	2.455896	0.014053389	0.192678933
<i>ICA1</i>	2.4801	1.009863	2.455878	0.014054067	NA
<i>GNG7</i>	-0.236735	0.096422	-2.455202	0.014080549	0.192828901
<i>SPATS2L</i>	-1.867155	0.760513	-2.455126	0.014083527	NA
<i>WDFY2</i>	-0.288072	0.117401	-2.453755	0.014137307	0.193383399
<i>FNBP1</i>	0.245859	0.100218	2.453232	0.014157911	0.193442633
<i>SERPINF2</i>	-1.311971	0.534937	-2.452572	0.014183903	0.19355012
<i>LINC00996</i>	1.403227	0.57223	2.452206	0.014198343	0.19355012
<i>PLIN2</i>	0.565355	0.230718	2.450412	0.014269285	0.194294378
<i>PKNOX1</i>	0.350039	0.143019	2.447496	0.014385274	0.195649602
<i>MIIP</i>	-0.237377	0.097079	-2.445194	0.014477406	0.196550619
<i>TARS</i>	0.281691	0.11521	2.445015	0.014484592	0.196550619
<i>MARCKS</i>	-0.565564	0.231631	-2.441661	0.014619886	0.198160308
<i>KLB</i>	-1.789308	0.732838	-2.441615	0.014621747	NA

<i>RPL26</i>	-0.252971	0.10369	-2.439687	0.014699985	0.199019049
<i>ECE1</i>	0.402117	0.164878	2.438881	0.014732828	0.199236774
<i>RTN3</i>	0.282992	0.116088	2.43774	0.014779419	0.19963972
<i>PPP6R1</i>	-0.297433	0.122092	-2.436144	0.014844764	0.200294784
<i>UBE2L3</i>	0.153553	0.063043	2.43567	0.014864232	0.200330071
<i>CHMP5</i>	0.202224	0.083074	2.434252	0.014922601	0.200888969
<i>GALK1</i>	-0.33158	0.136436	-2.430308	0.015086016	0.202679855
<i>FCMR</i>	0.325837	0.134077	2.430218	0.015089734	0.202679855
<i>ENSG00000255328</i>	-1.555154	0.640056	-2.429717	0.015110599	0.202725616
<i>IL7R</i>	-0.936904	0.385674	-2.429266	0.015129433	0.202725616
<i>MYO1E</i>	-0.632013	0.260204	-2.42891	0.015144304	0.202725616
<i>CCDC154</i>	0.817866	0.336951	2.427255	0.015213558	0.203423582
<i>HIST1H2BD</i>	0.49501	0.204209	2.424037	0.015349032	0.204994931
<i>OTUD1</i>	-0.572286	0.236126	-2.423646	0.015365566	0.204994931
<i>ENSG00000234915</i>	-1.871117	0.772083	-2.423465	0.015373225	NA
<i>ABHD15</i>	0.346534	0.143087	2.421845	0.015441936	0.205750019
<i>VNN2</i>	0.372078	0.153656	2.421496	0.015456782	0.205750019
<i>KMT2D</i>	-0.376037	0.155467	-2.418762	0.015573429	0.206959764
<i>LINC02397</i>	0.245584	0.101542	2.41855	0.015582484	0.206959764
<i>NRBP2</i>	-1.247203	0.515943	-2.417327	0.015634951	0.207424848
<i>PSMC5</i>	0.187526	0.077606	2.41639	0.015675263	0.207727816
<i>TTC21B</i>	-0.517184	0.214177	-2.414754	0.015745843	0.208430781
<i>RPS15A</i>	-0.243503	0.100935	-2.412474	0.015844678	0.209274333
<i>EEF2</i>	-0.333373	0.138195	-2.412342	0.015850427	0.209274333
<i>CACTIN</i>	-0.594788	0.246588	-2.412067	0.015862385	0.209274333
<i>DEGS2</i>	1.091716	0.453123	2.409315	0.015982517	0.21062547
<i>FAM219B</i>	-0.252067	0.10484	-2.404305	0.016203231	0.213297679
<i>HACL1</i>	0.32781	0.136409	2.403132	0.016255319	0.213746649
<i>ATF5</i>	0.578022	0.240689	2.401531	0.016326605	0.214446805
<i>SNHG32</i>	-0.209919	0.087432	-2.400924	0.016353727	0.214565951
<i>SBDS</i>	0.220084	0.091781	2.397932	0.016487914	0.216088014
<i>SELENON</i>	-1.081719	0.451363	-2.39656	0.016549801	0.21666023
<i>MARCHF1</i>	-0.431321	0.180051	-2.395544	0.016595716	0.216857518
<i>PSMB6</i>	0.168884	0.070503	2.39542	0.016601358	0.216857518
<i>GFI1</i>	1.734235	0.724818	2.392649	0.016727217	NA
<i>AVP11</i>	-0.977045	0.408382	-2.392476	0.016735126	0.218152014
<i>PLP2</i>	-0.326303	0.136402	-2.392218	0.016746909	0.218152014
<i>METTL9</i>	-0.174028	0.072758	-2.391874	0.01676258	0.218152014
<i>AIF1</i>	-2.185122	0.91358	-2.391824	0.016764884	NA
<i>RBM22</i>	0.255631	0.10689	2.391527	0.016778445	0.218152014
<i>NIP7</i>	0.267919	0.112043	2.391226	0.016792218	0.218152014
<i>PDHA1</i>	0.296607	0.124209	2.387969	0.016941753	0.21985439
<i>GRAPL</i>	0.835323	0.349976	2.386803	0.016995586	0.220312464
<i>SLC2A4RG</i>	-0.947281	0.397034	-2.385892	0.017037763	0.220448138
<i>MAGOHB</i>	0.269031	0.112765	2.385776	0.017043143	0.220448138
<i>TGFBR1</i>	-0.448955	0.188412	-2.382832	0.017180032	0.221475901
<i>CWF19L2</i>	0.206137	0.086512	2.38275	0.017183848	0.221475901

<i>PPDPF</i>	-0.227682	0.095569	-2.382397	0.017200326	0.221475901
<i>WNT10A</i>	-0.632878	0.265662	-2.382265	0.017206505	0.221475901
<i>AEN</i>	0.335975	0.141043	2.382067	0.017215759	0.221475901
<i>CYTIP</i>	-0.178062	0.074781	-2.3811	0.017261021	0.221818121
<i>FGF9</i>	1.252731	0.526208	2.380678	0.017280816	0.221832675
<i>PPT1</i>	0.244372	0.102737	2.378623	0.017377436	0.222773188
<i>CCDC88A</i>	-0.514317	0.216278	-2.378041	0.017404898	0.222773188
<i>IL17RA</i>	-0.410946	0.172817	-2.377926	0.017410305	0.222773188
<i>AP1S2</i>	0.207884	0.087491	2.376063	0.017498481	0.223474027
<i>ENSG00000277283</i>	-0.7807	0.328611	-2.375758	0.017512954	0.223474027
<i>RPA2</i>	0.206293	0.086839	2.375578	0.017521477	0.223474027
<i>RAP2C.AS1</i>	-1.023337	0.431233	-2.373049	0.017641921	0.224769043
<i>MID1IP1</i>	-0.218677	0.092221	-2.371221	0.017729418	0.225397929
<i>TTC7A</i>	-0.333471	0.140637	-2.371153	0.017732696	0.225397929
<i>RPL4</i>	-0.221468	0.093413	-2.370831	0.017748167	0.225397929
<i>ENSG00000274712</i>	-0.652868	0.275657	-2.368406	0.017864903	0.226420207
<i>SMAP2</i>	-0.318827	0.134619	-2.368368	0.017866758	0.226420207
<i>TOX4</i>	0.211169	0.08923	2.36656	0.017954285	0.227062298
<i>PRRC2B</i>	-0.253429	0.107089	-2.366532	0.017955629	0.227062298
<i>ENSG00000259274</i>	-1.272175	0.53772	-2.365869	0.0179878	0.227227399
<i>TOMM20</i>	-0.1915	0.080965	-2.365228	0.018018972	0.227379532
<i>DNAH1</i>	0.915823	0.387316	2.364537	0.018052612	0.227525172
<i>LRRC14</i>	-0.547581	0.231613	-2.364205	0.018068795	0.227525172
<i>ELOF1</i>	0.2498	0.105693	2.363452	0.018105571	0.227747002
<i>FIP1L1</i>	0.256143	0.10848	2.361192	0.018216313	0.228662012
<i>ENSG00000258572</i>	-1.006725	0.426365	-2.361182	0.018216785	0.228662012
<i>KCNC4</i>	-0.605366	0.256601	-2.359169	0.018315888	0.22966346
<i>CLDN12</i>	-0.724859	0.307451	-2.357638	0.018391606	0.23036988
<i>SCAMP2</i>	0.221941	0.094181	2.356537	0.018446229	0.230699106
<i>CEP70</i>	0.904942	0.384048	2.356326	0.018456705	0.230699106
<i>LINC01089</i>	-0.259801	0.110285	-2.355711	0.018487288	0.230838646
<i>WDR74</i>	0.251037	0.106633	2.354214	0.018561915	0.231259629
<i>ENSG00000261884</i>	0.346708	0.147279	2.354088	0.018568214	0.231259629
<i>CEP78</i>	-0.367962	0.156365	-2.353226	0.018611329	0.231259629
<i>EIF5B</i>	0.153016	0.065024	2.35322	0.018611639	0.231259629
<i>PFKL</i>	-0.23344	0.099206	-2.353087	0.018618278	0.231259629
<i>BICD1</i>	-0.340544	0.144779	-2.352157	0.018664889	0.231535901
<i>LAMTOR5</i>	-0.153106	0.0651	-2.351867	0.018679476	0.231535901
<i>HHEX</i>	-0.200039	0.08508	-2.351185	0.018713704	0.231718536
<i>ARHGAP15</i>	0.190404	0.081066	2.348756	0.018836244	0.232993162
<i>RNPS1</i>	0.146399	0.062387	2.346624	0.018944368	0.234087005
<i>SINHCAF</i>	0.191663	0.081736	2.344916	0.019031375	0.234917923
<i>HACD4</i>	-0.540741	0.230698	-2.343934	0.01908155	0.235202961
<i>KIFC2</i>	-0.723404	0.308683	-2.343516	0.01910296	0.235202961
<i>RPL35A</i>	-0.247177	0.105482	-2.343304	0.019113827	0.235202961
<i>ABTB1</i>	0.190569	0.081358	2.342357	0.019162389	0.235335762
<i>DNASE1L3</i>	-1.145063	0.488858	-2.342321	0.019164214	0.235335762

<i>TFEB</i>	0.473086	0.202024	2.341735	0.019194343	0.235454541
<i>PPP2R5C</i>	0.173217	0.073981	2.341362	0.019213503	0.235454541
<i>RGS2</i>	-0.88454	0.378022	-2.339918	0.019287955	0.236123503
<i>LINC00672</i>	-0.677297	0.289554	-2.339101	0.019330195	0.236397148
<i>EIF2AK3</i>	-0.373163	0.159615	-2.337892	0.019392826	0.236784405
<i>METTL21A</i>	-0.237608	0.101648	-2.337566	0.01940979	0.236784405
<i>CYTOR</i>	-0.841631	0.360123	-2.337069	0.019435611	0.236784405
<i>SLC23A2</i>	0.390221	0.166989	2.336803	0.019449444	0.236784405
<i>PFDN2</i>	0.162779	0.069677	2.336199	0.019480872	0.236784405
<i>RPS6KA1</i>	0.279148	0.119489	2.336189	0.019481379	0.236784405
<i>SLC6A16</i>	-0.472243	0.202214	-2.335358	0.019524752	0.237069186
<i>C1orf43</i>	0.174801	0.074866	2.334856	0.019550934	0.237109968
<i>SMOX</i>	1.054663	0.451767	2.33453	0.019568005	0.237109968
<i>LCMT1</i>	-0.259724	0.111316	-2.333204	0.019637467	0.237535214
<i>FAM177B</i>	-0.517393	0.22178	-2.33291	0.019652895	0.237535214
<i>TMEM154</i>	0.311973	0.133738	2.332716	0.019663048	0.237535214
<i>ATP23</i>	-0.456181	0.195685	-2.331199	0.019742891	0.238257608
<i>SESTD1</i>	-0.313004	0.134322	-2.330251	0.01979288	0.238618625
<i>FAM111A</i>	-0.291789	0.125291	-2.328899	0.019864427	0.239173531
<i>EIF3K</i>	-0.229759	0.098667	-2.328621	0.019879149	0.239173531
<i>ENSG00000233461</i>	0.493031	0.211926	2.326434	0.019995435	0.240237034
<i>EEF1B2</i>	-0.335836	0.144383	-2.326008	0.020018134	0.240237034
<i>PSMA5</i>	0.173857	0.074753	2.325748	0.020031999	0.240237034
<i>HSPA5</i>	0.324701	0.13963	2.325441	0.020048384	0.240237034
<i>RPL37</i>	-0.183246	0.078826	-2.324688	0.02008864	0.240477007
<i>IFNAR1</i>	0.213178	0.091736	2.323813	0.02013553	0.240795825
<i>GFM1</i>	0.330769	0.142389	2.323004	0.020178926	0.241072252
<i>ZNF169</i>	-0.36109	0.155537	-2.321571	0.020256062	0.241467499
<i>EPM2AIP1</i>	-0.17611	0.075858	-2.321562	0.020256547	0.241467499
<i>DDAH2</i>	-0.277642	0.119608	-2.321257	0.020272951	0.241467499
<i>IARS</i>	0.270708	0.116658	2.320526	0.020312444	0.241695722
<i>HSD17B8</i>	-0.627331	0.270445	-2.319624	0.020361203	0.242033624
<i>CDV3</i>	-0.287191	0.123832	-2.319194	0.020384506	0.242068555
<i>KHDRBS2</i>	-0.639885	0.275996	-2.31846	0.020424329	0.242299402
<i>ENSG00000225889</i>	-0.798578	0.344679	-2.316873	0.020510624	0.243080551
<i>LIMS2</i>	-1.466188	0.632887	-2.316667	0.020521879	NA
<i>HIST1H2BC</i>	0.59423	0.256567	2.316084	0.020553687	0.243326062
<i>LINC02035</i>	-0.998813	0.431314	-2.315743	0.02057228	0.243326062
<i>ERGIC1</i>	-0.242214	0.104731	-2.312733	0.020737349	0.245034663
<i>FSIP2</i>	0.671352	0.29038	2.311981	0.020778721	0.245279694
<i>SYK</i>	-0.223658	0.096757	-2.311532	0.020803463	0.245328136
<i>PAFAH1B2</i>	-0.171707	0.074351	-2.309403	0.020921249	0.246472627
<i>LCK</i>	0.507652	0.219922	2.308329	0.020980855	0.246798296
<i>BCL9</i>	-1.212189	0.525176	-2.308157	0.020990416	0.246798296
<i>MOB4</i>	0.229295	0.09939	2.307022	0.021053583	0.247296384
<i>RTKN</i>	-0.777793	0.337265	-2.30618	0.021100558	0.247410377
<i>SLC9A3R1</i>	0.338124	0.146621	2.306102	0.021104915	0.247410377



<i>KARS</i>	0.202393	0.087782	2.305625	0.021131568	0.247478768
<i>EEF1A1</i>	-0.331651	0.143943	-2.304043	0.021220211	0.247501918
<i>PPP1R8</i>	0.268472	0.116534	2.30381	0.021233296	0.247501918
<i>HIST1H1D</i>	-0.354896	0.154055	-2.303692	0.021239948	0.247501918
<i>ATP1B3</i>	0.288205	0.125116	2.303502	0.021250607	0.247501918
<i>ETFA</i>	0.195814	0.085009	2.303447	0.02125368	0.247501918
<i>ZEB1</i>	-0.317379	0.137809	-2.303029	0.021277212	0.247501918
<i>PLEKHJ1</i>	-0.213917	0.092898	-2.302699	0.021295764	0.247501918
<i>NACA</i>	-0.1797	0.078045	-2.302536	0.021304946	0.247501918
<i>TIMMDC1</i>	0.262431	0.114006	2.301901	0.021340771	0.247501918
<i>ENSG00000273002</i>	0.638803	0.277513	2.301883	0.021341757	0.247501918
<i>UEVLD</i>	-0.537364	0.233538	-2.300969	0.021393391	0.247858903
<i>DHRS12</i>	-0.3379	0.146966	-2.299177	0.021494879	0.248792238
<i>SRP72</i>	0.200252	0.08717	2.297265	0.021603676	0.249222744
<i>SHMT2</i>	-0.208475	0.090754	-2.29715	0.021610209	0.249222744
<i>NDUF4F4</i>	0.251626	0.109556	2.296775	0.021631632	0.249222744
<i>HMOX1</i>	0.797512	0.34727	2.296521	0.021646117	0.249222744
<i>C11orf80</i>	-0.378831	0.164985	-2.296148	0.021667418	0.249222744
<i>ATP5MG</i>	-0.132663	0.057778	-2.296091	0.02167068	0.249222744
<i>ATP5PF</i>	0.139408	0.060727	2.295665	0.021695039	0.249222744
<i>SH3BP5</i>	-0.342827	0.149342	-2.295582	0.021699801	0.249222744
<i>ATP6AP2</i>	0.265611	0.115764	2.294412	0.021766857	0.249751568
<i>LY75</i>	-0.470279	0.205022	-2.293799	0.021802022	0.249913824
<i>RNPC3</i>	-0.337367	0.147116	-2.293214	0.021835714	0.250058893
<i>GPR65</i>	-0.261475	0.114082	-2.291991	0.021906166	0.250624245
<i>C22orf15</i>	1.348436	0.588399	2.291704	0.021922704	NA
<i>PITPNM1</i>	-0.455087	0.19874	-2.289858	0.022029526	0.251793251
<i>KANK2</i>	-1.189264	0.51959	-2.288852	0.022087959	0.252042725
<i>ENSG00000251136</i>	0.456376	0.199436	2.288334	0.022118106	0.252042725
<i>ATXN1L</i>	0.317574	0.138779	2.288334	0.022118074	0.252042725
<i>RPL8</i>	-0.250023	0.109287	-2.287758	0.022151637	0.252042725
<i>MYL5</i>	-0.459129	0.200706	-2.287576	0.02216222	0.252042725
<i>NOP10</i>	0.15878	0.069418	2.287296	0.022178572	0.252042725
<i>HIST1H4C</i>	-0.297505	0.130098	-2.286774	0.022209046	0.252147971
<i>CINP</i>	0.258065	0.112973	2.284312	0.022353225	0.253492713
<i>SLC4A1AP</i>	0.315968	0.138368	2.28353	0.022399143	0.253492713
<i>RPS15</i>	-0.182294	0.079838	-2.283307	0.022412309	0.253492713
<i>DDX18</i>	0.151706	0.066443	2.283259	0.022415094	0.253492713
<i>GADD45A</i>	0.460148	0.20156	2.282936	0.022434116	0.253492713
<i>SMYD4</i>	-0.319452	0.140027	-2.28135	0.02252774	0.254308872
<i>S100A4</i>	-0.488687	0.214316	-2.280216	0.02259491	0.254825134
<i>LINC02362</i>	-1.581621	0.693868	-2.279426	0.022641739	NA
<i>PTPMT1</i>	-0.222825	0.097829	-2.277693	0.022744852	0.256104495
<i>RPL7A</i>	-0.250804	0.110119	-2.277583	0.022751438	0.256104495
<i>TINCR</i>	1.274262	0.559699	2.276693	0.022804547	NA
<i>EIF1</i>	0.14463	0.06353	2.276569	0.022811973	0.256542969
<i>COX7B</i>	0.149991	0.065904	2.275887	0.022852802	0.256759221

<i>C4orf3</i>	0.178263	0.078348	2.275272	0.022889614	0.256929975
<i>PCSK7</i>	-0.222168	0.097661	-2.27488	0.02291312	0.25695119
<i>ARL6IP4</i>	-0.152881	0.067271	-2.272621	0.023049032	0.258231707
<i>DIS3L2</i>	-0.31694	0.13954	-2.27132	0.023127624	0.258647294
<i>MCPH1</i>	0.252793	0.1113	2.271286	0.023129644	0.258647294
<i>COA4</i>	0.207274	0.091285	2.270619	0.02317007	0.258855842
<i>LPP.AS2</i>	-0.852202	0.375675	-2.268452	0.023301661	0.259905069
<i>RPS27</i>	-0.184624	0.081391	-2.268353	0.023307715	0.259905069
<i>TLR7</i>	-0.599306	0.264246	-2.26799	0.023329795	0.25990747
<i>ICAM3</i>	-0.242982	0.107173	-2.2672	0.023377996	0.260200599
<i>ENSG00000260257</i>	-0.404185	0.17838	-2.26587	0.023459332	0.260861629
<i>KAT6A</i>	0.206541	0.091168	2.265488	0.02348275	0.260877987
<i>PSMC3</i>	0.200548	0.088552	2.264738	0.02352875	0.261144955
<i>GHITM</i>	0.198451	0.087643	2.264318	0.023554552	0.261187461
<i>NT5C2</i>	0.300373	0.132709	2.263394	0.023611436	0.261574223
<i>LZTS3</i>	-1.161672	0.513433	-2.26256	0.023662848	0.261814993
<i>MLXIP</i>	0.282571	0.124903	2.262327	0.02367722	0.261814993
<i>TPI1</i>	0.133827	0.059168	2.261805	0.023709475	0.261928003
<i>SPPL2B</i>	-0.250488	0.110809	-2.260537	0.023787966	0.262551114
<i>TRIOBP</i>	-0.361662	0.160112	-2.25881	0.023895226	0.263490303
<i>UBTD2</i>	-0.690358	0.305768	-2.257787	0.02395894	0.263948026
<i>MBD6</i>	0.407128	0.180429	2.256452	0.02404232	0.264621349
<i>HNRNPF</i>	0.228983	0.101505	2.255877	0.024078362	0.264772882
<i>TCF3</i>	-0.321965	0.142839	-2.254048	0.02419316	0.265789365
<i>JUN</i>	0.277184	0.12304	2.252788	0.024272531	0.26641512
<i>BOLA2.SMG1P6</i>	0.424942	0.1887	2.251943	0.024325885	0.26675442
<i>SLC25A3</i>	-0.220642	0.098034	-2.250664	0.024406822	0.267395294
<i>LINC01003</i>	-0.722452	0.321431	-2.247607	0.02460127	0.269108307
<i>VANGL2</i>	-1.413905	0.629125	-2.247416	0.024613471	0.269108307
<i>ENSG00000265206</i>	-0.214659	0.095534	-2.246925	0.024644816	0.269108307
<i>PSMA3</i>	0.20632	0.091829	2.246786	0.024653735	0.269108307
<i>ARHGAP5</i>	-0.253563	0.112894	-2.246032	0.024701938	0.269387096
<i>LINC01184</i>	-0.360545	0.160581	-2.24525	0.024752059	0.269686271
<i>TKT</i>	-0.304539	0.13569	-2.244371	0.024808569	0.270054447
<i>NPM3</i>	-0.412401	0.183857	-2.243051	0.024893556	0.270460488
<i>RPF1</i>	0.223169	0.099515	2.242562	0.024925099	0.270460488
<i>ZCCHC17</i>	0.204127	0.091028	2.242479	0.024930436	0.270460488
<i>STARD9</i>	-0.481844	0.2149	-2.242171	0.024950352	0.270460488
<i>TPD52L2</i>	0.231255	0.103145	2.242027	0.024959633	0.270460488
<i>SLX4</i>	-0.747464	0.334027	-2.237734	0.025238435	0.273232497
<i>LRP10</i>	0.184993	0.082684	2.237344	0.025263873	0.273259013
<i>ENSG00000254281</i>	-1.178622	0.526894	-2.236924	0.025291307	0.273307062
<i>DDX17</i>	-0.161857	0.07242	-2.234963	0.025419759	0.274348948
<i>HS2ST1</i>	-0.481022	0.215253	-2.234679	0.025438454	0.274348948
<i>TMED9</i>	0.197633	0.088462	2.23411	0.025475805	0.274348948
<i>CNTRL</i>	-0.169519	0.075906	-2.233266	0.025531426	0.274348948
<i>TSPYL2</i>	0.373364	0.16719	2.233172	0.025537578	0.274348948

<i>PSMA6</i>	0.291871	0.130705	2.233044	0.025546043	0.274348948
<i>TMEM219</i>	-0.171505	0.076817	-2.232633	0.025573162	0.274348948
<i>LPXN</i>	0.374483	0.167778	2.232006	0.025614572	0.274348948
<i>RPL15</i>	-0.184318	0.082587	-2.231816	0.025627113	0.274348948
<i>SLC38A1</i>	-0.199369	0.089334	-2.231728	0.02563296	0.274348948
<i>AHCY</i>	-0.363336	0.162814	-2.231597	0.025641598	0.274348948
<i>UCK2</i>	0.583459	0.26152	2.231028	0.025679295	0.274505193
<i>LINC00924</i>	-1.846145	0.827579	-2.230779	0.025695789	NA
<i>FAM76A</i>	-0.238027	0.10681	-2.228514	0.025846274	0.276041924
<i>PLEKHB2</i>	0.257552	0.115634	2.227302	0.0259271	0.276585262
<i>STRADB</i>	-0.358282	0.160877	-2.227054	0.025943684	0.276585262
<i>TTC33</i>	0.363744	0.163369	2.226517	0.02597958	0.276719776
<i>CDC123</i>	0.220312	0.098988	2.225635	0.02603861	0.277040716
<i>AGBL5</i>	-0.590292	0.265255	-2.225371	0.026056324	0.277040716
<i>PRPSAP2</i>	0.296274	0.133159	2.224953	0.026084406	0.277065055
<i>ENSG00000227373</i>	1.361434	0.611979	2.224643	0.026105229	0.277065055
<i>RBM7</i>	0.235222	0.105774	2.223825	0.026160217	0.277400977
<i>TOMM5</i>	0.189793	0.085381	2.222879	0.026223972	0.277486127
<i>UBE2O</i>	0.315573	0.141976	2.222719	0.026234761	0.277486127
<i>MAP4K4</i>	-0.235724	0.106077	-2.222198	0.026269924	0.277486127
<i>KIAA1109</i>	-0.303818	0.136773	-2.221337	0.026328164	0.277486127
<i>PIP4K2A</i>	-0.401734	0.180855	-2.221306	0.026330229	0.277486127
<i>CLIC4</i>	-0.254941	0.114784	-2.221047	0.026347783	0.277486127
<i>MRPS18A</i>	0.214946	0.096787	2.220805	0.026364146	0.277486127
<i>BOD1L1</i>	0.180001	0.081053	2.22077	0.026366576	0.277486127
<i>CALM3</i>	-0.220639	0.09936	-2.220596	0.02637834	0.277486127
<i>TIGIT</i>	-1.919363	0.864645	-2.219828	0.026430422	NA
<i>ZFP14</i>	-0.225698	0.101742	-2.21834	0.026531691	0.278852531
<i>MGMT</i>	-0.270996	0.122281	-2.216167	0.02668004	0.27987236
<i>KANSL1L</i>	-0.552306	0.249219	-2.216146	0.026681522	0.27987236
<i>FAM30A</i>	-0.202499	0.091395	-2.215657	0.026714986	0.27987236
<i>FAM209B</i>	-1.754859	0.792243	-2.215051	0.026756543	NA
<i>SGO1</i>	0.333485	0.150571	2.214804	0.026773551	0.27987236
<i>DTX2</i>	0.392021	0.17701	2.214683	0.026781808	0.27987236
<i>RPL18</i>	-0.198471	0.089625	-2.214465	0.026796775	0.27987236
<i>RPL5</i>	-0.24085	0.108772	-2.214267	0.0268104	0.27987236
<i>FAR1</i>	-0.410079	0.185207	-2.21417	0.026817079	0.27987236
<i>LENG1</i>	0.242459	0.109617	2.211863	0.02697615	0.281107896
<i>TOR1AIP1</i>	0.284498	0.128656	2.211302	0.027014929	0.281107896
<i>PRMT1</i>	0.187039	0.084589	2.211163	0.027024532	0.281107896
<i>METTL1</i>	0.653393	0.295508	2.211083	0.02703006	0.281107896
<i>SERP1</i>	-0.146606	0.066338	-2.20997	0.02710723	0.281239742
<i>ZC3H14</i>	-0.263676	0.119315	-2.20991	0.027111426	0.281239742
<i>TFIP11</i>	0.331356	0.149943	2.209877	0.027113716	0.281239742
<i>AK2</i>	0.222251	0.100681	2.207481	0.027280439	0.282722384
<i>HOMER2</i>	-0.691802	0.313522	-2.206549	0.027345599	0.282906524
<i>RPS8</i>	-0.28199	0.127797	-2.206546	0.027345806	0.282906524

ACYP1	0.229107	0.10387	2.205715	0.027403963	0.283261659
IL6ST	-0.449563	0.203862	-2.205232	0.027437805	0.283365063
TMSB4Y	-1.622997	0.736086	-2.204903	0.027460915	NA
CORO2B	-1.653715	0.750177	-2.204434	0.027493863	0.283681546
ZBTB18	-0.312808	0.14192	-2.204116	0.027516179	0.283681546
IFI27L1	0.403311	0.183052	2.203256	0.027576733	0.283943174
RBM42	0.300124	0.136232	2.203036	0.02759223	0.283943174
CCR9	1.846828	0.838381	2.20285	0.027605316	NA
SPIB	0.160954	0.07307	2.202738	0.027613217	0.283943174
INPP5B	0.321446	0.146032	2.201195	0.027722254	0.284818009
MPZL3	-1.052623	0.478642	-2.199184	0.027864808	0.286035386
LINC00630	-1.70836	0.777645	-2.196839	0.02803193	NA
AIMP1	0.164146	0.074754	2.195815	0.028105171	0.288247034
ENSG00000260030	2.714015	1.236601	2.194739	0.02818234	NA
NUCKS1	-0.18145	0.082695	-2.194214	0.028220054	0.288247034
PTPN18	-0.380619	0.173466	-2.194197	0.028221257	0.288247034
OPA3	0.290335	0.132345	2.193768	0.028252087	0.288247034
BCAS2	0.231604	0.10558	2.19364	0.028261268	0.288247034
RUNX3	0.212531	0.096887	2.193592	0.028264743	0.288247034
ENSG00000231856	-0.65629	0.299196	-2.193514	0.028270379	0.288247034
INPP5E	-0.562215	0.256314	-2.19346	0.028274253	0.288247034
CASP4	-0.150796	0.068763	-2.192976	0.028309104	0.288355025
RUNX1	0.291417	0.132979	2.191447	0.028419468	0.289231347
SEC61A2	-0.440864	0.201209	-2.191079	0.028446043	0.289254159
HDAC1	0.21931	0.100123	2.1904	0.028495244	0.289506806
SLC7A5	-1.187776	0.542477	-2.189542	0.028557498	0.289891523
RAB11A	0.155457	0.071043	2.188217	0.028653834	0.290621265
TPRKB	0.153221	0.07004	2.187627	0.028696794	0.290691999
FAM49B	0.170715	0.078043	2.18745	0.028709717	0.290691999
RPL7	-0.280586	0.128322	-2.186578	0.028773352	0.29108837
UBE2G1	0.240739	0.110144	2.185682	0.028838865	0.291318186
ENSG00000133961	0.211768	0.096893	2.185597	0.028845083	0.291318186
GTPBP1	0.27914	0.127824	2.183785	0.02897805	0.292412633
KPNA2	-0.325365	0.149074	-2.182574	0.029067232	0.29306377
MPP1	-0.601845	0.275854	-2.181754	0.029127658	0.293186466
ABLIM2	-0.496415	0.227532	-2.18174	0.02912873	0.293186466
ANKLE1	0.609294	0.27936	2.181036	0.029180756	0.29328622
SLC2A1	0.258138	0.118361	2.180938	0.029187987	0.29328622
AFF2	-1.551188	0.711357	-2.180604	0.02921269	NA
CLASP1	-0.42242	0.193737	-2.180376	0.02922962	0.293456493
GRK3	0.256981	0.11788	2.180033	0.029255032	0.293463772
TSPAN33	0.294479	0.135123	2.179341	0.02930632	0.293730378
TMEM8A	-0.458771	0.210563	-2.17878	0.029347984	0.293900158
QSOX2	-0.478023	0.219931	-2.173513	0.029741758	0.297592826
ENSG00000261732	0.374614	0.172392	2.173043	0.029777078	0.297695646
SELENOT	0.16132	0.074327	2.17042	0.029975019	0.299422729
ENSG00000267416	-1.689397	0.778397	-2.170355	0.029979991	NA

<i>ATP5F1B</i>	0.198203	0.091382	2.168944	0.03008695	0.300288476
<i>FIBP</i>	-0.204635	0.094364	-2.168579	0.030114672	0.300313004
<i>NUDT14</i>	-0.455513	0.210135	-2.167714	0.030180429	0.300512029
<i>ZNF93</i>	-0.415104	0.191499	-2.167652	0.030185191	0.300512029
<i>SEPTIN6</i>	-0.160795	0.074191	-2.167315	0.030210866	0.300515958
<i>ENSG00000230155</i>	0.400134	0.184752	2.165788	0.030327379	0.301422708
<i>ENSG00000261684</i>	-1.670038	0.771214	-2.165467	0.030351928	NA
<i>TWF2</i>	0.189627	0.08759	2.16495	0.030391529	0.301807939
<i>AGAP4</i>	-0.627402	0.289865	-2.164466	0.030428591	0.301923761
<i>ALG2</i>	-0.345791	0.159798	-2.163929	0.030469797	0.302080467
<i>RPL7L1</i>	0.159567	0.073757	2.163408	0.030509793	0.302224925
<i>SEC22C</i>	-0.23394	0.108194	-2.162221	0.030601139	0.302672153
<i>ZFC3H1</i>	-0.245091	0.113355	-2.16216	0.030605866	0.302672153
<i>HLCS</i>	-0.883918	0.409011	-2.161112	0.030686657	0.303058577
<i>HLA.DPA1</i>	-0.292825	0.135505	-2.160992	0.030695931	0.303058577
<i>DOP1B</i>	-0.380207	0.176099	-2.159055	0.030845884	0.304063381
<i>CD59</i>	0.252338	0.116876	2.159017	0.030848863	0.304063381
<i>CYLD</i>	-0.207409	0.096094	-2.158398	0.030896917	0.304284713
<i>MRPS28</i>	0.260188	0.120614	2.157191	0.030990787	0.304943418
<i>C5orf56</i>	0.343315	0.159195	2.156568	0.031039353	0.304943418
<i>ARMC7</i>	0.426967	0.197986	2.15655	0.031040762	0.304943418
<i>FAM13A</i>	0.576891	0.267607	2.155742	0.031103844	0.305003406
<i>C3orf33</i>	-0.948159	0.439833	-2.155725	0.031105125	0.305003406
<i>PSD4</i>	-0.357542	0.165876	-2.155486	0.031123844	0.305003406
<i>MAN2A1</i>	-0.338244	0.157036	-2.153933	0.031245422	0.305397625
<i>ENSG00000229728</i>	1.089926	0.506147	2.153381	0.031288782	0.305397625
<i>BIRC6</i>	-0.189383	0.08795	-2.153312	0.031294171	0.305397625
<i>ZNRD2</i>	0.219641	0.102013	2.15307	0.031313154	0.305397625
<i>SCOC.AS1</i>	0.502352	0.233321	2.153055	0.031314317	0.305397625
<i>TBL1XR1</i>	-0.22139	0.102828	-2.153006	0.031318222	0.305397625
<i>MTG1</i>	0.291312	0.135394	2.151592	0.031429491	0.306231445
<i>FAM172A</i>	-0.274565	0.127679	-2.150435	0.031520802	0.306869597
<i>RPL28</i>	-0.263577	0.122608	-2.149748	0.031575181	0.30701592
<i>SEC62</i>	-0.15366	0.071483	-2.149592	0.031587488	0.30701592
<i>DNAJC10</i>	-0.195491	0.090985	-2.148603	0.03166587	0.307526307
<i>NFYC</i>	0.251775	0.117218	2.147923	0.031719909	0.307799638
<i>NDUFS4</i>	-0.311012	0.14483	-2.147425	0.031759478	0.307932234
<i>ENSG00000253891</i>	0.902322	0.420332	2.146692	0.031817797	0.308246257
<i>ARID4B</i>	0.164176	0.076495	2.146231	0.031854543	0.308350943
<i>INSL3</i>	1.015962	0.473508	2.145608	0.031904292	0.308581223
<i>SLC27A5</i>	-0.468355	0.218338	-2.145088	0.03194581	0.308731577
<i>CDK7</i>	0.370387	0.172697	2.144722	0.031975073	0.308763356
<i>POLR3GL</i>	-0.16475	0.076856	-2.143619	0.032063423	0.309261925
<i>DIMT1</i>	0.294396	0.137361	2.14322	0.032095422	0.309261925
<i>R3HCC1L</i>	0.404618	0.1888	2.143104	0.032104754	0.309261925
<i>PIKFYVE</i>	0.282316	0.131813	2.141794	0.032210074	0.309826581
<i>SLC26A1</i>	1.239409	0.578777	2.141428	0.0322395	0.309826581

<i>GNPDA2</i>	0.269302	0.12576	2.141403	0.032241565	0.309826581
<i>RXRB</i>	0.264809	0.1238	2.139011	0.032434811	0.311311519
<i>SUCLG1</i>	0.235742	0.11022	2.138842	0.032448471	0.311311519
<i>PEG10</i>	-1.067023	0.49906	-2.138066	0.032511424	0.311663951
<i>NOP53</i>	-0.193527	0.090594	-2.136209	0.032662376	0.312757336
<i>CNEP1R1</i>	-0.37629	0.176172	-2.13592	0.032685943	0.312757336
<i>TMEM50A</i>	0.185324	0.086775	2.135679	0.032705564	0.312757336
<i>ENSG00000280206</i>	0.46866	0.219484	2.135281	0.032738098	0.312757336
<i>CSK</i>	0.205589	0.096292	2.135049	0.032757036	0.312757336
<i>TCTA</i>	0.329409	0.1544	2.133487	0.032884825	0.313725452
<i>U2AF1L4</i>	-0.223919	0.104978	-2.133016	0.032923414	0.313841716
<i>PQLC3</i>	-0.298234	0.139963	-2.130796	0.033105957	0.315288519
<i>SCAF11</i>	-0.121643	0.057096	-2.130526	0.033128238	0.315288519
<i>ZNF432</i>	-0.566098	0.265787	-2.129892	0.033180528	0.315533545
<i>LMO2</i>	-1.841243	0.864648	-2.12947	0.033215399	NA
<i>H6PD</i>	-0.393771	0.184967	-2.128875	0.033264582	0.316064021
<i>ANK1</i>	-0.919506	0.431982	-2.128574	0.033289489	0.316064021
<i>SH2B3</i>	0.421989	0.198303	2.127994	0.033337562	0.316267835
<i>SDR42E1</i>	-0.955591	0.449375	-2.126487	0.033462759	0.317173015
<i>UBE2V2</i>	0.15699	0.073836	2.126203	0.033486341	0.317173015
<i>USP4</i>	0.251674	0.118451	2.124706	0.033611135	0.318011383
<i>WDR81</i>	-0.423523	0.199352	-2.1245	0.033628359	0.318011383
<i>NT5DC1</i>	-0.284363	0.133948	-2.122946	0.033758366	0.318888407
<i>ITPA</i>	0.238906	0.112575	2.122188	0.03382197	0.318888407
<i>UBL7.AS1</i>	-0.347004	0.163516	-2.122137	0.033826264	0.318888407
<i>NOTCH2</i>	0.263917	0.124369	2.122057	0.033832927	0.318888407
<i>PPARA</i>	-0.345469	0.162819	-2.121792	0.033855234	0.318888407
<i>LAMA5</i>	-0.767504	0.361894	-2.120799	0.033938712	0.319421587
<i>DCAF5</i>	-0.279734	0.131978	-2.119541	0.03404475	0.32016609
<i>STK4</i>	-0.141427	0.066783	-2.117697	0.034200716	0.321260197
<i>BHLHE40.AS1</i>	1.117988	0.527968	2.117527	0.034215143	0.321260197
<i>SAR1B</i>	0.235107	0.111054	2.11705	0.034255585	0.321386065
<i>CCDC59</i>	0.15085	0.071274	2.116482	0.034303831	0.32158489
<i>CCDC141</i>	-0.733807	0.346769	-2.116124	0.034334261	0.321616517
<i>KLC2</i>	-0.415114	0.196292	-2.114779	0.034448802	0.322369133
<i>PHB2</i>	-0.219721	0.103909	-2.114544	0.034468846	0.322369133
<i>JARID2</i>	-0.260249	0.123166	-2.112992	0.034601419	0.323354617
<i>WDR54</i>	-0.219666	0.104018	-2.111805	0.034703193	0.324050948
<i>ZNF616</i>	0.465721	0.220643	2.110743	0.034794416	0.324647744
<i>TLE1</i>	0.644997	0.305782	2.109338	0.034915387	0.325297269
<i>ENSG00000180448</i>	0.256264	0.121501	2.109152	0.034931503	0.325297269
<i>MICAL3</i>	-0.222643	0.105573	-2.108895	0.034953687	0.325297269
<i>LTV1</i>	0.279383	0.132507	2.108437	0.034993234	0.325297269
<i>PDHB</i>	0.187156	0.088773	2.10826	0.035008481	0.325297269
<i>ERCC5</i>	0.309739	0.146933	2.108032	0.035028225	0.325297269
<i>SHISA5</i>	0.201499	0.095674	2.106097	0.035195913	0.326570234
<i>PSENFEN</i>	0.196835	0.093472	2.105817	0.035220244	0.326570234

<i>CDKN2D</i>	0.242431	0.115188	2.10465	0.035321774	0.327256373
<i>HIST1H4E</i>	0.630377	0.299649	2.103716	0.035403251	0.327755799
<i>AP1S3</i>	-0.470892	0.223874	-2.10338	0.03543259	0.327772135
<i>PRKRA.AS1</i>	-0.466277	0.221763	-2.102593	0.03550138	0.32815311
<i>MAGED1</i>	-0.590218	0.280874	-2.101366	0.035608872	0.328709533
<i>ZMYND11</i>	-0.460651	0.21928	-2.100743	0.035663544	0.328709533
<i>HSP90B1</i>	0.194311	0.092499	2.100689	0.035668236	0.328709533
<i>PARP10</i>	0.281275	0.133899	2.100644	0.035672188	0.328709533
<i>ZNF736</i>	-0.409225	0.194866	-2.100038	0.035725466	0.328945478
<i>EIF4EBP3</i>	0.610618	0.290842	2.099482	0.035774412	0.329044957
<i>UTRN</i>	-0.328975	0.156737	-2.098902	0.03582551	0.329044957
<i>MYO5A</i>	-0.376894	0.179586	-2.098685	0.035844691	0.329044957
<i>LINC00426</i>	-0.591129	0.28167	-2.098659	0.035846994	0.329044957
<i>ENSG00000272211</i>	-0.608261	0.289981	-2.097592	0.035941213	0.329628698
<i>SLC9A7</i>	0.272433	0.129896	2.097311	0.035966049	0.329628698
<i>RIPK2</i>	0.258272	0.123187	2.096575	0.036031181	0.329971228
<i>SF3B5</i>	0.160961	0.076817	2.09539	0.036136316	0.33047394
<i>DARS</i>	0.156958	0.074908	2.09533	0.036141678	0.33047394
<i>ERGIC3</i>	-0.201142	0.096061	-2.093885	0.036270234	0.331274425
<i>CCNT2</i>	-0.253883	0.121259	-2.09372	0.036284958	0.331274425
<i>NSMCE2</i>	0.241816	0.115645	2.091014	0.036526809	0.333085423
<i>ZNF689</i>	0.330075	0.157865	2.090874	0.036539362	0.333085423
<i>LINC02245</i>	-0.688339	0.329309	-2.090253	0.036595056	0.333337495
<i>UPP1</i>	0.502321	0.240426	2.089291	0.03668158	0.333665521
<i>ENSG00000266378</i>	-1.305069	0.624713	-2.089068	0.036701562	0.333665521
<i>CCNJ</i>	-0.718751	0.344079	-2.088916	0.036715277	0.333665521
<i>IFI35</i>	0.263997	0.126423	2.088198	0.036779961	0.333998008
<i>LARP7</i>	0.146255	0.070086	2.086797	0.036906533	0.334891574
<i>PIK3IP1</i>	0.276289	0.132428	2.08633	0.036948748	0.335008068
<i>CLK4</i>	-0.242209	0.116125	-2.085758	0.037000529	0.335008068
<i>EXOSC3</i>	0.210881	0.101121	2.085439	0.037029511	0.335008068
<i>COX7A2L</i>	-0.121577	0.058299	-2.08541	0.037032102	0.335008068
<i>RTL6</i>	-0.68457	0.328426	-2.084395	0.037124224	0.335586049
<i>STX12</i>	0.192456	0.092362	2.083718	0.037185784	0.335887097
<i>APOBEC3B</i>	1.099998	0.528045	2.083152	0.037237344	0.335927213
<i>KCTD20</i>	-0.245413	0.117859	-2.082255	0.037319222	0.335927213
<i>SLC25A11</i>	0.20035	0.096226	2.082071	0.037336028	0.335927213
<i>PPARD</i>	-0.398691	0.191513	-2.081791	0.037361537	0.335927213
<i>ENSG00000228172</i>	1.188341	0.570851	2.081701	0.037369804	0.335927213
<i>RAE1</i>	0.300161	0.144202	2.081534	0.03738503	0.335927213
<i>GDE1</i>	-0.270803	0.1301	-2.081501	0.037388046	0.335927213
<i>AKIRIN1</i>	-0.171988	0.082649	-2.080944	0.037438987	0.336130842
<i>CHRNA6</i>	-1.263293	0.607253	-2.080342	0.037494182	0.336340198
<i>ENSG00000269549</i>	0.893758	0.429731	2.079806	0.037543318	0.336340198
<i>PSMB2</i>	0.163	0.078374	2.079764	0.03754719	0.336340198
<i>PEX1</i>	-0.38731	0.186317	-2.078765	0.037638912	0.336907943
<i>PRCC</i>	0.203321	0.097832	2.078257	0.037685652	0.337072495

<i>PARP15</i>	-0.276276	0.13301	-2.077107	0.037791688	0.337700274
<i>ZBTB8OS</i>	0.196256	0.094495	2.07688	0.037812658	0.337700274
<i>GOLGA8B</i>	-0.286326	0.1379	-2.076324	0.037864015	0.337905066
<i>AHNAK</i>	-0.468356	0.22568	-2.075312	0.037957619	0.338267044
<i>QSOX1</i>	0.534408	0.257512	2.07527	0.03796149	0.338267044
<i>TXLNA</i>	-0.308238	0.148568	-2.07472	0.03801248	0.338467681
<i>ENSG00000233184</i>	-0.436776	0.210573	-2.074228	0.038058133	0.338552517
<i>IMPA2</i>	-0.598862	0.288747	-2.074004	0.03807897	0.338552517
<i>ENSG00000267136</i>	1.215255	0.586191	2.073137	0.038159498	NA
<i>HES6</i>	-0.515911	0.248873	-2.072989	0.038173286	0.339137406
<i>SDHB</i>	0.229595	0.110814	2.071886	0.038276082	0.339796708
<i>CETP</i>	-0.876725	0.423253	-2.0714	0.03832146	0.33980827
<i>RPL14</i>	-0.186989	0.090292	-2.070936	0.038364823	0.33980827
<i>C12orf10</i>	-0.240165	0.115987	-2.070616	0.038394727	0.33980827
<i>SORD</i>	-0.446479	0.215664	-2.070248	0.038429114	0.33980827
<i>ATP2C1</i>	-0.32316	0.156112	-2.070051	0.038447529	0.33980827
<i>GTF2F1</i>	-0.185731	0.089724	-2.070037	0.038448904	0.33980827
<i>ANP32B</i>	-0.133121	0.064328	-2.069391	0.03850938	0.339962398
<i>ZEB1.AS1</i>	-0.470035	0.227173	-2.069064	0.038540113	0.339962398
<i>BRD3</i>	-0.216064	0.104433	-2.068935	0.038552142	0.339962398
<i>TK2</i>	-1.306241	0.631555	-2.068293	0.038612437	0.340241688
<i>TRIAP1</i>	0.233044	0.112715	2.067549	0.038682452	0.340606156
<i>SLIRP</i>	0.138357	0.066944	2.066767	0.038756083	0.341001894
<i>KCNH4</i>	1.383732	0.669898	2.065586	0.03886763	NA
<i>SSR3</i>	-0.170902	0.082743	-2.065448	0.038880663	0.341681158
<i>DNAJC28</i>	-0.815473	0.394837	-2.065341	0.038890772	0.341681158
<i>GNAI2</i>	-0.186525	0.09033	-2.064938	0.038928849	0.341763094
<i>PCTP</i>	0.350667	0.169884	2.064157	0.039002808	0.342159691
<i>SLC37A1</i>	-0.332956	0.161394	-2.062993	0.039113251	0.342875525
<i>PKN1</i>	0.238791	0.115781	2.062442	0.039165706	0.343082353
<i>ZNF675</i>	0.306525	0.148651	2.062053	0.039202689	0.343153438
<i>FAM111B</i>	-0.325856	0.158076	-2.061389	0.039265903	0.343453854
<i>MRPS10</i>	0.167472	0.081255	2.061059	0.039297437	0.343476934
<i>TGOLN2</i>	-0.160973	0.07815	-2.059796	0.039418015	0.344277693
<i>OSTM1</i>	0.258631	0.125604	2.059109	0.039483834	0.344599368
<i>CENPJ</i>	-0.376578	0.182955	-2.058314	0.039560033	0.344686459
<i>HNRNPR</i>	0.181934	0.0884	2.058079	0.03958251	0.344686459
<i>MEF2D</i>	-0.318054	0.154553	-2.057892	0.039600508	0.344686459
<i>FUOM</i>	0.400455	0.194606	2.057774	0.03961179	0.344686459
<i>LIG1</i>	-0.347329	0.168812	-2.057493	0.039638798	0.344686459
<i>SLC35F5</i>	-0.465916	0.226575	-2.056341	0.039749648	0.345275544
<i>RYK</i>	-0.359689	0.174944	-2.056024	0.03978017	0.345275544
<i>C15orf62</i>	-0.458929	0.223262	-2.055559	0.039825015	0.345275544
<i>TRAPPC4</i>	0.217752	0.105937	2.055487	0.039831951	0.345275544
<i>ENSG00000268713</i>	-0.666326	0.324202	-2.055282	0.039851775	0.345275544
<i>CYB5R4</i>	0.212227	0.103297	2.05453	0.039924467	0.345453989
<i>TMCO1</i>	0.170405	0.08295	2.0543	0.039946673	0.345453989



<i>ENSG00000272871</i>	-1.041617	0.507075	-2.054167	0.039959555	0.345453989
<i>ARF4</i>	0.242423	0.118109	2.052537	0.040117526	0.346253356
<i>KLHDC1</i>	-0.693823	0.338073	-2.052288	0.04014172	0.346253356
<i>EAF2</i>	0.291498	0.142051	2.052065	0.04016335	0.346253356
<i>CCNG2</i>	-0.340182	0.16578	-2.052012	0.040168535	0.346253356
<i>TCEAL8</i>	-0.224727	0.109539	-2.051564	0.040212072	0.346377461
<i>BRD3OS</i>	-0.404626	0.197309	-2.050728	0.040293471	0.346827292
<i>QDPR</i>	-0.573674	0.279976	-2.049009	0.040461231	0.347956971
<i>NKX6.3</i>	-1.90625	0.930609	-2.048389	0.040521889	NA
<i>OCIAD1</i>	0.159066	0.077663	2.048155	0.040544815	0.347956971
<i>CELF2</i>	-0.224732	0.109726	-2.048125	0.040547756	0.347956971
<i>DIPK1A</i>	0.380963	0.186009	2.048094	0.040550827	0.347956971
<i>AKR7A2</i>	-0.208159	0.101646	-2.047887	0.040571074	0.347956971
<i>ATP2B1.AS1</i>	-0.28007	0.136793	-2.047403	0.040618514	0.348112673
<i>ZC3H15</i>	0.122926	0.0601	2.045369	0.040818481	0.349574413
<i>RIOK1</i>	0.286957	0.140317	2.045067	0.040848279	0.34957775
<i>NDUFS7</i>	0.180358	0.088236	2.044043	0.040949279	0.350009595
<i>RBM8A</i>	0.121729	0.059563	2.043705	0.040982701	0.350009595
<i>NTPCR</i>	0.222213	0.108764	2.043072	0.041045282	0.350009595
<i>HIVEP1</i>	-0.381666	0.186817	-2.042992	0.041053253	0.350009595
<i>TEX2</i>	-0.906359	0.44376	-2.042453	0.041106597	0.350009595
<i>IFNAR2</i>	0.209682	0.102665	2.042395	0.041112413	0.350009595
<i>EP400P1</i>	-0.386763	0.189385	-2.042208	0.041130875	0.350009595
<i>ERN1</i>	-0.918301	0.449668	-2.042174	0.041134298	0.350009595
<i>WDR60</i>	-0.42057	0.206002	-2.041585	0.041192687	0.350255699
<i>ESYT1</i>	-0.256525	0.125725	-2.040368	0.041313707	0.351033622
<i>DIP2C</i>	-0.977516	0.479331	-2.039334	0.041416749	0.351140548
<i>DHRS4.AS1</i>	-0.361526	0.177304	-2.039016	0.041448436	0.351140548
<i>MAMSTR</i>	0.648895	0.318305	2.038595	0.041490481	0.351140548
<i>TCTN1</i>	-0.618864	0.303608	-2.038365	0.041513425	0.351140548
<i>TRIB1</i>	0.608794	0.298687	2.038234	0.04152654	0.351140548
<i>TASP1</i>	0.351618	0.172535	2.037951	0.041554823	0.351140548
<i>EHMT1</i>	-0.286459	0.140594	-2.037493	0.041600671	0.351140548
<i>SLC12A6</i>	0.214551	0.105311	2.037315	0.041618464	0.351140548
<i>SOGA1</i>	-0.455843	0.223796	-2.036868	0.041663303	0.351140548
<i>USF3</i>	-0.269251	0.132194	-2.03679	0.041671106	0.351140548
<i>RPS2</i>	-0.368212	0.180789	-2.036692	0.041680904	0.351140548
<i>ZC3H6</i>	-0.428493	0.210391	-2.03665	0.041685079	0.351140548
<i>AMT</i>	0.798641	0.392203	2.036296	0.041720655	0.351140548
<i>COX16</i>	0.25764	0.126536	2.036105	0.04173985	0.351140548
<i>TRIB2</i>	-0.733113	0.36014	-2.035632	0.041787351	0.35129154
<i>ENSG00000272004</i>	1.124426	0.552502	2.035152	0.041835627	NA
<i>CAPZB</i>	0.146661	0.072067	2.035057	0.041845131	0.351528671
<i>OAT</i>	0.405567	0.199347	2.034478	0.041903447	0.351769969
<i>AZIN1.AS1</i>	-1.095852	0.53899	-2.033157	0.042036646	0.352503521
<i>SUCLG2</i>	-0.253852	0.124864	-2.033024	0.042050138	0.352503521
<i>NAPB</i>	0.376976	0.185483	2.032404	0.042112819	0.352780182

<i>RNASE6</i>	-0.989079	0.4868	-2.031797	0.042174255	0.352978843
<i>LINC01869</i>	-1.154229	0.568143	-2.031583	0.042195923	0.352978843
<i>SLC25A32</i>	0.285056	0.140366	2.030798	0.042275524	0.353396031
<i>ZNF79</i>	-0.807044	0.397462	-2.030494	0.042306362	0.353405291
<i>BAG6</i>	0.211423	0.104176	2.029485	0.042408957	0.353850809
<i>ENSG00000246528</i>	0.895395	0.441268	2.02914	0.042444037	0.353850809
<i>RBM41</i>	-0.245168	0.120865	-2.028445	0.042514891	0.353850809
<i>IKZF4</i>	-1.263898	0.623105	-2.028386	0.042520891	0.353850809
<i>ENSG00000228106</i>	0.248537	0.122537	2.028262	0.042533562	0.353850809
<i>TP53INP1</i>	-0.328271	0.161852	-2.028215	0.042538303	0.353850809
<i>TBCK</i>	-0.375747	0.185389	-2.026807	0.042682143	0.354214083
<i>TAP1</i>	0.212508	0.104853	2.02672	0.042691048	0.354214083
<i>ENSG00000238260</i>	1.101881	0.543707	2.026608	0.042702556	0.354214083
<i>CFAP298</i>	0.223407	0.110237	2.026604	0.042702905	0.354214083
<i>CREM</i>	-0.463104	0.228573	-2.026068	0.042757862	0.354214083
<i>ERO1A</i>	-0.326673	0.161239	-2.026024	0.042762295	0.354214083
<i>PRX</i>	1.190932	0.587836	2.025958	0.042769101	NA
<i>HLA.DRA</i>	-0.306756	0.151438	-2.025622	0.042803556	0.354214083
<i>TRPS1</i>	-0.388151	0.191636	-2.025458	0.042820361	0.354214083
<i>ABRAXAS2</i>	0.260172	0.128517	2.024407	0.042928262	0.354266099
<i>EIF2S1</i>	0.247317	0.122179	2.024228	0.042946735	0.354266099
<i>NDUFS1</i>	0.310983	0.153634	2.02418	0.042951618	0.354266099
<i>ARMH1</i>	-0.716618	0.354113	-2.023697	0.043001363	0.354266099
<i>TAPT1</i>	-0.451551	0.223151	-2.023522	0.04301932	0.354266099
<i>NSMF</i>	-0.594375	0.293812	-2.022975	0.043075715	0.354266099
<i>GOLGA6L9</i>	-0.936386	0.462911	-2.022823	0.043091418	0.354266099
<i>ZDHHC13</i>	-0.331561	0.163963	-2.022174	0.043158403	0.354266099
<i>ODF2L</i>	-0.193263	0.095581	-2.021982	0.043178205	0.354266099
<i>RPL21</i>	-0.188583	0.093268	-2.021953	0.043181162	0.354266099
<i>POGK</i>	-0.230507	0.114003	-2.021929	0.043183638	0.354266099
<i>SND1</i>	-0.373334	0.184643	-2.021923	0.043184283	0.354266099
<i>CA13</i>	-0.589883	0.291959	-2.020433	0.043338545	0.354878137
<i>YJEFN3</i>	0.533388	0.264002	2.020393	0.043342615	0.354878137
<i>EGLN2</i>	-0.173496	0.085881	-2.020191	0.043363564	0.354878137
<i>ERCC4</i>	-0.354318	0.175432	-2.019684	0.043416143	0.354878137
<i>NBN</i>	0.260381	0.128943	2.019349	0.043450907	0.354878137
<i>CAMSAP1</i>	-0.452306	0.224041	-2.018853	0.043502492	0.354878137
<i>MRPL33</i>	0.159692	0.079103	2.018782	0.043509868	0.354878137
<i>ATF7IP</i>	-0.292289	0.144787	-2.018752	0.04351299	0.354878137
<i>KCTD17</i>	-0.346442	0.171624	-2.018612	0.043527578	0.354878137
<i>DHX15</i>	0.251035	0.124488	2.01654	0.043743541	0.35639443
<i>SLC33A1</i>	-0.341214	0.169432	-2.013871	0.044023097	0.358426409
<i>MRPL24</i>	0.279542	0.138851	2.013255	0.044087862	0.358569801
<i>CCDC92</i>	-0.360833	0.17924	-2.013129	0.044101039	0.358569801
<i>ENSG00000226266</i>	-0.95921	0.476573	-2.012725	0.044143543	0.358670055
<i>MICAL1</i>	-0.294233	0.146217	-2.012304	0.044187904	0.358785253
<i>CRNKL1</i>	0.27215	0.135358	2.010587	0.044369135	0.360010861

<i>ENSG00000254802</i>	0.62573	0.311311	2.009984	0.044432885	0.360026991
<i>MIR222HG</i>	0.940383	0.467911	2.009748	0.044457844	0.360026991
<i>NUFIP2</i>	-0.247482	0.12316	-2.009441	0.044490353	0.360026991
<i>FOS</i>	-0.865222	0.430582	-2.009423	0.044492273	0.360026991
<i>SLC25A1</i>	-0.314987	0.156807	-2.008754	0.044563273	0.360356208
<i>USP15</i>	-0.159488	0.079456	-2.007239	0.044724259	0.361192081
<i>C1GALT1C1</i>	0.375574	0.187113	2.007209	0.044727412	0.361192081
<i>GUCY2C</i>	-0.441528	0.220146	-2.005609	0.044898007	0.362323567
<i>IDS</i>	-0.157463	0.078576	-2.003956	0.045074788	0.363426646
<i>OAS3</i>	0.557196	0.278075	2.003759	0.045095844	0.363426646
<i>SMARCD1</i>	-0.30328	0.151394	-2.003254	0.04515005	0.363616969
<i>WDR33</i>	0.184703	0.092262	2.00195	0.045290078	0.364497733
<i>RPS3A</i>	-0.168451	0.084225	-2.000004	0.045499791	0.36539207
<i>KLHL28</i>	-0.264663	0.132353	-1.999678	0.045535083	0.36539207
<i>ENSG00000279278</i>	0.447282	0.223683	1.999627	0.045540598	0.36539207
<i>GBA2</i>	-0.302281	0.151188	-1.999371	0.045568247	0.36539207
<i>ZFYVE16</i>	-0.26293	0.131514	-1.999256	0.045580677	0.36539207
<i>USF2</i>	-0.206555	0.10333	-1.99898	0.045610511	0.36539207
<i>ANKZF1</i>	-0.184065	0.092082	-1.998926	0.045616373	0.36539207
<i>SLC9A9</i>	0.456931	0.228668	1.998224	0.045692379	0.365716514
<i>TMEM183A</i>	-0.158244	0.07921	-1.997765	0.045742155	0.365716514
<i>BTG3</i>	0.214225	0.107236	1.9977	0.045749176	0.365716514
<i>CD82</i>	-0.193488	0.096885	-1.99709	0.045815358	0.365999436
<i>LY86.AS1</i>	-1.557779	0.780033	-1.997067	0.04581787	NA
<i>SMAD2</i>	-0.206986	0.103672	-1.996539	0.045875324	0.366232352
<i>UBLCP1</i>	-0.280951	0.140754	-1.99604	0.045929519	0.366418923
<i>ENTPD7</i>	-2.008404	1.006294	-1.995841	0.045951189	NA
<i>ENSG00000272918</i>	-0.478537	0.239788	-1.995668	0.045970114	0.366496812
<i>SLC48A1</i>	-0.320201	0.160499	-1.995033	0.046039276	0.366802195
<i>XYLT2</i>	-0.47538	0.238345	-1.994508	0.046096618	0.367013056
<i>ENSG00000224905</i>	-1.401524	0.704032	-1.990712	0.046512606	NA
<i>FAM107B</i>	0.19089	0.095903	1.990437	0.04654277	0.370317208
<i>ENSG00000273156</i>	-0.601679	0.302398	-1.989693	0.046624796	0.370634809
<i>MRTO4</i>	0.228596	0.114901	1.989509	0.046645047	0.370634809
<i>TLK1</i>	-0.172144	0.08661	-1.987575	0.046858764	0.372084253
<i>GLYCTK</i>	0.4753	0.239288	1.98631	0.046998933	0.37294814
<i>TANC2</i>	-0.779969	0.392751	-1.98591	0.047043291	0.373051103
<i>CHD4</i>	-0.169751	0.08553	-1.984702	0.047177649	0.373867143
<i>CCNL2</i>	-0.191668	0.096589	-1.984363	0.047215433	0.373917289
<i>TANGO2</i>	-0.341974	0.172375	-1.983891	0.047268048	0.374084741
<i>XPC</i>	0.173153	0.087312	1.983152	0.047350421	0.374487326
<i>ANKMY1</i>	0.377909	0.19064	1.982317	0.047443733	0.374975835
<i>HACD1</i>	-0.976264	0.492558	-1.982027	0.047476184	0.374982987
<i>SRP68</i>	0.268289	0.135444	1.980811	0.047612427	0.375773158
<i>AGRN</i>	-0.673912	0.340262	-1.980568	0.047639788	0.375773158
<i>ZMYM6</i>	-0.30643	0.15474	-1.980289	0.047671063	0.375773158
<i>ENSG00000237310</i>	0.540441	0.272971	1.97985	0.04772034	0.375912317

<i>AMD1</i>	-0.24024	0.121422	-1.978546	0.047867106	0.376818733
<i>ENSG00000245522</i>	0.656337	0.331914	1.977431	0.047992987	0.377428826
<i>LINC01800</i>	-1.109225	0.560981	-1.977297	0.048008108	0.377428826
<i>FAM160B2</i>	-0.344348	0.174202	-1.976718	0.048073533	0.377693382
<i>ABRAXAS1</i>	-0.182855	0.092618	-1.974289	0.048348843	0.379312316
<i>BCLAF3</i>	-0.521934	0.26441	-1.973956	0.048386783	0.379312316
<i>DIAPH1</i>	-0.258306	0.130883	-1.973568	0.048430842	0.379312316
<i>STAG2</i>	0.175673	0.08902	1.973404	0.048449517	0.379312316
<i>LFNG</i>	0.286662	0.145267	1.973345	0.048456314	0.379312316
<i>PABPC3</i>	-0.708831	0.359227	-1.973209	0.048471702	0.379312316
<i>GLIPR1</i>	-0.223762	0.113419	-1.972882	0.048508988	0.379312316
<i>PHF8</i>	0.338162	0.171425	1.972655	0.048534873	0.379312316
<i>RALGPS1</i>	-0.411049	0.208429	-1.972131	0.048594664	0.379530075
<i>CD68</i>	-0.481184	0.244029	-1.971834	0.048628608	0.379545803
<i>ZNF165</i>	0.46312	0.234903	1.971537	0.048662538	0.379561413
<i>NDUFA5</i>	0.130256	0.066082	1.971131	0.048708916	0.379659431
<i>FAM122A</i>	0.210403	0.106775	1.970533	0.048777322	0.379659431
<i>CPM</i>	0.477639	0.242416	1.970329	0.048800675	0.379659431
<i>CCDC71L</i>	-0.451899	0.229387	-1.970033	0.048834557	0.379659431
<i>ZNF227</i>	0.299428	0.151992	1.970031	0.0488348	0.379659431
<i>ZNF493</i>	-0.200018	0.101578	-1.969112	0.048940236	0.380230446
<i>XPO5</i>	0.438253	0.222609	1.968712	0.04898619	0.380332696
<i>LMF2</i>	-0.196861	0.100019	-1.968229	0.049041704	0.380332696
<i>RBM28</i>	0.230145	0.116934	1.968162	0.049049384	0.380332696
<i>MED29</i>	0.188213	0.095649	1.967743	0.049097563	0.380458106
<i>GSTM4</i>	-0.501431	0.255025	-1.966203	0.04927522	0.381586016
<i>ZBTB3</i>	0.489601	0.24905	1.965873	0.04931333	0.381632523
<i>LRRFIP1</i>	-0.206278	0.104952	-1.965456	0.049361455	0.381756415

<b>Cluster 4</b>	<b>log2FC</b>	<b>lfcSE</b>	<b>stat</b>	<b>pvalue</b>	<b>padj</b>
<i>VPREB3</i>	2.019106	0.072711	27.769031	< 2.22e-16	< 2.22e-16
<i>PLAAT4</i>	1.838477	0.168514	10.909953	< 2.22e-16	< 2.22e-16
<i>CD38</i>	2.041542	0.242906	8.404655	< 2.22e-16	1.63E-13
<i>AHI1</i>	1.6348	0.213267	7.665507	1.78E-14	5.07E-11
<i>MS4A1</i>	-0.681183	0.102817	-6.625227	3.47E-11	7.90E-08
<i>DENND6B</i>	1.924781	0.295721	6.508777	7.58E-11	1.31E-07
<i>RRBP1</i>	1.118218	0.172054	6.499241	8.07E-11	1.31E-07
<i>MRPS6</i>	0.98125	0.151477	6.477872	9.30E-11	1.32E-07
<i>GRN</i>	1.188852	0.192162	6.18673	6.14E-10	7.77E-07
<i>SEPTIN9</i>	0.623549	0.106302	5.865849	4.47E-09	5.09E-06
<i>CD1D</i>	2.324307	0.413927	5.615264	1.96E-08	2.03E-05
<i>DPEP2</i>	1.100664	0.200651	5.485457	4.12E-08	3.91E-05
<i>SIGIRR</i>	0.996736	0.186979	5.330728	9.78E-08	8.57E-05
<i>SLC12A4</i>	3.593533	0.687828	5.224465	1.75E-07	0.000142061
<i>AGO1</i>	1.414221	0.272122	5.197005	2.03E-07	0.000153744
<i>DUS2</i>	1.411895	0.279878	5.044688	4.54E-07	0.000301683
<i>DBNL</i>	0.727911	0.144438	5.039591	4.67E-07	0.000301683
<i>TRABD</i>	0.647435	0.128577	5.035387	4.77E-07	0.000301683
<i>SMAD3</i>	1.343852	0.268596	5.003248	5.64E-07	0.000337849
<i>ASB2</i>	3.76393	0.755296	4.983386	6.25E-07	0.000355737
<i>BTG2</i>	-0.355278	0.071452	-4.972278	6.62E-07	0.000358803
<i>RARA.AS1</i>	3.047223	0.621406	4.903755	9.40E-07	0.000486648
<i>DDIT4</i>	1.723666	0.352862	4.884815	1.04E-06	0.000512543
<i>P2RX5</i>	0.575582	0.131412	4.379999	1.19E-05	0.005630863
<i>FAM3C</i>	0.754908	0.173038	4.362661	1.28E-05	0.005757808
<i>CABLES1</i>	-1.88776	0.433206	-4.357647	1.31E-05	0.005757808
<i>VPREB1</i>	3.446085	0.796029	4.329094	1.50E-05	0.006314477
<i>IRAK2</i>	1.78763	0.414715	4.310504	1.63E-05	0.006579526
<i>EVI2B</i>	0.472179	0.109701	4.304233	1.68E-05	0.006579526
<i>MCM5</i>	0.862363	0.203026	4.247552	2.16E-05	0.00820317
<i>RCBTB2</i>	-2.644794	0.628014	-4.211362	2.54E-05	0.009323965
<i>GNG3</i>	-2.84684	0.688089	-4.137312	3.51E-05	0.01250427
<i>APOL3</i>	1.053283	0.25726	4.094232	4.24E-05	0.014615757
<i>AGPAT5</i>	0.772669	0.189625	4.074713	4.61E-05	0.015086889
<i>SLC5A3</i>	0.983941	0.241909	4.067407	4.75E-05	0.015086889
<i>NEIL1</i>	-0.648514	0.159472	-4.066633	4.77E-05	0.015086889
<i>CD79B</i>	0.281948	0.069999	4.027874	5.63E-05	0.01732164
<i>FAM117A</i>	0.955156	0.238447	4.005729	6.18E-05	0.017991356
<i>DGKD</i>	-0.658789	0.164579	-4.002875	6.26E-05	0.017991356
<i>H3F3A</i>	0.353311	0.088463	3.993899	6.50E-05	0.017991356
<i>TTC39C</i>	-0.947967	0.237479	-3.991789	6.56E-05	0.017991356
<i>CHST15</i>	1.032448	0.258825	3.988974	6.64E-05	0.017991356
<i>MCTP2</i>	-0.936432	0.235139	-3.982456	6.82E-05	0.018062122
<i>GSTP1</i>	0.320295	0.080715	3.96823	7.24E-05	0.018739005
<i>RAB37</i>	1.052529	0.268594	3.918661	8.90E-05	0.022531676
<i>PLAAT3</i>	2.539781	0.652036	3.895155	9.81E-05	0.024232958

<i>STK17B</i>	-0.421192	0.108261	-3.890539	0.00010002	0.024232958
<i>PNOC</i>	1.045482	0.27215	3.841565	0.00012225	0.028701033
<i>LINC01353</i>	-1.776717	0.4628	-3.839063	0.00012351	0.028701033
<i>RMDN2</i>	2.010232	0.529096	3.799368	0.00014507	0.033037293
<i>SPOCK2</i>	0.624823	0.166368	3.755667	0.00017288	0.038467374
<i>TMC8</i>	0.861967	0.229756	3.751663	0.00017567	0.038467374
<i>CD24</i>	-0.498975	0.133813	-3.7289	0.00019232	0.041319156
<i>ISG20</i>	-0.41323	0.111768	-3.697224	0.00021797	0.045963454
<i>P2RX5.TAX1BP3</i>	2.092047	0.567045	3.689383	0.0002248	0.046541448
<i>HHIP.AS1</i>	-2.512868	0.685064	-3.668079	0.00024438	0.049692002
<i>MAP3K1</i>	0.707603	0.194228	3.643161	0.00026931	0.053800529
<i>ZNF3</i>	1.02196	0.281769	3.626944	0.0002868	0.056070273
<i>XYLT1</i>	1.251459	0.345885	3.618131	0.00029674	0.056070273
<i>ZNF730</i>	-2.444933	0.676102	-3.616217	0.00029894	0.056070273
<i>CYBC1</i>	-0.359055	0.099324	-3.614983	0.00030037	0.056070273
<i>PAOX</i>	1.258947	0.34892	3.60812	0.00030842	0.056645434
<i>ZNF684</i>	-1.603205	0.448503	-3.574569	0.00035081	0.063406663
<i>ETFB</i>	0.647252	0.181402	3.568045	0.00035966	0.063990415
<i>C7orf50</i>	-0.343987	0.096691	-3.557585	0.00037428	0.06556805
<i>GBP4</i>	0.716485	0.202228	3.542955	0.00039567	0.066412
<i>RIMS3</i>	-2.958722	0.835496	-3.541276	0.0003982	0.066412
<i>TRBC2</i>	-0.295395	0.083458	-3.539423	0.000401	0.066412
<i>ENSG00000260778</i>	-1.781111	0.503354	-3.538488	0.00040243	0.066412
<i>RAPGEF5</i>	-2.043015	0.582975	-3.504463	0.00045753	0.074426844
<i>IL2RA</i>	-1.418319	0.407653	-3.479235	0.00050285	0.080646883
<i>CD3G</i>	-4.41776	1.276568	-3.460653	0.00053887	NA
<i>KMT2E</i>	-0.281799	0.081484	-3.458323	0.00054355	0.085963929
<i>ACP5</i>	0.785353	0.22794	3.445445	0.00057012	0.088931041
<i>MIR3142HG</i>	-3.230923	0.940713	-3.434548	0.00059354	NA
<i>ATP6VOA1</i>	1.119726	0.327725	3.416666	0.00063393	0.097547961
<i>AP3S1</i>	0.540275	0.158578	3.406998	0.00065682	0.09878158
<i>PPP1R18</i>	0.430009	0.126364	3.402938	0.00066665	0.09878158
<i>DEF8</i>	-0.797763	0.234471	-3.402399	0.00066797	0.09878158
<i>RUBCN</i>	-0.492578	0.145013	-3.396788	0.00068182	0.099536627
<i>FOXO3</i>	1.425621	0.420656	3.389044	0.00070137	0.101094586
<i>PFKL</i>	-0.453355	0.133915	-3.385407	0.00071073	0.101163287
<i>MAPKAPK2</i>	1.000857	0.297038	3.369452	0.00075318	0.105882048
<i>POU2AF1</i>	0.429354	0.128636	3.337752	0.00084459	0.117284695
<i>ZNF638</i>	-0.43517	0.130751	-3.328229	0.000874	0.11990662
<i>GPBR1</i>	-1.914	0.578057	-3.311094	0.00092932	0.125978078
<i>MPEG1</i>	0.775383	0.234481	3.306814	0.00094364	0.12641398
<i>ENSG00000257815</i>	-0.72811	0.220488	-3.302265	0.00095908	0.126988273
<i>DCAF12</i>	-2.5553	0.777234	-3.287685	0.00101015	0.132213048
<i>PARP2</i>	-0.977608	0.297773	-3.283065	0.00102685	0.132872257
<i>MDH2</i>	0.469474	0.143337	3.27531	0.00105546	0.135039774
<i>USP46.AS1</i>	-2.661087	0.812849	-3.273778	0.0010612	NA
<i>CERS4</i>	-0.54055	0.165506	-3.266036	0.00109064	0.137990711

<i>LCAT</i>	1.894977	0.585315	3.237531	0.00120569	0.150870253
<i>SNAP23</i>	0.454782	0.140879	3.228169	0.00124585	0.153235778
<i>GALNT2</i>	0.625639	0.194185	3.221864	0.0012736	0.153235778
<i>MPZL1</i>	-0.935655	0.290427	-3.221651	0.00127454	0.153235778
<i>SPRY1</i>	0.590263	0.183267	3.22078	0.00127842	0.153235778
<i>RNF207</i>	1.794268	0.56012	3.203361	0.00135833	0.160685825
<i>LSM7</i>	-0.394039	0.123093	-3.201151	0.0013688	0.160685825
<i>ABI3</i>	0.737404	0.230826	3.194638	0.00140007	0.162574673
<i>RPS19</i>	0.269826	0.084535	3.191891	0.00141345	0.162574673
<i>ENSG00000183308</i>	-2.16586	0.679947	-3.185339	0.00144585	0.164638386
<i>NKX6.3</i>	-1.891098	0.59524	-3.177034	0.0014879	0.167090843
<i>SLC38A6</i>	-1.359711	0.428213	-3.175317	0.00149673	0.167090843
<i>TNFRSF4</i>	-3.254171	1.026025	-3.171629	0.00151587	NA
<i>UBAP2L</i>	-0.628907	0.198788	-3.163703	0.00155776	0.172215367
<i>SNX18</i>	1.386266	0.438825	3.159039	0.0015829	0.173312614
<i>RABGAP1L</i>	0.495643	0.157317	3.150612	0.00162929	0.176692366
<i>BCLAF1</i>	-0.357172	0.113515	-3.146482	0.00165248	0.177516512
<i>RNGTT</i>	-0.845863	0.270113	-3.131513	0.00173908	0.183292494
<i>GPX1</i>	0.289211	0.092413	3.129533	0.00175084	0.183292494
<i>RINL</i>	0.698354	0.223206	3.12874	0.00175557	0.183292494
<i>GPT2</i>	1.218762	0.389851	3.12623	0.00177063	0.183292494
<i>TOX2</i>	-2.205178	0.705397	-3.126151	0.00177111	NA
<i>NOB1</i>	0.643095	0.206111	3.120133	0.0018077	0.184807357
<i>ENSG00000275580</i>	-2.236424	0.717147	-3.118503	0.00181772	0.184807357
<i>MARCHF1</i>	-0.41155	0.132125	-3.114853	0.00184036	0.185453279
<i>TMEM88</i>	-2.481371	0.79668	-3.114641	0.00184169	NA
<i>SLC25A5</i>	-0.241472	0.078265	-3.085296	0.0020335	0.203117672
<i>ZNF436</i>	-1.750639	0.570301	-3.069673	0.00214293	0.212187543
<i>CD226</i>	-2.984439	0.972486	-3.068875	0.00214866	NA
<i>ATXN10</i>	0.649424	0.211973	3.063707	0.00218613	0.214524251
<i>FOXP1</i>	-0.216662	0.070776	-3.061242	0.00220421	0.214524251
<i>RNF130</i>	1.255243	0.411304	3.05186	0.00227429	0.219468462
<i>FAM167A</i>	1.831743	0.601001	3.047822	0.00230507	0.220569726
<i>TMEM52</i>	-1.929527	0.634287	-3.042038	0.00234982	0.22141415
<i>PPP3CC</i>	-0.497331	0.163506	-3.041659	0.00235278	0.22141415
<i>TBKBP1</i>	-2.757435	0.912457	-3.02199	0.00251119	NA
<i>LINC02202</i>	-2.177106	0.720748	-3.020619	0.00252258	0.235448087
<i>SMIM20</i>	0.799289	0.264915	3.01716	0.00255155	0.23621573
<i>C15orf39</i>	1.30374	0.432834	3.012102	0.00259445	0.237085769
<i>CD79A</i>	0.324997	0.107931	3.011151	0.00260259	0.237085769
<i>FAM207A</i>	1.174581	0.391941	2.996831	0.00272802	0.246539597
<i>CERK</i>	1.040938	0.347995	2.991248	0.0027784	0.249115052
<i>ZNF540</i>	-0.993128	0.333501	-2.977883	0.00290247	0.258206527
<i>PXK</i>	0.639143	0.215094	2.971464	0.00296384	0.261621821
<i>ENSG00000272368</i>	-0.810855	0.273699	-2.962581	0.00305072	0.267081353
<i>ATP6V0D1</i>	-0.472731	0.159789	-2.95847	0.0030917	0.267081353
<i>SERPINB1</i>	0.494473	0.167163	2.958037	0.00309605	0.267081353

MYO9B	0.728603	0.247297	2.946271	0.0032163	0.275368807
EVL	0.35031	0.119585	2.929381	0.00339638	0.288616166
DYNLL2	-0.817013	0.279438	-2.923774	0.00345816	0.291689435
CCNB1	-1.35297	0.464198	-2.91464	0.003561	0.294017078
SYNGAP1	1.700978	0.583599	2.914635	0.00356104	0.294017078
TCL1A	-0.463623	0.159078	-2.914445	0.00356322	0.294017078
AGAP3	-2.844526	0.977131	-2.911099	0.0036016	NA
ST3GAL1	0.919136	0.315825	2.910269	0.00361117	0.295830491
TBRG1	-0.4538	0.156137	-2.906431	0.00365578	0.297345068
DDX17	-0.251451	0.086638	-2.90232	0.0037041	0.299138998
QSOX2	-0.728164	0.251368	-2.896805	0.00376984	0.301780632
HSH2D	0.344468	0.119022	2.894152	0.00380184	0.301780632
CYTH3	-1.071464	0.37037	-2.892958	0.00381632	0.301780632
LBH	-0.355331	0.123007	-2.88871	0.00386825	0.303777898
HCK	-0.990814	0.343814	-2.88183	0.00395374	0.305685353
CD37	-0.150251	0.052148	-2.881243	0.00396111	0.305685353
ASTE1	-0.713552	0.247736	-2.880291	0.00397308	0.305685353
C3orf52	-2.244779	0.783844	-2.863809	0.0041858	NA
SUSD6	-0.55667	0.194791	-2.857787	0.00426607	0.326025125
ENSG00000271204	0.616583	0.218022	2.828083	0.00468276	0.355483992
RPL18A	0.238805	0.084637	2.821527	0.00477956	0.360429428
CD109	-3.466531	1.22973	-2.818937	0.00481829	NA
SYNGR2	0.417417	0.148279	2.815086	0.00487642	0.365314349
AGPAT2	-0.462852	0.164783	-2.808861	0.00497172	0.370019207
FCMR	0.34628	0.123474	2.804481	0.00503976	0.372647831
PRR7	-1.174821	0.420613	-2.793115	0.00522031	0.383507423
MPG	0.455178	0.163256	2.78812	0.00530149	0.38697453
NFATC3	0.487519	0.17501	2.785663	0.00534184	0.387436308
MRNIP	0.527187	0.190122	2.772884	0.0055562	0.40043301
ENSG00000275636	-2.562055	0.926709	-2.764682	0.00569783	0.40728113
BRPF1	-0.83243	0.301249	-2.763258	0.00572275	0.40728113
ARNT	-0.71353	0.259353	-2.751193	0.00593787	0.417969599
TADA2A	-0.859186	0.312437	-2.749948	0.00596048	0.417969599
RAB11B	-0.326395	0.118745	-2.748709	0.00598306	0.417969599
ENSG00000258168	-2.974757	1.083558	-2.745359	0.00604447	NA
MSI2	-0.454049	0.165545	-2.742758	0.00609255	0.423023871
ENSG00000249790	-2.219031	0.809382	-2.741637	0.00611338	NA
STXBP5	-1.28726	0.46977	-2.740192	0.00614034	0.423757558
ALG2	-0.660249	0.24156	-2.733266	0.00627096	0.42861821
JAML	-2.666264	0.976304	-2.730976	0.0063147	0.42861821
PBX3	-0.90763	0.332403	-2.730507	0.00632369	0.42861821
GRK5	-0.647486	0.237309	-2.728448	0.00636332	0.428751874
LGALS4	-1.597368	0.585869	-2.726493	0.00640113	0.428762627
SLC39A13	-0.905211	0.332757	-2.720335	0.00652157	0.434275725
COL8A1	-2.078186	0.765496	-2.714823	0.00663112	NA
SIDT2	-0.66648	0.245501	-2.714773	0.00663213	0.439070143
EIF3K	-0.178443	0.065818	-2.711171	0.0067046	0.440545333



NPW	-2.355475	0.869486	-2.709044	0.00674774	NA
ENSG00000198106	-0.40619	0.149999	-2.707946	0.0067701	0.440545333
DTX4	1.320224	0.48754	2.707928	0.00677048	0.440545333
LINC02362	-2.428144	0.897015	-2.706915	0.00679116	NA
UMPS	1.432644	0.530164	2.702266	0.00688685	0.445571622
RUNX3	0.685018	0.253816	2.698876	0.00695741	0.446471436
HIST1H2AK	-1.880797	0.69715	-2.697836	0.00697918	0.446471436
MCL1	0.395912	0.146855	2.695932	0.00701921	0.446523503
CR2	1.259428	0.467527	2.693809	0.00706406	0.446880002
NIPSNAP1	1.005815	0.373954	2.689675	0.00715217	0.449559663
BSPRY	-2.145912	0.797949	-2.689285	0.00716053	NA
ZWINT	-1.939284	0.721425	-2.688128	0.00718537	0.449559663
TLK1	-0.368437	0.13733	-2.682863	0.0072995	0.452800386
NEK1	1.277288	0.476355	2.681378	0.00733197	0.452800386
CNTRL	-0.371317	0.138551	-2.68001	0.007362	0.452800386
ZNF440	1.96557	0.733844	2.678457	0.00739623	0.452800386
GGT1	-2.271364	0.8491	-2.675026	0.00747234	NA
BYSL	-1.140473	0.426432	-2.674454	0.0074851	0.455790532
CHST12	0.563546	0.210874	2.672432	0.00753037	0.45610811
ITGB2.AS1	-2.542449	0.951727	-2.671407	0.0075534	NA
LINC02576	-1.151109	0.431283	-2.669033	0.00760699	0.456300385
TBC1D9	0.846599	0.317228	2.668738	0.00761369	0.456300385
SLC29A1	-2.043063	0.766071	-2.666937	0.0076546	0.456350475
SQSTM1	0.355099	0.13329	2.664104	0.00771938	0.456622353
PHF20L1	-0.390421	0.146596	-2.663234	0.00773936	0.456622353
TBL1X	-0.724496	0.272609	-2.657634	0.00786913	0.457414698
SMS	0.59855	0.225335	2.656265	0.00790115	0.457414698
ENSG00000255224	-1.713427	0.645095	-2.656084	0.00790539	0.457414698
CD72	0.463777	0.17474	2.654104	0.00795193	0.457414698
PSMB10	0.405134	0.152649	2.654031	0.00795364	0.457414698
CYB5RL	-1.122885	0.424216	-2.646965	0.00812179	0.464737579
SLC2A5	0.682062	0.257909	2.644587	0.00817906	0.46567457
PIK3R5	1.707172	0.645999	2.642683	0.00822519	0.46597124
JDP2	1.799591	0.6818	2.639469	0.00830359	0.46777391
IGHV3.15	-1.526894	0.578803	-2.63802	0.00833917	0.46777391
LINC02210.CRHR1	-2.097084	0.795675	-2.635603	0.0083988	NA
PPT1	0.715946	0.272065	2.631527	0.0085002	0.472787049
CDKN3	-1.906865	0.724748	-2.631073	0.00851158	0.472787049
PMEPA1	-0.570898	0.217207	-2.628362	0.00857971	0.474257852
SLC25A53	-0.808965	0.308331	-2.623692	0.00869824	0.478487389
KNL1	1.612216	0.61499	2.621534	0.00875351	0.479212516
MZB1	-0.509555	0.194846	-2.615173	0.00891822	0.485893672
RAB20	1.7434	0.668046	2.609701	0.00906213	0.490129536
E2F5	-0.50735	0.194466	-2.60894	0.00908232	0.490129536
PON2	-1.799118	0.690023	-2.607332	0.0091251	0.490129536
MRPL27	0.566745	0.217529	2.605374	0.00917741	0.490625151
VHL	0.389554	0.150106	2.595198	0.00945364	0.499689112

<i>GBP2</i>	0.567616	0.218974	2.592169	0.00953729	0.499689112
<i>RARA</i>	0.552616	0.213415	2.589398	0.00961438	0.499689112
<i>RAMP2.AS1</i>	-1.744364	0.673713	-2.58918	0.00962048	0.499689112
<i>ABHD11</i>	-0.712902	0.275492	-2.587744	0.00966068	0.499689112
<i>ENSG00000263470</i>	-2.174558	0.840526	-2.587138	0.00967769	NA
<i>TMEM134</i>	-0.313823	0.121344	-2.586227	0.0097033	0.499689112
<i>C2orf42</i>	-0.782734	0.302866	-2.584427	0.0097541	0.499689112
<i>LEPR</i>	-1.927145	0.74612	-2.582888	0.0097977	0.499689112
<i>SCYL2</i>	-0.73937	0.286283	-2.582653	0.00980439	0.499689112
<i>RFC4</i>	0.905059	0.350529	2.581983	0.00982344	0.499689112
<i>DNAJB9</i>	-0.428769	0.16617	-2.580301	0.00987143	0.499689112
<i>MYCBP2</i>	0.292748	0.113531	2.578564	0.0099212	0.499689112
<i>PIGN</i>	-1.190063	0.461909	-2.576398	0.00998357	0.499689112
<i>ENSG00000271976</i>	-1.490505	0.579244	-2.573191	0.01007657	0.499689112
<i>ACAP2</i>	-0.384998	0.149626	-2.573067	0.01008018	0.499689112
<i>TAF11</i>	-0.470879	0.183045	-2.572479	0.01009731	0.499689112
<i>NMT2</i>	-0.440777	0.171398	-2.571657	0.0101213	0.499689112
<i>NOTCH2</i>	0.623468	0.242657	2.569336	0.01018935	0.499689112
<i>HERC6</i>	-0.877929	0.341813	-2.568448	0.01021549	0.499689112
<i>ENSG00000251364</i>	1.729416	0.673412	2.568139	0.0102246	0.499689112
<i>ENSG00000260735</i>	-1.350401	0.526626	-2.56425	0.01033989	0.501817629
<i>ANXA2R</i>	-0.555091	0.216618	-2.562535	0.0103911	0.501817629
<i>ZNF438</i>	-1.33029	0.519265	-2.561873	0.01041095	0.501817629
<i>DDX42</i>	-0.554152	0.216402	-2.560757	0.01044444	0.501817629
<i>PATL2</i>	0.635849	0.248476	2.559	0.01049737	0.502241679
<i>PLEKHO1</i>	0.395129	0.154596	2.555879	0.01059199	0.504648264
<i>SLC35B1</i>	-0.614564	0.240819	-2.55197	0.01071156	0.508218837
<i>AGAP5</i>	-1.371699	0.538335	-2.54804	0.01083302	0.511848878
<i>LOR</i>	-2.704562	1.062101	-2.546426	0.01088322	NA
<i>WIPF1</i>	-0.251667	0.098894	-2.544799	0.01093407	0.513677351
<i>PI4K2A</i>	-1.218819	0.479113	-2.54391	0.01096194	0.513677351
<i>KCNJ5</i>	-1.768801	0.696222	-2.54057	0.01106721	0.516484849
<i>BCL2L11</i>	1.23776	0.487804	2.537413	0.01116752	0.517533917
<i>CARD19</i>	-0.664605	0.262144	-2.535268	0.01123612	0.517533917
<i>CHIT1</i>	-1.464909	0.57783	-2.535188	0.01123869	0.517533917
<i>SNHG10</i>	-0.621024	0.24508	-2.533959	0.01127819	0.517533917
<i>BPGM</i>	-0.693117	0.273661	-2.532757	0.01131694	0.517533917
<i>SRRT</i>	0.689045	0.272348	2.53002	0.01140559	0.518013266
<i>NFXL1</i>	-0.935862	0.369961	-2.529626	0.0114184	0.518013266
<i>ENSG00000231105</i>	-2.215406	0.87612	-2.528658	0.01144997	NA
<i>ST6GALNAC6</i>	0.59584	0.236148	2.523166	0.01163036	0.525535303
<i>SIGLEC10</i>	1.001494	0.397248	2.521079	0.01169955	0.525845192
<i>SLC43A2</i>	0.349748	0.138779	2.520177	0.01172958	0.525845192
<i>GRINA</i>	0.572236	0.2272	2.518641	0.01178088	0.526074022
<i>NHEJ1</i>	-1.883261	0.748161	-2.517186	0.01182963	NA
<i>GZMM</i>	-3.05829	1.215316	-2.516457	0.01185412	NA
<i>CTBP2</i>	-2.631201	1.04616	-2.515104	0.01189972	NA

<i>CYTIP</i>	-0.180013	0.071598	-2.514224	0.01192945	0.530627594
<i>LRRC3</i>	-1.606058	0.639477	-2.51152	0.01202124	0.532629995
<i>NEURL4</i>	-1.278809	0.509902	-2.507953	0.01214329	0.53595203
<i>SLC8B1</i>	-0.685661	0.273596	-2.506112	0.0122067	0.5366708
<i>ANAPC16</i>	0.218059	0.08713	2.502673	0.01232593	0.537621442
<i>MTERF3</i>	-0.691389	0.276625	-2.499373	0.01244133	0.537621442
<i>ENSG00000282951</i>	-1.775605	0.710493	-2.499117	0.01245031	0.537621442
<i>CENPE</i>	-1.85636	0.742906	-2.498783	0.01246205	0.537621442
<i>IER3</i>	1.783737	0.713861	2.498717	0.0124644	0.537621442
<i>NXPH4</i>	-2.141789	0.857818	-2.496787	0.01253243	NA
<i>MBD6</i>	1.269334	0.508608	2.495703	0.01257078	0.540135859
<i>ENSG00000262049</i>	-0.662291	0.266119	-2.4887	0.01282112	0.540135859
<i>USP13</i>	-1.255952	0.504822	-2.487912	0.01284955	0.540135859
<i>C1QBP</i>	0.286962	0.115351	2.487731	0.01285608	0.540135859
<i>LSP1</i>	0.327184	0.131523	2.487652	0.01285896	0.540135859
<i>CXXC5</i>	-0.30879	0.124223	-2.485771	0.01292713	0.540135859
<i>TLR1</i>	-0.770746	0.310143	-2.485131	0.01295036	0.540135859
<i>DDX46</i>	-0.254497	0.102471	-2.483601	0.01300613	0.540135859
<i>PPM1B</i>	-0.448243	0.180498	-2.483371	0.01301455	0.540135859
<i>HSPA1A</i>	-1.885731	0.759922	-2.481479	0.01308384	0.540135859
<i>ENSG00000188206</i>	-0.502815	0.202753	-2.479935	0.01314065	0.540135859
<i>LINC01800</i>	-1.888924	0.761697	-2.479888	0.01314236	0.540135859
<i>PBXIP1</i>	-0.401042	0.161799	-2.478649	0.0131881	0.540135859
<i>HDAC9</i>	0.882529	0.356063	2.478574	0.01319086	0.540135859
<i>FEZ2</i>	-0.44044	0.17792	-2.475488	0.01330544	0.540135859
<i>EPHX2</i>	-1.925411	0.777863	-2.475258	0.01331399	0.540135859
<i>ZNF780A</i>	0.931144	0.376242	2.474854	0.01332908	0.540135859
<i>GIMAP4</i>	-2.639886	1.066905	-2.47434	0.01334825	NA
<i>PRKCB</i>	-0.285816	0.115605	-2.472346	0.01342295	0.540637122
<i>ZNF791</i>	0.342666	0.138619	2.471988	0.0134364	0.540637122
<i>NT5DC4</i>	-3.109179	1.258143	-2.471244	0.0134644	NA
<i>ENSG00000233184</i>	-0.655517	0.265483	-2.469152	0.01354336	0.54302211
<i>SPRYD7</i>	0.97612	0.395709	2.466765	0.01363397	0.544736783
<i>SPAG7</i>	-0.290466	0.117918	-2.463285	0.01376706	0.548131245
<i>ENSG00000267317</i>	-1.383111	0.562315	-2.459671	0.01390645	0.549544937
<i>PRRT3.AS1</i>	-1.716327	0.69817	-2.458323	0.01395875	0.549544937
<i>ZER1</i>	1.662651	0.676366	2.458211	0.0139631	0.549544937
<i>CRIPT</i>	0.537341	0.218665	2.457376	0.01399561	0.549544937
<i>MIXL1</i>	-1.824188	0.742341	-2.457344	0.01399685	NA
<i>NDUFB3</i>	0.332748	0.135837	2.449619	0.01430075	0.556958093
<i>KCNN1</i>	1.92106	0.784404	2.449069	0.01432258	0.556958093
<i>SLX4IP</i>	-0.706315	0.288455	-2.448611	0.01434084	0.556958093
<i>HEATR6</i>	1.503821	0.614542	2.447061	0.01440264	0.556958093
<i>SSBP3</i>	-0.897658	0.36693	-2.446403	0.01442897	0.556958093
<i>MAST1</i>	-1.96018	0.801618	-2.445278	0.01447403	NA
<i>OAZ1</i>	-0.147406	0.060327	-2.443454	0.01454744	0.558459605
<i>MRPL15</i>	0.664536	0.272237	2.441017	0.01464595	0.558459605

<i>ENSG00000258572</i>	-1.409511	0.577487	-2.440768	0.01465606	0.558459605
<i>PPP1R15A</i>	0.656213	0.268996	2.439494	0.01470786	0.558459605
<i>GYPE</i>	0.241361	0.098944	2.439365	0.01471308	0.558459605
<i>PHF21A</i>	-0.443835	0.182088	-2.437484	0.01478987	0.559509206
<i>ENSG00000257275</i>	-0.470473	0.193314	-2.433717	0.01494467	0.562066958
<i>BCL11A</i>	-0.278942	0.114629	-2.433438	0.0149562	0.562066958
<i>YES1</i>	-1.868039	0.769018	-2.429123	0.0151354	NA
<i>LINC02391</i>	-1.714081	0.705684	-2.428963	0.01514209	0.567180978
<i>VSIG1</i>	-2.510084	1.03408	-2.42736	0.01520915	NA
<i>PFDN1</i>	-0.326213	0.13441	-2.426996	0.01522442	0.567556563
<i>D2HGDH</i>	-0.844451	0.348034	-2.426344	0.01525181	0.567556563
<i>ENSG00000268439</i>	-1.227701	0.506693	-2.42297	0.01539421	0.57098962
<i>CACNB1</i>	-1.934391	0.799557	-2.419329	0.01554918	NA
<i>SYK</i>	-0.302703	0.125331	-2.415217	0.01572583	0.579599439
<i>NANS</i>	0.755806	0.312942	2.415164	0.01572813	0.579599439
<i>ENSG00000259802</i>	-1.923628	0.797477	-2.412142	0.01585909	0.582540168
<i>SRSF7</i>	-0.25287	0.104958	-2.409257	0.01598503	0.585278215
<i>PKN3</i>	-2.042917	0.848689	-2.407144	0.01607783	NA
<i>CD180</i>	0.595168	0.247401	2.405687	0.0161421	0.587786498
<i>SEC23B</i>	1.289462	0.53608	2.405355	0.01615677	0.587786498
<i>FUZ</i>	1.042957	0.434016	2.403037	0.01625954	0.588415441
<i>ARAP2</i>	-0.506704	0.210895	-2.402635	0.01627741	0.588415441
<i>DMXL2</i>	-2.255961	0.939213	-2.401969	0.01630711	NA
<i>ATMIN</i>	-0.721158	0.300369	-2.400907	0.01635448	0.58933053
<i>ASNS</i>	-0.769923	0.320877	-2.399435	0.0164204	0.589839396
<i>L3MBTL3</i>	-0.703059	0.293314	-2.396953	0.01653205	0.591861474
<i>C21orf62</i>	-0.880485	0.3675	-2.395877	0.01658065	0.591861474
<i>ENSG00000226310</i>	-1.794859	0.749512	-2.394703	0.01663385	NA
<i>SREK1</i>	-0.377354	0.157848	-2.390615	0.01682018	0.595539551
<i>TAGLN2</i>	0.222726	0.093249	2.38851	0.01691683	0.595539551
<i>RANBP2</i>	-0.530615	0.222172	-2.388309	0.0169261	0.595539551
<i>SHARPIN</i>	-0.376825	0.157861	-2.387068	0.01698333	0.595539551
<i>ZNF165</i>	1.449335	0.607317	2.386454	0.01701171	0.595539551
<i>BANK1</i>	-0.299113	0.125366	-2.385909	0.01703696	0.595539551
<i>ARMH1</i>	-1.015319	0.425597	-2.385632	0.01704978	0.595539551
<i>ENSG00000260267</i>	-1.123065	0.471287	-2.382973	0.01717346	0.597037336
<i>PRPF38B</i>	-0.24768	0.10396	-2.382457	0.01719753	0.597037336
<i>GPBP1</i>	-0.228193	0.095856	-2.38057	0.01728587	0.597117947
<i>ENSG00000269399</i>	1.635743	0.687374	2.379698	0.01732683	0.597117947
<i>RAB39B</i>	-0.778586	0.327267	-2.379053	0.01735717	0.597117947
<i>ENSG00000267811</i>	-1.800522	0.757536	-2.376812	0.01746298	0.598948651
<i>TUSC2</i>	-0.379092	0.159664	-2.374302	0.01758217	0.601225685
<i>SLC16A11</i>	1.171932	0.493833	2.373136	0.01763779	0.601321783
<i>VNN2</i>	0.705394	0.29787	2.368126	0.01787846	0.607707439
<i>SNTB1</i>	-2.357717	0.995921	-2.367373	0.01791488	NA
<i>BCDIN3D</i>	-0.603855	0.255254	-2.365705	0.01799576	0.608692929
<i>AHSA2P</i>	-0.566307	0.23942	-2.365323	0.01801436	0.608692929

<i>YIPF2</i>	1.167042	0.494045	2.362216	0.01816607	0.610045912
<i>HES1</i>	-1.084546	0.459317	-2.361215	0.01821518	0.610045912
<i>ENSG00000261386</i>	-0.545494	0.231121	-2.360205	0.01826485	0.610045912
<i>ESCO1</i>	-0.422674	0.17909	-2.360127	0.0182687	0.610045912
<i>GTPBP2</i>	-0.9543	0.404799	-2.357465	0.01840019	0.612640203
<i>SNX9</i>	0.60707	0.257914	2.353773	0.01858398	0.616705298
<i>ENSG00000229729</i>	-0.982885	0.417901	-2.351958	0.01867487	0.616705298
<i>ZNF837</i>	-0.79659	0.338959	-2.350107	0.01876802	0.616705298
<i>HAVCR2</i>	-1.904016	0.810777	-2.348383	0.01885513	NA
<i>VASH1</i>	-1.959421	0.834457	-2.34814	0.01886745	NA
<i>TMEM115</i>	0.797799	0.339791	2.347909	0.01887911	0.616705298
<i>TYW1B</i>	-1.141883	0.486483	-2.347221	0.01891404	0.616705298
<i>ENSG00000273466</i>	-1.763636	0.751815	-2.345839	0.01898429	0.616705298
<i>PGD</i>	-0.5973	0.254629	-2.345771	0.01898776	0.616705298
<i>SNX19</i>	-0.769842	0.328499	-2.343513	0.0191031	0.616705298
<i>MRPS18C</i>	-0.24835	0.106007	-2.342782	0.01914056	0.616705298
<i>APLF</i>	-1.227165	0.523858	-2.342551	0.01915243	0.616705298
<i>NSMCE1</i>	0.435625	0.186014	2.341898	0.01918598	0.616705298
<i>JMJD1C.AS1</i>	-2.180158	0.931096	-2.341496	0.01920662	NA
<i>EMC8</i>	-0.579988	0.247704	-2.341456	0.0192087	0.616705298
<i>SNAI3.AS1</i>	-1.18126	0.504738	-2.34034	0.0192662	0.616705298
<i>TOP1MT</i>	-0.599403	0.256187	-2.339712	0.01929864	0.616705298
<i>CD47</i>	-0.269569	0.115249	-2.339015	0.01933466	0.616705298
<i>DSCR9</i>	-1.823468	0.780233	-2.337081	0.01943496	NA
<i>ENSG00000259943</i>	-0.762833	0.326944	-2.333224	0.01963641	0.621176303
<i>CHTF8</i>	-0.368415	0.157906	-2.333125	0.01964161	0.621176303
<i>CD5</i>	-1.09205	0.468225	-2.332318	0.01968395	0.621176303
<i>FNBP1</i>	0.339	0.145425	2.331109	0.01974763	0.621176303
<i>USF3</i>	-0.389961	0.167305	-2.33084	0.01976182	0.621176303
<i>WHAMM</i>	0.90121	0.386773	2.330076	0.01980214	0.621176303
<i>PRXL2A</i>	0.769986	0.330648	2.32872	0.01987391	0.621714783
<i>PQLC3</i>	-0.569706	0.244788	-2.327342	0.01994708	0.62229416
<i>TPCN1</i>	0.635103	0.27331	2.323743	0.02013926	0.624928308
<i>TSR2</i>	0.428168	0.184261	2.323706	0.02014127	0.624928308
<i>TLE4</i>	-0.506999	0.218359	-2.321862	0.02024036	0.626296139
<i>RNF157</i>	-1.93675	0.83446	-2.320961	0.02028895	NA
<i>DCXR.DT</i>	-1.560416	0.672405	-2.32065	0.02030577	0.626617294
<i>SOX5</i>	-2.998396	1.292286	-2.320227	0.02032862	NA
<i>ENSG00000268292</i>	-1.684873	0.726772	-2.318298	0.02043315	NA
<i>MTHFD2L</i>	-0.562359	0.24271	-2.317005	0.02050347	0.631008009
<i>NAA10</i>	-0.279574	0.120804	-2.314279	0.02065243	0.632744357
<i>ARSA</i>	-0.79951	0.345519	-2.31394	0.02067102	0.632744357
<i>LBX2.AS1</i>	-2.475568	1.070149	-2.313292	0.02070657	NA
<i>SNX21</i>	-1.937744	0.83801	-2.312315	0.0207603	NA
<i>ENSG00000244198</i>	-1.486913	0.643206	-2.311722	0.02079299	0.63477152
<i>GNG4</i>	-3.401706	1.47199	-2.310957	0.02083524	NA
<i>DUSP2</i>	-1.827935	0.791022	-2.310851	0.02084106	NA

<i>ENSG00000277369</i>	-1.865815	0.808178	-2.308669	0.02096195	NA
<i>ENSG00000237481</i>	-1.732902	0.750652	-2.308528	0.02096981	NA
<i>TBC1D16</i>	-1.351839	0.585711	-2.30803	0.02099745	0.639299353
<i>PPP1R14B</i>	-0.670838	0.291082	-2.304639	0.02118681	0.643344403
<i>TMEM206</i>	-0.732753	0.318222	-2.30265	0.02129856	0.645017935
<i>ENSG00000278668</i>	-1.547737	0.672923	-2.300022	0.02144697	0.646541705
<i>PRKAR2A.AS1</i>	-1.653119	0.718785	-2.299881	0.02145499	NA
<i>PDHA1</i>	0.677676	0.294676	2.299731	0.02146347	0.646541705
<i>TNIP2</i>	0.58193	0.253151	2.298749	0.02151922	0.646541705
<i>RAB5A</i>	-0.44363	0.193379	-2.294099	0.02178483	0.650060218
<i>LYG1</i>	-1.62115	0.706721	-2.293904	0.02179601	0.650060218
<i>PTMS</i>	-1.651829	0.720303	-2.293241	0.02183415	0.650060218
<i>RBM8A</i>	-0.214662	0.093631	-2.292646	0.0218684	0.650060218
<i>CHRAC1</i>	-0.422853	0.184513	-2.291721	0.02192176	0.650060218
<i>PACS1</i>	0.468456	0.204753	2.287903	0.02214318	0.654121726
<i>UTRN</i>	-0.444459	0.194309	-2.287381	0.02217362	0.654121726
<i>NAA40</i>	1.110652	0.486254	2.2841	0.02236566	0.658082089
<i>EXD3</i>	-0.707254	0.309828	-2.282731	0.02244622	0.658750184
<i>ZNF563</i>	0.84654	0.371169	2.280743	0.02256365	0.659488106
<i>NAPA</i>	-0.445472	0.195421	-2.279548	0.02263453	0.659488106
<i>ACTG1</i>	0.427215	0.187427	2.27937	0.02264511	0.659488106
<i>P3H4</i>	-1.600333	0.702678	-2.277477	0.02275777	0.659806978
<i>ENSG00000254427</i>	-1.477257	0.648773	-2.277001	0.02278616	0.659806978
<i>ZNF568</i>	0.84888	0.372926	2.276269	0.02282989	0.659806978
<i>PTCD2</i>	-0.784207	0.344726	-2.274869	0.02291377	0.659899239
<i>DENND1A</i>	-0.967658	0.425717	-2.273007	0.02302574	0.659899239
<i>HSPA1B</i>	-2.214868	0.974792	-2.272144	0.02307781	0.659899239
<i>ABCB1</i>	0.695688	0.306405	2.270486	0.02317813	0.659899239
<i>ZCCHC18</i>	-0.555648	0.244757	-2.270205	0.02319515	0.659899239
<i>PLEKHN1</i>	-1.638242	0.722099	-2.268724	0.02328514	0.659899239
<i>FLT1</i>	-1.471556	0.650012	-2.263892	0.02358079	0.659899239
<i>LMNB2</i>	-1.237817	0.546824	-2.263651	0.0235956	0.659899239
<i>MTA1</i>	-0.68586	0.303162	-2.262353	0.02367562	0.659899239
<i>NDUFS7</i>	0.29793	0.131757	2.261205	0.02374659	0.659899239
<i>ERAP1</i>	0.630575	0.278879	2.261106	0.02375267	0.659899239
<i>FXYS5</i>	-0.216566	0.095783	-2.261009	0.02375873	0.659899239
<i>IL27RA</i>	0.565003	0.25007	2.259379	0.02385985	0.659899239
<i>NFYC</i>	-0.411114	0.18209	-2.257753	0.02396106	0.659899239
<i>RBM45</i>	-0.786269	0.34827	-2.257644	0.02396786	0.659899239
<i>AP3B1</i>	0.490303	0.217593	2.253298	0.02424037	0.659899239
<i>TXLNB</i>	-1.37567	0.610549	-2.253171	0.02424838	0.659899239
<i>RPE</i>	-0.690506	0.306461	-2.25316	0.02424904	0.659899239
<i>LINC01410</i>	-1.688032	0.749791	-2.251338	0.02436414	0.659899239
<i>HSBP1</i>	-0.283658	0.126013	-2.251023	0.02438405	0.659899239
<i>MOB4</i>	0.427148	0.189798	2.250543	0.02441449	0.659899239
<i>IFT27</i>	0.684514	0.30445	2.248363	0.02455307	0.659899239
<i>MIR4453HG</i>	-0.833863	0.370883	-2.248319	0.02455584	0.659899239

<i>CADM4</i>	-1.95502	0.869663	-2.248019	0.02457495	NA
<i>RPTOR</i>	-1.030826	0.458903	-2.246284	0.02468584	0.659899239
<i>PHF13</i>	-0.938354	0.417875	-2.245538	0.02473359	0.659899239
<i>KLF12</i>	0.957005	0.426221	2.245329	0.02474705	0.659899239
<i>RPL37A</i>	0.118753	0.052907	2.244569	0.0247958	0.659899239
<i>APOLD1</i>	0.565597	0.252124	2.243326	0.0248758	0.659899239
<i>ST13</i>	-0.190455	0.084903	-2.243217	0.0248828	0.659899239
<i>THG1L</i>	0.726327	0.323832	2.242917	0.02490217	0.659899239
<i>C1GALT1</i>	-0.438612	0.195568	-2.242763	0.02491213	0.659899239
<i>SMG7</i>	-0.549163	0.245144	-2.240168	0.02508005	0.659899239
<i>ENSG00000255320</i>	-2.056687	0.918171	-2.239981	0.02509213	0.659899239
<i>LY96</i>	0.665945	0.297349	2.239607	0.02511645	0.659899239
<i>HIPK1</i>	-0.719453	0.321251	-2.239533	0.02512127	0.659899239
<i>CFLAR</i>	0.426647	0.190517	2.23942	0.02512862	0.659899239
<i>BOD1L1</i>	0.35416	0.158182	2.238938	0.02515992	0.659899239
<i>ZC3H10</i>	0.963522	0.430448	2.238414	0.02519404	0.659899239
<i>TIGAR</i>	-0.801247	0.357997	-2.238137	0.0252121	0.659899239
<i>LINC00513</i>	0.479778	0.214408	2.237686	0.02524154	0.659899239
<i>ENSG00000272563</i>	-1.878373	0.839427	-2.237683	0.02524172	NA
<i>FOSB</i>	-1.723031	0.770217	-2.237072	0.02528161	0.659899239
<i>PCDH9</i>	-0.417456	0.18661	-2.237045	0.02528337	0.659899239
<i>TACC1</i>	-0.472141	0.211116	-2.236409	0.02532502	0.659899239
<i>ECHS1</i>	0.419097	0.187978	2.2295	0.02578062	0.665630252
<i>SDHC</i>	0.312849	0.140335	2.229303	0.02579373	0.665630252
<i>SPATS2</i>	-0.46722	0.209593	-2.229175	0.02580227	0.665630252
<i>TOR4A</i>	-0.91581	0.410866	-2.228972	0.02581574	0.665630252
<i>MIR222HG</i>	-1.221936	0.548488	-2.227826	0.02589215	0.665630252
<i>DOCK6</i>	-1.738165	0.780525	-2.226917	0.02595281	NA
<i>DBF4</i>	-0.525369	0.236141	-2.22481	0.02609398	0.665630252
<i>IRF2BP2</i>	0.6399	0.287704	2.22416	0.0261377	0.665630252
<i>GALC</i>	-1.036991	0.466504	-2.222897	0.02622275	0.665630252
<i>ENSG00000267042</i>	-1.717358	0.77282	-2.222197	0.02626998	0.665630252
<i>KIAA0355</i>	-0.365163	0.164341	-2.221981	0.02628461	0.665630252
<i>PTGR2</i>	1.472803	0.662854	2.221912	0.02628928	0.665630252
<i>PKN1</i>	0.537444	0.241889	2.221861	0.0262927	0.665630252
<i>BLVRB</i>	0.792377	0.356657	2.221681	0.02630488	0.665630252
<i>CFL1</i>	-0.160823	0.072468	-2.219218	0.02647192	0.66723237
<i>DPH1</i>	-1.565162	0.705366	-2.218936	0.02649105	NA
<i>CENPN</i>	-1.018731	0.459461	-2.217232	0.02660727	0.66723237
<i>GP1BA</i>	-1.364741	0.615647	-2.216759	0.02663954	0.66723237
<i>ENSG00000279278</i>	0.739701	0.333953	2.214987	0.02676094	0.66723237
<i>MRM1</i>	1.632328	0.737005	2.214813	0.02677291	0.66723237
<i>E2F4</i>	-0.372898	0.168502	-2.213013	0.02689675	0.66723237
<i>TMEM217</i>	-2.491155	1.125856	-2.212678	0.02691988	NA
<i>DDA1</i>	-0.43813	0.198019	-2.212561	0.02692794	0.66723237
<i>COG3</i>	-0.650971	0.294223	-2.21251	0.02693145	0.66723237
<i>ICAM2</i>	0.465149	0.210264	2.212219	0.02695154	0.66723237

FAM89A	-1.424404	0.644089	-2.211504	0.02700099	0.66723237
RESF1	-0.275407	0.124543	-2.211334	0.02701275	0.66723237
ENSG00000261684	-1.885435	0.853384	-2.209364	0.02714931	NA
LRP5	-1.803913	0.817058	-2.207815	0.02725719	NA
ZNF2	1.564225	0.708727	2.20709	0.02730775	0.671174561
DGUOK	-0.237465	0.107627	-2.206375	0.02735772	0.671174561
PLP2	-0.382655	0.17346	-2.206012	0.02738314	0.671174561
TAF4B	1.207808	0.548179	2.203309	0.02757297	0.671174561
PAXBP1	-0.707881	0.321359	-2.202774	0.02761069	0.671174561
NKTR	-0.301174	0.136726	-2.202763	0.02761149	0.671174561
POMT2	-1.285093	0.583491	-2.20242	0.02763566	0.671174561
PARP16	1.173203	0.532912	2.201496	0.02770092	0.671174561
CCR7	0.247423	0.11243	2.20069	0.02775798	0.671174561
ZNF721	-0.397161	0.180582	-2.199336	0.02785407	0.671174561
UBL7	0.371226	0.168794	2.199288	0.02785747	0.671174561
ENSG00000250155	-1.903804	0.865795	-2.19891	0.02788432	NA
CAMSAP2	-2.572131	1.169967	-2.198465	0.02791598	NA
CAPN7	0.77386	0.352143	2.197572	0.02797959	0.671174561
POU2F2	-0.19921	0.090718	-2.195913	0.02809814	0.671174561
DDX60L	-0.617902	0.281422	-2.195642	0.02811756	0.671174561
AHCYL2	-1.360983	0.619928	-2.19539	0.02813567	0.671174561
SMARCE1	-0.261218	0.118985	-2.195378	0.02813647	0.671174561
TFEC	-2.31054	1.052605	-2.195069	0.02815868	NA
GDPD5	-1.898826	0.865128	-2.19485	0.02817436	0.671174561
HP1BP3	-0.221554	0.101048	-2.192561	0.02833904	0.672564676
LYSMD3	-0.665121	0.303381	-2.19236	0.0283535	0.672564676
ENSG00000224934	-1.704545	0.777612	-2.192025	0.02837774	NA
TAB1	1.111974	0.507385	2.191579	0.02840991	0.672564676
TMEM251	0.73956	0.337781	2.189466	0.02856302	0.674786474
ENSG00000248734	-1.999353	0.913338	-2.189061	0.02859239	NA
TMEM79	1.054428	0.481943	2.187869	0.02867918	0.676127881
GSEC	-1.800759	0.823425	-2.186913	0.02874891	NA
CNP	0.448747	0.205247	2.186373	0.02878834	0.676292736
NDUFS5	0.230537	0.105511	2.184968	0.02889121	0.676292736
PIP4K2A	-0.382062	0.174863	-2.184922	0.02889457	0.676292736
FCRL1	0.522213	0.239051	2.184524	0.02892373	0.676292736
LARP7	-0.333103	0.152551	-2.183556	0.0289949	0.676567527
ENSG00000251136	1.198885	0.54956	2.181537	0.02914375	0.677291172
AGRN	-1.331841	0.61051	-2.181521	0.02914487	0.677291172
AMDHD1	-2.050631	0.941029	-2.179136	0.02932154	NA
PCM1	-0.282266	0.129618	-2.177678	0.02943	0.681395336
RPS4Y2	-1.367754	0.628122	-2.177528	0.02944116	0.681395336
TPP1	0.407964	0.187423	2.176705	0.02950258	0.681431691
SF3B1	-0.256732	0.117996	-2.175762	0.02957308	0.681677406
FCGR2A	-2.585582	1.188718	-2.175101	0.02962255	NA
RGS12	-1.181069	0.543229	-2.174163	0.0296929	0.683056734
GNG11	-1.078414	0.496295	-2.172929	0.02978564	0.68380865



<i>ENSG00000269051</i>	-1.571159	0.723785	-2.170753	0.02994984	0.684942119
<i>EGR1</i>	-1.739952	0.80157	-2.170681	0.02995532	0.684942119
<i>TUBB4A</i>	-1.962094	0.904039	-2.170364	0.02997926	NA
<i>NEU3</i>	-1.146811	0.528513	-2.169884	0.03001567	0.684946708
<i>SYT1</i>	-2.398898	1.106947	-2.16713	0.03022495	NA
<i>MAT2A</i>	-0.320607	0.147971	-2.166687	0.03025873	0.689112236
<i>RRS1</i>	0.753775	0.348235	2.164558	0.03042159	0.689304536
<i>TNNC2</i>	-1.364012	0.630284	-2.164124	0.03045486	0.689304536
<i>TRIM2</i>	-1.596485	0.737907	-2.163531	0.03050033	0.689304536
<i>ENSG00000278238</i>	-1.193392	0.551741	-2.162958	0.0305444	0.689304536
<i>NUP37</i>	0.716347	0.331413	2.161491	0.0306574	0.689304536
<i>TAB3</i>	1.369841	0.633961	2.160767	0.03071337	0.689304536
<i>ENSG00000272540</i>	-1.64009	0.759102	-2.160565	0.03072894	NA
<i>ENSG00000272004</i>	-1.503122	0.696204	-2.159026	0.03084816	0.689304536
<i>CDK5R1</i>	-2.309481	1.069795	-2.158806	0.0308652	NA
<i>DUSP16</i>	-2.52136	1.167974	-2.158747	0.03086978	NA
<i>PILRA</i>	-1.716363	0.795219	-2.158352	0.03090045	NA
<i>SMCHD1</i>	-0.235404	0.109114	-2.157423	0.03097268	0.689304536
<i>YWHAB</i>	-0.199066	0.092271	-2.157393	0.03097505	0.689304536
<i>UBP1</i>	-0.755285	0.350137	-2.157115	0.03099672	0.689304536
<i>DIS3L</i>	0.743888	0.344863	2.157056	0.03100133	0.689304536
<i>FAM41C</i>	-0.826608	0.383495	-2.155461	0.0311258	0.689304536
<i>ENSG00000234290</i>	-1.829402	0.848746	-2.155418	0.03112912	NA
<i>SRPK1</i>	0.604246	0.280394	2.154993	0.03116237	0.689304536
<i>ANKDD1A</i>	-1.54105	0.715233	-2.154614	0.03119206	0.689304536
<i>LINC01134</i>	-1.427557	0.662638	-2.154354	0.03121246	0.689304536
<i>L3MBTL1</i>	-0.99065	0.4599	-2.154057	0.03123572	0.689304536
<i>SUSD3</i>	-0.404371	0.187943	-2.151569	0.03143134	0.6894829
<i>TYMP</i>	0.503205	0.234208	2.148536	0.03167117	0.6894829
<i>ZNF362</i>	-0.736137	0.342639	-2.148433	0.03167936	0.6894829
<i>RPL22</i>	0.118238	0.055043	2.148109	0.03170508	0.6894829
<i>FAM111A</i>	-0.452441	0.210713	-2.14719	0.03177814	0.6894829
<i>USP31</i>	-1.255672	0.585036	-2.146315	0.03184783	0.6894829
<i>RABGGTA</i>	0.744612	0.346971	2.146038	0.03186994	0.6894829
<i>SAR1B</i>	-0.522322	0.24341	-2.145855	0.03188458	0.6894829
<i>GMEB1</i>	0.578731	0.269726	2.145624	0.031903	0.6894829
<i>PRDM2</i>	-0.249221	0.116186	-2.145013	0.03195184	0.6894829
<i>ARHGAP9</i>	0.356961	0.166514	2.143733	0.03205431	0.6894829
<i>ELMO3</i>	-1.116766	0.520956	-2.143686	0.03205809	0.6894829
<i>P2RX1</i>	0.712146	0.332281	2.143203	0.03209683	0.6894829
<i>MAATS1</i>	-2.023426	0.944487	-2.142355	0.03216489	NA
<i>ARID2</i>	-0.495741	0.231432	-2.142064	0.03218837	0.6894829
<i>C1orf21</i>	-2.971906	1.388085	-2.141011	0.03227314	NA
<i>GDI2</i>	0.26631	0.124392	2.140892	0.03228275	0.6894829
<i>LSM12</i>	-0.418613	0.195537	-2.140835	0.03228737	0.6894829
<i>LSM11</i>	-1.102105	0.514856	-2.140607	0.03230571	0.6894829
<i>HSD3B7</i>	-2.163566	1.01075	-2.140555	0.03230995	NA

<i>CTSZ</i>	0.393507	0.183859	2.140261	0.0323337	0.6894829
<i>COL18A1</i>	-2.465398	1.152334	-2.139483	0.03239655	NA
<i>ENSG00000236617</i>	-1.564454	0.73159	-2.138431	0.03248175	NA
<i>MAPK3</i>	0.85259	0.398937	2.137155	0.03258537	0.693550617
<i>ENSG00000276216</i>	-1.651082	0.772824	-2.136426	0.03264472	NA
<i>ZNF653</i>	-1.235282	0.578236	-2.136294	0.03265543	0.693745081
<i>PRR14</i>	-0.37983	0.177967	-2.134273	0.03282048	0.693803074
<i>BMPR2</i>	0.896086	0.419901	2.13404	0.03283953	0.693803074
<i>PGM1</i>	-0.713674	0.334427	-2.134022	0.03284095	0.693803074
<i>ERAL1</i>	-0.561169	0.263236	-2.131814	0.03302218	0.693895289
<i>CLCN6</i>	0.859149	0.403061	2.131561	0.03304293	0.693895289
<i>FAM3A</i>	-0.457097	0.21445	-2.131487	0.03304904	0.693895289
<i>C1RL.AS1</i>	1.557306	0.730958	2.130499	0.03313046	0.693895289
<i>C21orf58</i>	-1.06669	0.500777	-2.130071	0.03316574	0.693895289
<i>IMPDH1</i>	0.802704	0.376941	2.129524	0.03321094	0.693895289
<i>EDN1</i>	-2.011547	0.946179	-2.125968	0.03350589	NA
<i>CIAO1</i>	-0.460967	0.217123	-2.12307	0.03374796	0.7038242
<i>THADA</i>	-0.582443	0.274905	-2.118708	0.03411514	0.704196182
<i>UCP3</i>	-1.447442	0.683279	-2.118376	0.03414325	0.704196182
<i>NT5C</i>	-0.304044	0.143549	-2.118049	0.0341709	0.704196182
<i>ENSG00000269910</i>	-1.892038	0.893297	-2.118038	0.03417186	NA
<i>TAF1A</i>	1.114823	0.526601	2.117015	0.03425862	0.704196182
<i>ENSG00000259888</i>	-2.640074	1.247196	-2.116808	0.03427616	NA
<i>LTBP4</i>	0.935006	0.442043	2.115192	0.03441355	0.704196182
<i>S1PR1</i>	-0.357955	0.169261	-2.11481	0.03444612	0.704196182
<i>FAM81A</i>	-1.577	0.746135	-2.11356	0.03455287	NA
<i>C17orf67</i>	-1.006031	0.476452	-2.111503	0.03472912	0.704196182
<i>ENSG00000247363</i>	-1.200022	0.568358	-2.111384	0.0347393	0.704196182
<i>ZNF606</i>	-0.420954	0.199446	-2.110619	0.03480507	0.704196182
<i>LINC01521</i>	-1.055928	0.50031	-2.110549	0.0348111	0.704196182
<i>NAT9</i>	-0.404117	0.191512	-2.110141	0.0348462	0.704196182
<i>GIT2</i>	0.328878	0.155958	2.108763	0.03496504	0.704196182
<i>DDX47</i>	-1.235052	0.586051	-2.107413	0.03508183	0.704196182
<i>ZNF182</i>	-0.7312	0.347011	-2.107138	0.03510558	0.704196182
<i>ENSG00000232533</i>	1.427488	0.677481	2.107055	0.03511285	0.704196182
<i>USP4</i>	0.561046	0.266285	2.106934	0.03512333	0.704196182
<i>DOCK5</i>	-1.663217	0.790353	-2.104399	0.03534367	0.704196182
<i>SLF1</i>	0.591046	0.280942	2.103796	0.03539624	0.704196182
<i>TMED4</i>	-0.291818	0.138774	-2.102839	0.03547984	0.704196182
<i>SLC30A1</i>	-1.249182	0.594081	-2.102713	0.03549087	0.704196182
<i>GINM1</i>	-0.437584	0.208134	-2.102412	0.0355172	0.704196182
<i>ZNF280B</i>	-0.822919	0.391516	-2.101879	0.03556388	0.704196182
<i>BAZ2A</i>	-0.259785	0.123646	-2.101039	0.03563755	0.704196182
<i>RPS6</i>	0.130908	0.062341	2.099878	0.03573955	0.704196182
<i>ARHGAP22</i>	-1.347964	0.641994	-2.099652	0.0357595	0.704196182
<i>MEF2A</i>	0.43563	0.207533	2.099085	0.03580939	0.704196182
<i>UAP1</i>	-0.588977	0.280611	-2.098912	0.03582468	0.704196182

<i>ENSG00000258768</i>	-1.275899	0.60795	-2.09869	0.03584424	0.704196182
<i>SLC17A5</i>	1.231152	0.586819	2.098008	0.03590442	0.704196182
<i>MAP3K11</i>	0.568674	0.271135	2.09738	0.03595993	0.704196182
<i>PEAK3</i>	-1.49946	0.714971	-2.097232	0.03597301	0.704196182
<i>SMAP1</i>	-0.352075	0.167882	-2.097153	0.03597999	0.704196182
<i>ZNF543</i>	-0.80181	0.382459	-2.096458	0.0360416	0.704196182
<i>ENSG00000273319</i>	0.346128	0.165117	2.096257	0.03605936	0.704196182
<i>PRELID2</i>	-1.095932	0.52291	-2.095833	0.03609699	0.704196182
<i>CD3EAP</i>	1.257697	0.600225	2.095376	0.03613755	0.704196182
<i>NGLY1</i>	-0.262321	0.125197	-2.095258	0.03614805	0.704196182
<i>ENSG00000223821</i>	-1.388817	0.662876	-2.095139	0.03615861	0.704196182
<i>CPNE5</i>	0.614822	0.293482	2.094925	0.03617764	0.704196182
<i>EFCAB13</i>	-0.837672	0.400312	-2.092547	0.03638958	0.705192613
<i>RGP1</i>	-0.381159	0.182182	-2.092184	0.03642209	0.705192613
<i>CLDND2</i>	1.261046	0.603126	2.09085	0.03654148	0.705192613
<i>PRDM4</i>	0.858006	0.410402	2.09065	0.03655944	0.705192613
<i>C15orf62</i>	-0.825882	0.395072	-2.090462	0.03657635	0.705192613
<i>AP1G2</i>	-0.300823	0.143954	-2.08971	0.03664385	0.705192613
<i>FMO4</i>	-1.369492	0.655415	-2.089504	0.03666234	0.705192613
<i>ATP6V1E1</i>	0.433479	0.207537	2.088688	0.03673586	0.705415216
<i>TYSND1</i>	0.878365	0.420725	2.087741	0.03682119	0.705863384
<i>LMO7</i>	-0.78062	0.374096	-2.086685	0.03691661	0.706503326
<i>ADAM9</i>	-1.848007	0.885877	-2.086077	0.03697162	NA
<i>FBXO5</i>	1.000934	0.479952	2.085489	0.03702489	0.707386682
<i>MYBL1</i>	-1.529004	0.733891	-2.083422	0.03721276	0.709774252
<i>AKAP17A</i>	-0.337113	0.16196	-2.081454	0.03739239	0.709774252
<i>OSM</i>	-1.577968	0.758301	-2.080925	0.03744077	0.709774252
<i>ZNF146</i>	-0.377569	0.181446	-2.080893	0.03744372	0.709774252
<i>FAM230J</i>	-1.572793	0.755972	-2.08049	0.03748064	0.709774252
<i>C8orf37</i>	-1.042266	0.501085	-2.080018	0.03752385	0.709774252
<i>RHOA</i>	0.201274	0.096809	2.079086	0.03760945	0.709961027
<i>ENSG00000251417</i>	-1.504543	0.723844	-2.078545	0.03765916	NA
<i>ATP2C1</i>	0.885978	0.426275	2.078419	0.03767077	0.709961027
<i>SCAND1</i>	0.244952	0.118013	2.075643	0.03792701	0.709961027
<i>SLC23A2</i>	1.117248	0.538267	2.075637	0.03792755	0.709961027
<i>ELMSAN1</i>	-0.317193	0.152835	-2.075396	0.03794982	0.709961027
<i>ANK1</i>	-1.327126	0.639597	-2.074942	0.03799193	0.709961027
<i>ATP6V1C2</i>	-1.530569	0.738351	-2.072957	0.0381763	0.709961027
<i>RABAC1</i>	0.225555	0.108817	2.072792	0.03819161	0.709961027
<i>AZIN1</i>	0.55654	0.268511	2.072693	0.03820087	0.709961027
<i>TTC30A</i>	-1.561307	0.753291	-2.072649	0.03820499	0.709961027
<i>YDJC</i>	-0.323752	0.15625	-2.072016	0.03826395	0.709961027
<i>WRNIP1</i>	1.108753	0.535296	2.071291	0.03833164	0.709961027
<i>ARF5</i>	-0.287739	0.138927	-2.071156	0.03834426	0.709961027
<i>CASD1</i>	-0.649313	0.313677	-2.070001	0.03845227	0.710016833
<i>CNOT11</i>	-0.588521	0.28437	-2.069564	0.03849319	0.710016833
<i>ZNF561</i>	0.646407	0.312406	2.069125	0.03853433	0.710016833

<i>ANKRD28</i>	0.961773	0.465639	2.065493	0.03887638	0.714167523
<i>MAP2K6</i>	-1.365669	0.661241	-2.06531	0.03889368	0.714167523
<i>METTL7A</i>	0.411379	0.199254	2.064599	0.03896097	0.714167523
<i>ENSG00000276718</i>	-1.649323	0.798957	-2.064346	0.0389849	NA
<i>NCF1</i>	0.184135	0.089243	2.063304	0.03908378	0.714167523
<i>GGA2</i>	0.263789	0.127916	2.062215	0.03918723	0.714167523
<i>TMBIM1</i>	-0.419115	0.203281	-2.061754	0.03923119	0.714167523
<i>BBS4</i>	0.885316	0.429445	2.061538	0.03925178	0.714167523
<i>C6orf52</i>	-1.573911	0.763502	-2.061437	0.03926134	0.714167523
<i>HAL</i>	-1.588908	0.771341	-2.059931	0.03940516	0.714645898
<i>TESPA1</i>	0.996182	0.48362	2.059847	0.03941316	0.714645898
<i>SCRN2</i>	-0.466816	0.226721	-2.058984	0.03949579	0.715005713
<i>INKA1</i>	-0.458592	0.222916	-2.057238	0.03966338	0.716899903
<i>ARRDC3</i>	0.440062	0.214088	2.05552	0.03982881	0.717022016
<i>AP1M1</i>	-0.393735	0.19156	-2.055412	0.03983919	0.717022016
<i>C19orf66</i>	0.322227	0.156785	2.055207	0.03985904	0.717022016
<i>MIER1</i>	-0.350878	0.170825	-2.054017	0.039974	0.717955812
<i>ENSG00000258944</i>	-1.549733	0.754791	-2.053194	0.04005376	NA
<i>TMCC3</i>	-1.494838	0.728073	-2.053143	0.04005869	NA
<i>ZNF442</i>	-1.265285	0.617119	-2.050309	0.04033431	0.721999775
<i>BCAT1</i>	-2.447301	1.194789	-2.048312	0.04052944	NA
<i>TOB1</i>	0.834748	0.407931	2.046297	0.04072711	0.721999775
<i>DDX59</i>	0.755326	0.369139	2.046186	0.04073808	0.721999775
<i>NDUFB6</i>	0.411155	0.200999	2.045562	0.04079948	0.721999775
<i>EIF3M</i>	0.224352	0.109705	2.045052	0.0408497	0.721999775
<i>COX10</i>	-0.870564	0.425837	-2.04436	0.04091799	0.721999775
<i>ENSG00000203546</i>	-1.128706	0.552248	-2.043839	0.04096947	0.721999775
<i>SYT15</i>	-1.416541	0.693117	-2.043724	0.04098081	0.721999775
<i>NQO1</i>	-1.385863	0.67821	-2.043412	0.04101166	0.721999775
<i>EMC6</i>	-0.340082	0.166437	-2.043305	0.04102227	0.721999775
<i>LBR</i>	0.355334	0.173946	2.042779	0.04107428	0.721999775
<i>ITGB1BP1</i>	0.508464	0.249032	2.041758	0.04117555	0.721999775
<i>ZNF253</i>	0.708087	0.346876	2.041326	0.04121847	0.721999775
<i>IDS</i>	-0.222205	0.108895	-2.040538	0.04129673	0.721999775
<i>ENSG00000179094</i>	1.338349	0.655912	2.04044	0.04130656	0.721999775
<i>CHL1</i>	1.545735	0.757628	2.04023	0.04132745	0.721999775
<i>RBM7</i>	0.421241	0.206487	2.040034	0.04134691	0.721999775
<i>RPL7A</i>	0.100561	0.0493	2.039774	0.0413728	0.721999775
<i>SIGLEC14</i>	1.224206	0.600488	2.038685	0.04148147	0.721999775
<i>ADAT1</i>	-0.635607	0.31182	-2.038376	0.04151237	0.721999775
<i>ERGIC1</i>	-0.31111	0.15264	-2.038193	0.04153068	0.721999775
<i>ITGAV</i>	-1.50154	0.73697	-2.03745	0.04160495	0.722188301
<i>SNHG21</i>	-0.496309	0.243706	-2.036504	0.04169977	0.722732564
<i>FCHO1</i>	0.705826	0.347031	2.033898	0.04196191	0.726170622
<i>ARRDC4</i>	-1.659617	0.816625	-2.032289	0.04212441	NA
<i>ITPR1</i>	0.489385	0.241139	2.029476	0.0424098	0.732807855
<i>DUBR</i>	-1.627262	0.802303	-2.028239	0.04253587	0.733136166

<i>GN5</i>	-0.187496	0.092453	-2.028026	0.04255757	0.733136166
<i>CCNA1</i>	-2.989636	1.474168	-2.028015	0.04255868	NA
<i>ABHD14A</i>	0.628427	0.310134	2.026309	0.04273317	0.734299645
<i>C3orf38</i>	0.551625	0.272259	2.026105	0.04275408	0.734299645
<i>RFTN1</i>	0.438298	0.216433	2.025095	0.04285759	0.734968889
<i>RSPH9</i>	-2.032226	1.004436	-2.023251	0.04304725	NA
<i>SPPL2B</i>	-0.27487	0.135882	-2.022854	0.04308824	0.737813196
<i>AKIRIN1</i>	-0.319612	0.158065	-2.022025	0.04317381	0.738168338
<i>GLI4</i>	-1.044792	0.517466	-2.019055	0.04348153	0.741832366
<i>UNC119B</i>	1.265676	0.627409	2.017306	0.04366363	0.741832366
<i>STT3A</i>	1.021139	0.506292	2.016899	0.04370608	0.741832366
<i>UTP3</i>	0.469303	0.232713	2.016662	0.04373082	0.741832366
<i>ENSG00000273272</i>	-1.541436	0.764442	-2.016421	0.04375601	NA
<i>LRRCC1</i>	1.406848	0.697715	2.016364	0.04376189	0.741832366
<i>MAP2K4</i>	1.037883	0.514772	2.016201	0.04377899	0.741832366
<i>SPATS2L</i>	-1.852171	0.918648	-2.016193	0.04377983	NA
<i>MIA2</i>	-0.511335	0.25374	-2.015197	0.04388399	0.742277696
<i>VTA1</i>	0.748546	0.371541	2.014704	0.04393564	0.742277696
<i>MLX</i>	-0.321617	0.159765	-2.013065	0.04410781	0.74408246
<i>LRRC46</i>	-1.373395	0.682847	-2.01128	0.04429594	0.746150648
<i>KCNRG</i>	-1.349121	0.671376	-2.009487	0.04448556	0.747585861
<i>RMND5B</i>	-0.390603	0.194448	-2.008774	0.04456108	0.747585861
<i>GRK6</i>	-0.569985	0.28377	-2.008614	0.0445781	0.747585861
<i>TNFRSF12A</i>	-1.733783	0.863221	-2.008503	0.04458984	NA
<i>DTX2</i>	-0.690866	0.344684	-2.004348	0.04503284	0.754101454
<i>OPA3</i>	-0.555181	0.27708	-2.003681	0.04510428	0.754188651
<i>KDM4A.AS1</i>	-1.170488	0.584377	-2.002966	0.04518092	0.754362298
<i>ENSG00000185527</i>	1.480781	0.739556	2.002256	0.04525717	0.754529201
<i>RBBP9</i>	-0.689774	0.344674	-2.001234	0.04536715	0.75525698
<i>TFB2M</i>	0.969339	0.484844	1.99928	0.04557807	0.757660509
<i>IL4I1</i>	-2.141782	1.072162	-1.99763	0.0457568	NA
<i>MTRF1</i>	-0.60353	0.30219	-1.997185	0.0458051	0.760324573
<i>MFSD10</i>	-0.358158	0.179513	-1.995169	0.04602443	0.761320511
<i>CALU</i>	-0.589675	0.295683	-1.99428	0.04612149	0.761320511
<i>POLE3</i>	-0.28727	0.144062	-1.994077	0.04614362	0.761320511
<i>DENND5A</i>	0.941901	0.472352	1.994067	0.04614472	0.761320511
<i>GLCE</i>	-0.991229	0.497214	-1.993567	0.04619939	0.761320511
<i>LINC01816</i>	-1.470278	0.737836	-1.99269	0.04629537	0.761799751
<i>PERP</i>	-1.797468	0.902063	-1.992619	0.04630318	NA
<i>TLR10</i>	0.522375	0.262473	1.990199	0.04656897	0.762238737
<i>BROX</i>	-0.30234	0.152057	-1.98834	0.04677414	0.762238737
<i>GOLIM4</i>	1.124515	0.565593	1.988206	0.04678891	0.762238737
<i>TRPM7</i>	0.485001	0.243989	1.987795	0.04683441	0.762238737
<i>EIF4EBP1</i>	0.405913	0.204235	1.987476	0.04686965	0.762238737
<i>HIVEP2</i>	0.886916	0.446638	1.985761	0.04705989	0.762238737
<i>ENSG00000268713</i>	-0.986326	0.496749	-1.985561	0.04708204	0.762238737
<i>MAFG.DT</i>	-1.525398	0.768356	-1.985274	0.04711402	0.762238737

<i>DHRS3</i>	1.946255	0.980503	1.984957	0.04714928	0.762238737
<i>CLCN7</i>	0.483556	0.243629	1.984804	0.04716623	0.762238737
<i>ZNF607</i>	-1.04922	0.528706	-1.984505	0.04719954	0.762238737
<i>ZNF524</i>	-0.357734	0.18033	-1.983772	0.04728125	0.762238737
<i>EXOC1</i>	0.599343	0.302167	1.983485	0.04731333	0.762238737
<i>LMO2</i>	-1.776133	0.895823	-1.982683	0.04740285	NA
<i>IKZF1</i>	0.36683	0.18504	1.982437	0.04743034	0.762238737
<i>SLC5A5</i>	1.53602	0.774984	1.982002	0.04747903	0.762238737
<i>CIB1</i>	0.167983	0.08478	1.981395	0.04754698	0.762238737
<i>ACVR1B</i>	-1.244522	0.628126	-1.981324	0.04755493	0.762238737
<i>SREBF2.AS1</i>	1.316854	0.664637	1.981313	0.04755619	0.762238737
<i>TNNI2</i>	1.395194	0.70431	1.980939	0.04759808	0.762238737
<i>CASK</i>	-0.869079	0.438977	-1.979785	0.04772766	0.762238737
<i>NRBF2</i>	-0.374689	0.189349	-1.978831	0.04783507	0.762238737
<i>CENPS.CORT</i>	-1.687807	0.853126	-1.978379	0.04788593	0.762238737
<i>C19orf73</i>	-1.069167	0.54064	-1.977596	0.04797425	0.762238737
<i>FGR</i>	0.80077	0.405187	1.976299	0.04812087	0.762238737
<i>RBM18</i>	0.692092	0.350203	1.976258	0.04812553	0.762238737
<i>USP5</i>	-0.563911	0.285389	-1.975941	0.04816143	0.762238737
<i>MYOM1</i>	-1.063744	0.538392	-1.975779	0.04817982	0.762238737
<i>ENSG00000263335</i>	-1.227053	0.621093	-1.975633	0.04819636	0.762238737
<i>ZFP69B</i>	-1.605911	0.812955	-1.9754	0.04822276	NA
<i>HPSE</i>	-1.665608	0.843185	-1.975376	0.04822548	NA
<i>CCDC151</i>	-1.565717	0.79294	-1.974573	0.04831666	NA
<i>AGAP4</i>	1.347108	0.682413	1.974037	0.04837754	0.76239884
<i>EXOC4</i>	0.529862	0.268514	1.973315	0.04845964	0.76239884
<i>RCL1</i>	0.882282	0.447206	1.972874	0.04850989	0.76239884
<i>LINC02245</i>	-1.11363	0.564486	-1.972822	0.04851583	0.76239884
<i>PUS1</i>	0.63322	0.321008	1.972599	0.04854125	0.76239884
<i>KATNBL1</i>	-0.319536	0.162165	-1.97044	0.04878796	0.764514148
<i>KYAT3</i>	-0.514857	0.26136	-1.969918	0.0488478	0.764514148
<i>MPP7</i>	1.372286	0.696779	1.969471	0.04889904	0.764514148
<i>ADAP1</i>	-1.519289	0.771575	-1.969075	0.04894448	0.764514148
<i>PEX6</i>	1.084709	0.551327	1.96745	0.04913139	0.765684782
<i>CENPB</i>	0.999717	0.508223	1.967086	0.04917331	0.765684782
<i>SERGEF</i>	-0.465176	0.23653	-1.966671	0.04922115	0.765684782
<i>ADARB1</i>	-1.004348	0.510855	-1.966013	0.04929708	0.765819701

<b>Cluster 5</b>	<b>log2FC</b>	<b>lfcSE</b>	<b>stat</b>	<b>pvalue</b>	<b>padj</b>
<i>VPREB3</i>	3.700958	0.109845	33.692593	< 2.22e-16	< 2.22e-16
<i>PLAAT4</i>	2.964256	0.13949	21.250729	< 2.22e-16	< 2.22e-16
<i>DENND6B</i>	3.435999	0.198172	17.3385	< 2.22e-16	< 2.22e-16
<i>GRN</i>	1.851849	0.112157	16.511196	< 2.22e-16	< 2.22e-16
<i>CD38</i>	5.601764	0.374535	14.956598	< 2.22e-16	< 2.22e-16
<i>CD1D</i>	3.892037	0.261573	14.879352	< 2.22e-16	< 2.22e-16
<i>ASB2</i>	4.829368	0.326659	14.784131	< 2.22e-16	< 2.22e-16
<i>RABGAP1L</i>	1.629215	0.121193	13.443113	< 2.22e-16	< 2.22e-16
<i>CNP</i>	1.783749	0.152885	11.667247	< 2.22e-16	< 2.22e-16
<i>RNF207</i>	3.11202	0.293551	10.601302	< 2.22e-16	< 2.22e-16
<i>C12orf65</i>	1.214399	0.118834	10.219329	< 2.22e-16	< 2.22e-16
<i>SEPTIN9</i>	0.642307	0.062991	10.1968	< 2.22e-16	< 2.22e-16
<i>ENDOD1</i>	1.633086	0.171849	9.503002	< 2.22e-16	< 2.22e-16
<i>P2RX5</i>	1.621094	0.171127	9.473039	< 2.22e-16	< 2.22e-16
<i>PNOC</i>	1.076261	0.114763	9.378134	< 2.22e-16	< 2.22e-16
<i>SLC12A4</i>	2.283579	0.247878	9.212494	< 2.22e-16	< 2.22e-16
<i>DUS2</i>	1.338061	0.147912	9.046335	< 2.22e-16	< 2.22e-16
<i>NRIP1</i>	1.94529	0.221981	8.763306	< 2.22e-16	1.36E-15
<i>SIGIRR</i>	0.945989	0.112723	8.392181	< 2.22e-16	3.24E-14
<i>SLC5A3</i>	1.217119	0.147147	8.27148	< 2.22e-16	8.52E-14
<i>RAB20</i>	2.567239	0.321534	7.984338	1.41E-15	8.67E-13
<i>DDIT4</i>	1.452503	0.186226	7.799666	6.21E-15	3.64E-12
<i>RAB37</i>	1.16335	0.149549	7.77904	7.31E-15	4.09E-12
<i>MAP3K1</i>	0.738729	0.096115	7.685909	1.52E-14	8.16E-12
<i>MPEG1</i>	1.513519	0.200536	7.547374	4.44E-14	2.29E-11
<i>RARA.AS1</i>	2.419415	0.324355	7.459164	8.71E-14	4.32E-11
<i>DNAJC7</i>	0.466735	0.063728	7.323818	2.41E-13	1.15E-10
<i>AGPAT5</i>	1.146471	0.162161	7.069943	1.55E-12	7.08E-10
<i>CACYBP</i>	0.562876	0.079659	7.066043	1.59E-12	7.08E-10
<i>AHI1</i>	1.140805	0.163239	6.988552	2.78E-12	1.19E-09
<i>HIC1</i>	3.093494	0.444076	6.966134	3.26E-12	1.35E-09
<i>JCHAIN</i>	1.6258	0.2349	6.921252	4.48E-12	1.80E-09
<i>P2RX5.TAX1BP3</i>	1.49181	0.22024	6.773567	1.26E-11	4.91E-09
<i>IRAK2</i>	1.341597	0.199227	6.734012	1.65E-11	6.26E-09
<i>C15orf39</i>	0.955626	0.142441	6.708905	1.96E-11	7.22E-09
<i>SIGLEC10</i>	0.930928	0.139691	6.664189	2.66E-11	9.53E-09
<i>S100A4</i>	-0.882047	0.133314	-6.616288	3.68E-11	1.26E-08
<i>PPCDC</i>	1.300801	0.196726	6.612239	3.79E-11	1.26E-08
<i>CLIC3</i>	2.072955	0.313544	6.611369	3.81E-11	1.26E-08
<i>ANAPC16</i>	0.299951	0.045763	6.554477	5.58E-11	1.80E-08
<i>SLC2A5</i>	2.173665	0.335077	6.487061	8.75E-11	2.75E-08
<i>HTR3A</i>	1.607236	0.250088	6.42667	1.30E-10	4.00E-08
<i>MRPS6</i>	1.036729	0.162541	6.378266	1.79E-10	5.37E-08
<i>PLAAT3</i>	2.236839	0.352403	6.34739	2.19E-10	6.41E-08
<i>TRABD</i>	0.501229	0.079751	6.284896	3.28E-10	9.39E-08
<i>NUP210</i>	0.513913	0.084782	6.061546	1.35E-09	3.78E-07

<i>PPP1R18</i>	0.514904	0.085277	6.038049	1.56E-09	4.28E-07
<i>CR2</i>	1.690965	0.280291	6.032888	1.61E-09	4.32E-07
<i>DPEP2</i>	1.009331	0.167751	6.016857	1.78E-09	4.68E-07
<i>GBP4</i>	0.917511	0.153686	5.970052	2.37E-09	6.09E-07
<i>PSMB10</i>	0.509484	0.085378	5.96741	2.41E-09	6.09E-07
<i>TSPAN18</i>	3.947041	0.669404	5.896354	3.72E-09	9.21E-07
<i>SERPINF1</i>	-1.472244	0.251135	-5.86237	4.56E-09	1.11E-06
<i>ITGAL</i>	0.691671	0.118201	5.851628	4.87E-09	1.16E-06
<i>MS4A1</i>	-0.726376	0.126051	-5.76256	8.28E-09	1.94E-06
<i>VPREB1</i>	3.752328	0.654167	5.73604	9.69E-09	2.23E-06
<i>ZFP36L1</i>	-0.456848	0.080141	-5.700527	1.19E-08	2.70E-06
<i>LCAT</i>	1.940799	0.341016	5.691229	1.26E-08	2.80E-06
<i>GPR183</i>	-0.501253	0.088168	-5.685182	1.31E-08	2.85E-06
<i>DHRS3</i>	4.017502	0.708439	5.67092	1.42E-08	3.02E-06
<i>CD1C</i>	1.589152	0.280287	5.669726	1.43E-08	3.02E-06
<i>SLC16A3</i>	0.862125	0.152764	5.643508	1.67E-08	3.46E-06
<i>VHL</i>	0.656437	0.116673	5.626302	1.84E-08	3.77E-06
<i>IFI30</i>	0.883572	0.158404	5.577961	2.43E-08	4.90E-06
<i>ETFB</i>	0.651573	0.116903	5.573598	2.50E-08	4.95E-06
<i>FAM3C</i>	0.59137	0.106188	5.569088	2.56E-08	5.00E-06
<i>RMDN2</i>	1.60587	0.290199	5.533687	3.14E-08	6.03E-06
<i>GRINA</i>	0.653072	0.122196	5.344454	9.07E-08	1.72E-05
<i>EVI2B</i>	0.318786	0.059889	5.322903	1.02E-07	1.91E-05
<i>CD72</i>	0.944799	0.178529	5.29213	1.21E-07	2.23E-05
<i>RRBP1</i>	1.359371	0.257466	5.279808	1.29E-07	2.35E-05
<i>CD24</i>	-0.821602	0.157056	-5.231266	1.68E-07	3.01E-05
<i>PLP2</i>	-0.428349	0.083036	-5.158613	2.49E-07	4.39E-05
<i>ABI3</i>	0.587428	0.114119	5.14751	2.64E-07	4.60E-05
<i>MAPKAPK2</i>	0.889025	0.172959	5.140096	2.75E-07	4.72E-05
<i>FCRL2</i>	1.008846	0.197075	5.119092	3.07E-07	5.21E-05
<i>SEL1L3</i>	0.768423	0.150693	5.099277	3.41E-07	5.71E-05
<i>PIP5K1B</i>	1.379175	0.272721	5.05709	4.26E-07	7.03E-05
<i>CTSZ</i>	0.586082	0.11626	5.041114	4.63E-07	7.55E-05
<i>GLIPR2</i>	0.850813	0.168928	5.036544	4.74E-07	7.64E-05
<i>KCNH4</i>	3.584812	0.713398	5.02498	5.03E-07	8.01E-05
<i>C5orf56</i>	0.788613	0.157873	4.995247	5.88E-07	9.23E-05
<i>NAPSA</i>	1.878063	0.376612	4.986726	6.14E-07	9.53E-05
<i>CTSA</i>	0.722062	0.145153	4.97449	6.54E-07	0.000100357
<i>GDPGP1</i>	1.371444	0.280366	4.891619	1.00E-06	0.000151615
<i>FCRL1</i>	0.715618	0.146895	4.871615	1.11E-06	0.000165855
<i>PAXX</i>	0.572733	0.117693	4.86632	1.14E-06	0.0001684
<i>ENSG00000233038</i>	4.065694	0.839693	4.841879	1.29E-06	0.000186682
<i>VSIG10L</i>	1.659909	0.342858	4.841387	1.29E-06	0.000186682
<i>JUN</i>	0.463564	0.09626	4.815748	1.47E-06	0.00020997
<i>CARHSP1</i>	0.290532	0.060496	4.802505	1.57E-06	0.000220952
<i>ENSG00000260030</i>	3.557533	0.740974	4.801159	1.58E-06	0.000220952
<i>LSP1</i>	0.296186	0.062438	4.743671	2.10E-06	0.00028925



<i>ZNF3</i>	0.669403	0.141147	4.742592	2.11E-06	0.00028925
<i>TNFRSF13B</i>	-0.456744	0.096504	-4.732881	2.21E-06	0.000300251
<i>GTF2E2</i>	0.530131	0.112373	4.71761	2.39E-06	0.000320314
<i>C16orf54</i>	0.619489	0.132778	4.665617	3.08E-06	0.000408756
<i>RHOG</i>	-0.294041	0.063137	-4.657214	3.21E-06	0.000421448
<i>XYLT1</i>	0.969948	0.208439	4.653393	3.27E-06	0.000424999
<i>CD22</i>	0.577297	0.124784	4.626377	3.72E-06	0.000475357
<i>CPNE5</i>	0.698905	0.151078	4.626118	3.73E-06	0.000475357
<i>CPEB4</i>	0.952137	0.206434	4.61231	3.98E-06	0.000503082
<i>DERL3</i>	0.608568	0.132198	4.603472	4.16E-06	0.000519826
<i>RGS1</i>	-1.23171	0.268839	-4.581596	4.61E-06	0.000571743
<i>FCMR</i>	0.405685	0.088989	4.55883	5.14E-06	0.000629575
<i>SPOCK2</i>	0.788657	0.173049	4.557408	5.18E-06	0.000629575
<i>C16orf72</i>	0.535427	0.117934	4.540056	5.62E-06	0.000677289
<i>BTG2</i>	-0.349145	0.07733	-4.515021	6.33E-06	0.000755388
<i>GPX1</i>	0.418863	0.092829	4.512202	6.42E-06	0.000758476
<i>BTBD7</i>	0.585085	0.129956	4.502166	6.73E-06	0.000787973
<i>PHKB</i>	0.53323	0.118617	4.495381	6.94E-06	0.000806192
<i>BICDL1</i>	1.344904	0.300526	4.475172	7.63E-06	0.000878432
<i>GPR146</i>	-1.326492	0.297355	-4.460965	8.16E-06	0.000930431
<i>APOL3</i>	0.732505	0.166252	4.405988	1.05E-05	0.001190292
<i>ARL14EPL</i>	3.188668	0.728453	4.377313	1.20E-05	0.001346325
<i>SMAD3</i>	0.817083	0.187022	4.368918	1.25E-05	0.001387063
<i>MCM5</i>	0.444662	0.101977	4.360415	1.30E-05	0.001429748
<i>ENSG00000198106</i>	-0.900354	0.206925	-4.351113	1.35E-05	0.001479141
<i>PUS1</i>	0.766459	0.176676	4.338212	1.44E-05	0.001555488
<i>AGO1</i>	0.706477	0.164682	4.289954	1.79E-05	0.001919048
<i>ULK1</i>	0.991701	0.231389	4.285868	1.82E-05	0.001938512
<i>IRF2BPL</i>	0.880022	0.205709	4.277984	1.89E-05	0.001991983
<i>S100A6</i>	-0.531998	0.124511	-4.272709	1.93E-05	0.002023129
<i>IRF1</i>	0.443977	0.10506	4.225953	2.38E-05	0.002472576
<i>IL1B</i>	3.408768	0.80965	4.210177	2.55E-05	0.002630504
<i>LGALS3</i>	-0.671683	0.159683	-4.206364	2.60E-05	0.002654025
<i>RARA</i>	0.539695	0.128388	4.20364	2.63E-05	0.002665028
<i>ZNF70</i>	1.588848	0.379716	4.184305	2.86E-05	0.002879617
<i>ATXN10</i>	0.496026	0.118729	4.1778	2.94E-05	0.002940229
<i>PLXNB2</i>	0.981605	0.235956	4.160124	3.18E-05	0.003152856
<i>LHFPL2</i>	1.138933	0.273967	4.157195	3.22E-05	0.003157567
<i>PALLD</i>	3.451708	0.830477	4.156294	3.23E-05	0.003157567
<i>CHST15</i>	1.003222	0.242978	4.128864	3.65E-05	0.003532114
<i>AP3S1</i>	0.554941	0.134525	4.125193	3.70E-05	0.003554596
<i>ACSL1</i>	0.896184	0.217311	4.12397	3.72E-05	0.003554596
<i>TRIB1</i>	0.855719	0.208511	4.103948	4.06E-05	0.003848358
<i>CTSB</i>	0.431515	0.105846	4.076824	4.57E-05	0.004294235
<i>CD180</i>	0.61154	0.151893	4.02614	5.67E-05	0.005294465
<i>ENSG00000260979</i>	1.444956	0.360575	4.007361	6.14E-05	0.005655598
<i>FLNB</i>	1.04812	0.26156	4.007191	6.14E-05	0.005655598

<i>STK17B</i>	-0.35928	0.089767	-4.002372	6.27E-05	0.005731123
<i>KAT6A</i>	0.515946	0.129016	3.999086	6.36E-05	0.00577035
<i>ABCB1</i>	1.635519	0.411374	3.975747	7.02E-05	0.006322144
<i>HOXB3</i>	2.026502	0.513363	3.947506	7.90E-05	0.007066667
<i>TBL1X</i>	-0.755506	0.191676	-3.941583	8.09E-05	0.007193553
<i>CERK</i>	0.73534	0.187019	3.931888	8.43E-05	0.007392072
<i>TAF12</i>	0.39048	0.099314	3.931759	8.43E-05	0.007392072
<i>RINL</i>	0.445053	0.113595	3.917904	8.93E-05	0.007777061
<i>MIDN</i>	0.5019	0.129679	3.870314	0.0001087	0.009400306
<i>MCL1</i>	0.480371	0.124311	3.86427	0.00011142	0.009571882
<i>CR1</i>	0.896373	0.232182	3.860647	0.00011309	0.009650598
<i>VIM</i>	-0.550273	0.143357	-3.83847	0.0001238	0.01049561
<i>LMNA</i>	-1.583459	0.414097	-3.823882	0.00013137	0.011064003
<i>ENSG00000254802</i>	1.091236	0.288097	3.787742	0.00015202	0.012720518
<i>HIVEP2</i>	0.80081	0.211763	3.781631	0.0001558	0.012936621
<i>PLEKHO1</i>	0.560609	0.148296	3.780342	0.00015661	0.012936621
<i>SREBF1</i>	1.547743	0.410277	3.772437	0.00016166	0.013268555
<i>TNFRSF18</i>	-1.410252	0.374864	-3.762036	0.00016854	0.013745266
<i>FAM167A</i>	1.264201	0.336428	3.757716	0.00017147	0.01389672
<i>ZBTB32</i>	-0.886804	0.236827	-3.744516	0.00018074	0.014556472
<i>RABAC1</i>	0.204748	0.054789	3.737041	0.0001862	0.014902838
<i>AHNAK</i>	-0.491273	0.131972	-3.722555	0.00019722	0.015687272
<i>STK17A</i>	0.446005	0.119965	3.717793	0.00020097	0.01588778
<i>ZNF337.AS1</i>	1.339585	0.360815	3.71266	0.00020509	0.016084353
<i>CLDND2</i>	1.136594	0.306228	3.7116	0.00020595	0.016084353
<i>SPRY1</i>	1.242648	0.335574	3.703049	0.00021302	0.016497535
<i>CRYL1</i>	-0.83304	0.225017	-3.702121	0.00021381	0.016497535
<i>PDLIM2</i>	-0.537412	0.145352	-3.697321	0.00021789	0.016712444
<i>ABRACL</i>	-0.442637	0.119855	-3.693095	0.00022154	0.016892195
<i>GLYCTK</i>	1.017642	0.276121	3.685494	0.00022826	0.017302069
<i>SLC5A5</i>	3.381942	0.918155	3.683409	0.00023014	0.017342258
<i>PTK2B</i>	0.490465	0.133722	3.667789	0.00024466	0.018329341
<i>ERAP1</i>	0.615803	0.168106	3.66319	0.00024909	0.018553842
<i>TBC1D9</i>	0.431841	0.118025	3.658907	0.00025329	0.018758279
<i>LGALS1</i>	-0.805962	0.2205	-3.655157	0.00025702	0.018870017
<i>CD5</i>	-2.155243	0.589965	-3.653173	0.00025902	0.018870017
<i>TMEM159</i>	-0.563205	0.154176	-3.652999	0.0002592	0.018870017
<i>CXCR5</i>	0.438386	0.120147	3.648736	0.00026353	0.019078063
<i>LIMS2</i>	-1.485598	0.409391	-3.628798	0.00028474	0.020412838
<i>CD79A</i>	0.422789	0.116521	3.628439	0.00028514	0.020412838
<i>ACP5</i>	0.681978	0.189349	3.601692	0.00031615	0.022507958
<i>ITGAX</i>	0.914734	0.254354	3.596311	0.00032276	0.022852275
<i>DPEP3</i>	2.249946	0.626805	3.589548	0.00033125	0.023325174
<i>CCNDBP1</i>	0.258515	0.072366	3.572307	0.00035385	0.024781032
<i>A4GALT</i>	1.174359	0.32963	3.562664	0.00036711	0.025570776
<i>BHLHE40</i>	0.506076	0.142226	3.558258	0.00037332	0.025863619
<i>LARGE2</i>	-0.787548	0.221906	-3.549007	0.00038669	0.026535056

<i>CHCHD10</i>	1.594884	0.449579	3.547505	0.0003889	0.026535056
<i>MKNK2</i>	-0.360593	0.101653	-3.547306	0.00038919	0.026535056
<i>NDUFB9</i>	0.225383	0.063648	3.541055	0.00039853	0.027028754
<i>MMP11</i>	1.001768	0.283135	3.53813	0.00040297	0.027186872
<i>ZNF563</i>	0.71897	0.203914	3.525858	0.00042211	0.028330001
<i>FCHO1</i>	0.480628	0.136486	3.521454	0.00042919	0.028655439
<i>CD83</i>	-0.470595	0.133879	-3.515065	0.00043965	0.029202452
<i>FXYD1</i>	-0.800011	0.228976	-3.493859	0.00047609	0.031409338
<i>CORO1B</i>	-0.536899	0.15371	-3.492933	0.00047775	0.031409338
<i>DBNL</i>	0.407287	0.116774	3.487821	0.00048697	0.031853502
<i>ICAM1</i>	0.964852	0.277072	3.482314	0.0004971	0.032351682
<i>PWP1</i>	0.343248	0.099396	3.453332	0.00055371	0.035854576
<i>PARP15</i>	-0.597307	0.173215	-3.448355	0.00056401	0.036339248
<i>TMEM65</i>	0.777975	0.226343	3.437155	0.00058786	0.037687283
<i>TAF4B</i>	1.100883	0.320708	3.432664	0.00059768	0.038127456
<i>CHP1</i>	-0.383286	0.111858	-3.426532	0.00061134	0.038806599
<i>ARL4C</i>	-0.950825	0.278214	-3.417606	0.00063175	0.039905227
<i>ATG2A</i>	0.599927	0.176231	3.404211	0.00066355	0.041710055
<i>CASP8AP2</i>	0.489981	0.144116	3.399917	0.00067406	0.042164964
<i>RAB13</i>	-0.946474	0.278855	-3.394144	0.00068844	0.042855965
<i>NCF1</i>	0.404405	0.119447	3.38565	0.0007101	0.043991919
<i>SYNGAP1</i>	0.940269	0.278562	3.375442	0.00073697	0.045438338
<i>ITPRIPL2</i>	0.91283	0.27087	3.369997	0.00075169	0.046125147
<i>HSPA4</i>	-0.396909	0.118926	-3.337452	0.0008455	0.051635762
<i>EGR2</i>	-1.627897	0.489528	-3.32544	0.00088279	0.053658797
<i>PPFIBP2</i>	0.544933	0.164033	3.322084	0.00089348	0.054053405
<i>ZBED2</i>	-1.151471	0.34723	-3.316163	0.00091262	0.054953626
<i>FAM117A</i>	0.531499	0.160568	3.310113	0.00093258	0.055894198
<i>ENSG00000214797</i>	2.339041	0.70808	3.303358	0.00095534	0.056993366
<i>DTX4</i>	0.934969	0.283601	3.29677	0.00097804	0.058078237
<i>GALK1</i>	-0.494748	0.150178	-3.294409	0.00098629	0.058299642
<i>TMEM41B</i>	0.420241	0.12787	3.286473	0.00101451	0.059693687
<i>LAT2</i>	-0.358	0.109306	-3.275215	0.00105582	0.061842015
<i>SP110</i>	0.247899	0.07581	3.270003	0.00107546	0.062707712
<i>ST6GAL1</i>	-0.400251	0.12303	-3.253277	0.00114082	0.065523983
<i>NBN</i>	0.460487	0.141615	3.251689	0.00114722	0.065523983
<i>SEC62</i>	-0.17989	0.055326	-3.25146	0.00114814	0.065523983
<i>ICAM2</i>	0.6064	0.186534	3.250878	0.00115049	0.065523983
<i>ENSG00000203739</i>	0.849724	0.261392	3.250771	0.00115093	0.065523983
<i>VNN2</i>	0.44994	0.138469	3.249389	0.00115653	0.065523983
<i>IGFBP4</i>	-1.306893	0.402356	-3.248105	0.00116176	0.065523983
<i>INPP5B</i>	0.558395	0.171949	3.24745	0.00116444	0.065523983
<i>CYTIP</i>	-0.235562	0.072673	-3.241405	0.00118942	0.066638488
<i>DNAH1</i>	1.035113	0.320013	3.234595	0.00121815	0.067952909
<i>FKBP2</i>	0.24485	0.075845	3.228305	0.00124526	0.069063884
<i>FXYD2</i>	-1.141267	0.353607	-3.227496	0.00124879	0.069063884
<i>PGPEP1</i>	0.700368	0.218481	3.205623	0.00134771	0.074215991

<i>SLC9A3R1</i>	0.462086	0.144251	3.203344	0.00135842	0.074411775
<i>ZNF821</i>	0.533151	0.166484	3.202414	0.00136281	0.074411775
<i>GCHFR</i>	-0.326468	0.102037	-3.199499	0.00137667	0.074851251
<i>IL2RA</i>	-0.880955	0.275918	-3.192818	0.00140892	0.075967184
<i>ECHS1</i>	0.298873	0.093608	3.192804	0.00140898	0.075967184
<i>GBP7</i>	1.239939	0.388635	3.190493	0.0014203	0.076258329
<i>FOXO3</i>	0.654952	0.205573	3.185989	0.0014426	0.07713412
<i>EMC6</i>	-0.396305	0.124546	-3.181994	0.00146265	0.077882929
<i>NEURL2</i>	1.477558	0.467017	3.163822	0.00155712	0.082509962
<i>EXOSC5</i>	0.442381	0.139868	3.162846	0.00156235	0.082509962
<i>DTWD2</i>	-1.190787	0.377199	-3.15692	0.00159445	0.083861578
<i>ENSG00000266088</i>	-2.900208	0.919269	-3.154909	0.00160548	0.084098608
<i>ENSG00000166927</i>	-0.878213	0.278612	-3.152101	0.001621	0.084567713
<i>ENSG00000259436</i>	-0.719899	0.228916	-3.144811	0.00166194	0.086353955
<i>ENSG00000230709</i>	-0.731747	0.232793	-3.143338	0.00167033	0.086441271
<i>MFSD10</i>	-0.375896	0.119803	-3.137606	0.00170334	0.087640481
<i>ING1</i>	0.460153	0.146688	3.136958	0.00170711	0.087640481
<i>LSS</i>	-0.66197	0.211256	-3.133493	0.00172739	0.088329938
<i>ENSG00000235609</i>	2.322698	0.741598	3.132019	0.00173609	0.088423817
<i>PIM2</i>	-0.289045	0.092343	-3.130107	0.00174743	0.088650924
<i>RUNX3</i>	0.34099	0.109205	3.122473	0.00179338	0.090625613
<i>TGM2</i>	0.64626	0.207289	3.117677	0.00182283	0.091522195
<i>NFKBIA</i>	0.204358	0.065557	3.117272	0.00182533	0.091522195
<i>LPAR2</i>	0.839257	0.269423	3.115016	0.00183935	0.091867679
<i>NXT1</i>	0.36692	0.118118	3.106382	0.00189392	0.094227955
<i>CIB1</i>	0.415448	0.133887	3.102982	0.00191581	0.094950511
<i>UBTF</i>	0.41875	0.135405	3.092582	0.00198423	0.097964916
<i>ADCY7</i>	-0.545548	0.176874	-3.084398	0.00203965	0.100316466
<i>EMP3</i>	-0.238975	0.077527	-3.082477	0.00205286	0.10058208
<i>CD99</i>	-0.316898	0.103608	-3.058611	0.00222366	0.108048827
<i>MDK</i>	1.396077	0.456521	3.058077	0.00222762	0.108048827
<i>MYADM</i>	0.650036	0.212589	3.057703	0.0022304	0.108048827
<i>RHOQ</i>	0.502833	0.164586	3.055147	0.00224951	0.108566015
<i>PDIA3</i>	0.293888	0.096251	3.053365	0.00226291	0.108805221
<i>SERPINB9</i>	-0.30481	0.099975	-3.04886	0.00229711	0.109675769
<i>SIPA1L1</i>	-0.318792	0.104565	-3.04874	0.00229803	0.109675769
<i>EHD1</i>	0.352212	0.115968	3.037153	0.00238825	0.113560594
<i>SNX18</i>	0.810992	0.267365	3.033281	0.00241911	0.114605128
<i>ENSG00000089127</i>	0.769627	0.254597	3.022918	0.0025035	0.118168778
<i>ATP2B1</i>	-0.195606	0.064741	-3.021376	0.00251628	0.118338784
<i>CARNS1</i>	-1.404742	0.466009	-3.014407	0.00257482	0.120651381
<i>KANSL3</i>	0.724137	0.24089	3.006089	0.00264632	0.123552336
<i>RASGEF1B</i>	-0.445257	0.14845	-2.999375	0.00270534	0.125801954
<i>UROS</i>	0.342305	0.114163	2.998398	0.00271403	0.125801954
<i>CHRAC1</i>	-0.338273	0.112909	-2.995979	0.00273565	0.126349857
<i>LSM10</i>	-0.210074	0.070332	-2.986896	0.00281826	0.12970013
<i>IRF4</i>	0.650003	0.217882	2.983284	0.00285173	0.130773676

<i>PRDM4</i>	0.511776	0.171979	2.975811	0.00292215	0.13352763
<i>APOL1</i>	0.631416	0.21269	2.968717	0.00299046	0.136088133
<i>LINC00513</i>	0.479824	0.161676	2.967809	0.0029993	0.136088133
<i>GPBR1</i>	-1.584968	0.53507	-2.96217	0.00305479	0.138119395
<i>FLOT1</i>	0.387399	0.130927	2.958891	0.00308748	0.138980184
<i>CASP7</i>	0.521853	0.176415	2.958102	0.0030954	0.138980184
<i>PLEKHO2</i>	0.526477	0.178767	2.945049	0.00322903	0.144476799
<i>SGMS1.AS1</i>	0.705697	0.240139	2.938701	0.00329591	0.146927846
<i>RESF1</i>	-0.246297	0.08384	-2.937695	0.00330662	0.146927846
<i>RAB8B</i>	-0.383351	0.130628	-2.934672	0.00333901	0.147857241
<i>RBX1</i>	-0.162737	0.055483	-2.933098	0.00335598	0.1480998
<i>DDX24</i>	0.284961	0.09727	2.929577	0.00339424	0.149276911
<i>RUFY3</i>	0.545002	0.186226	2.92656	0.00342733	0.150219578
<i>PRDX1</i>	-0.250814	0.085869	-2.920876	0.00349049	0.152469365
<i>MAP2K3</i>	-0.29399	0.100727	-2.918678	0.00351519	0.153029601
<i>MPHOSPH9</i>	0.546785	0.187536	2.915631	0.0035497	0.154011511
<i>DAAM1</i>	-0.538234	0.18479	-2.912685	0.00358336	0.154950423
<i>CDYL2</i>	1.831296	0.629965	2.906982	0.00364934	0.15690365
<i>SH3BGRL3</i>	-0.239615	0.082436	-2.906678	0.00365289	0.15690365
<i>FADS3</i>	-0.437285	0.150561	-2.904375	0.00367987	0.157537687
<i>TRAF3IP2</i>	-0.718381	0.247913	-2.897714	0.00375893	0.160389322
<i>GTF2B</i>	0.391244	0.135395	2.889657	0.00385663	0.16401477
<i>GPR132</i>	0.402885	0.139729	2.883331	0.00393494	0.166794749
<i>PAOX</i>	0.560575	0.195057	2.873905	0.0040543	0.171291034
<i>ENSG00000263264</i>	0.763866	0.265953	2.872184	0.00407646	0.171664032
<i>C7orf50</i>	-0.429702	0.149933	-2.865963	0.00415743	0.174503728
<i>HSH2D</i>	0.310357	0.10838	2.863602	0.00418853	0.174705765
<i>MIR22HG</i>	-0.647691	0.226185	-2.86354	0.00418936	0.174705765
<i>SMIM20</i>	0.408352	0.142703	2.861546	0.00421581	0.175241491
<i>GGA2</i>	0.329312	0.115195	2.858736	0.00425333	0.176232781
<i>AHCY</i>	-0.32637	0.114806	-2.842796	0.00447197	0.184698132
<i>RAB3IP</i>	-0.524639	0.184668	-2.840983	0.00449748	0.185158073
<i>HCK</i>	-0.542546	0.191215	-2.837366	0.00454874	0.186672164
<i>PTPA</i>	-0.659631	0.233073	-2.830151	0.00465261	0.190029857
<i>LINC02576</i>	-1.806206	0.638426	-2.829153	0.00466714	0.190029857
<i>SLC25A39</i>	0.222704	0.078732	2.828628	0.0046748	0.190029857
<i>BATF2</i>	2.352515	0.833937	2.820976	0.00478778	0.194010444
<i>PACS1</i>	0.341314	0.121096	2.818546	0.00482417	0.194872197
<i>BANK1</i>	-0.224634	0.079954	-2.809551	0.00496107	0.199776221
<i>ARID5B</i>	-0.28674	0.102286	-2.803322	0.00505792	0.201949322
<i>LARGE1</i>	1.030888	0.36774	2.803303	0.00505821	0.201949322
<i>RAB7A</i>	0.209617	0.074813	2.801868	0.00508077	0.201949322
<i>PCBP1</i>	-0.186822	0.06668	-2.801791	0.00508197	0.201949322
<i>MYO9B</i>	0.303576	0.108379	2.801067	0.0050934	0.201949322
<i>DUSP10</i>	-0.512705	0.183164	-2.799164	0.00512351	0.202519898
<i>ENSG00000261448</i>	0.802082	0.286698	2.797658	0.00514747	0.202844771
<i>ENSG00000176320</i>	2.292757	0.821232	2.791851	0.00524074	0.205702427

STAT5A	0.417966	0.149746	2.791163	0.00525191	0.205702427
ITGB7	0.4283	0.153968	2.78175	0.00540667	0.2111222
CYBA	0.224601	0.080874	2.777185	0.00548319	0.213463477
HRK	-0.588766	0.212628	-2.768994	0.00562297	0.217800377
TMCO3	-0.408087	0.147407	-2.768439	0.00563255	0.217800377
GPR18	0.599111	0.216465	2.767702	0.0056453	0.217800377
SMYD4	-0.474857	0.171994	-2.760899	0.00576424	0.221310625
CHD7	0.313425	0.113538	2.760538	0.00577063	0.221310625
MYO7B	-1.804508	0.654451	-2.757284	0.00582837	0.222663067
RHBDF2	0.249735	0.090595	2.756607	0.00584046	0.222663067
KATNBL1	-0.298804	0.108539	-2.752957	0.00590597	0.223989853
PIK3IP1	0.33875	0.12306	2.752732	0.00591002	0.223989853
ENSG00000262292	0.765643	0.278632	2.747865	0.00599847	0.226600494
ADPGK	0.255649	0.093064	2.747013	0.00601408	0.226600494
TLR10	-0.384397	0.140419	-2.737507	0.00619069	0.231959891
CD47	-0.215769	0.078822	-2.73742	0.00619232	0.231959891
ZNF736	-0.764694	0.279766	-2.733338	0.00626959	0.233848529
CDK14	-0.59391	0.217323	-2.732843	0.00627903	0.233848529
SMC5	-0.299908	0.109901	-2.728902	0.00635457	0.235979653
ZNF318	-0.508355	0.186901	-2.719925	0.00652968	0.241785773
HDAC6	-0.458905	0.168808	-2.718493	0.006558	0.242138751
MYO1C	-0.425446	0.156626	-2.716317	0.00660127	0.242949273
GPR155	-0.609086	0.2243	-2.715496	0.00661766	0.242949273
ENSG00000261087	0.948387	0.350588	2.705133	0.0068277	0.249948215
CHIT1	-1.344916	0.497541	-2.703123	0.00686912	0.250752185
SGK1	-0.742648	0.27497	-2.700831	0.00691664	0.251773444
CD82	-0.254069	0.094245	-2.695833	0.00702129	0.254862925
PXDC1	1.092524	0.406294	2.689001	0.00716661	0.259407225
CFL1	-0.13263	0.049347	-2.687685	0.00719492	0.259702338
SLC2A3	-0.43105	0.16046	-2.686339	0.00722399	0.260023092
RUBCN	-0.414983	0.154642	-2.683515	0.00728527	0.261498562
NAB2	-0.740443	0.2767	-2.675977	0.00745117	0.266104529
PPP3CA	-0.228362	0.085349	-2.675629	0.00745891	0.266104529
SF1	0.149492	0.055899	2.674334	0.00748778	0.266104529
DUOX1	0.475809	0.177942	2.673958	0.00749619	0.266104529
SLC45A3	0.984882	0.369036	2.668797	0.00761234	0.268549295
AP1S3	-0.405669	0.152024	-2.668449	0.00762023	0.268549295
CREM	-0.537844	0.201581	-2.668125	0.00762758	0.268549295
HINT2	0.263035	0.098847	2.661041	0.00778994	0.273518037
RAP1A	-0.180722	0.068021	-2.656852	0.00788742	0.276068646
SFXN4	0.669188	0.251946	2.656083	0.00790543	0.276068646
POU2AF1	0.301961	0.113728	2.655112	0.00792821	0.276116056
SERPINB1	0.279179	0.105252	2.652489	0.00799008	0.277520629
ADGRB2	-2.420612	0.913445	-2.649981	0.00804964	0.278837856
RAB30.DT	-0.323709	0.12226	-2.647697	0.00810422	0.279915777
CLIC1	-0.177311	0.066989	-2.646864	0.00812421	0.279915777
NRM	0.445585	0.168455	2.645131	0.00816593	0.280388388

SLC38A2	-0.267944	0.101347	-2.643823	0.00819755	0.280388388
ABLIM2	-0.868425	0.328502	-2.64359	0.0082032	0.280388388
HLA.DOA	0.434147	0.164402	2.640769	0.00827182	0.281985794
FYTTD1	-0.229564	0.087014	-2.638247	0.00833358	0.282779928
ANXA2	-0.340888	0.129221	-2.638027	0.008339	0.282779928
TKT	-0.189066	0.071711	-2.636498	0.00837666	0.283311324
ENSG00000261766	0.603576	0.229409	2.631006	0.00851326	0.287177587
PSME1	0.139398	0.053025	2.628927	0.00856546	0.287836121
ENSG00000273188	0.997499	0.3795	2.628452	0.00857745	0.287836121
ITGAM	0.654662	0.249555	2.623315	0.00870787	0.291453623
MYOM1	-1.241343	0.47384	-2.61975	0.00879943	0.293755116
LGMN	0.733988	0.280316	2.618435	0.00883342	0.294114279
REL	-0.223481	0.085406	-2.616685	0.00887881	0.294114279
EHMT1	-0.213652	0.081665	-2.61621	0.00889119	0.294114279
MYC	0.398696	0.15244	2.615434	0.00891142	0.294114279
FXYD5	-0.330434	0.126364	-2.61494	0.00892431	0.294114279
XIAP	0.303122	0.116017	2.612732	0.00898218	0.295266322
ARHGEF2	0.263398	0.100912	2.610175	0.00904959	0.296725161
MYL2	1.96892	0.754915	2.608136	0.00910369	0.297741439
MLXIP	0.479515	0.183923	2.607154	0.00912982	0.297840253
BMF	-0.3873	0.148628	-2.605829	0.00916522	0.298123304
MARCKSL1	-0.339877	0.130466	-2.605099	0.00918477	0.298123304
AKR1A1	-0.219132	0.084166	-2.603556	0.00922621	0.298715868
PIN1	-0.200582	0.077191	-2.598527	0.00936247	0.302367841
BRK1	0.150187	0.057819	2.597534	0.00938958	0.302485282
SMC6	-0.293346	0.113101	-2.593654	0.0094962	0.305157131
AIM2	0.324903	0.125414	2.590645	0.00957964	0.305638878
METTL21A	-0.266265	0.10278	-2.590636	0.00957989	0.305638878
ALDH1B1	0.904353	0.349097	2.590547	0.00958235	0.305638878
FCER2	0.947455	0.365956	2.588987	0.00962588	0.306179444
ENSG00000261884	0.459909	0.177692	2.588239	0.00964682	0.306179444
COMMD7	-0.25852	0.099929	-2.58704	0.00968042	0.306491191
TUBB6	-0.687056	0.265715	-2.585686	0.00971854	0.306943855
LINC01869	-0.714285	0.276629	-2.582102	0.00982006	0.30894585
PIK3R5	0.489321	0.18953	2.581757	0.00982988	0.30894585
EHD4	-0.477297	0.185136	-2.578096	0.00993464	0.311385737
RALA	-0.396995	0.154032	-2.577359	0.00995584	0.311385737
PDCD4	0.638841	0.248044	2.575511	0.0100092	0.312296865
SYAP1	-0.410878	0.159745	-2.572081	0.01010893	0.314646676
CTSS	0.210522	0.081903	2.570393	0.01015832	0.315422065
FXYD7	-0.855358	0.333348	-2.565962	0.01028901	0.318032378
GSAP	0.352199	0.137263	2.56587	0.01029175	0.318032378
PBX4	0.936722	0.365938	2.559783	0.01047375	0.322882171
POLM	0.375847	0.147108	2.554896	0.01062194	0.326668954
KAT2A	0.331817	0.129994	2.552547	0.01069386	0.328097647
AK1	0.562186	0.221203	2.541492	0.01103806	0.337853654
TRBC2	-0.170151	0.067011	-2.539143	0.01111244	0.33904116

<i>C19orf38</i>	0.625296	0.246325	2.538499	0.01113293	0.33904116
<i>NMT2</i>	-0.472337	0.186122	-2.537781	0.01115579	0.33904116
<i>TBC1D8</i>	1.391661	0.548571	2.536885	0.01118436	0.339109685
<i>TMSB10</i>	-0.244093	0.096379	-2.532641	0.01132067	0.342437063
<i>TMEM87B</i>	-0.499138	0.197258	-2.530377	0.01139399	0.343847624
<i>NBEAL2</i>	1.021037	0.403691	2.529253	0.01143058	0.344145799
<i>ANKRD37</i>	-0.560568	0.221956	-2.525575	0.01155091	0.346958151
<i>IFNAR2</i>	0.32295	0.128113	2.520823	0.01170807	0.350860756
<i>RBMX2</i>	-0.2888	0.11464	-2.519181	0.0117628	0.351683205
<i>SPN</i>	0.979166	0.389017	2.517024	0.01183508	0.352825411
<i>SUCLG2</i>	0.278775	0.110783	2.516409	0.01185577	0.352825411
<i>NTAN1</i>	-0.274303	0.109462	-2.505916	0.01221347	0.362633163
<i>GAK</i>	0.272129	0.108774	2.501769	0.01235747	0.365262825
<i>APOBEC3H</i>	1.279193	0.511389	2.501409	0.01237001	0.365262825
<i>ENSG00000272155</i>	1.129277	0.451545	2.500921	0.01238708	0.365262825
<i>CSNK2A2</i>	-0.450696	0.180362	-2.498845	0.01245989	0.366571111
<i>SMARCA4</i>	0.34137	0.136717	2.496909	0.0125281	0.367108152
<i>WASF1</i>	-0.64925	0.260123	-2.495934	0.01256258	0.367108152
<i>SRR</i>	0.814002	0.326135	2.495905	0.01256361	0.367108152
<i>CARD19</i>	-0.386753	0.155079	-2.493902	0.01263474	0.368351166
<i>ESYT1</i>	-0.34753	0.139409	-2.492891	0.01267076	0.36856751
<i>VTI1A</i>	-0.36552	0.147019	-2.486199	0.01291158	0.374726654
<i>IQSEC1</i>	-0.336108	0.135367	-2.48293	0.01303067	0.37733301
<i>SYNGR3</i>	0.812296	0.327298	2.481821	0.01307129	0.377660581
<i>USP7</i>	0.317171	0.127867	2.480473	0.0131208	0.378243109
<i>OSM</i>	-1.713731	0.69155	-2.478102	0.01320834	0.37991667
<i>ENSG00000262420</i>	1.605898	0.648981	2.474492	0.01334256	0.382414876
<i>PLGRKT</i>	-0.432468	0.174847	-2.473408	0.01338311	0.382414876
<i>JDP2</i>	0.567481	0.229436	2.473379	0.01338422	0.382414876
<i>TERF2IP</i>	0.208095	0.084372	2.4664	0.01364787	0.38908502
<i>ARRDC5</i>	0.689183	0.279971	2.461621	0.01383109	0.392599222
<i>IQGAP1</i>	-0.198456	0.080621	-2.461595	0.01383207	0.392599222
<i>ENSG00000249679</i>	-1.375267	0.559305	-2.458887	0.01393686	0.394704184
<i>A1BG</i>	-0.264237	0.10751	-2.45779	0.01397949	0.395043082
<i>PRRT3</i>	0.657785	0.267888	2.455452	0.01407074	0.396751658
<i>EIF4A3</i>	0.367442	0.149696	2.454583	0.01410482	0.396793972
<i>ENSG00000229127</i>	-1.202067	0.489871	-2.453844	0.01413382	0.396793972
<i>PISD</i>	0.58726	0.239718	2.4498	0.01429354	0.400116785
<i>UNKL</i>	0.342648	0.139897	2.449278	0.01431428	0.400116785
<i>RHOBTB3</i>	1.450464	0.592822	2.44671	0.01441668	0.40210673
<i>SLC25A5</i>	-0.17857	0.073034	-2.445016	0.01448456	0.402277281
<i>LY9</i>	-0.465548	0.190408	-2.445	0.01448523	0.402277281
<i>POLH</i>	0.747853	0.30623	2.442132	0.01460081	0.404615238
<i>FAM177A1</i>	-0.238275	0.097618	-2.440885	0.01465133	0.405110131
<i>PLD4</i>	-0.569548	0.233408	-2.440141	0.01468155	0.405110131
<i>BCL2L11</i>	-0.637324	0.261447	-2.437682	0.01478178	0.406563864
<i>SNRNP35</i>	0.303067	0.124353	2.437143	0.01480381	0.406563864



<i>WDR11</i>	0.288873	0.118559	2.436531	0.01482889	0.406563864
<i>RB1</i>	-0.253183	0.104114	-2.431792	0.01502431	0.411047321
<i>FBXO10</i>	0.638157	0.26275	2.428762	0.01515048	0.412881907
<i>ASCC1</i>	0.425653	0.175264	2.428643	0.01515545	0.412881907
<i>SSR3</i>	-0.193731	0.079859	-2.425898	0.01527054	0.415139738
<i>PLEC</i>	-0.357721	0.147537	-2.424614	0.01532466	0.415306227
<i>ATP6VOA1</i>	0.434039	0.179043	2.424224	0.01534113	0.415306227
<i>DNAAF4</i>	-0.92159	0.380844	-2.419863	0.01552636	0.419439425
<i>AFF3</i>	-0.254875	0.10541	-2.417943	0.0156085	0.420776438
<i>AP3B1</i>	0.290696	0.120295	2.416527	0.01566938	0.421133702
<i>MBD6</i>	0.600578	0.248604	2.415796	0.01570087	0.421133702
<i>ENSG00000133961</i>	0.296196	0.12263	2.415357	0.0157198	0.421133702
<i>AP1G2</i>	-0.24231	0.100431	-2.412697	0.01583499	0.422913437
<i>MZB1</i>	-0.545124	0.225976	-2.412308	0.01585187	0.422913437
<i>DMPK</i>	-1.03311	0.428755	-2.409558	0.01597188	0.424674681
<i>PLPP5</i>	-0.34149	0.141739	-2.409285	0.0159838	0.424674681
<i>GHRL</i>	0.42316	0.175773	2.407429	0.0160653	0.425961786
<i>UPP1</i>	0.669754	0.278306	2.406537	0.01610459	0.426126827
<i>SLC25A25</i>	-0.551863	0.229457	-2.405082	0.01616882	0.42694966
<i>TTC13</i>	-0.747484	0.3109	-2.404261	0.0162052	0.4270353
<i>H1FX</i>	0.726421	0.30232	2.402822	0.0162691	0.427844225
<i>GABARAPL1</i>	0.955856	0.397983	2.401753	0.01631671	0.428222191
<i>CUL2</i>	0.442529	0.184347	2.400517	0.01637193	0.428798011
<i>RPS6KC1</i>	-0.551725	0.230063	-2.398151	0.01647808	0.430299079
<i>ISG20</i>	-0.234119	0.097641	-2.397752	0.01649602	0.430299079
<i>LSM2</i>	-0.169237	0.070632	-2.396042	0.01657318	0.431438302
<i>CAMTA1</i>	-0.247776	0.103498	-2.394006	0.01666547	0.432966118
<i>GAPDH</i>	-0.166369	0.069523	-2.393018	0.0167104	0.433259991
<i>PARD6A</i>	-0.343746	0.143743	-2.391392	0.01678461	0.43411166
<i>ARAP1</i>	-0.438498	0.183409	-2.390824	0.01681063	0.43411166
<i>ATP2C1</i>	-0.418733	0.175352	-2.387954	0.01694247	0.43664128
<i>MRNIP</i>	0.390127	0.164011	2.378664	0.01737549	0.446788713
<i>TMEM175</i>	0.487856	0.205152	2.378027	0.01740555	0.446788713
<i>CYBB</i>	0.249476	0.104996	2.376041	0.01749951	0.447705914
<i>USP18</i>	1.066879	0.44906	2.375804	0.01751077	0.447705914
<i>C1orf162</i>	-0.413777	0.174399	-2.372582	0.01766422	0.450228587
<i>FLNA</i>	-0.332372	0.140107	-2.372267	0.01767932	0.450228587
<i>NOTCH2</i>	0.35843	0.151242	2.36991	0.01779242	0.452215162
<i>LINC02397</i>	0.190483	0.080456	2.367549	0.01790635	0.45414393
<i>ITGA3</i>	0.94543	0.399442	2.366879	0.01793879	0.45414393
<i>POU2F2</i>	-0.2758	0.116704	-2.363242	0.01811585	0.457727252
<i>SESTD1</i>	-0.453593	0.192274	-2.359101	0.01831928	0.461961314
<i>ACTB</i>	-0.184134	0.078124	-2.356953	0.01842559	0.463219487
<i>GNAS</i>	0.166345	0.070586	2.356641	0.01844107	0.463219487
<i>ZNF71</i>	-0.446702	0.189619	-2.355788	0.01848346	0.463380951
<i>SLFN5</i>	-0.822224	0.349303	-2.353903	0.01857746	0.464833169
<i>TNF</i>	-0.834597	0.355	-2.350977	0.01872417	0.467596184

<i>CHST7</i>	0.851677	0.362421	2.349965	0.01877518	0.467963074
<i>H3F3A</i>	0.166006	0.07078	2.345394	0.019007	0.472666187
<i>USP15</i>	-0.210329	0.0897	-2.344801	0.01903723	0.472666187
<i>ENSG00000268516</i>	-0.383899	0.164074	-2.33979	0.0192946	0.478134948
<i>NPEPPS</i>	-0.258783	0.110661	-2.338515	0.01936054	0.478318615
<i>MED18</i>	0.562273	0.24056	2.33735	0.01942097	0.478318615
<i>CD79B</i>	0.246878	0.105624	2.337332	0.01942191	0.478318615
<i>RAB4B</i>	-0.287394	0.122993	-2.336675	0.01945609	0.478318615
<i>UBE2D4</i>	-0.398102	0.170474	-2.335271	0.01952925	0.478318615
<i>BMS1</i>	0.320974	0.137486	2.334594	0.01956462	0.478318615
<i>CREBRF</i>	0.289654	0.12408	2.334419	0.01957381	0.478318615
<i>DIPK1A</i>	0.592258	0.253759	2.333938	0.01959896	0.478318615
<i>DMD</i>	-0.538248	0.230887	-2.331223	0.01974162	0.480889521
<i>HOXB4</i>	1.003484	0.431193	2.327226	0.01995322	0.485126692
<i>PPP2R5C</i>	0.211944	0.09121	2.323682	0.02014254	0.48727933
<i>TBC1D10C</i>	-0.157738	0.067889	-2.323475	0.02015366	0.48727933
<i>S100A11</i>	-0.179892	0.077425	-2.323446	0.0201552	0.48727933
<i>RBM26</i>	0.212685	0.091589	2.322179	0.02022332	0.488010556
<i>HIPK2</i>	0.495951	0.213811	2.319574	0.02036395	0.488784346
<i>ANKRD36C</i>	-0.46125	0.198856	-2.319511	0.02036735	0.488784346
<i>PSMB9</i>	0.195864	0.084448	2.319347	0.02037623	0.488784346
<i>HNRNPC</i>	0.16281	0.070214	2.318777	0.02040711	0.488784346
<i>EVL</i>	0.191877	0.082844	2.316121	0.02055164	0.491332969
<i>CD37</i>	-0.204147	0.088187	-2.314927	0.02061692	0.491980781
<i>RBM19</i>	0.470923	0.203591	2.313079	0.02071832	0.492983008
<i>SCARB1</i>	-1.17448	0.507825	-2.312767	0.02073543	0.492983008
<i>ABCA2</i>	0.965678	0.417805	2.311314	0.02081552	0.493264455
<i>FAM107B</i>	0.24349	0.105354	2.311163	0.02082383	0.493264455
<i>SHISAL2A</i>	0.358296	0.155183	2.308866	0.02095103	0.495366883
<i>IVNS1ABP</i>	-0.367613	0.159324	-2.307325	0.0210367	0.496037741
<i>MAP4K1</i>	0.218734	0.094814	2.306972	0.02105639	0.496037741
<i>SH3BP5</i>	-0.414427	0.17973	-2.305831	0.02112005	0.496629494
<i>HGSNAT</i>	-0.5211	0.226223	-2.303485	0.02125158	0.49881219
<i>CALR</i>	0.291645	0.126878	2.298629	0.02152604	0.503978282
<i>GTF3A</i>	0.161865	0.070431	2.298209	0.0215499	0.503978282
<i>SACS</i>	-0.537661	0.234242	-2.295324	0.02171456	0.506909173
<i>ENSG00000251364</i>	1.142158	0.498502	2.291182	0.02195288	0.511222508
<i>MT1X</i>	-0.501389	0.218908	-2.290409	0.02199762	0.511222508
<i>MFGE8</i>	0.764362	0.33381	2.289812	0.0220322	0.511222508
<i>RBM47</i>	0.584623	0.255393	2.289106	0.02207317	0.511222508
<i>SS18L2</i>	-0.130855	0.057175	-2.288684	0.0220977	0.511222508
<i>BCL6</i>	-0.530113	0.231814	-2.286799	0.02220758	0.512336884
<i>C12orf74.PLEKHG7</i>	0.515004	0.225277	2.286092	0.0222489	0.512336884
<i>HTT</i>	0.339849	0.148677	2.285814	0.02226515	0.512336884
<i>KDM4B</i>	-0.401432	0.175678	-2.285042	0.02231039	0.512462803
<i>HP1BP3</i>	-0.138889	0.060821	-2.283584	0.02239597	0.513513202
<i>LUZP1</i>	-0.513851	0.225286	-2.280884	0.02255532	0.515346467

<i>NAP1L6</i>	1.50205	0.658542	2.280874	0.02255591	0.515346467
<i>TCEAL3</i>	-0.504185	0.221161	-2.279718	0.02262442	0.515996898
<i>ZNF496</i>	0.773493	0.339586	2.277754	0.02274123	0.517744712
<i>P2RX4</i>	0.379534	0.16673	2.276343	0.02282552	0.517864211
<i>SIDT2</i>	-0.320645	0.140861	-2.27632	0.02282686	0.517864211
<i>PTTG1</i>	-0.596723	0.26269	-2.27159	0.02311127	0.52078436
<i>CDC25B</i>	0.310526	0.136714	2.27135	0.02312581	0.52078436
<i>MCPH1</i>	0.321158	0.141415	2.271031	0.02314512	0.52078436
<i>SVBP</i>	-0.195813	0.086225	-2.270942	0.02315047	0.52078436
<i>ENSG00000230155</i>	0.541316	0.238378	2.270824	0.02315765	0.52078436
<i>JUND</i>	-0.394523	0.173793	-2.270072	0.02320322	0.520900051
<i>CIC</i>	-0.374637	0.165151	-2.268447	0.02330201	0.52220808
<i>ENSG00000260349</i>	0.590548	0.260495	2.267022	0.02338889	0.523245205
<i>MAST4</i>	-0.815612	0.360135	-2.264738	0.02352874	0.52448022
<i>HOXB7</i>	0.669018	0.295428	2.26457	0.02353908	0.52448022
<i>CNR1</i>	0.608707	0.268848	2.264129	0.0235662	0.52448022
<i>CARS2</i>	0.40128	0.17742	2.261752	0.02371271	0.525279656
<i>TCEA2</i>	0.355204	0.15706	2.261577	0.02372358	0.525279656
<i>TSEN15</i>	-0.37269	0.164793	-2.261563	0.02372441	0.525279656
<i>SYBU</i>	-1.177985	0.521159	-2.260319	0.02380147	0.525389244
<i>JAK1</i>	0.146553	0.064859	2.259559	0.02384865	0.525389244
<i>DCK</i>	0.151574	0.067083	2.25951	0.02385168	0.525389244
<i>OAS3</i>	0.913701	0.405415	2.253741	0.02421245	0.530689823
<i>OGG1</i>	0.309392	0.137289	2.253585	0.0242223	0.530689823
<i>C9orf72</i>	-0.4749	0.21074	-2.25349	0.02422828	0.530689823
<i>YIF1A</i>	-0.208551	0.092572	-2.252838	0.02426936	0.530689823
<i>LPCAT4</i>	-0.363824	0.161529	-2.252381	0.02429823	0.530689823
<i>CCDC154</i>	0.850702	0.378265	2.248961	0.024515	0.533654712
<i>ZNF627</i>	0.476021	0.211712	2.248434	0.02454854	0.533654712
<i>TXNDC11</i>	0.347263	0.154457	2.248282	0.02455822	0.533654712
<i>TRMT1</i>	0.244642	0.108907	2.246341	0.02468215	0.535444677
<i>CD84</i>	-0.451552	0.201086	-2.245565	0.02473189	0.535622107
<i>ZNF706</i>	0.178516	0.079595	2.24281	0.02490908	0.537776675
<i>MIPEP</i>	-0.812592	0.362324	-2.242721	0.02491484	0.537776675
<i>MIIP</i>	-0.221393	0.098784	-2.241188	0.0250139	0.538622077
<i>CYB561A3</i>	-0.321543	0.143493	-2.240822	0.02503761	0.538622077
<i>SMARCB1</i>	0.275637	0.123084	2.239426	0.02512823	0.538957086
<i>B3GNT2</i>	-0.41359	0.184711	-2.239126	0.0251477	0.538957086
<i>UBB</i>	0.163526	0.073047	2.238651	0.02517866	0.538957086
<i>CLIC4</i>	-0.278977	0.124742	-2.236429	0.0253237	0.540769931
<i>DUSP2</i>	-0.891828	0.398838	-2.236069	0.02534728	0.540769931
<i>VAMP1</i>	-0.419052	0.187529	-2.234599	0.0254437	0.541378963
<i>SMIM12</i>	-0.21221	0.094976	-2.234353	0.02545985	0.541378963
<i>DENND6A</i>	0.406568	0.182165	2.231861	0.02562414	0.543974786
<i>FAM111B</i>	-0.326995	0.146649	-2.229781	0.02576201	0.546001967
<i>ZNF827</i>	0.613148	0.275095	2.228862	0.02582306	0.546397383
<i>TPM4</i>	-0.200063	0.089815	-2.227492	0.02591444	0.547431948

<i>MFN1</i>	-0.340681	0.153156	-2.224408	0.02612101	0.550892529
<i>POLR2G</i>	0.186643	0.083958	2.223042	0.02621296	0.55117102
<i>ABHD15</i>	0.386817	0.174012	2.222941	0.02621976	0.55117102
<i>FIP1L1</i>	0.254676	0.114704	2.220292	0.02639892	0.552546992
<i>DNPEP</i>	0.282895	0.127432	2.21996	0.02642148	0.552546992
<i>ENSG00000271857</i>	1.457882	0.656796	2.219687	0.02644003	0.552546992
<i>SLC37A1</i>	-0.425837	0.191867	-2.219441	0.02645674	0.552546992
<i>ENSG00000275441</i>	-1.126339	0.508741	-2.213973	0.02683061	0.559448683
<i>MTG1</i>	0.371053	0.167835	2.210823	0.02704807	0.56307172
<i>SAMD1</i>	-0.558498	0.25277	-2.209511	0.02713913	0.56396083
<i>CCDC12</i>	0.145771	0.066002	2.208587	0.02720335	0.56396083
<i>RPUSD3</i>	0.231998	0.105057	2.208305	0.02722302	0.56396083
<i>USF3</i>	-0.386615	0.175179	-2.206965	0.02731651	0.56396083
<i>ADAM28</i>	0.199346	0.090332	2.206813	0.02732716	0.56396083
<i>COMMD5</i>	-0.315502	0.142991	-2.206438	0.02735337	0.56396083
<i>HAUS4</i>	-0.61031	0.276746	-2.205308	0.02743251	0.564689071
<i>BACE2</i>	-0.611189	0.277438	-2.202974	0.02759656	0.567051167
<i>GTF3C5</i>	0.321146	0.145815	2.202425	0.02763527	0.567051167
<i>HACD4</i>	-0.386985	0.175889	-2.200164	0.02779525	0.569330375
<i>ENSG00000259772</i>	-0.751649	0.341774	-2.199258	0.02785961	0.569330375
<i>BIN3</i>	-0.321989	0.146426	-2.198986	0.0278789	0.569330375
<i>RUNX2</i>	1.212432	0.551706	2.197604	0.02797737	0.570437354
<i>ROMO1</i>	-0.14705	0.066962	-2.196038	0.02808924	0.571813421
<i>CCDC86</i>	-0.696137	0.317095	-2.195363	0.02813759	0.571894371
<i>NEK1</i>	0.388509	0.177109	2.193618	0.02826288	0.573536098
<i>PPP1CC</i>	0.235584	0.107436	2.192792	0.02832236	0.573839535
<i>CCDC85B</i>	-0.172474	0.078767	-2.189666	0.02854846	0.577512465
<i>SNX8</i>	-0.308831	0.141124	-2.188372	0.0286425	0.578055849
<i>KCNN1</i>	1.538863	0.703299	2.188063	0.02866504	0.578055849
<i>FAAP20</i>	-0.21484	0.09833	-2.184897	0.02889638	0.581562862
<i>FURIN</i>	0.362469	0.16596	2.184072	0.02895696	0.581562862
<i>PPP1R16B</i>	0.376072	0.172207	2.183835	0.02897434	0.581562862
<i>LINS1</i>	-0.400295	0.183529	-2.181099	0.02917606	0.583679983
<i>CTF1</i>	1.789331	0.820747	2.180125	0.02924817	0.583679983
<i>TRAF4</i>	-0.422154	0.193638	-2.180117	0.0292488	0.583679983
<i>VWCE</i>	1.520267	0.697515	2.179549	0.02929092	0.583679983
<i>C22orf39</i>	-0.209663	0.096205	-2.179342	0.0293063	0.583679983
<i>POLR1C</i>	0.447676	0.205549	2.177956	0.02940934	0.584473692
<i>ENSG00000166928</i>	-1.403549	0.644543	-2.177586	0.02943686	0.584473692
<i>NFAT5</i>	0.270893	0.124513	2.175622	0.02958354	0.584897943
<i>TFAM</i>	0.282103	0.129667	2.1756	0.02958519	0.584897943
<i>MPPED2</i>	2.243387	1.031216	2.175477	0.0295944	0.584897943
<i>TP53I11</i>	-0.506795	0.2331	-2.174157	0.02969337	0.585602738
<i>DDAH2</i>	-0.180063	0.082834	-2.173789	0.02972095	0.585602738
<i>RABEP2</i>	-0.238793	0.109915	-2.172522	0.02981634	0.586050572
<i>FAM114A2</i>	0.408757	0.188173	2.172238	0.02983768	0.586050572
<i>DAPK2</i>	0.458197	0.210988	2.171676	0.02988012	0.586050572

WDFY2	-0.289202	0.133257	-2.170263	0.02998689	0.587250945
PMM1	-0.327234	0.151115	-2.16496	0.03039078	0.59425741
MPZL1	-0.455942	0.210662	-2.164334	0.03043873	0.59429305
SRP9	-0.129233	0.059754	-2.16274	0.03056122	0.59578188
ATAD2B	-0.393018	0.181957	-2.159949	0.03077661	0.598921171
FAM160B1	0.442619	0.204968	2.159451	0.03081521	0.598921171
ALKBH7	0.16143	0.074845	2.156844	0.03101782	0.601511468
BCL11A	-0.276142	0.128049	-2.156536	0.03104184	0.601511468
AUH	0.416266	0.193277	2.153727	0.03126157	0.604859779
TMEM256	-0.143269	0.066552	-2.152759	0.03133765	0.60527463
TMEM121	-1.124501	0.522475	-2.152259	0.03137696	0.60527463
SERINC5	-0.681691	0.317134	-2.149537	0.03159183	0.608138056
CTNND1	-0.575661	0.267851	-2.149184	0.03161978	0.608138056
SIDT1	-0.439339	0.204499	-2.148372	0.0316842	0.608468933
WDR7	0.642788	0.299321	2.147487	0.03175451	0.608911535
PROC	-1.38314	0.644393	-2.146424	0.03183919	0.609628315
PRDM8	0.691473	0.322446	2.144461	0.03199597	0.611721211
NECAP2	0.183933	0.085803	2.143655	0.03206053	0.612047462
PARP9	-0.302492	0.141154	-2.142989	0.032114	0.612161272
DALRD3	-0.244122	0.113973	-2.141926	0.03219943	0.612883063
C16orf74	0.359373	0.168007	2.139033	0.03243301	0.6164186
TRIM38	0.176786	0.082682	2.138146	0.0325049	0.616875071
ENSG00000250132	-1.439858	0.674062	-2.136089	0.03267213	0.618248412
ZFAND4	0.713954	0.334236	2.136076	0.03267322	0.618248412
UGT8	0.476019	0.222937	2.135217	0.03274332	0.618666248
ANKRD13A	0.2833	0.132744	2.134177	0.03282826	0.619362944
REC8	0.412764	0.193487	2.133298	0.03290025	0.619660038
EBF1	-0.264867	0.124187	-2.132812	0.03294018	0.619660038
PELI1	-0.356815	0.167456	-2.130803	0.0331054	0.621860296
LSM7	-0.219933	0.103463	-2.125714	0.03352712	0.625929521
CEP70	0.807045	0.379754	2.125179	0.03357164	0.625929521
SLC43A2	0.348229	0.163903	2.124597	0.03362026	0.625929521
ENSG00000273319	0.339442	0.159796	2.124217	0.03365196	0.625929521
LSR	-0.693752	0.326647	-2.123862	0.0336817	0.625929521
CSAD	0.395833	0.186443	2.123079	0.03374725	0.625929521
IMP3	0.142731	0.06723	2.123038	0.03375068	0.625929521
ANKRD39	0.344987	0.162561	2.122193	0.03382149	0.625929521
ZNF835	-0.871493	0.410786	-2.121526	0.03387755	0.625929521
SQSTM1	0.26439	0.124639	2.121247	0.03390101	0.625929521
NCF2	-0.580834	0.273828	-2.121164	0.03390799	0.625929521
SPATA2L	-0.426149	0.200915	-2.121048	0.03391778	0.625929521
C9orf16	-0.136338	0.064291	-2.120624	0.0339535	0.625929521
LETM2	-1.143164	0.539491	-2.118969	0.03409309	0.627604984
PECAM1	-0.548738	0.259068	-2.118119	0.03416503	0.628032148
TRIM26	0.397076	0.187533	2.117361	0.03422923	0.628315976
FAM129C	-0.254932	0.120508	-2.115482	0.03438891	0.630227922
ARHGEF1	0.293082	0.138608	2.114458	0.03447619	0.630227922

<i>SLC2A13</i>	0.495667	0.234467	2.114021	0.03451344	0.630227922
<i>UBE2F</i>	-0.267041	0.126333	-2.113785	0.03453365	0.630227922
<i>ZFP36L2</i>	-0.361548	0.171085	-2.113267	0.03457793	0.630227922
<i>PRDM2</i>	-0.1543	0.073063	-2.11187	0.03469764	0.631516626
<i>CLCN3</i>	0.348465	0.165054	2.11122	0.03475342	0.631639745
<i>UNC119</i>	-0.26387	0.125023	-2.110576	0.03480875	0.631754255
<i>PIH1D1</i>	-0.218924	0.103766	-2.109776	0.0348777	0.632115301
<i>ADAL</i>	-0.486977	0.230887	-2.109158	0.03493093	0.632190999
<i>KEAP1</i>	0.352782	0.167442	2.106889	0.03512717	0.634850989
<i>ATF3</i>	-0.80584	0.382584	-2.10631	0.03517743	0.634868824
<i>TRAPPC1</i>	-0.143876	0.068326	-2.105721	0.03522863	0.634903584
<i>SLC2A11</i>	0.437776	0.207973	2.104972	0.03529373	0.635111677
<i>EID1</i>	0.203543	0.09672	2.104455	0.03533875	0.635111677
<i>AIFM1</i>	0.404115	0.192231	2.102237	0.03553251	0.637704597
<i>UXT</i>	-0.114008	0.054287	-2.100095	0.03572049	0.640073576
<i>CYREN</i>	-0.27571	0.131316	-2.099602	0.03576385	0.640073576
<i>RNF24</i>	-0.539503	0.257196	-2.097635	0.0359374	0.642287538
<i>LY6E</i>	-0.278954	0.133173	-2.094668	0.0362005	0.645835775
<i>ZNF154</i>	-0.537774	0.256829	-2.093897	0.03626912	0.645835775
<i>PSMA5</i>	0.192528	0.091956	2.093705	0.03628629	0.645835775
<i>ISOC1</i>	-0.415295	0.198627	-2.090828	0.03654347	0.649516
<i>MRPL24</i>	0.308353	0.147749	2.087013	0.036887	0.654718787
<i>C9orf139</i>	0.422902	0.202803	2.085282	0.03704375	0.656596668
<i>TFEB</i>	0.234093	0.112291	2.084697	0.03709682	0.65663405
<i>INKA2</i>	-0.681637	0.327087	-2.083961	0.03716375	0.656916473
<i>SNAP23</i>	0.178698	0.085813	2.082413	0.03730473	0.658505183
<i>RUBCNL</i>	0.262113	0.125943	2.081204	0.03741528	0.659543107
<i>PRX</i>	1.426858	0.685887	2.080311	0.03749698	0.659543107
<i>DDX28</i>	0.395261	0.190021	2.080092	0.03751708	0.659543107
<i>TIAM2</i>	0.477791	0.229925	2.078024	0.03770713	0.661981098
<i>RECQL</i>	-0.260273	0.125418	-2.075249	0.03796344	0.664702552
<i>NIFK</i>	0.20252	0.097589	2.075229	0.03796532	0.664702552
<i>RPS19</i>	0.161766	0.078163	2.069585	0.03849121	0.670432373
<i>KLHL5</i>	-0.33747	0.163073	-2.06944	0.0385048	0.670432373
<i>QSOX2</i>	-0.386959	0.186988	-2.069432	0.03850557	0.670432373
<i>HMGN1</i>	-0.136599	0.066021	-2.069034	0.0385429	0.670432373
<i>HAUS8</i>	0.366481	0.177136	2.068929	0.03855272	0.670432373
<i>RUNX1</i>	-0.533248	0.257902	-2.067643	0.03867357	0.671021597
<i>TNFRSF17</i>	0.642299	0.31067	2.067461	0.03869075	0.671021597
<i>RCBTB2</i>	-0.907649	0.439344	-2.065918	0.0388362	0.671521775
<i>ZNF133</i>	0.795028	0.384908	2.065501	0.03887564	0.671521775
<i>TCAF2</i>	0.449746	0.217742	2.065498	0.03887593	0.671521775
<i>PDIA6</i>	0.210175	0.10188	2.062963	0.03911617	0.674641031
<i>MSC</i>	-0.743887	0.360674	-2.062489	0.03916122	0.674641031
<i>TPM3</i>	-0.132926	0.064559	-2.058985	0.03949569	0.677475415
<i>SLAMF1</i>	-0.766392	0.37222	-2.058978	0.03949632	0.677475415
<i>PHB2</i>	-0.1567	0.07611	-2.058851	0.03950851	0.677475415

<i>GDPD5</i>	-0.618897	0.300645	-2.058564	0.03953605	0.677475415
<i>RFX5</i>	0.206839	0.100516	2.057771	0.0396121	0.677877182
<i>LINC00894</i>	1.995285	0.970346	2.05626	0.03975744	0.679461958
<i>LY75</i>	-0.424165	0.206463	-2.054435	0.0399336	0.681568756
<i>RNMT</i>	-0.217427	0.105911	-2.052916	0.04008077	0.683072952
<i>RASSF5</i>	-0.247238	0.120461	-2.052431	0.04012775	0.683072952
<i>KCNMB4</i>	-1.832278	0.893933	-2.049681	0.04039557	0.68551004
<i>WIPF1</i>	-0.131474	0.064152	-2.049407	0.04042236	0.68551004
<i>HDLBP</i>	0.257507	0.125655	2.049323	0.04043052	0.68551004
<i>IMPAD1</i>	0.506815	0.247615	2.046785	0.04067919	0.68807422
<i>ENSG00000250303</i>	-0.553021	0.270203	-2.04669	0.04068854	0.68807422
<i>CNTRL</i>	-0.169076	0.082664	-2.04533	0.04082232	0.689431737
<i>NEK7</i>	-0.416045	0.203796	-2.04148	0.0412031	0.694951745
<i>PSME2</i>	0.195335	0.09574	2.040279	0.04132257	0.696055678
<i>SIGLEC5</i>	0.816391	0.400246	2.039723	0.04137794	0.696078442
<i>POLRMT</i>	0.472251	0.231744	2.037811	0.04156886	0.698378524
<i>AGPAT2</i>	-0.239093	0.117376	-2.036989	0.0416511	0.69884901
<i>GADD45G</i>	-2.001874	0.984388	-2.033624	0.04198954	0.703611436
<i>TMEM128</i>	0.306624	0.150836	2.032829	0.0420698	0.704040758
<i>FAM219B</i>	-0.216246	0.106438	-2.031654	0.04218869	0.705114647
<i>FAM217B</i>	0.306594	0.151044	2.029836	0.04237319	0.706420026
<i>ENSG00000261200</i>	1.08251	0.53338	2.029527	0.04240464	0.706420026
<i>WAC.AS1</i>	0.246333	0.121395	2.029184	0.04243951	0.706420026
<i>WFS1</i>	1.421618	0.70086	2.028392	0.04252027	0.706420026
<i>IFIT1</i>	-1.572046	0.775098	-2.02819	0.04254089	0.706420026
<i>CXCL16</i>	0.401324	0.197939	2.027521	0.0426092	0.706643691
<i>PLIN2</i>	0.401698	0.198431	2.024377	0.04293137	0.7111071472
<i>NAA40</i>	-0.410233	0.202733	-2.023516	0.04301997	0.711624248
<i>STK40</i>	-0.320393	0.158546	-2.020822	0.04329819	0.715122244
<i>AKT3</i>	-0.335951	0.16628	-2.020395	0.04334242	0.715122244
<i>ENSG00000269968</i>	-0.653615	0.323749	-2.018895	0.04349817	0.716774265
<i>LBX2.AS1</i>	-1.421387	0.704578	-2.017359	0.04365803	0.718489561
<i>DDX42</i>	0.260185	0.129131	2.014896	0.04391559	0.721487695
<i>SP140</i>	0.15833	0.078613	2.014039	0.04400543	0.721487695
<i>LIPA</i>	0.244862	0.121585	2.013927	0.04401715	0.721487695
<i>FAM32A</i>	-0.177174	0.087994	-2.01348	0.04406416	0.721487695
<i>RTP4</i>	0.459026	0.228099	2.012402	0.0441776	0.722427079
<i>NFIC</i>	0.355419	0.176779	2.010524	0.04437575	0.724747667
<i>STMN1</i>	-0.314457	0.156455	-2.009893	0.04444254	0.724919693
<i>HSP90AB1</i>	-0.10182	0.050685	-2.008882	0.04454961	0.725747432
<i>IGLC2</i>	-0.378776	0.188616	-2.008183	0.04462389	0.726039714
<i>ITPKB</i>	-0.29628	0.147685	-2.006167	0.04483843	0.728610352
<i>FNBP1</i>	0.200518	0.100011	2.004955	0.04496781	0.729792501
<i>PSD3</i>	-0.751997	0.375245	-2.004018	0.04506818	0.730282464
<i>ENSG00000223881</i>	0.800331	0.399444	2.003615	0.04511135	0.730282464
<i>LMAN1</i>	0.281933	0.140763	2.00289	0.04518914	0.730623872
<i>IDI1</i>	-0.178935	0.089451	-2.00037	0.04546034	0.734087704

<i>TENT5C</i>	-0.335258	0.167729	-1.998805	0.04562943	0.735316756
<i>LRRC58</i>	-0.239469	0.119818	-1.99861	0.04565058	0.735316756
<i>U2AF1L4</i>	-0.242088	0.121376	-1.994529	0.04609431	0.741537101
<i>ENSG00000267390</i>	0.409055	0.205338	1.992109	0.04635911	0.744403888
<i>UTP3</i>	0.255969	0.128554	1.99114	0.04646548	0.744403888
<i>TMEM242</i>	-0.246229	0.123669	-1.991038	0.04647666	0.744403888
<i>RGL2</i>	-0.405487	0.203681	-1.990794	0.04650358	0.744403888
<i>INSIG1</i>	-0.186129	0.09363	-1.98791	0.04682159	0.747573029
<i>CRYM.AS1</i>	-1.126905	0.566907	-1.987811	0.04683258	0.747573029
<i>PGD</i>	-0.232237	0.116863	-1.987262	0.04689339	0.747573029
<i>M6PR</i>	0.197287	0.099298	1.98681	0.04694349	0.747573029
<i>ENSG00000272356</i>	0.828222	0.417036	1.985972	0.04703648	0.747573029
<i>ABI2</i>	-0.276494	0.139251	-1.985582	0.04707977	0.747573029
<i>ING2</i>	-0.38468	0.193761	-1.985331	0.04710766	0.747573029
<i>ENSG00000267519</i>	-0.316654	0.159746	-1.982242	0.04745217	0.752113934
<i>BACH1.AS1</i>	0.957411	0.483631	1.979632	0.04774493	0.755824568
<i>ORAI2</i>	0.167358	0.0846	1.978215	0.04790443	0.756492178
<i>MAP3K11</i>	-0.260701	0.131786	-1.978214	0.04790452	0.756492178
<i>CLEC17A</i>	0.512395	0.259348	1.975705	0.04818824	0.75980879
<i>PLEKHJ1</i>	-0.234145	0.118545	-1.975158	0.0482502	0.75980879
<i>CD2AP</i>	0.307351	0.155689	1.97413	0.04836702	0.75980879
<i>PAN3.AS1</i>	-1.18562	0.600594	-1.974078	0.04837287	0.75980879
<i>COPS6</i>	0.151822	0.076928	1.973559	0.04843192	0.75980879
<i>MRM1</i>	0.61121	0.30975	1.973239	0.04846832	0.75980879
<i>FAM120A</i>	-0.207311	0.105127	-1.972003	0.04860931	0.761093082
<i>SYPL1</i>	-0.175085	0.088817	-1.971311	0.04868831	0.761404858
<i>ZMAT3</i>	-0.280928	0.142564	-1.970537	0.04877682	0.761700739
<i>PYCARD</i>	-0.200132	0.101584	-1.970113	0.04882546	0.761700739
<i>PIP4K2A</i>	-0.208149	0.105784	-1.967681	0.04910471	0.765130884
<i>ENSG00000275418</i>	-1.705396	0.867139	-1.966694	0.0492185	0.765977681
<i>ITGB1</i>	0.376965	0.191828	1.965122	0.04940013	0.767877091



<b>Cluster 6</b>	<b>log2FC</b>	<b>lfcSE</b>	<b>stat</b>	<b>pvalue</b>	<b>padj</b>
<i>VPREB3</i>	2.398998	0.203538	11.786475	< 2.22e-16	< 2.22e-16
<i>RIMS3</i>	-5.167318	1.001637	-5.158873	2.48E-07	0.00128195
<i>ENSG00000260526</i>	-4.125399	0.852792	-4.837518	1.31E-06	0.00452259
<i>EDA2R</i>	-4.021795	0.861283	-4.669537	3.02E-06	0.00684525
<i>NRG2</i>	-4.327405	0.930589	-4.650177	3.32E-06	0.00684525
<i>LCA5</i>	-4.897325	1.069226	-4.58025	4.64E-06	0.00764376
<i>ENSG00000269242</i>	-4.18984	0.919395	-4.557171	5.18E-06	0.00764376
<i>ENSG00000272455</i>	-4.841394	1.075238	-4.502626	6.71E-06	0.00789628
<i>ENSG00000254281</i>	-3.84343	0.854632	-4.497173	6.89E-06	0.00789628
<i>STEAP1B</i>	-3.874637	0.872533	-4.440678	8.97E-06	0.00925456
<i>ENSG00000269737</i>	-4.208938	0.966671	-4.354054	1.34E-05	0.011862
<i>EFNB1</i>	-3.871302	0.890542	-4.34713	1.38E-05	0.011862
<i>KLHL17</i>	-3.704641	0.858975	-4.312861	1.61E-05	0.01279326
<i>PRKCD</i>	-3.803037	0.888424	-4.280655	1.86E-05	0.01305754
<i>ENSG00000255882</i>	-4.022862	0.943551	-4.263534	2.01E-05	0.01305754
<i>LINC01550</i>	-4.34193	1.018711	-4.26218	2.02E-05	0.01305754
<i>DNAAF5</i>	-3.494397	0.833306	-4.193414	2.75E-05	0.01668119
<i>ENSG00000250222</i>	-4.213041	1.009901	-4.171736	3.02E-05	0.01733114
<i>MMP14</i>	-4.860452	1.172839	-4.144175	3.41E-05	0.0185238
<i>PEX7</i>	-3.487203	0.84625	-4.120772	3.78E-05	0.01871218
<i>TTLL1</i>	-4.583909	1.11291	-4.118848	3.81E-05	0.01871218
<i>MON1A</i>	-3.714765	0.912946	-4.068986	4.72E-05	0.02124004
<i>LINC02362</i>	-4.934308	1.213878	-4.064914	4.81E-05	0.02124004
<i>TUNAR</i>	-3.846624	0.947802	-4.058469	4.94E-05	0.02124004
<i>DOCK7</i>	-3.292774	0.817924	-4.025771	5.68E-05	0.02245931
<i>DOCK9.DT</i>	-4.097002	1.018956	-4.020785	5.80E-05	0.02245931
<i>TTC30B</i>	-3.857915	0.963479	-4.004153	6.22E-05	0.02245931
<i>LRRC7</i>	-3.109566	0.777362	-4.000152	6.33E-05	0.02245931
<i>RPGRIP1L</i>	-3.439908	0.861063	-3.994956	6.47E-05	0.02245931
<i>BORCS8.MEF2B</i>	-5.014476	1.255869	-3.992832	6.53E-05	0.02245931
<i>KIF9.AS1</i>	-3.666927	0.921242	-3.980416	6.88E-05	0.02263599
<i>ENSG00000262429</i>	-3.567989	0.897462	-3.975644	7.02E-05	0.02263599
<i>SCAT1</i>	-4.683505	1.180855	-3.966199	7.30E-05	0.02264674
<i>C11orf65</i>	-4.689411	1.185613	-3.955262	7.65E-05	0.02264674
<i>UBTD2</i>	-3.459114	0.876161	-3.948033	7.88E-05	0.02264674
<i>TFR2</i>	-3.944148	0.999173	-3.947413	7.90E-05	0.02264674
<i>CFAP53</i>	-4.527794	1.150363	-3.935969	8.29E-05	0.02290411
<i>DOK2</i>	-3.74273	0.95193	-3.93173	8.43E-05	0.02290411
<i>MTCL1</i>	-3.874723	0.98824	-3.920832	8.82E-05	0.02335067
<i>ETS2</i>	-4.775205	1.219986	-3.914148	9.07E-05	0.02340676
<i>ENSG00000261845</i>	-3.845214	0.984296	-3.906561	9.36E-05	0.02356461
<i>MYLK</i>	-4.546023	1.16574	-3.89969	9.63E-05	0.02366621
<i>RUSC1.AS1</i>	-3.945453	1.016404	-3.881778	0.000103696	0.02488694
<i>SUOX</i>	-4.43226	1.144944	-3.871159	0.000108319	0.02540577
<i>LINC01011</i>	-4.442503	1.149527	-3.864636	0.000111255	0.02551449
<i>FITM1</i>	-4.446148	1.153677	-3.853892	0.000116255	0.02608149

NKX6.3	-3.905024	1.017993	-3.836002	0.000125054	0.02689026
LILRB3	-3.425206	0.892919	-3.835967	0.000125071	0.02689026
FAM66C	-3.500045	0.914734	-3.8263	0.000130084	0.02739727
CCNF	-2.946367	0.771533	-3.818847	0.000134077	0.02767351
ZNF778	-3.177171	0.833927	-3.809892	0.000139027	0.02813262
ENSG00000272323	-3.141245	0.82734	-3.796799	0.000146576	0.02908978
TESMIN	-3.819005	1.008768	-3.785813	0.000153207	0.02947101
FBXL18	-3.241699	0.856642	-3.784192	0.000154209	0.02947101
ENSG00000274922	-5.552477	1.47433	-3.766102	0.000165816	0.03110746
MORN4	-3.734529	0.994498	-3.755192	0.000173209	0.03110746
NLRX1	-3.212485	0.856005	-3.752882	0.000174813	0.03110746
GNMT	-4.312586	1.149147	-3.75286	0.000174829	0.03110746
MPZ	-2.957587	0.789586	-3.745746	0.000179858	0.03135851
NR2F6	-3.613754	0.96662	-3.738546	0.000185088	0.03135851
ENSG00000267731	-3.383145	0.905024	-3.738182	0.000185356	0.03135851
YY2	-3.61555	0.970452	-3.725637	0.000194823	0.03194385
DSP	-3.107111	0.834096	-3.725123	0.00019522	0.03194385
KCTD21	-4.078626	1.096127	-3.720943	0.000198481	0.03194385
FAM214B	-2.774365	0.746635	-3.715826	0.000202541	0.03194385
DNASE1L3	-3.008675	0.810167	-3.713649	0.000204292	0.03194385
STAM	-2.619392	0.708722	-3.695936	0.000219078	0.03288635
CA3.AS1	-5.642094	1.527626	-3.693373	0.000221299	0.03288635
ENSG00000272750	-2.921729	0.791337	-3.692141	0.000222374	0.03288635
PRICKLE3	-3.155034	0.85471	-3.691351	0.000223066	0.03288635
CABP4	-2.947856	0.800761	-3.681318	0.000232031	0.03306141
ENSG00000269973	-3.479697	0.945278	-3.681136	0.000232197	0.03306141
KIF18A	-3.43613	0.933906	-3.679311	0.000233865	0.03306141
TTC22	-4.808618	1.310051	-3.670558	0.000242021	0.03375218
ENSG00000271855	-3.705484	1.014062	-3.654099	0.000258086	0.03551268
FBXL19.AS1	-2.814771	0.771252	-3.649614	0.000262635	0.03566307
ZNF687.AS1	-3.562818	0.977671	-3.644191	0.000268235	0.03586075
RPP40	-3.089919	0.848526	-3.641513	0.000271041	0.03586075
TRAM2.AS1	-3.20783	0.88724	-3.615517	0.000299749	0.03905293
ADNP.AS1	-3.733385	1.033335	-3.612948	0.000302736	0.03905293
PAK1	-3.064607	0.849034	-3.609523	NA	NA
ENSG00000228242	-5.384954	1.494191	-3.603927	0.000313445	0.03993525
DCLRE1B	-3.250855	0.903101	-3.599657	0.000318637	0.04010162
EGLN3	-4.804824	1.339552	-3.586889	0.000334647	0.04129041
PRRG2	-2.822238	0.787066	-3.58577	0.000336085	0.04129041
PLAAT4	2.053964	0.574489	3.575291	0.000349839	0.04168856
PEAK3	-4.080305	1.141274	-3.575219	0.000349934	0.04168856
ENSG00000233818	-4.985398	1.394871	-3.574093	0.000351444	0.04168856
ENSG0000042317	-4.130983	1.157234	-3.569703	0.000357386	0.04191163
ENSG00000272941	-3.277561	0.919008	-3.566411	0.000361903	0.04196451
ZNF624	-3.086788	0.866695	-3.561563	0.000368654	0.04208215
ENSG00000175773	-5.239481	1.471828	-3.559845	0.000371073	0.04208215
SEC61A2	-2.63324	0.741372	-3.551845	0.00038254	0.04291102

<i>NPEPL1</i>	-2.729884	0.770632	-3.542398	0.000396507	0.04399949
<i>ENSG00000272821</i>	-4.440453	1.255205	-3.537631	0.000403733	0.04432477
<i>ENSG00000273226</i>	-3.41913	0.96992	-3.525167	0.000423216	0.04524716
<i>SLC35E4</i>	-4.653346	1.320466	-3.524019	0.000425054	0.04524716
<i>FSTL3</i>	-3.109234	0.882334	-3.523873	0.000425288	0.04524716
<i>IQCK</i>	-3.011326	0.855732	-3.519008	0.000433164	0.04561477
<i>ENSG00000261542</i>	-3.709394	1.061484	-3.494534	0.00047489	0.04903247
<i>POMT2</i>	-3.815747	1.091959	-3.494404	0.000475121	0.04903247
<i>ENSG00000270871</i>	-4.236244	1.214806	-3.487178	0.000488147	0.04987797
<i>TRPV1</i>	-3.532576	1.013879	-3.484217	0.000493579	0.04993854
<i>CDCA5</i>	-4.759384	1.367524	-3.480291	0.000500869	0.05018413
<i>LINC00887</i>	-4.785735	1.378655	-3.471307	0.000517932	0.05087775
<i>ENSG00000251034</i>	-3.429275	0.989654	-3.465127	0.000529981	0.05087775
<i>CHEK2</i>	-2.927888	0.845368	-3.463449	0.000533298	0.05087775
<i>ZNF862</i>	-4.033071	1.16489	-3.46219	0.000535799	0.05087775
<i>MSANTD3</i>	-2.819357	0.814344	-3.462119	0.00053594	0.05087775
<i>CHKB.DT</i>	-3.61049	1.043258	-3.460785	0.000538603	0.05087775
<i>LRRC3</i>	-3.881096	1.122047	-3.458942	0.000542302	0.05087775
<i>ENSG00000260879</i>	-3.183433	0.921722	-3.453788	0.000552772	0.05130562
<i>ENKD1</i>	-2.956688	0.857182	-3.449313	0.000562015	0.05130562
<i>PPP1R3D</i>	-3.012203	0.874426	-3.444777	0.000571531	0.05130562
<i>NRSN2</i>	-3.128599	0.908241	-3.444679	0.000571737	0.05130562
<i>POLR1B</i>	-2.83851	0.824239	-3.443795	0.000573611	0.05130562
<i>RAB3A</i>	-3.499463	1.016592	-3.442346	0.000576691	0.05130562
<i>ENSG00000273576</i>	-3.230707	0.93972	-3.437946	NA	NA
<i>LMNTD1</i>	-3.023067	0.880233	-3.434396	0.000593876	0.05154893
<i>TBC1D16</i>	-3.415565	0.994953	-3.432889	0.000597186	0.05154893
<i>NPHP4</i>	-3.901238	1.136677	-3.432142	0.000598833	0.05154893
<i>HDX</i>	-4.180261	1.218121	-3.431728	0.000599748	0.05154893
<i>ENSG00000179979</i>	-3.740624	1.091251	-3.427832	0.000608421	0.05154893
<i>ACTL10</i>	-3.232564	0.943154	-3.427398	0.000609396	0.05154893
<i>ENSG00000226853</i>	-5.030499	1.469038	-3.424349	0.000616275	0.05170696
<i>ZSCAN30</i>	-2.312337	0.676597	-3.417599	0.000631762	0.05257892
<i>C16orf46</i>	-4.210545	1.235031	-3.409261	0.000651391	0.05370047
<i>LIG4</i>	-2.60251	0.764163	-3.405701	0.000659943	0.05370047
<i>ADPRH</i>	-3.2079	0.942024	-3.405327	0.000660849	0.05370047
<i>ZMYM1</i>	-2.464825	0.725161	-3.399003	0.000676321	0.05452834
<i>TSPAN32</i>	-3.26166	0.960615	-3.395387	0.000685316	0.05466684
<i>ENSG00000231105</i>	-4.72428	1.391924	-3.394065	0.000688633	0.05466684
<i>ARHGAP19</i>	-2.523122	0.744025	-3.39118	0.000695924	0.05470289
<i>TMEM164</i>	-3.486981	1.028438	-3.390561	NA	NA
<i>HIST3H2A</i>	-3.856289	1.137649	-3.389701	0.000699688	0.05470289
<i>POLE2</i>	-3.679127	1.087092	-3.384376	0.000713403	0.05513297
<i>ENSG00000279571</i>	-4.99802	1.477207	-3.383426	0.000715874	0.05513297
<i>TIGD2</i>	-2.829888	0.837385	-3.379434	0.000726353	0.05552566
<i>ENSG00000229729</i>	-2.699717	0.799362	-3.377338	0.000731911	0.05553917
<i>ZDHC9</i>	-3.900873	1.157008	-3.371518	0.000747551	0.05573145

SACS	-2.859752	0.848294	-3.371181	0.000748467	0.05573145
APOO	-2.552369	0.757294	-3.37038	0.000750646	0.05573145
ZNF18	-3.179919	0.94519	-3.364318	0.00076733	0.05636206
ATXN7L2	-3.149872	0.936532	-3.363337	0.000770063	0.05636206
KANK1	-3.557882	1.058576	-3.361007	NA	NA
AMY2B	-3.24104	0.965542	-3.356705	0.000788771	0.05732478
LY86.AS1	-3.562673	1.062368	-3.353521	0.000797904	0.05733628
MMAA	-2.691076	0.80264	-3.352781	0.000800041	0.05733628
ENSG00000224046	-2.852037	0.851657	-3.348808	0.000811601	0.0574775
KLHL23	-3.264355	0.974935	-3.348279	0.000813151	0.0574775
MAMLD1	-4.859202	1.455732	-3.337978	NA	NA
CUBN	-4.114567	1.235128	-3.331287	0.000864454	0.06068818
ENSG00000260081	-3.048897	0.916462	-3.326812	0.000878455	0.06125442
HLCS	-3.108206	0.935158	-3.323723	0.000888245	0.0615214
DLGAP3	-4.461326	1.343549	-3.320554	0.000898389	0.06180917
SDCBP2	-4.412018	1.330759	-3.315414	0.000915074	0.06211332
SEMA4F	-2.931694	0.884712	-3.313728	0.000920609	0.06211332
BNIP1	-3.729451	1.125481	-3.31365	0.000920866	0.06211332
ENSG00000272588	-3.286454	0.993652	-3.30745	0.000941496	0.06309249
KCNMB4	-3.909978	1.18417	-3.301873	0.000960415	0.06364056
ENSG00000249476	-2.818741	0.8538	-3.301408	0.000962009	0.06364056
PART1	-3.761656	1.14281	-3.291585	0.000996247	0.06470832
SCD	-3.315942	1.007757	-3.290418	0.001000386	0.06470832
CEP70	-3.881799	1.179858	-3.290056	0.001001676	0.06470832
LACTB2.AS1	-2.84584	0.865716	-3.287267	0.001011648	0.06470832
SEMA3D	-4.315024	1.312699	-3.287139	0.00101211	0.06470832
MIR22HG	-3.275872	0.996881	-3.286122	0.00101577	0.06470832
ENSG00000234665	-4.876589	1.48745	-3.278489	0.001043645	0.06594748
ENSG00000260219	-3.60513	1.100372	-3.276284	0.001051829	0.06594748
ZNF416	-2.468212	0.753515	-3.275596	0.001054393	0.06594748
KRBA2	-3.013205	0.92151	-3.269857	0.00107602	0.06689475
KDM1B	-3.337258	1.021162	-3.268098	0.001082729	0.06690876
HLA.DQB2	-3.755159	1.150887	-3.262838	0.001103024	0.06775718
ENSG00000278831	-3.96782	1.21784	-3.258081	0.001121684	0.06825556
LINC02604	-3.68793	1.13225	-3.25717	0.00112529	0.06825556
IGIP	-2.823666	0.867845	-3.253652	0.00113932	0.06825556
NIPAL4	-2.640692	0.811742	-3.253119	0.001141459	0.06825556
MMP25.AS1	-2.570065	0.790197	-3.252435	0.001144207	0.06825556
ENSG00000236514	-2.463099	0.758815	-3.245983	0.001170458	0.06901608
HIST1H4E	-3.023311	0.931774	-3.244685	0.001175808	0.06901608
PRKCI	-2.818437	0.869191	-3.2426	0.001184445	0.06901608
PSPH	-2.510956	0.774411	-3.242409	0.001185238	0.06901608
ZNF512B	-3.77413	1.164434	-3.241172	0.001190394	0.06901608
PTPRJ	-3.921015	1.21073	-3.238555	0.001201368	0.06926325
ENSG00000272010	-3.93619	1.216526	-3.235598	0.001213881	0.06959587
NUDT8	-2.532327	0.783881	-3.2305	0.001235741	0.06992444
IFT46	-2.566647	0.794587	-3.230164	0.001237192	0.06992444

<i>GCNT1</i>	-2.716194	0.841049	-3.22953	0.001239939	0.06992444
<i>ENSG00000238260</i>	-3.639212	1.127459	-3.227801	0.001247458	0.06996613
<i>EXD2</i>	-3.169497	0.983091	-3.224012	0.001264083	0.07042853
<i>ENSG00000240219</i>	-4.307335	1.337035	-3.221557	0.00127496	0.07042853
<i>RHPN1</i>	-2.758824	0.856436	-3.221284	0.001276176	0.07042853
<i>LEKR1</i>	-3.756345	1.167902	-3.216319	0.001298464	0.07127737
<i>PIK3R2</i>	-2.912027	0.90758	-3.208563	0.001333999	0.07284056
<i>MTFR2</i>	-3.626688	1.130934	-3.206807	0.00134217	0.072901
<i>MAP3K10</i>	-3.695985	1.153443	-3.204307	0.001353882	0.07315217
<i>AGBL5</i>	-2.7487	0.858495	-3.201765	0.001365882	0.07330167
<i>CAB39L</i>	-3.563841	1.113878	-3.199489	0.001376715	0.07330167
<i>CLCN4</i>	-3.349161	1.047017	-3.198766	0.00138017	0.07330167
<i>PAG1</i>	-2.485823	0.777513	-3.197146	0.001387946	0.07330167
<i>C17orf58</i>	-3.868296	1.210253	-3.196271	0.001392163	0.07330167
<i>TMPRSS13</i>	-3.630838	1.139109	-3.187436	0.001435402	0.07505791
<i>C1orf159</i>	-2.768466	0.868813	-3.186491	0.001440098	0.07505791
<i>CAPN3</i>	-3.141899	0.986455	-3.18504	0.001447338	0.07505791
<i>ENSG00000267469</i>	-2.924437	0.920091	-3.178421	0.001480795	0.07640905
<i>ENSG00000247765</i>	-3.492106	1.099867	-3.175026	0.00149823	0.07670695
<i>EHBP1L1</i>	-2.181921	0.687348	-3.174406	0.001501434	0.07670695
<i>ZC4H2</i>	-3.407431	1.075152	-3.169254	0.001528307	0.07728382
<i>NDC1</i>	-2.490428	0.786022	-3.168393	0.00153284	0.07728382
<i>ALDH7A1</i>	-4.604992	1.45362	-3.167948	0.001535192	0.07728382
<i>MACROD2</i>	-3.201606	1.011404	-3.165507	0.001548127	0.07755666
<i>DHX32</i>	-2.873851	0.909186	-3.160904	0.001572805	0.07811062
<i>PTGS1</i>	-3.191974	1.010022	-3.160301	0.001576063	0.07811062
<i>CSRNP2</i>	-2.917432	0.923692	-3.158446	0.001586128	0.07811062
<i>TNFSF8</i>	-4.195958	1.329243	-3.156653	0.001595909	0.07811062
<i>ENSG00000278932</i>	-3.826659	1.21233	-3.156449	0.001597029	0.07811062
<i>ENSG00000247121</i>	-2.713115	0.860915	-3.151433	0.001624717	0.07908999
<i>LDLR</i>	-3.453749	1.097736	-3.146247	0.0016538	0.08012779
<i>BBC3</i>	-2.39947	0.763015	-3.14472	0.001662457	0.08017085
<i>SHPK</i>	-2.367097	0.753584	-3.141118	0.00168304	0.08078592
<i>CKAP5</i>	-2.321548	0.74021	-3.136336	0.001710729	0.08141824
<i>SLC35D1</i>	-2.254322	0.718825	-3.13612	0.001711992	0.08141824
<i>ARL6</i>	-3.821935	1.220222	-3.132163	0.001735235	0.08214506
<i>ZNF142</i>	-2.715292	0.868701	-3.125694	0.001773862	0.08338511
<i>HMG3.AS1</i>	-4.13163	1.322359	-3.124439	0.001781442	0.08338511
<i>ENSG00000280011</i>	-3.152186	1.009106	-3.123742	0.00178567	0.08338511
<i>PARPBP</i>	-2.485522	0.79699	-3.118636	0.0018169	0.08409163
<i>POLE</i>	-2.798369	0.897314	-3.118605	0.001817096	0.08409163
<i>IRAK1BP1</i>	-2.902662	0.931573	-3.115873	NA	NA
<i>AHI1</i>	2.027739	0.651876	3.110619	0.001866959	0.08601346
<i>ENSG00000258623</i>	-2.860982	0.920162	-3.109216	0.001875843	0.08603869
<i>NOTCH1</i>	-2.140962	0.689154	-3.106651	0.001892194	0.08640463
<i>PKD2</i>	-3.310615	1.066902	-3.103016	0.001915593	0.08691742
<i>ENSG00000268400</i>	-3.350807	1.080106	-3.102294	0.001920269	0.08691742

TAF1A.AS1	-3.126288	1.008336	-3.100441	0.001932325	0.08708119
LINC02453	-3.635038	1.174494	-3.094983	0.001968241	0.08781241
ENSG00000261351	-2.736258	0.884164	-3.094739	0.001969858	0.08781241
KIAA1324L	-2.800463	0.90586	-3.091496	0.001991507	0.08781241
ADNP2	-3.074121	0.994777	-3.090263	0.001999797	0.08781241
DCBLD1	-3.178094	1.028483	-3.09008	0.002001025	0.08781241
CD38	1.779398	0.576028	3.089081	0.002007765	0.08781241
GNE	-2.497922	0.808643	-3.08903	0.002008113	0.08781241
ENSG00000260806	-4.227174	1.370825	-3.083671	0.002044633	0.08870691
BRICD5	-2.546845	0.825957	-3.083507	0.00204576	0.08870691
NUSAP1	-2.569461	0.833899	-3.081262	0.002061249	0.08900454
TNFSF13B	-3.043429	0.988527	-3.078751	NA	NA
ARMC5	-2.968671	0.964679	-3.077368	0.002088372	0.08979998
ZNF554	-3.666642	1.192678	-3.074293	0.002110021	0.089814
RAB40C	-2.836495	0.923511	-3.071424	0.002130406	0.089814
HOXB2	-2.313424	0.753701	-3.069421	0.002144744	0.089814
IQGAP2	-2.24789	0.73249	-3.068834	0.002148956	0.089814
ENSG00000276509	-1.963352	0.639802	-3.068684	0.002150039	0.089814
CD1D	1.917144	0.625299	3.065963	0.002169703	0.089814
KIFC2	-2.670815	0.871154	-3.065834	0.002170638	0.089814
MPND	-2.374872	0.774754	-3.065323	0.002174347	0.089814
PIGN	-3.101769	1.012309	-3.064054	0.002183593	0.089814
PSEN2	-2.497214	0.815196	-3.06333	0.002188885	0.089814
ENSG00000242349	-2.651453	0.865688	-3.062826	0.002192574	0.089814
MALT1	-1.834874	0.599208	-3.062166	0.002197417	0.089814
ZNF346	-1.945092	0.635483	-3.060807	0.002207414	0.089814
RGS12	-2.93364	0.959114	-3.058699	0.002223002	0.089814
HLX	-3.598661	1.17662	-3.058473	0.002224682	0.089814
TVP23C	-2.42819	0.794036	-3.058034	0.002227944	0.089814
GPR180	-2.317601	0.758391	-3.055946	0.002243519	0.09008995
CCDC152	-2.445733	0.800707	-3.054467	0.00225461	0.09018438
CORO2B	-3.47848	1.139942	-3.051453	0.002277365	0.09074288
NRIP2	-2.711394	0.88984	-3.047057	0.00231094	0.0912037
PEG10	-3.179617	1.043773	-3.046273	0.002316976	0.0912037
EAF1.AS1	-3.030847	0.995279	-3.045222	0.002325083	0.0912037
ENSG00000272058	-2.359317	0.774799	-3.045068	0.002326275	0.0912037
SOX12	-2.150159	0.706317	-3.044185	0.002333118	0.0912037
ENSG00000229043	-3.114231	1.023892	-3.041562	NA	NA
IQC�	-2.459249	0.808806	-3.040591	0.002361146	0.09195104
ENSG00000258646	-3.745214	1.232595	-3.038478	0.002377766	0.09225018
FAM174A	-2.076234	0.683849	-3.036098	0.002396618	0.09240297
ACVR1B	-4.688807	1.544415	-3.035976	NA	NA
C19orf44	-3.362897	1.107783	-3.0357	0.002399776	0.09240297
BPNT1	-2.540745	0.837685	-3.033057	0.002420902	0.09240297
ENSG00000262151	-2.867587	0.945548	-3.032725	0.002423564	0.09240297
VPS13B	-1.907605	0.629082	-3.032363	0.002426473	0.09240297
ENSG00000275672	-2.71387	0.895572	-3.030321	0.002442941	0.09255643

<i>CABLES1</i>	-2.205369	0.727931	-3.029642	0.00244844	0.09255643
<i>RNF25</i>	-2.041613	0.674343	-3.027561	0.002465363	0.09285602
<i>ENSG00000111321</i>	-2.838534	0.938003	-3.026145	0.002476935	0.09295261
<i>FMN1</i>	-4.79826	1.587407	-3.022704	0.002505273	0.09367543
<i>ZNF597</i>	-3.829147	1.267532	-3.020947	0.002519851	0.09386733
<i>ZSWIM4</i>	-3.197723	1.058615	-3.020667	NA	NA
<i>LAMC1</i>	-2.536916	0.840067	-3.019898	0.002528597	0.09386733
<i>FBXO31</i>	-2.524307	0.836297	-3.018433	0.002540855	0.09398433
<i>FSIP2</i>	-2.34746	0.779963	-3.009707	0.002614994	0.09615034
<i>ENSG00000272716</i>	-2.599152	0.864127	-3.007838	0.002631134	0.09615034
<i>UTP15</i>	-2.987143	0.993123	-3.007829	0.002631212	0.09615034
<i>ZNF614</i>	-2.569989	0.854689	-3.00693	0.002639007	0.09615034
<i>IRS1</i>	-2.329382	0.775213	-3.004828	0.002657312	0.09615034
<i>C2CD2L</i>	-3.96558	1.320108	-3.003982	0.002664715	0.09615034
<i>ANKRD27</i>	-2.110673	0.702718	-3.003583	0.002668205	0.09615034
<i>ZNF726</i>	-2.51181	0.836453	-3.002929	0.002673948	0.09615034
<i>GIMAP1</i>	-3.102008	1.033378	-3.001815	0.002683754	0.09616785
<i>B4GALT5</i>	-3.015814	1.007144	-2.994423	0.002749646	0.09818804
<i>ENSG00000257764</i>	-2.775421	0.927253	-2.993163	0.002761019	0.09821684
<i>PAFAH2</i>	-2.670179	0.892934	-2.990341	0.002786657	0.09821684
<i>PDZD8</i>	-2.204744	0.737329	-2.990176	0.002788167	0.09821684
<i>PYGM</i>	-2.5112	0.839828	-2.990137	0.002788521	0.09821684
<i>HIST1H2AK</i>	-4.554066	1.524851	-2.986564	0.002821315	0.0990339
<i>DIP2C</i>	-2.687206	0.900238	-2.984994	0.002835835	0.09920616
<i>TNRC18</i>	-3.03931	1.018841	-2.983106	0.002853395	0.09948325
<i>PRDM11</i>	-3.944431	1.323463	-2.980386	0.002878855	0.09979265
<i>LINC01481</i>	-4.620901	1.551017	-2.979272	0.002889343	0.09979265
<i>C4orf46</i>	-2.555922	0.858162	-2.978366	0.002897894	0.09979265
<i>ZNF469</i>	-5.29595	1.778332	-2.978043	0.002900949	0.09979265
<i>DGCR6</i>	-4.150123	1.394952	-2.9751	0.002928927	0.10042037
<i>KIF1B</i>	-2.956675	0.994292	-2.973648	0.002942824	0.10056272
<i>LINC00342</i>	-3.511573	1.184142	-2.965499	0.003021919	0.10226809
<i>XXYL1.AS2</i>	-2.748232	0.926743	-2.965473	0.003022176	0.10226809
<i>MSH5</i>	-3.0371	1.024352	-2.964899	0.003027827	0.10226809
<i>ALDH2</i>	-2.076013	0.700306	-2.964438	0.003032368	0.10226809
<i>SLC35G5</i>	-3.330036	1.124038	-2.962566	0.003050868	0.10255687
<i>TNNT3</i>	-4.390437	1.483427	-2.959657	0.003079813	0.10307844
<i>BBS7</i>	-2.192699	0.741026	-2.959003	0.00308636	0.10307844
<i>PINK1</i>	-2.459105	0.832742	-2.953021	0.003146801	0.1045856
<i>CLDN12</i>	-3.03685	1.028556	-2.952536	0.003151756	0.1045856
<i>ENSG00000272182</i>	-3.509284	1.189724	-2.949662	0.003181221	0.10510526
<i>ENSG00000261188</i>	-2.656217	0.90071	-2.949025	0.003187786	0.10510526
<i>EID2</i>	-2.924313	0.993396	-2.943755	0.003242566	0.10633117
<i>ENSG00000227908</i>	-5.20051	1.76766	-2.942031	0.003260672	0.10633117
<i>LZTR1</i>	-2.483661	0.844344	-2.941527	0.003265984	0.10633117
<i>SPATA2</i>	-2.326696	0.791102	-2.941084	0.003270661	0.10633117
<i>LRRC8A</i>	-2.86775	0.975249	-2.940533	0.003276484	0.10633117

<i>DCUN1D4</i>	-2.053278	0.698653	-2.938912	0.00329367	0.10649917
<i>ZNF555</i>	-2.788479	0.949075	-2.9381	0.0033023	0.10649917
<i>ZKSCAN4</i>	-2.770595	0.944352	-2.933859	0.003347765	0.1075668
<i>TRIM35</i>	-3.327027	1.13435	-2.932981	0.003357241	0.1075668
<i>TTC21B</i>	-2.088195	0.712363	-2.931364	0.003374768	0.1075668
<i>ENSG00000274712</i>	-2.025255	0.691139	-2.930313	0.003386209	0.1075668
<i>EVI5</i>	-1.655924	0.565125	-2.930193	0.00338752	0.1075668
<i>C1orf198</i>	-2.976125	1.016112	-2.928934	0.003401267	0.10767201
<i>LINC01754</i>	-4.172716	1.425937	-2.926298	0.003430219	0.1080245
<i>PAQR3</i>	-2.278466	0.778692	-2.926016	0.003433337	0.1080245
<i>SEC22A</i>	-1.944372	0.665344	-2.922354	0.00347396	0.10897043
<i>ZNF75D</i>	-2.691371	0.922394	-2.917811	0.003524977	0.11023564
<i>ENSG00000261669</i>	-2.186248	0.749858	-2.915551	0.003550613	0.1107019
<i>RFNG</i>	-2.383704	0.818616	-2.911869	0.003592733	0.11123969
<i>FBRS1</i>	-1.99905	0.686607	-2.911491	0.003597081	0.11123969
<i>COCH</i>	-2.2071	0.758463	-2.909965	0.003614689	0.11123969
<i>DDX31</i>	-3.104492	1.0669	-2.909825	0.003616313	0.11123969
<i>ZNF354C</i>	-2.817994	0.968697	-2.909057	0.003625202	0.11123969
<i>ZBTB8A</i>	-3.365899	1.157293	-2.908426	0.003632536	0.11123969
<i>WDR81</i>	-1.914841	0.658612	-2.907391	0.003644573	0.11127809
<i>POU5F2</i>	-2.908996	1.001275	-2.905292	0.003669102	0.11147516
<i>COL4A4</i>	-5.206904	1.792399	-2.904991	0.003672631	0.11147516
<i>ENSG00000276136</i>	-2.286916	0.787886	-2.902599	0.003700804	0.11200087
<i>TRIM25</i>	-1.871778	0.645149	-2.901313	0.003716029	0.1121328
<i>RHEBL1</i>	-2.281659	0.786964	-2.899319	0.00373974	0.1125193
<i>LINC01772</i>	-2.409876	0.831492	-2.898256	0.003752438	0.11257315
<i>PHLPP2</i>	-3.210443	1.109391	-2.893878	0.003805165	0.11300656
<i>NEURL4</i>	-2.584395	0.893088	-2.893776	0.003806399	0.11300656
<i>CPNE8</i>	-2.572049	0.888917	-2.893464	0.00381018	0.11300656
<i>FAM234B</i>	-2.037276	0.704106	-2.893422	0.003810686	0.11300656
<i>GTF3C1</i>	-2.853905	0.987238	-2.890797	NA	NA
<i>ENSG00000267563</i>	-2.464181	0.853272	-2.88792	0.003877979	0.11467263
<i>FAM8A1</i>	-2.895748	1.0039	-2.8845	0.003920358	0.11559456
<i>BRAF</i>	-1.690877	0.587296	-2.879087	0.003988285	0.11726241
<i>KLHL42</i>	-2.54441	0.88443	-2.876893	0.004016123	0.11774543
<i>ENSG00000276718</i>	-5.100237	1.774677	-2.873896	0.004054426	0.11799076
<i>LLGL1</i>	-2.721592	0.947064	-2.873714	0.004056757	0.11799076
<i>LINC00910</i>	-2.474587	0.861155	-2.873567	NA	NA
<i>ENSG00000268093</i>	-4.656927	1.620944	-2.872971	0.00406631	0.11799076
<i>EFL1</i>	-3.00737	1.046891	-2.872667	0.004070224	0.11799076
<i>CECR2</i>	-2.079626	0.724659	-2.869801	0.004107304	0.11873215
<i>C8orf37</i>	-2.803034	0.977263	-2.868249	0.004127501	0.1189827
<i>MAP3K9</i>	-2.170958	0.75762	-2.865498	0.004163543	0.11968736
<i>ENSG00000260101</i>	-2.554617	0.89315	-2.860233	0.004233301	0.12106036
<i>WASHC5</i>	-2.009818	0.702703	-2.860123	0.004234766	0.12106036
<i>ENSG00000272993</i>	-2.300559	0.804941	-2.858048	0.004262565	0.12128417
<i>WDR24</i>	-2.493559	0.87255	-2.857784	0.0042661	0.12128417



ZNF660	-2.254017	0.78955	-2.854811	0.004306238	0.12193111
DENND4C	-2.140218	0.749809	-2.854351	0.004312486	0.12193111
LSG1	-1.854053	0.650005	-2.852368	0.004339488	0.12235933
EML6	-2.529797	0.887681	-2.849893	0.004373397	0.12297946
ENSG00000273329	-2.212184	0.776751	-2.847995	0.004399564	0.12337909
AGFG2	-4.940277	1.735397	-2.846771	NA	NA
SERPINE2	-2.463554	0.865532	-2.846288	0.004423215	0.12370618
ERP27	-3.668763	1.289841	-2.844352	0.004450186	0.1241241
PTP4A3	-2.185186	0.768806	-2.842313	0.004478749	0.12458408
PASK	-2.158233	0.75972	-2.840828	0.004499661	0.12482931
TWNK	-2.201728	0.77611	-2.836877	0.004555715	0.12597515
KANSL1L	-2.546907	0.898	-2.8362	0.004565379	0.12597515
PIGA	-2.402657	0.848008	-2.833294	0.004607101	0.12674087
MDFIC	-2.261188	0.798284	-2.83256	0.004617691	0.12674087
STPG1	-2.882077	1.018851	-2.828753	0.004672969	0.12779449
DONSON	-3.41808	1.208592	-2.82815	0.004681789	0.12779449
MAPK11	-2.714472	0.96007	-2.827369	0.004693228	0.12779449
ENSG00000228037	-3.512041	1.242613	-2.826335	0.004708404	0.12787034
ZFYVE1	-2.273949	0.805157	-2.824229	0.004739451	0.12803016
SDR42E1	-2.713906	0.961305	-2.823148	0.004755462	0.12803016
ZXDC	-2.224262	0.788019	-2.822598	0.004763624	0.12803016
PRMT7	-1.904927	0.674889	-2.822579	0.004763913	0.12803016
LETM2	-3.779077	1.339806	-2.820615	0.004793167	0.12815129
WDPCP	-2.001736	0.709744	-2.820363	0.004796933	0.12815129
ENSG00000280007	-2.478882	0.879105	-2.819779	0.004805673	0.12815129
ENSG00000277511	-2.388774	0.847697	-2.817957	0.004833027	0.12854855
TMCC3	-4.675816	1.661382	-2.814413	0.004886637	0.12964035
DKAKD	-2.290402	0.814194	-2.813091	0.004906782	0.12984099
ZDBF2	-2.780618	0.988902	-2.811823	0.004926153	0.12986216
CD68	-2.672293	0.950523	-2.811393	0.004932749	0.12986216
NOD1	-2.245561	0.799083	-2.810174	0.004951479	0.13002358
FAM71D	-3.006419	1.07051	-2.808399	0.004978855	0.13016394
CAPN2	-2.160449	0.769338	-2.808192	0.00498205	0.13016394
ZNF839	-2.845793	1.015604	-2.802069	0.005077607	0.13232552
MAPK13	-2.02279	0.722392	-2.800127	0.005108249	0.13278873
PPM1F	-2.047846	0.731763	-2.798511	0.005133881	0.13311972
ST3GAL6	-3.510679	1.255256	-2.796783	0.005161411	0.13349814
MMP17	-2.96331	1.060481	-2.794306	0.005201119	0.13418886
C21orf58	-2.910166	1.042326	-2.791991	0.005238476	0.13481564
TKFC	-1.993677	0.714379	-2.790783	0.005258072	0.13498334
SERPINF2	-3.484994	1.249696	-2.788674	0.005292426	0.13533341
ZSWIM3	-3.028297	1.086058	-2.788337	0.005297936	0.13533341
PSMC3IP	-2.768676	0.993697	-2.786239	0.005332356	0.13562557
FHIT	-1.983024	0.711772	-2.786038	0.005335657	0.13562557
ENSG00000270175	-4.448271	1.598613	-2.782582	0.005392827	0.13617853
TCAP	-3.739004	1.343807	-2.782396	0.005395918	0.13617853
ACTR3B	-2.207652	0.793541	-2.782026	0.00540207	0.13617853

<i>ENSG00000260267</i>	-2.155431	0.774906	-2.781538	0.005410193	0.13617853
<i>GALE</i>	-2.902035	1.043756	-2.780378	0.005429569	0.13633371
<i>TRABD2A</i>	-2.289072	0.823813	-2.778631	0.005458856	0.13650732
<i>HAUS5</i>	-2.423989	0.87266	-2.777703	0.005474469	0.13650732
<i>TRAF3IP2.AS1</i>	-2.012394	0.724508	-2.777602	0.005476166	0.13650732
<i>SCRG1</i>	-2.566507	0.924882	-2.774957	0.005520904	0.13702705
<i>FXR2</i>	-2.183157	0.78678	-2.7748	0.005523571	0.13702705
<i>SGK1</i>	-3.638223	1.312977	-2.770973	0.005588905	0.13796671
<i>ZNF565</i>	-2.398648	0.865693	-2.770783	0.005592166	0.13796671
<i>ZBTB20.AS2</i>	-3.289027	1.187528	-2.769642	0.005611795	0.13796671
<i>ENSG00000142046</i>	-2.273516	0.820924	-2.76946	0.005614924	0.13796671
<i>ZDHHC23</i>	-2.059221	0.743766	-2.768639	0.005629089	0.13798621
<i>ZNF549</i>	-2.140771	0.774448	-2.764254	0.005705309	0.1395232
<i>KCNMB3</i>	-1.790023	0.647919	-2.762724	0.005732116	0.13956936
<i>RWDD2B</i>	-2.219745	0.803498	-2.762603	0.005734245	0.13956936
<i>ENSG00000274341</i>	-2.983169	1.081193	-2.759145	0.005795283	0.14062028
<i>UBOX5</i>	-2.729669	0.990093	-2.756983	0.005833739	0.14062028
<i>PREP</i>	-2.382649	0.864317	-2.756683	0.005839086	0.14062028
<i>AMMECR1L</i>	-1.905445	0.69141	-2.755883	0.005853397	0.14062028
<i>MROH8</i>	-4.097207	1.486843	-2.755642	0.005857701	0.14062028
<i>RNASEL</i>	-1.949564	0.707594	-2.755202	0.005865591	0.14062028
<i>SDHAF4</i>	-2.180274	0.791446	-2.7548	0.005872804	0.14062028
<i>GPSM2</i>	-2.193564	0.796903	-2.752612	0.005912187	0.14123558
<i>ATL1</i>	-2.789411	1.013699	-2.751715	0.005928418	0.14129624
<i>PHC2</i>	-2.543746	0.924966	-2.750097	0.005957758	0.14166834
<i>VWA8</i>	-3.02578	1.101694	-2.746479	0.006023871	0.14263735
<i>FAR1</i>	-2.343563	0.853455	-2.745971	0.006033203	0.14263735
<i>NPIPA1</i>	-2.298791	0.837328	-2.745388	0.006043939	0.14263735
<i>F8A1</i>	-2.492492	0.908555	-2.74336	0.006081401	0.14263735
<i>SRF</i>	-1.888021	0.688231	-2.743297	0.006082563	0.14263735
<i>SNAPC4</i>	-2.298547	0.838196	-2.742256	0.00610188	0.14263735
<i>ZSCAN5A</i>	-2.280244	0.831639	-2.741867	0.006109113	0.14263735
<i>BLM</i>	-1.744419	0.636357	-2.74126	0.0061204	0.14263735
<i>FSD1L</i>	-2.247186	0.819804	-2.741126	0.006122902	0.14263735
<i>ALYREF</i>	-2.185845	0.797655	-2.740339	0.006137592	0.14265753
<i>RPL39L</i>	-2.323903	0.850595	-2.732093	0.006293344	0.14567942
<i>PPME1</i>	-2.188206	0.800965	-2.731962	0.006295835	0.14567942
<i>NPIP2</i>	-4.028795	1.476905	-2.727864	0.006374588	0.14717169
<i>L3MBTL1</i>	-2.223445	0.81611	-2.724443	0.006441013	0.14837333
<i>WASF1</i>	-2.040136	0.749285	-2.722778	0.006473553	0.14879079
<i>NOP14.AS1</i>	-2.686564	0.987455	-2.720695	0.006514484	0.14939883
<i>ENSG00000261732</i>	-2.055747	0.756156	-2.718681	0.006554269	0.14943477
<i>ZBTB49</i>	-2.661284	0.978974	-2.718442	0.006559011	0.14943477
<i>ENSG00000279467</i>	-3.071414	1.129872	-2.718373	0.00656038	0.14943477
<i>LRR1</i>	-1.769122	0.650966	-2.717688	0.006573971	0.14943477
<i>TRUB1</i>	-2.026609	0.746045	-2.71647	0.006598224	0.14965642
<i>MTHFD1L</i>	-2.904172	1.069923	-2.714376	NA	NA

<i>MTFR1</i>	-1.863289	0.686702	-2.713385	0.00665996	0.15072541
<i>LSM14B</i>	-2.4738	0.911996	-2.712511	0.006677557	0.15079298
<i>DGAT1</i>	-2.526286	0.931934	-2.710799	0.006712123	0.15106579
<i>ENSG00000225205</i>	-2.397089	0.884649	-2.70965	0.006735421	0.15106579
<i>TLL12</i>	-2.409049	0.889468	-2.708414	0.006760553	0.15106579
<i>SREBF2.AS1</i>	-2.501486	0.923816	-2.707776	0.006773569	0.15106579
<i>COG4</i>	-1.629328	0.601728	-2.707748	0.006774135	0.15106579
<i>MCM2</i>	-2.748416	1.015142	-2.707419	0.006780853	0.15106579
<i>SHLD3</i>	-2.035156	0.75186	-2.706831	0.006792888	0.15106579
<i>MTURN</i>	-2.563438	0.947262	-2.706154	0.006806744	0.15106579
<i>CAMKK1</i>	-2.695607	0.997329	-2.702827	0.006875258	0.15225892
<i>HEATR5A</i>	-2.288362	0.847488	-2.70017	0.006930397	0.15302533
<i>CCDC138</i>	-2.381702	0.882199	-2.699733	0.006939521	0.15302533
<i>ENSG00000227540</i>	-2.384569	0.883801	-2.698083	0.006974015	0.15309561
<i>DNMBP</i>	-2.080635	0.771302	-2.697562	0.006984919	0.15309561
<i>SGSM2</i>	-1.984638	0.736037	-2.696383	0.007009696	0.15309561
<i>LINC00294</i>	-2.494454	0.925161	-2.696238	0.007012749	0.15309561
<i>DZANK1</i>	-3.520174	1.305797	-2.695805	0.00702188	0.15309561
<i>SRD5A1</i>	-1.731641	0.642498	-2.695169	0.007035303	0.15309561
<i>SPINT1.AS1</i>	-3.430892	1.273278	-2.694535	0.007048687	0.15309561
<i>CLHC1</i>	-2.621487	0.973107	-2.693935	0.007061387	0.15309561
<i>SCMH1</i>	-1.694768	0.629551	-2.692026	0.00710194	0.15330575
<i>TRAPPC9</i>	-2.49637	0.92742	-2.691735	0.007108137	0.15330575
<i>GAB1</i>	-2.278267	0.846554	-2.691226	0.007118999	0.15330575
<i>RAD52</i>	-2.464795	0.916046	-2.690687	0.0071305	0.15330575
<i>DOCK9</i>	-2.744302	1.020623	-2.688849	0.007169874	0.15360348
<i>TRAF1</i>	-2.721323	1.012151	-2.688652	0.007174116	0.15360348
<i>AAK1</i>	-2.693208	1.002816	-2.685646	NA	NA
<i>LIX1.AS1</i>	-2.340542	0.872156	-2.683627	0.007282838	0.15560846
<i>PPP1R13L</i>	-2.24596	0.838338	-2.679063	0.007382851	0.15741946
<i>FAM149B1</i>	-2.182696	0.815005	-2.678138	0.007403263	0.15748993
<i>ICE1</i>	-1.937014	0.723433	-2.677532	0.007416677	0.15748993
<i>FPGT</i>	-2.575907	0.962336	-2.676724	0.007434575	0.15754582
<i>ETFBKMT</i>	-1.884376	0.704913	-2.673204	0.007513051	0.15884199
<i>KCTD21.AS1</i>	-2.592371	0.970225	-2.671927	0.007541715	0.15884199
<i>ZNF337</i>	-2.293866	0.858615	-2.671589	0.007549295	0.15884199
<i>MTRNR2L3</i>	-4.918176	1.841163	-2.671233	0.007557308	0.15884199
<i>TTC31</i>	-1.555504	0.582678	-2.669575	0.007594727	0.15910635
<i>ENSG00000261220</i>	-3.73044	1.398367	-2.667713	0.007636951	0.15910635
<i>MAMSTR</i>	-2.821283	1.057763	-2.667218	0.007648202	0.15910635
<i>ENSG00000277972</i>	-1.644373	0.616584	-2.666908	0.007655272	0.15910635
<i>ZSCAN32</i>	-1.78644	0.669916	-2.666663	0.00766084	0.15910635
<i>ENSG00000255328</i>	-3.553741	1.332823	-2.666327	0.007668507	0.15910635
<i>ENSG00000278390</i>	-2.153813	0.808067	-2.665389	0.007689933	0.15910635
<i>MYH11</i>	-2.046721	0.76793	-2.665245	0.007693224	0.15910635
<i>HSPA13</i>	-1.850309	0.694995	-2.662335	0.007760068	0.16002379
<i>FECH</i>	-2.132023	0.800921	-2.661965	0.007768597	0.16002379

<i>ENSG00000253645</i>	-2.337086	0.878481	-2.660373	0.007805413	0.16046188
<i>MRTFA</i>	-2.040788	0.767463	-2.659134	0.007834186	0.1607332
<i>ZNF362</i>	-2.343427	0.881425	-2.65868	NA	NA
<i>POFUT1</i>	-2.350643	0.884564	-2.657403	0.00787452	0.16124018
<i>MBTPS2</i>	-2.099855	0.790821	-2.655285	0.007924132	0.16166952
<i>ZNF471</i>	-2.704981	1.01876	-2.655171	0.00792682	0.16166952
<i>CEP97</i>	-1.882584	0.709709	-2.652613	0.00798713	0.16257827
<i>AMT</i>	-2.855463	1.077197	-2.650827	0.0080295	0.16311898
<i>LIN37</i>	-1.996344	0.753964	-2.647796	0.008101829	0.16426497
<i>GTSF1</i>	-2.256642	0.852645	-2.646637	0.008129658	0.16450602
<i>NCDN</i>	-3.228072	1.221229	-2.643299	0.00821025	0.1658117
<i>ENSG00000228989</i>	-2.570034	0.972888	-2.641654	0.008250239	0.16629388
<i>COLGALT1</i>	-1.933286	0.731961	-2.641242	NA	NA
<i>PLEKHM3</i>	-4.795651	1.816201	-2.640485	0.008278734	0.16654296
<i>CTDP1</i>	-3.400033	1.288487	-2.638779	0.008320524	0.16676871
<i>C9orf72</i>	-1.796604	0.680865	-2.638707	0.008322276	0.16676871
<i>MOV10</i>	-2.204912	0.836027	-2.637371	0.008355148	0.16710295
<i>KIF21B</i>	-2.49057	0.945289	-2.634718	0.008420714	0.16808852
<i>ITGA5</i>	-3.203737	1.217106	-2.632257	0.008481962	0.16876272
<i>FAM83G</i>	-2.237982	0.850498	-2.63138	0.008503893	0.16876272
<i>TAF5L</i>	-2.272214	0.863586	-2.631138	0.008509941	0.16876272
<i>SPTY2D1</i>	-1.715862	0.652235	-2.630741	0.008519901	0.16876272
<i>PIAS4</i>	-1.81109	0.688679	-2.629803	0.008543444	0.16881514
<i>NIPA1</i>	-2.793187	1.06252	-2.628833	0.008567844	0.16881514
<i>SEPT7.AS1</i>	-2.616331	0.995301	-2.628683	0.008571621	0.16881514
<i>TADA2A</i>	-1.881105	0.716564	-2.625172	0.008660524	0.17024116
<i>CASP10</i>	-2.333965	0.889561	-2.623726	0.008697364	0.1706403
<i>SERPINB8</i>	-2.257115	0.861008	-2.621479	0.008754918	0.17144355
<i>QSOX2</i>	-1.603941	0.612526	-2.618566	0.008830029	0.17209907
<i>NINJ2</i>	-1.870061	0.714414	-2.617616	0.008854632	0.17209907
<i>ZNF608</i>	-1.805078	0.689685	-2.617251	0.008864115	0.17209907
<i>ZNF385A</i>	-1.952736	0.746144	-2.617104	0.008867923	0.17209907
<i>HSDL1</i>	-1.64867	0.629995	-2.616956	0.008871774	0.17209907
<i>SLC27A1</i>	-4.023208	1.538169	-2.615582	0.008907557	0.17246902
<i>FBP1</i>	-1.894477	0.724586	-2.614563	0.00893417	0.17266037
<i>C7orf26</i>	-1.911894	0.732477	-2.610176	0.009049575	0.17416752
<i>DUSP3</i>	-1.927416	0.73852	-2.609837	0.009058536	0.17416752
<i>ENSG00000276075</i>	-2.917671	1.118347	-2.608914	0.009083011	0.17416752
<i>HYI</i>	-1.878512	0.720065	-2.608811	0.009085752	0.17416752
<i>SMCO4</i>	-2.615153	1.002763	-2.607946	0.009108722	0.17416752
<i>NPIP8</i>	-2.451242	0.939976	-2.60777	0.009113417	0.17416752
<i>PIGK</i>	-1.931095	0.741434	-2.60454	0.00919977	0.17549284
<i>TFB1M</i>	-1.578768	0.606892	-2.6014	0.009284422	0.17678087
<i>ENSG00000215014</i>	-2.801157	1.076984	-2.600928	NA	NA
<i>NOL6</i>	-2.489558	0.957523	-2.599999	0.009322398	0.17702081
<i>PAXBP1</i>	-2.089184	0.803634	-2.599671	0.00933133	0.17702081
<i>NUP50.DT</i>	-2.517683	0.969059	-2.598069	0.009374954	0.17752207

<i>GALC</i>	-2.280506	0.878197	-2.596805	0.009409522	0.1778503
<i>GIN54</i>	-1.839745	0.709068	-2.594597	0.009470185	0.17839939
<i>CRAMP1</i>	-2.056051	0.792517	-2.594331	0.009477523	0.17839939
<i>CNPY4</i>	-2.443577	0.942061	-2.593863	0.009490433	0.17839939
<i>IGHG2</i>	-2.737026	1.056464	-2.590742	0.009576937	0.17969817
<i>MAPRE3</i>	-3.143797	1.213942	-2.589743	0.009604761	0.17973139
<i>MATK</i>	-4.65357	1.797142	-2.589428	0.009613539	0.17973139
<i>ZNF496</i>	-1.889087	0.730766	-2.585078	0.009735702	0.1814126
<i>ENSG00000268858</i>	-2.298437	0.889278	-2.584611	0.009748886	0.1814126
<i>SLC20A2</i>	-1.7796	0.688606	-2.584353	0.009756201	0.1814126
<i>FCRLB</i>	-2.67651	1.036297	-2.582762	0.00980128	0.18192303
<i>IPPK</i>	-2.300024	0.892202	-2.577918	0.009939745	0.18416189
<i>ARHGAP31</i>	-5.473319	2.124305	-2.576522	0.009979987	0.18457611
<i>GIN51</i>	-4.632642	1.799777	-2.574008	0.010052784	0.18558986
<i>WEE1</i>	-2.260219	0.878344	-2.573273	0.01007417	0.18565256
<i>SLC25A23</i>	-2.617093	1.017694	-2.571592	0.010123214	0.18590113
<i>ENSG00000273064</i>	-2.861206	1.112627	-2.571576	0.010123685	0.18590113
<i>FDXACB1</i>	-2.443004	0.950896	-2.569159	0.010194571	0.18687028
<i>MAN1B1.DT</i>	-2.501584	0.974378	-2.567366	0.010247445	0.18750644
<i>TSPAN5</i>	-2.188559	0.853481	-2.564273	0.010339215	0.18885079
<i>KLHL9</i>	-1.914675	0.746871	-2.563595	0.010359424	0.18888561
<i>FURIN</i>	-1.778086	0.694466	-2.560364	0.010456249	0.19031479
<i>PUS10</i>	-1.905087	0.74482	-2.55778	0.010534263	0.19119454
<i>ACTL6A</i>	-1.569523	0.613685	-2.557537	0.010541637	0.19119454
<i>ZHX1</i>	-2.380432	0.932265	-2.553385	0.010668152	0.19296921
<i>ATAD3B</i>	-1.876136	0.734846	-2.5531	0.010676882	0.19296921
<i>GZF1</i>	-2.0579	0.807057	-2.549881	0.010775977	0.19441973
<i>ENSG00000071655</i>	-1.698338	0.666368	-2.548647	0.010814158	0.19476808
<i>HEATR3</i>	-2.168558	0.851391	-2.547076	0.010862974	0.19530644
<i>FYN</i>	-1.962515	0.770593	-2.546758	NA	NA
<i>CROT</i>	-2.168574	0.852307	-2.544357	0.010947919	0.19649134
<i>FLNB</i>	-2.112013	0.83083	-2.542052	0.011020364	0.19744819
<i>N6AMT1</i>	-1.982374	0.780658	-2.539364	0.011105437	0.19840002
<i>APEX2</i>	-1.534189	0.604461	-2.538109	0.011145314	0.19840002
<i>ZBED2</i>	-2.400715	0.945896	-2.538034	0.011147717	0.19840002
<i>TAF4</i>	-2.005696	0.790404	-2.537558	0.011162899	0.19840002
<i>FAM220A</i>	-2.216501	0.873681	-2.536969	0.011181685	0.19840002
<i>ZNF781</i>	-1.894908	0.747143	-2.536204	0.011206152	0.19840002
<i>FAM135A</i>	-1.773748	0.699388	-2.536144	0.011208063	0.19840002
<i>DOCK6</i>	-3.812249	1.50465	-2.533645	0.011288315	0.19947844
<i>UBE2Q2</i>	-1.561904	0.617083	-2.531106	0.011370338	0.20058442
<i>GALNT7</i>	-1.857158	0.734144	-2.529692	0.011416255	0.20081972
<i>ENSG00000232010</i>	-3.10423	1.227212	-2.529498	0.011422595	0.20081972
<i>GNGT2</i>	-2.233776	0.88341	-2.528584	0.011452376	0.20086926
<i>DMWD</i>	-2.014541	0.796823	-2.528217	0.011464341	0.20086926
<i>LINC00494</i>	-1.821989	0.720945	-2.527223	0.011496844	0.20098192
<i>SMARCD2</i>	-1.601646	0.633904	-2.52664	0.011515943	0.20098192

GGACT	-4.514342	1.787396	-2.525654	0.011548332	0.20098192
ENSG00000238045	-2.096237	0.830126	-2.525202	0.011563181	0.20098192
TANC2	-2.841946	1.1255	-2.525051	0.011568145	0.20098192
LIN7B	-1.949334	0.772718	-2.522699	0.011645816	0.20181863
ZNF236	-1.566845	0.621181	-2.522364	0.011656913	0.20181863
TTC33	-1.627234	0.64568	-2.520185	0.01172931	0.20181863
PRR7	-2.176313	0.86357	-2.520135	0.011730997	0.20181863
ENSG00000223473	-2.254932	0.894986	-2.519518	0.011751552	0.20181863
TSBP1.AS1	-2.795586	1.109572	-2.519517	0.011751592	0.20181863
MPZL1	-1.653972	0.656477	-2.519469	0.011753198	0.20181863
MOXD1	-4.361216	1.732506	-2.517287	0.011826248	0.20251187
PCNT	-1.894491	0.752651	-2.517091	0.011832816	0.20251187
PDCL	-1.439794	0.572329	-2.515676	0.01188042	0.20276594
NAIF1	-1.941734	0.771913	-2.515483	0.011886957	0.20276594
EIF3C	-1.70349	0.677532	-2.514256	0.011928395	0.20292589
URB1.AS1	-2.449908	0.974656	-2.513613	NA	NA
ELMO2	-1.923168	0.765161	-2.513417	0.011956803	0.20292589
ENSG00000271109	-1.783643	0.709671	-2.513339	0.011959448	0.20292589
PHYH	-2.323496	0.924635	-2.512881	0.011974987	0.20292589
PSTK	-2.12655	0.84676	-2.511395	0.012025502	0.20344784
WDYHV1	-2.063101	0.822066	-2.509654	0.012084956	0.20366749
KLHDC7B	-2.237573	0.891833	-2.508959	0.012108768	0.20366749
HS3ST3B1	-2.290317	0.912981	-2.508613	0.012120605	0.20366749
ZNF280B	-2.883679	1.149621	-2.508372	0.012128875	0.20366749
TCEANC	-1.728631	0.689332	-2.50769	0.012152315	0.20366749
IFIT5	-1.539161	0.61415	-2.506166	0.012204817	0.20366749
ENSG00000268713	-2.998346	1.196655	-2.505605	0.012224201	0.20366749
RAPGEF6	-1.515322	0.60479	-2.505533	0.012226707	0.20366749
IRGQ	-2.199758	0.878111	-2.505102	0.012241602	0.20366749
ZNF354B	-1.87303	0.748365	-2.50283	0.012320487	0.20366749
RCBTB2	-4.605208	1.840134	-2.502648	0.012326815	0.20366749
ATXN7L1	-1.811107	0.723706	-2.502545	0.012330382	0.20366749
WHAMM	-1.458332	0.582757	-2.502471	0.012332967	0.20366749
TBXA2R	-2.312759	0.924348	-2.502043	0.012347881	0.20366749
JADE3	-2.17026	0.867535	-2.50164	0.012361954	0.20366749
STK11IP	-1.717696	0.686698	-2.501385	0.012370847	0.20366749
LINC02576	-2.669145	1.067337	-2.500751	0.012393014	0.20366749
PCNX3	-2.079896	0.831715	-2.500731	0.012393719	0.20366749
SAP130	-1.88591	0.754767	-2.498666	0.012466172	0.20426854
FASTKD1	-2.161588	0.865133	-2.498561	0.012469882	0.20426854
FAM241A	-2.097998	0.839739	-2.498391	NA	NA
ABHD16A	-3.409827	1.365392	-2.497325	0.012513421	0.20461067
HIVEP1	-2.219667	0.888989	-2.496844	0.012530421	0.20461067
ENSG00000278743	-1.639579	0.657055	-2.495345	0.012583454	0.20487526
ENSG00000226571	-2.435371	0.975997	-2.495264	0.012586329	0.20487526
ENSG00000258056	-2.588499	1.037666	-2.494538	0.012612111	0.20490112
ACTR8	-1.778061	0.713098	-2.493431	0.012651505	0.20490112

CHKA	-3.680544	1.476154	-2.493334	0.012654979	0.20490112
UNG	-1.82293	0.731223	-2.492987	0.012667336	0.20490112
BRPF3	-2.427101	0.974534	-2.490525	0.012755463	0.20600372
ARL10	-1.894874	0.762117	-2.486329	0.01290685	0.20812295
BCAS3	-1.895297	0.762871	-2.484427	0.012976027	0.20868363
KDM1A	-1.54447	0.62186	-2.483631	0.013005038	0.20868363
DRAM1	-2.638802	1.062911	-2.482618	0.013042075	0.20868363
ENSG00000257303	-1.928375	0.777204	-2.481171	0.013095162	0.20868363
ENSG00000272189	-2.83682	1.143493	-2.480838	0.013107398	0.20868363
GOLGA1	-2.195272	0.884902	-2.480808	0.013108485	0.20868363
CD27	-3.194143	1.287634	-2.480628	0.013115098	0.20868363
PUDP	-2.222122	0.896008	-2.480026	0.013137281	0.20868363
PTPDC1	-2.223415	0.896549	-2.479972	0.013139273	0.20868363
TMEM169	-2.674933	1.07871	-2.479752	0.013147366	0.20868363
ENSG00000237596	-2.269146	0.915482	-2.478636	0.013188582	0.20868363
ENSG00000267058	-2.09257	0.844285	-2.478513	0.01319312	0.20868363
RAPGEF2	-1.986694	0.801666	-2.478206	0.013204497	0.20868363
ZSWIM1	-1.965688	0.793461	-2.47736	0.013235846	0.20885922
TMEM8A	-1.939871	0.783548	-2.475751	0.013295641	0.20948247
ARRDC3.AS1	-2.934488	1.185911	-2.474459	0.013343802	0.20978084
ANK1	-2.104216	0.850479	-2.474153	0.013355234	0.20978084
SSX2IP	-2.449766	0.990676	-2.472822	0.01340509	0.21024396
ARNT	-1.644841	0.6663	-2.46862	0.013563525	0.21240604
CD24	-1.189637	0.482108	-2.467572	0.013603283	0.21270589
COL4A3	-5.203833	2.110128	-2.466121	0.013658503	0.21299641
RTN4IP1	-2.124972	0.861873	-2.465527	0.013681179	0.21299641
ENSG00000272918	-1.958428	0.794346	-2.465459	0.013683781	0.21299641
ATG4A	-2.297916	0.933399	-2.46188	0.013821085	0.2145592
PELI2	-2.004812	0.814501	-2.461399	0.013839652	0.2145592
RNF144B	-1.72035	0.698983	-2.46122	0.013846553	0.2145592
MTA3	-1.840617	0.748528	-2.458982	0.013933144	0.21538984
GCH1	-1.733149	0.705176	-2.457751	0.013980989	0.21538984
RPS6KA2	-1.829861	0.74453	-2.457739	0.013981486	0.21538984
S100A13	-2.052986	0.835334	-2.457683	0.013983642	0.21538984
CARMIL2	-1.681087	0.684188	-2.457053	0.014008185	0.2154463
LIX1L.AS1	-3.280673	1.335683	-2.456177	0.014042416	0.21560464
MARCHF8	-1.529544	0.62285	-2.45572	0.014060264	0.21560464
ENSG00000272927	-1.917071	0.781393	-2.453402	0.014151226	0.21667753
HIST1H3E	-1.866497	0.762011	-2.449436	0.014308004	0.21866242
CDK7	-1.787812	0.730001	-2.449053	0.014323236	0.21866242
ENSG00000279080	-1.741648	0.711592	-2.447537	0.014383619	0.21925989
PIGW	-1.885263	0.771045	-2.445076	0.014482165	0.2204365
PRKCZ	-2.697087	1.103885	-2.443269	0.014554903	0.22083485
KLK1	-2.27048	0.929429	-2.442876	0.014570732	0.22083485
ZNF446	-1.821065	0.745473	-2.442832	0.014572532	0.22083485
NBPF19	-1.713519	0.702055	-2.440719	0.014658072	0.22148442
ZNF417	-1.910365	0.782726	-2.440656	0.014660623	0.22148442

<i>MIF.AS1</i>	-2.51313	1.029894	-2.440184	0.014679781	0.22148442
<i>PEX3</i>	-2.027194	0.831965	-2.436634	0.014824685	0.22259626
<i>ARFGAP1</i>	-1.655582	0.679613	-2.436065	0.014848011	0.22259626
<i>ZNF529.AS1</i>	-2.102203	0.863134	-2.435548	0.014869239	0.22259626
<i>CEP128</i>	-2.002381	0.822207	-2.435372	0.014876468	0.22259626
<i>BAP1</i>	-1.470285	0.603756	-2.43523	0.014882316	0.22259626
<i>PLCB3</i>	-2.817153	1.156839	-2.435216	0.014882889	0.22259626
<i>USP12</i>	-1.741953	0.715648	-2.434092	0.014929218	0.22277034
<i>NAB1</i>	-2.276905	0.935502	-2.433886	0.014937701	0.22277034
<i>ZNF771</i>	-2.635878	1.08335	-2.43308	0.014970977	0.22294442
<i>GPR107</i>	-3.712455	1.526613	-2.431824	NA	NA
<i>MCU</i>	-2.469967	1.016825	-2.429098	0.015136444	0.22424033
<i>RNF103</i>	-1.828102	0.752684	-2.428776	0.015149869	0.22424033
<i>HELB</i>	-1.958322	0.806314	-2.428735	0.015151519	0.22424033
<i>ZNF384</i>	-1.501105	0.618114	-2.428524	0.015160421	0.22424033
<i>SLC35B4</i>	-1.923403	0.792054	-2.428375	0.015166643	0.22424033
<i>TMEM273</i>	-2.128324	0.877134	-2.426453	0.015247226	0.22451229
<i>C19orf47</i>	-2.419183	0.997214	-2.425942	0.015268694	0.22451229
<i>TDRD7</i>	-1.972215	0.81299	-2.425878	0.015271419	0.22451229
<i>DGKQ</i>	-1.768343	0.729157	-2.425189	0.015300402	0.22451229
<i>CHL1</i>	-2.650204	1.093021	-2.424659	0.015322756	0.22451229
<i>PABPC1L</i>	-2.140863	0.883033	-2.424443	0.015331899	0.22451229
<i>ALMS1</i>	-2.135024	0.880685	-2.424276	0.015338932	0.22451229
<i>SORBS3</i>	-2.155996	0.889556	-2.423677	0.015364245	0.22451229
<i>CCDC51</i>	-2.21927	0.916169	-2.422337	0.015421047	0.22451229
<i>SELENOO</i>	-1.711069	0.70662	-2.421482	0.01545737	0.22451229
<i>AHCTF1</i>	-1.54466	0.638022	-2.421015	0.015477242	0.22451229
<i>PLPP6</i>	-2.124081	0.87737	-2.420964	0.015479421	0.22451229
<i>PCBP4</i>	-3.105855	1.282923	-2.42092	0.015481264	0.22451229
<i>FOXK2</i>	-2.055671	0.849347	-2.420295	0.01550792	0.22451229
<i>SLX1A</i>	-3.185506	1.316835	-2.419062	0.015560581	0.22451229
<i>MATR3</i>	-2.855896	1.180748	-2.418718	0.015575319	0.22451229
<i>MMP28</i>	-2.909925	1.203131	-2.418626	0.015579233	0.22451229
<i>LMAN2L</i>	-2.013953	0.832783	-2.418341	0.01559147	0.22451229
<i>STXBPS</i>	-2.931519	1.212444	-2.417858	0.015612156	0.22451229
<i>FAM185A</i>	-2.744593	1.135221	-2.417672	0.015620138	0.22451229
<i>SERTAD1</i>	-1.447397	0.598911	-2.416713	0.015661352	0.22479159
<i>ADRB2</i>	-2.751721	1.139468	-2.414919	0.01573873	0.22519122
<i>ZHX1.C8orf76</i>	-3.227096	1.336349	-2.41486	0.015741241	0.22519122
<i>CR1</i>	-1.729495	0.716413	-2.414103	0.015773993	0.22519122
<i>MBLAC2</i>	-2.347232	0.972956	-2.412475	0.01584463	0.22519122
<i>STAM2</i>	-1.959554	0.812484	-2.411807	0.015873676	0.22519122
<i>ENSG00000225342</i>	-1.854898	0.769163	-2.411578	0.015883635	0.22519122
<i>BIK</i>	-3.006029	1.246502	-2.411572	0.015883929	0.22519122
<i>ANKHD1</i>	-1.432713	0.59411	-2.411529	0.015885797	0.22519122
<i>LTBP4</i>	-1.381068	0.572757	-2.411262	0.015897419	0.22519122
<i>MACC1</i>	-3.40061	1.410437	-2.411033	0.015907403	0.22519122



<i>RTP4</i>	-2.126502	0.882303	-2.410173	NA	NA
<i>MSANTD2</i>	-2.852623	1.184756	-2.407773	0.01605016	0.22673282
<i>ANAPC1</i>	-1.623705	0.674424	-2.407544	0.016060241	0.22673282
<i>KIAA0232</i>	-1.607981	0.668195	-2.406454	0.016108214	0.22709941
<i>SERPINF1</i>	-1.723489	0.716769	-2.404523	0.016193576	0.22799142
<i>MOB3C</i>	-2.628118	1.093568	-2.403251	0.01625005	0.22847482
<i>LINC00886</i>	-2.163194	0.900978	-2.400941	0.016352971	0.22950715
<i>DRC3</i>	-2.559104	1.066149	-2.400325	0.016380533	0.22950715
<i>GSE1</i>	-1.63285	0.680583	-2.399193	0.016431245	0.22950715
<i>NKX3.1</i>	-3.656202	1.523961	-2.399143	0.016433474	0.22950715
<i>GNPNAT1</i>	-2.245802	0.936095	-2.399117	0.016434669	0.22950715
<i>PSMG3.AS1</i>	-2.17769	0.90809	-2.3981	0.016480384	0.22983454
<i>ENSG00000273002</i>	-2.435681	1.016138	-2.396998	0.016530014	0.23021558
<i>ZBP1</i>	-2.218969	0.925923	-2.396495	0.01655274	0.2302214
<i>RABGEF1</i>	-2.000525	0.835192	-2.395288	0.016607295	0.23053622
<i>LMF1</i>	-1.802932	0.753027	-2.394247	0.016654549	0.23053622
<i>WASIR2</i>	-2.891518	1.207838	-2.393962	0.016667483	0.23053622
<i>DTWD2</i>	-1.918991	0.801857	-2.393184	0.016702848	0.23053622
<i>CCDC61</i>	-2.915189	1.218201	-2.393029	0.01670994	0.23053622
<i>CCHCR1</i>	-1.538993	0.643136	-2.39295	0.01671354	0.23053622
<i>MINDY3</i>	-1.987659	0.83077	-2.39255	0.016731747	0.23053622
<i>FGD4</i>	-4.884804	2.042666	-2.391386	0.016784884	0.23077756
<i>PELP1</i>	-1.658492	0.693585	-2.391187	0.016793987	0.23077756
<i>EMILIN2</i>	-3.497076	1.463615	-2.389342	0.016878593	0.23163176
<i>PATZ1</i>	-1.647119	0.689994	-2.387148	0.01697965	0.23222317
<i>OGDH</i>	-1.533903	0.642763	-2.386421	0.017013245	0.23222317
<i>FTO</i>	-1.990057	0.833932	-2.386355	0.017016308	0.23222317
<i>METTL6</i>	-1.637201	0.686146	-2.386085	0.017028833	0.23222317
<i>SPIN2B</i>	-1.457851	0.61101	-2.385969	0.0170342	0.23222317
<i>PGAP3</i>	-3.038267	1.274235	-2.384385	0.017107704	0.23230711
<i>MYO1B</i>	-2.911304	1.221236	-2.383899	0.017130285	0.23230711
<i>SMOX</i>	-2.622031	1.100072	-2.383508	0.017148525	0.23230711
<i>ZNF212</i>	-2.134317	0.895997	-2.382058	0.017216196	0.23230711
<i>FAF1</i>	-1.733296	0.727675	-2.381966	0.017220491	0.23230711
<i>KIAA0556</i>	-2.216512	0.930755	-2.381413	0.017246372	0.23230711
<i>HMGCS1</i>	-1.398991	0.587601	-2.380853	0.017272606	0.23230711
<i>STX3</i>	-1.660846	0.697587	-2.380843	0.017273053	0.23230711
<i>DHRS4</i>	-2.077705	0.872734	-2.380685	0.017280489	0.23230711
<i>TNKS</i>	-2.13455	0.896616	-2.380673	0.017281052	0.23230711
<i>MCAT</i>	-1.659715	0.697205	-2.380525	0.017287971	0.23230711
<i>CXorf65</i>	-1.776365	0.746579	-2.379339	0.017343727	0.23261491
<i>BRF1</i>	-2.693167	1.132148	-2.378811	0.017368558	0.23261491
<i>ZNF34</i>	-2.014913	0.8471	-2.378601	0.017378498	0.23261491
<i>ZNF564</i>	-1.866351	0.785267	-2.376709	0.017467885	0.23326115
<i>ULK3</i>	-1.468249	0.617788	-2.376622	0.017471983	0.23326115
<i>CBFA2T3</i>	-1.680113	0.707078	-2.376134	0.017495116	0.23326821
<i>PTGIR</i>	-3.712148	1.563495	-2.374262	0.017584064	0.23415166

TESK2	-1.511072	0.636742	-2.373129	0.017638083	0.23432106
C19orf73	-3.479416	1.466491	-2.372613	0.017662737	0.23432106
BOLA2.SMG1P6	-1.757713	0.740912	-2.372362	0.017674751	0.23432106
DHX34	-1.988305	0.838207	-2.372094	0.017687607	0.23432106
FKBP14	-3.356703	1.417474	-2.368088	0.017880288	0.23641031
DENND6B	1.513204	0.639059	2.367864	0.017891129	0.23641031
LCMT2	-3.051336	1.289078	-2.367068	0.017929634	0.23661615
GTPBP2	-2.084459	0.880977	-2.366077	0.017977681	0.23694722
SEMA7A	-2.154315	0.910846	-2.36518	0.018021289	0.23721901
WDR7	-2.522081	1.066609	-2.36458	0.018050525	0.23730118
ENSG00000218018	-2.224224	0.941711	-2.361898	0.018181667	0.23872112
RPS19	0.17398	0.07369	2.360974	0.018226997	0.23880129
PLAG1	-2.734874	1.158437	-2.360831	0.018234052	0.23880129
TMEM177	-2.723671	1.154131	-2.359931	0.01827832	0.2388704
F11R	-2.632141	1.115417	-2.359783	0.018285622	0.2388704
KCTD9	-1.975329	0.837472	-2.35868	0.018340058	0.23927863
NAGLU	-1.922693	0.815511	-2.357655	0.018390782	0.23963746
AGTPBP1	-2.019493	0.856897	-2.356751	0.018435583	0.23984085
PIGG	-1.491115	0.632793	-2.356403	0.018452872	0.23984085
SLFN5	-2.673421	1.134932	-2.355577	0.018493969	0.23985811
SLC37A4	-2.377225	1.009248	-2.355442	0.018500684	0.23985811
NEK3	-2.492585	1.059064	-2.353573	0.018593972	0.24030449
CARNS1	-3.4914	1.483452	-2.353564	0.018594382	0.24030449
ENSG00000236935	-1.577866	0.670476	-2.353353	0.01860497	0.24030449
PLEKHG2	-2.586105	1.099359	-2.352375	0.018653952	0.24063598
VPS8	-1.410492	0.599863	-2.351357	0.01870507	0.24099415
RIPOR3	-2.104461	0.895447	-2.350178	0.018764431	0.24138612
ENSG00000263264	-1.594208	0.678437	-2.349824	0.018782273	0.24138612
SSBP4	-1.22502	0.521427	-2.349358	0.018805801	0.2413879
FAM229A	-1.976707	0.841769	-2.348277	0.018860482	0.24178903
ZNF865	-1.871947	0.797802	-2.346379	0.0189568	0.24261771
TAS2R4	-2.340071	0.997439	-2.346078	0.018972141	0.24261771
SNX15	-3.184988	1.358031	-2.345298	0.019011867	0.24282483
MTMR1	-1.559702	0.665346	-2.344195	0.019068213	0.24312289
ENSG00000261505	-2.286493	0.9755	-2.343919	0.01908232	0.24312289
ENSG00000253948	-2.035863	0.869188	-2.342258	0.019167443	0.2434254
MX2	-1.951512	0.833233	-2.342097	0.019175753	0.2434254
DAG1	-2.787333	1.190112	-2.342076	0.019176827	0.2434254
BACH1.AS1	-2.283163	0.975386	-2.340778	0.019243598	0.24375585
RAI1	-1.992998	0.851471	-2.340652	0.019250098	0.24375585
TTC39C	-1.551198	0.66294	-2.339878	0.019290034	0.24392747
REPS1	-2.057805	0.879623	-2.339417	0.019313872	0.24392747
PMM2	-2.03289	0.869307	-2.338518	0.0193604	0.24392747
RGCC	-2.508969	1.07307	-2.338123	0.019380877	0.24392747
FAM120B	-1.7426	0.745617	-2.337125	0.019432691	0.24392747
MYEF2	-1.570133	0.671891	-2.336885	0.019445141	0.24392747
SEC16A	-1.937716	0.829269	-2.336657	0.019457041	0.24392747

ZNF436	-3.383804	1.448985	-2.335292	0.019528146	0.24392747
IGKV1.12	-1.928392	0.825831	-2.335093	0.01953857	0.24392747
RFX7	-1.683136	0.720855	-2.334915	0.019547864	0.24392747
PXN.AS1	-1.763744	0.75551	-2.334506	0.01956924	0.24392747
SERGEF	-1.422645	0.609448	-2.334319	0.019579034	0.24392747
LDB1	-1.927114	0.825562	-2.334305	0.01957974	0.24392747
OGT	-1.383662	0.59309	-2.332972	0.019649592	0.24392747
ZNF585A	-1.626782	0.697333	-2.332864	0.019655307	0.24392747
RYBP	-1.747275	0.748988	-2.332849	0.019656072	0.24392747
SNX19	-2.181562	0.935254	-2.332587	0.019669833	0.24392747
CRY2	-1.604478	0.688023	-2.332013	0.019700025	0.24392747
ZNF577	-1.727649	0.740944	-2.331688	0.0197171	0.24392747
WWP1	-1.661864	0.712885	-2.33118	0.019743858	0.24392747
SDCBP2.AS1	-2.023367	0.868072	-2.330874	0.019760016	0.24392747
CD3EAP	-1.692723	0.72662	-2.329584	0.01982813	0.24447587
ENSG00000259321	-1.599098	0.686708	-2.328645	0.019877898	0.24479703
MREG	-3.045476	1.308774	-2.326968	0.019966958	0.24540102
NFYA	-1.621571	0.696931	-2.326731	0.019979584	0.24540102
PPFIBP1	-1.797049	0.772594	-2.325993	0.020018926	0.24540102
NBPF15	-2.075173	0.892295	-2.325657	0.020036844	0.24540102
TATDN2	-1.824585	0.784883	-2.32466	0.020090168	0.24540102
LAMA5	-2.418766	1.040482	-2.324659	0.020090216	0.24540102
VPS26B	-2.794443	1.202118	-2.324599	0.020093398	0.24540102
MOSPD2	-1.820675	0.783412	-2.324033	0.020123703	0.24540464
TANGO2	-1.438519	0.619081	-2.323638	0.020144924	0.24540464
VILL	-1.554429	0.669186	-2.322865	0.020186388	0.24540464
HIST2H2BE	-1.756682	0.756271	-2.32282	0.020188812	0.24540464
TRAPPC11	-1.6031	0.690385	-2.322038	0.020230884	0.24562674
GABARAPL1	-1.844282	0.794926	-2.320069	0.02033717	0.24650471
RAP2A	-2.882886	1.242934	-2.31942	0.020372272	0.24650471
ENSG00000269514	-2.066247	0.890865	-2.319372	0.020374856	0.24650471
ITPK1	-1.682742	0.725741	-2.318653	0.020413834	0.24668709
HABP4	-2.032453	0.876765	-2.318128	0.020442349	0.24674274
ENSG00000261353	-2.935641	1.267114	-2.316793	0.020515008	0.24707046
MORC2	-2.219768	0.958222	-2.316549	0.020528294	0.24707046
ENSG00000273437	-1.752501	0.756765	-2.31578	0.020570258	0.24707046
DPYSL2	-1.793734	0.774655	-2.315525	0.020584207	0.24707046
ANKFY1	-1.507585	0.651103	-2.315434	0.020589205	0.24707046
ENSG00000242861	-1.948453	0.841704	-2.314892	0.020618863	0.24713899
ZCCHC4	-2.33713	1.009631	-2.314837	NA	NA
CCDC126	-1.691411	0.730799	-2.314468	NA	NA
GATD3	-3.076753	1.329537	-2.314154	0.020659287	0.24733624
IFT27	-1.543376	0.667581	-2.311892	0.020783619	0.24853644
TACC1	-1.353301	0.585712	-2.310522	0.020859245	0.2491521
ENSG00000273674	-2.84826	1.233096	-2.309846	NA	NA
DHCR7	-1.961739	0.849698	-2.308749	0.020957516	0.24989258
ADAM15	-3.432467	1.486907	-2.308461	0.02097349	0.24989258

<i>USP44</i>	-2.359461	1.022255	-2.308094	0.020993882	0.24989258
<i>ITM2A</i>	-1.811288	0.78492	-2.307607	0.021020981	0.24992687
<i>ENSG00000262089</i>	-2.445852	1.060576	-2.306154	0.021102018	0.25053696
<i>WIPI1</i>	-1.486204	0.644631	-2.305513	0.021137866	0.25053696
<i>SLC41A1</i>	-1.564846	0.678779	-2.305383	0.021145125	0.25053696
<i>PIEZO1</i>	-1.866395	0.81061	-2.302456	0.021309481	0.25219478
<i>VMAC</i>	-1.476889	0.642053	-2.300261	0.021433427	0.2533711
<i>TAB1</i>	-1.556018	0.67692	-2.298674	0.02152346	0.25412259
<i>MRPS24</i>	-2.458222	1.069595	-2.298273	0.021546247	0.25412259
<i>COG6</i>	-1.613498	0.702219	-2.297715	0.021578	0.25420657
<i>TTC4</i>	-2.716051	1.183061	-2.295783	0.021688301	0.25471042
<i>DNAJC27.AS1</i>	-3.823416	1.66549	-2.29567	0.021694762	0.25471042
<i>FES</i>	-3.226407	1.405572	-2.295441	0.021707844	0.25471042
<i>ARF4.AS1</i>	-3.091603	1.346964	-2.295238	0.021719494	0.25471042
<i>ENSG00000174171</i>	-3.045507	1.327671	-2.293871	0.02179789	0.25523056
<i>ZNF235</i>	-1.860442	0.811144	-2.293603	0.021813309	0.25523056
<i>UVSSA</i>	-1.890854	0.82485	-2.29236	0.021884885	0.25577804
<i>ENSG00000260136</i>	-2.419052	1.05635	-2.29001	0.022020717	0.25703644
<i>PRKAR1B</i>	-2.532087	1.10589	-2.289637	0.022042369	0.25703644
<i>RHOB</i>	-2.690393	1.1758	-2.288138	0.022129504	0.25707543
<i>GADD45A</i>	-1.902209	0.831439	-2.287852	0.022146155	0.25707543
<i>BAG4</i>	-1.398784	0.611508	-2.287434	0.02217052	0.25707543
<i>SLFN13</i>	-2.215068	0.968598	-2.28688	0.022202847	0.25707543
<i>XXYLT1</i>	-2.681348	1.17265	-2.286571	0.022220853	0.25707543
<i>RUVBL1</i>	-1.497562	0.655068	-2.286117	0.022247389	0.25707543
<i>TNFRSF10D</i>	-3.759896	1.644913	-2.285773	0.022267564	0.25707543
<i>MYH3</i>	-2.435476	1.065619	-2.285504	0.022283317	0.25707543
<i>GPM6A</i>	-3.001369	1.313402	-2.285187	0.022301869	0.25707543
<i>PTER</i>	-1.416179	0.619769	-2.28501	0.022312251	0.25707543
<i>BBS10</i>	-2.338296	1.023377	-2.284882	0.022319728	0.25707543
<i>RNFT2</i>	-3.044044	1.333135	-2.283372	0.02240844	0.25780948
<i>ZNF232</i>	-1.373398	0.602152	-2.280816	0.022559364	0.25874063
<i>KLHL8</i>	-1.335569	0.585684	-2.280359	0.022586425	0.25874063
<i>PGAP2</i>	-1.48035	0.649181	-2.280336	0.022587773	0.25874063
<i>NAA35</i>	-1.951339	0.855759	-2.280243	0.022593276	0.25874063
<i>TMSB4X</i>	-0.149662	0.065654	-2.27955	0.022634372	0.25874063
<i>ZC2HC1A</i>	-2.045181	0.89727	-2.279337	0.022647035	0.25874063
<i>PITPNC1</i>	-2.582361	1.13319	-2.278841	0.022676496	0.25874063
<i>PLEKHF1</i>	-1.911404	0.839023	-2.278129	0.022718879	0.25874063
<i>SLC35B1</i>	-1.386001	0.608483	-2.277797	0.022738678	0.25874063
<i>FDXR</i>	-2.359017	1.036151	-2.27671	0.022803542	0.25874063
<i>CANT1</i>	-1.321783	0.58075	-2.275994	0.022846397	0.25874063
<i>MAP3K7CL</i>	-2.423621	1.064902	-2.275911	0.022851367	0.25874063
<i>ENSG00000264112</i>	-2.789982	1.226132	-2.275433	0.022879944	0.25874063
<i>ZBTB21</i>	-2.013707	0.885133	-2.275034	0.022903879	0.25874063
<i>CHAF1A</i>	-1.843005	0.810351	-2.274329	0.022946196	0.25874063
<i>SLC22A18</i>	-3.074344	1.351902	-2.274088	0.022960688	0.25874063

<i>CD99L2</i>	-2.169538	0.954028	-2.274083	0.022960975	0.25874063
<i>OTUD6B</i>	-1.540616	0.677481	-2.274035	0.022963883	0.25874063
<i>IKZF2</i>	-1.960461	0.862252	-2.273651	0.022986982	0.25874063
<i>FBXW8</i>	-2.697832	1.186597	-2.273587	0.022990809	0.25874063
<i>ENSG00000260793</i>	-1.768538	0.778456	-2.271853	0.023095396	0.25952627
<i>IMPA2</i>	-2.467305	1.086155	-2.271596	0.023110915	0.25952627
<i>SGCB</i>	-1.873456	0.825046	-2.27073	0.023163337	0.25983222
<i>CCDC7</i>	-2.608772	1.149205	-2.270067	0.023203514	0.26000029
<i>MINDY1</i>	-2.437091	1.073932	-2.269317	0.023249055	0.26015206
<i>FAM91A1</i>	-1.268636	0.559113	-2.269014	0.023267476	0.26015206
<i>NFYB</i>	-1.437206	0.634066	-2.266651	0.02341157	0.2611291
<i>ENSG00000261098</i>	-1.580047	0.697256	-2.266093	0.023445701	0.2611291
<i>GCLM</i>	-1.580193	0.69737	-2.265933	0.023455477	0.2611291
<i>C16orf70</i>	-1.51678	0.669387	-2.265923	0.023456073	0.2611291
<i>DPPA4</i>	-2.194625	0.969762	-2.263055	0.023632284	0.26259904
<i>ZNF782</i>	-3.477663	1.536924	-2.262742	0.023651618	0.26259904
<i>GLI4</i>	-2.930099	1.295052	-2.262534	0.023664448	0.26259904
<i>APOBEC3F</i>	-1.360346	0.601614	-2.26116	0.023749348	0.26325808
<i>LCN8</i>	-3.552102	1.571057	-2.260964	0.023761484	NA
<i>GIPC1</i>	-2.626404	1.16384	-2.25667	0.02402869	0.26577449
<i>SH3D19</i>	-2.729542	1.209729	-2.256326	0.024050235	0.26577449
<i>AMPD2</i>	-1.862922	0.825681	-2.256224	0.024056626	0.26577449
<i>CNNM3</i>	-2.773281	1.229575	-2.255479	0.024103251	0.26577449
<i>GLRX5</i>	-1.907465	0.845726	-2.255418	0.024107131	0.26577449
<i>PDIK1L</i>	-2.119767	0.940207	-2.254576	0.024159977	0.26577449
<i>GNAQ</i>	-3.978749	1.764753	-2.254564	0.024160682	NA
<i>AGPS</i>	-1.548057	0.686687	-2.254383	0.024172074	0.26577449
<i>TRIM3</i>	-3.113505	1.381628	-2.253505	0.024227348	0.26577449
<i>FAM118B</i>	-1.845692	0.819068	-2.253404	0.024233704	0.26577449
<i>ENSG00000261474</i>	-2.176639	0.966071	-2.253084	0.024253863	0.26577449
<i>TBC1D2B</i>	-1.857222	0.824354	-2.252943	0.024262724	0.26577449
<i>MTX3</i>	-2.722536	1.208628	-2.252584	0.024285402	0.26577449
<i>ENSG00000267519</i>	-1.460825	0.64903	-2.250782	0.024399347	0.26608835
<i>SAMD1</i>	-1.652777	0.734351	-2.250663	0.024406917	0.26608835
<i>TRAFD1</i>	-1.456333	0.647271	-2.249958	0.024451633	0.26608835
<i>DDHD2</i>	-1.403212	0.623789	-2.249498	0.024480852	0.26608835
<i>LRSAM1</i>	-2.028943	0.901984	-2.249423	0.024485594	0.26608835
<i>GLCE</i>	-3.020752	1.342926	-2.249381	0.024488281	0.26608835
<i>MAN2A2</i>	-2.100137	0.933744	-2.249158	0.024502436	0.26608835
<i>ENSG00000282393</i>	-2.540584	1.129713	-2.248877	0.024520351	0.26608835
<i>WNT10A</i>	-1.452935	0.646616	-2.246984	0.024641076	0.2668302
<i>KMT2B</i>	-2.141679	0.953398	-2.246364	0.024680709	0.2668302
<i>PPARGC1B</i>	-2.90431	1.292956	-2.246256	0.024687585	0.2668302
<i>LINC02018</i>	-1.884832	0.839232	-2.245899	0.024710458	0.2668302
<i>ZNF10</i>	-3.198486	1.42422	-2.245782	0.024717991	0.2668302
<i>ENSG00000237440</i>	-1.790168	0.797484	-2.24477	0.024782883	0.26725115
<i>RORA.AS1</i>	-2.536834	1.130461	-2.24407	0.024827894	0.26744039

<i>LMBRD2</i>	-2.391643	1.066193	-2.243162	0.024886342	0.26744039
<i>MLLT3</i>	-2.236234	0.996966	-2.243041	0.024894191	0.26744039
<i>BTBD9</i>	-2.404937	1.072565	-2.24223	0.024946503	0.26744039
<i>USP49</i>	-3.168366	1.413093	-2.242149	0.024951747	0.26744039
<i>ANKRD42</i>	-1.407226	0.627642	-2.242084	0.02495592	0.26744039
<i>SGCE</i>	-2.33882	1.043377	-2.241586	0.024988147	0.26750797
<i>RHOBTB2</i>	-1.795825	0.801622	-2.240238	0.025075454	0.26800757
<i>INVS</i>	-2.185497	0.97564	-2.240064	0.025086755	0.26800757
<i>SLC2A8</i>	-1.578836	0.70553	-2.2378	0.025234086	0.26874212
<i>TRIB2</i>	-2.714738	1.213258	-2.23756	0.025249763	0.26874212
<i>PSKH1</i>	-1.875505	0.838319	-2.237221	0.025271928	0.26874212
<i>UBE2M</i>	-1.719799	0.768752	-2.237132	0.025277719	0.26874212
<i>TCFL5</i>	-1.814223	0.811143	-2.236626	0.025310813	0.26874212
<i>MICA</i>	-1.396274	0.624412	-2.236141	0.025342556	0.26874212
<i>NUP58</i>	-1.387815	0.620717	-2.235823	0.02536334	0.26874212
<i>ZNF300</i>	-3.026006	1.353521	-2.235656	0.025374345	0.26874212
<i>METTL25</i>	-1.800304	0.805464	-2.235115	0.025409774	0.26874212
<i>RFX2</i>	-1.661274	0.743292	-2.235022	0.025415922	0.26874212
<i>ITPR3</i>	-1.673523	0.749278	-2.233515	0.025514984	0.26878092
<i>PRKACA</i>	-1.647618	0.737688	-2.233489	0.025516691	0.26878092
<i>PPP2R3A</i>	-2.879442	1.289274	-2.233382	0.025523736	0.26878092
<i>SLC22A5</i>	-3.006375	1.346109	-2.233382	0.02552377	0.26878092
<i>SFXN4</i>	-2.165588	0.96983	-2.232956	0.025551818	0.268802
<i>FRS3</i>	-3.151601	1.411739	-2.232425	0.025586907	0.26889703
<i>IMPACT</i>	-1.705256	0.764115	-2.231673	0.025636554	0.269099
<i>ENSG00000272871</i>	-2.950537	1.322644	-2.230788	0.025695192	0.269099
<i>FBXO2</i>	-2.957966	1.326182	-2.230438	0.025718358	0.269099
<i>CETP</i>	-2.806043	1.258129	-2.230331	0.025725488	0.269099
<i>GPD2</i>	-2.692988	1.20769	-2.229868	0.025756208	0.269099
<i>ENSG00000187951</i>	-1.936767	0.868615	-2.229718	NA	NA
<i>ZNF382</i>	-1.921578	0.86182	-2.229676	0.025768989	0.269099
<i>LIG3</i>	-1.742918	0.781795	-2.22938	0.025788654	0.269099
<i>VCPKMT</i>	-1.441312	0.646703	-2.228709	0.025833242	0.26910586
<i>FBXO6</i>	-1.693789	0.760285	-2.227834	0.025891596	0.26910586
<i>CEP85</i>	-3.026524	1.358534	-2.227787	0.025894721	0.26910586
<i>TNFSF12</i>	-1.262097	0.566577	-2.22758	0.025908519	0.26910586
<i>NDRG2</i>	-3.317205	1.489264	-2.227413	0.025919692	0.26910586
<i>ZNF792</i>	-2.710692	1.217298	-2.22681	0.025959944	0.26925289
<i>ENSG00000279816</i>	-1.659854	0.745958	-2.225132	0.026072379	0.26975977
<i>SLC38A5</i>	-2.281343	1.025342	-2.224958	0.026084027	0.26975977
<i>ZCCHC2</i>	-1.559392	0.700947	-2.224694	0.026101771	0.26975977
<i>ENSG00000197813</i>	-3.159184	1.420215	-2.22444	0.026118824	0.26975977
<i>TMEM254</i>	-2.092639	0.940878	-2.224133	0.026139512	0.26975977
<i>RPUSD2</i>	-1.312322	0.59029	-2.223182	0.02620354	0.27015038
<i>NCAPD2</i>	-1.753094	0.78889	-2.222227	0.026267965	0.27054431
<i>HCFC2</i>	-3.142239	1.414359	-2.22167	0.026305634	0.27066216
<i>CERNA1</i>	-1.683341	0.758069	-2.220564	0.026380539	0.27095978

SLC39A8	-2.992493	1.348182	-2.21965	0.026442534	0.27095978
PPP2R2D	-1.772723	0.79885	-2.219095	0.02648025	0.27095978
ENSG00000230555	-1.934517	0.871783	-2.219036	0.026484304	0.27095978
SLC35A2	-1.583816	0.713856	-2.218676	0.026508779	0.27095978
NMB	-2.056348	0.927051	-2.21816	0.026543957	0.27095978
DDX51	-2.036351	0.918104	-2.217995	NA	NA
SHMT1	-1.68973	0.76188	-2.217843	0.026565522	0.27095978
HEATR5B	-1.711655	0.771849	-2.217603	0.026581882	0.27095978
ENSG00000232527	-2.614381	1.179131	-2.21721	0.02660876	0.27095978
CLECL1	-1.615784	0.728826	-2.216967	0.026625326	0.27095978
PLEKHO2	-2.231032	1.006435	-2.216767	0.026639011	0.27095978
ENTR1	-1.602126	0.722812	-2.216519	0.026655997	0.27095978
CHD1L	-1.34147	0.60536	-2.215986	0.026692477	0.27095978
UQCRHL	-1.641252	0.740689	-2.215845	0.026702141	0.27095978
ENSG00000269898	-2.468251	1.114636	-2.214401	0.026801178	0.27108887
ANO10	-2.644354	1.194175	-2.214377	0.026802848	0.27108887
CNN3	-1.734974	0.784	-2.212977	0.026899266	0.27108887
ATAD3A	-1.666803	0.753349	-2.212524	0.026930453	0.27108887
DDX60	-2.313419	1.045891	-2.211912	0.026972723	0.27108887
ABCD3	-1.744666	0.788905	-2.211504	0.027000956	0.27108887
MIR4458HG	-1.493175	0.675193	-2.211477	0.027002835	0.27108887
PTPRK	-2.083326	0.942154	-2.211238	0.027019366	0.27108887
VAV3	-1.603309	0.725133	-2.211055	0.027032009	0.27108887
FCGBP	-1.675283	0.757866	-2.210526	0.027068675	0.27108887
TSTD2	-1.461404	0.661135	-2.210449	0.02707403	0.27108887
NKIRAS1	-1.480936	0.670084	-2.210075	0.027099925	0.27108887
OTUD3	-2.153337	0.974372	-2.209974	0.027106938	0.27108887
LRIG2	-1.527846	0.69143	-2.20969	0.027126719	0.27108887
KIAA0753	-3.158811	1.429688	-2.209441	0.027143987	0.27108887
ZNF584	-2.089215	0.945605	-2.209395	0.027147171	0.27108887
GNA11	-2.696166	1.220432	-2.20919	0.027161424	0.27108887
PNPO	-2.399969	1.087179	-2.207519	0.027277824	0.27166948
COPG2	-2.787044	1.262936	-2.206798	0.027328205	0.27166948
ATP11A	-1.777783	0.805651	-2.206642	0.027339063	0.27166948
RTKN	-3.736852	1.693638	-2.206405	0.027355624	0.27166948
ENSG00000268220	-3.238035	1.467754	-2.206116	0.027375882	0.27166948
MTMR10	-2.373933	1.076081	-2.206092	0.027377545	0.27166948
ATP13A3	-1.670063	0.757615	-2.204368	0.02749848	0.27224364
C20orf96	-2.065415	0.937048	-2.204171	0.027512307	0.27224364
ICMT	-2.243743	1.01815	-2.203744	0.02754234	0.27224364
ABHD6	-2.257152	1.024273	-2.203663	0.02754806	0.27224364
ERLIN1	-2.244403	1.018614	-2.20339	0.027567307	0.27224364
LARGE2	-1.322934	0.600856	-2.201747	0.027683171	0.2731265
INPPL1	-1.534411	0.697397	-2.200198	0.027792881	0.27376647
BPGM	-1.451905	0.660038	-2.199731	0.027825989	0.27376647
THNSL1	-2.632481	1.196764	-2.199665	0.027830642	0.27376647
ZNF436.AS1	-2.73624	1.244298	-2.199024	0.027876241	0.27376647

<i>AIM2</i>	-3.297573	1.499642	-2.198907	0.027884559	0.27376647
<i>CSTF2</i>	-2.520481	1.146433	-2.198542	0.027910509	0.27376647
<i>RTCA</i>	-1.260262	0.573311	-2.198216	0.02793373	0.27376647
<i>ZKSCAN5</i>	-2.757501	1.254686	-2.197762	0.027966046	0.27382315
<i>NOXA1</i>	-3.609831	1.643451	-2.196495	0.028056562	NA
<i>AIFM1</i>	-1.625103	0.739869	-2.196473	0.028058118	0.27446425
<i>PLEKHA8</i>	-2.362213	1.075811	-2.195752	0.028109734	0.27470876
<i>C8orf88</i>	-2.047783	0.932927	-2.19501	0.028162895	0.27479716
<i>SCLY</i>	-1.997053	0.909868	-2.194882	0.028172035	0.27479716
<i>C12orf60</i>	-2.55177	1.162963	-2.194197	0.02822127	0.27501747
<i>ENSG00000232412</i>	-3.281052	1.496577	-2.19237	0.028352778	NA
<i>TBC1D7</i>	-2.315807	1.056327	-2.192319	0.028356466	0.27607427
<i>ITGA3</i>	-3.081626	1.406291	-2.191314	0.028429094	0.2765205
<i>TMEM50B</i>	-1.212514	0.553591	-2.19027	0.028504653	0.27682307
<i>ZSCAN22</i>	-2.789589	1.273702	-2.190143	0.028513849	0.27682307
<i>PILRA</i>	-3.714045	1.69614	-2.189704	0.028545728	NA
<i>MYLK.AS1</i>	-1.747186	0.798054	-2.189307	0.028574527	0.27696459
<i>TTC39B</i>	-3.16316	1.445141	-2.188824	0.0286096	0.27696459
<i>FAM161B</i>	-3.043502	1.390766	-2.188364	0.028643075	0.27696459
<i>CARD6</i>	-3.028846	1.384182	-2.188185	0.02865611	0.27696459
<i>DUS2</i>	1.309778	0.598596	2.188085	0.028663385	0.27696459
<i>IMPDH1</i>	-1.519631	0.694616	-2.187728	0.028689452	0.27696459
<i>SCML4</i>	-2.479729	1.134559	-2.185633	0.028842447	0.27790611
<i>ZNF252P.AS1</i>	-3.5555	1.627079	-2.185204	0.028873923	0.27790611
<i>NHLRC4</i>	-2.571025	1.17659	-2.18515	0.028877834	0.27790611
<i>HIST4H4</i>	-2.216553	1.014587	-2.184684	0.028912004	0.27790611
<i>CENPP</i>	-3.109799	1.423622	-2.184428	0.028930824	0.27790611
<i>GYS1</i>	-1.53434	0.702567	-2.183907	0.028969066	0.27790611
<i>TTC34</i>	-3.206266	1.46846	-2.18342	0.029004891	0.27790611
<i>CLSTN3</i>	-2.320198	1.062719	-2.183265	0.029016319	0.27790611
<i>SESN1</i>	-1.386268	0.635019	-2.183034	0.029033273	0.27790611
<i>ENSG00000271254</i>	-1.915599	0.877652	-2.182639	0.029062387	0.27790611
<i>MORN3</i>	-3.564706	1.633972	-2.181619	0.029137635	0.27790611
<i>ACOX1</i>	-1.642076	0.752781	-2.181347	0.029157772	0.27790611
<i>POT1</i>	-1.600753	0.73384	-2.181338	0.029158404	0.27790611
<i>SPRYD3</i>	-1.646556	0.754979	-2.180929	0.029188694	0.27790611
<i>NUDCD1</i>	-1.761963	0.807907	-2.180899	0.029190913	0.27790611
<i>ENSG00000260495</i>	-3.349439	1.536124	-2.180448	0.029224239	NA
<i>INTS14</i>	-1.530894	0.702475	-2.179286	0.029310434	0.2787868
<i>CXCL8</i>	-3.615112	1.659318	-2.178673	0.029355938	0.27896251
<i>ZNF570</i>	-1.516839	0.696609	-2.177462	0.029446111	0.27921175
<i>SETD1A</i>	-1.500032	0.688926	-2.177349	0.029454527	0.27921175
<i>SAMD10</i>	-2.897713	1.33102	-2.177062	0.029475959	0.27921175
<i>C9orf64</i>	-2.456256	1.128366	-2.176825	0.029493659	0.27921175
<i>ENSG00000248559</i>	-1.719844	0.790207	-2.176448	0.02952179	0.27921175
<i>DDX11</i>	-1.463981	0.672805	-2.175937	0.029559988	0.27921175
<i>ZNF398</i>	-2.081741	0.956781	-2.175777	0.029571941	0.27921175



<i>BIRC5</i>	-3.193004	1.468032	-2.175023	0.029628381	0.27921175
<i>ENSG00000231113</i>	-2.296933	1.056218	-2.174676	0.029654412	0.27921175
<i>SH3BP5.AS1</i>	-1.772796	0.81537	-2.174224	0.029688288	0.27921175
<i>RSPRY1</i>	-1.425553	0.655753	-2.173917	0.029711345	0.27921175
<i>CFAP44</i>	-2.15937	0.993327	-2.173875	0.029714499	0.27921175
<i>RCBTB1</i>	-1.653871	0.761259	-2.172547	0.029814426	0.27921175
<i>UCKL1</i>	-1.198348	0.551628	-2.172385	0.029826604	0.27921175
<i>MEI1</i>	-1.407657	0.648811	-2.169596	0.030037462	0.27921175
<i>ETAA1</i>	-1.604742	0.739708	-2.169428	0.030050234	0.27921175
<i>MIR222HG</i>	-3.095518	1.42689	-2.169417	0.030051074	0.27921175
<i>DSE</i>	-1.71272	0.789616	-2.169054	0.030078621	0.27921175
<i>RANGAP1</i>	-1.562574	0.720462	-2.16885	0.030094064	0.27921175
<i>ERLIN2</i>	-1.689753	0.779769	-2.166991	0.030235512	0.27921175
<i>LINC01684</i>	-2.258449	1.042251	-2.166895	0.030242859	0.27921175
<i>B4GAT1</i>	-3.183429	1.469132	-2.166877	0.03024421	0.27921175
<i>FKBP5</i>	-1.501382	0.692961	-2.166618	0.030263964	0.27921175
<i>CSE1L</i>	-1.402091	0.647223	-2.166318	0.030286926	0.27921175
<i>FANCM</i>	-1.520517	0.701939	-2.166166	0.030298482	0.27921175
<i>CCDC71L</i>	-1.767435	0.81629	-2.165204	0.030372034	0.27921175
<i>PDLIM7</i>	-1.544802	0.713484	-2.165155	0.030375852	0.27921175
<i>CEP192</i>	-1.603365	0.740669	-2.164753	0.030406569	0.27921175
<i>SLC9A8</i>	-2.017821	0.932338	-2.164259	0.030444461	0.27921175
<i>SLX4</i>	-2.980691	1.377554	-2.163757	0.030483033	0.27921175
<i>MEGF8</i>	-2.169296	1.002565	-2.163746	0.030483883	0.27921175
<i>ZNF763</i>	-2.983476	1.379178	-2.163228	0.030523639	0.27921175
<i>TMEM94</i>	-1.765097	0.816046	-2.162989	0.030542063	0.27921175
<i>HYAL2</i>	-2.600008	1.20216	-2.162781	0.030557995	0.27921175
<i>LPAR2</i>	-2.317102	1.071738	-2.162005	0.030617797	0.27921175
<i>IGHV3.7</i>	-4.180724	1.933865	-2.161849	0.030629832	NA
<i>PLEKHB1</i>	-2.325346	1.075782	-2.161541	0.030653599	0.27921175
<i>IL9R</i>	-2.276614	1.053355	-2.161298	0.030672352	0.27921175
<i>GALNT3</i>	-1.868066	0.864488	-2.160893	0.030703605	0.27921175
<i>PLD2</i>	-2.528779	1.170414	-2.160585	0.03072741	0.27921175
<i>CDC42BPB</i>	-1.942635	0.899138	-2.160552	0.030729984	0.27921175
<i>ASXL1</i>	-1.274605	0.59002	-2.160273	0.030751565	0.27921175
<i>ENSG00000237181</i>	-2.512623	1.163635	-2.159289	0.030827745	0.27921175
<i>RELL2</i>	-1.782038	0.825492	-2.158758	0.030868953	0.27921175
<i>SART3</i>	-1.460847	0.676732	-2.15868	0.030875029	0.27921175
<i>ENSG00000228801</i>	-1.970536	0.91288	-2.158592	0.030881834	0.27921175
<i>L2HGDH</i>	-2.647986	1.22677	-2.158503	0.030888739	0.27921175
<i>AASS</i>	-2.657255	1.232089	-2.156706	0.03102856	0.27921175
<i>L1TD1</i>	-2.130898	0.988085	-2.156593	0.03103741	0.27921175
<i>ENSG00000276148</i>	-2.670167	1.2382	-2.156491	0.031045363	0.27921175
<i>SKP2</i>	-1.786401	0.82839	-2.156475	0.031046622	0.27921175
<i>STYX</i>	-1.45886	0.676641	-2.156033	0.031081055	0.27921175
<i>ENSG00000247134</i>	-3.508108	1.627256	-2.155843	0.031095948	0.27921175
<i>ACAP3</i>	-2.238224	1.038843	-2.154535	0.031198219	0.27921175

HS6ST1	-2.727869	1.266451	-2.153947	0.031244304	0.27921175
MRPS6	1.14753	0.532899	2.153371	0.031289507	0.27921175
DFFB	-2.755885	1.279904	-2.153196	0.031303248	0.27921175
RSPH3	-1.459062	0.677646	-2.153132	0.031308287	0.27921175
PEMT	-1.990224	0.924379	-2.153039	0.031315592	0.27921175
GPR89B	-1.501704	0.69758	-2.152732	0.031339726	0.27921175
FBXO4	-1.393897	0.647597	-2.152415	0.031364706	0.27921175
GNAZ	-2.318842	1.077551	-2.151954	0.031400943	0.27921175
NEURL1	-5.549515	2.578839	-2.151944	0.031401798	0.27921175
ACACA	-2.408222	1.119119	-2.15189	0.031406009	0.27921175
ZNF197	-2.522463	1.172246	-2.151821	0.031411486	0.27921175
PIK3R4	-2.207732	1.026018	-2.151747	0.031417284	0.27921175
ANKRD52	-1.705687	0.792737	-2.151643	0.031425493	0.27921175
SUV39H1	-2.13228	0.991008	-2.151627	0.031426779	0.27921175
FASN	-3.631958	1.688033	-2.151592	0.03142953	NA
NLK	-1.69867	0.789783	-2.150805	0.031491576	0.27921175
ZNF616	-2.370116	1.101988	-2.150763	0.03149491	0.27921175
MAP11	-2.141329	0.99588	-2.150187	0.03154045	0.27921175
CASTOR3	-1.991885	0.926413	-2.150106	0.031546869	0.27921175
CARMIL1	-2.065739	0.960894	-2.14981	0.031570266	0.27921175
TCTEX1D2	-1.458871	0.678612	-2.149786	0.03157213	0.27921175
PRADC1	-1.6593	0.771977	-2.149416	0.031601441	0.27921175
TBC1D10B	-1.515375	0.705037	-2.149356	0.031606198	0.27921175
IGFBP4	-2.027947	0.943514	-2.149355	0.031606292	0.27921175
ZNF35	-2.427183	1.129425	-2.149043	0.031631021	0.27921175
ZNF519	-1.621937	0.754757	-2.148953	0.031638091	0.27921175
TFRC	-1.763132	0.820635	-2.148497	0.031674315	0.27921175
PHRF1	-1.437132	0.669091	-2.147886	0.031722805	0.27921175
MAGED1	-2.145539	0.999158	-2.147346	0.031765712	0.27921175
ALG1L2	-3.196517	1.488626	-2.147293	0.031769925	0.27921175
LINC00526	-1.817176	0.84634	-2.1471	0.031785301	0.27921175
TENT4A	-2.313154	1.077527	-2.146725	0.0318152	0.27921175
CHAC2	-3.125282	1.455941	-2.146571	0.031827449	0.27921175
CPSF1	-1.779888	0.829394	-2.14601	0.031872154	0.27921175
COLEC12	-1.808663	0.843007	-2.145488	0.031913814	0.27921175
ENSG00000229999	-1.36261	0.635264	-2.144951	0.031956733	0.27921175
AGAP6	-3.179378	1.482525	-2.144569	NA	NA
AP4B1	-2.130763	0.993607	-2.144472	0.031995089	0.27921175
SNAI3	-1.796435	0.837807	-2.144212	0.032015927	0.27921175
NBPF10	-1.458569	0.68028	-2.14407	0.032027252	0.27921175
TLR7	-1.980624	0.92381	-2.143973	0.032035027	0.27921175
DNAH14	-2.242476	1.046302	-2.143239	0.032093894	0.27921175
ENSG00000271806	-3.133165	1.462076	-2.142957	0.032116586	0.27921175
FICD	-2.244831	1.047674	-2.14268	0.03213877	0.27921175
ZNF251	-3.463982	1.616786	-2.142512	0.032152307	0.27921175
ENSG00000247363	-2.33024	1.087701	-2.142354	0.032165011	0.27921175
PPAT	-2.030711	0.948318	-2.141382	0.032243231	0.27921175

<i>ASCC1</i>	-1.337097	0.624423	-2.141332	0.032247298	0.27921175
<i>CASP2</i>	-1.2907	0.602884	-2.140877	0.032283949	0.27921175
<i>PGBD4</i>	-1.667926	0.779108	-2.140816	0.032288919	0.27921175
<i>HSPA14</i>	-1.535337	0.717187	-2.140775	0.032292157	0.27921175
<i>KIAA0319L</i>	-1.298759	0.606694	-2.140714	0.032297108	0.27921175
<i>ZC3H18</i>	-1.33132	0.622003	-2.140374	0.032324548	0.27921175
<i>ENSG00000237188</i>	-2.005334	0.937016	-2.140128	0.032344406	0.27921175
<i>RBBP9</i>	-2.026884	0.9471	-2.140095	0.032347083	0.27921175
<i>ENSG00000266385</i>	-3.104152	1.450498	-2.140059	0.032349982	0.27921175
<i>ZNF473</i>	-1.846959	0.863186	-2.139699	0.032379133	0.27921175
<i>ZBTB40</i>	-1.396699	0.6528	-2.13955	0.032391138	0.27921175
<i>TIGD7</i>	-2.217097	1.036522	-2.138977	0.032437501	0.27921175
<i>MAP2K4</i>	-1.48134	0.692588	-2.138848	0.032447941	0.27921175
<i>INKA2</i>	-2.595036	1.213644	-2.138218	0.032499016	0.27921175
<i>ZBED6CL</i>	-3.181218	1.488166	-2.137677	0.032542959	0.27921175
<i>RBM45</i>	-1.499903	0.701666	-2.137633	0.03254657	0.27921175
<i>CTNNBIP1</i>	-1.852292	0.866727	-2.137111	0.032588986	0.27921175
<i>LSM11</i>	-3.144949	1.471692	-2.136961	0.032601169	0.27921175
<i>TRIM39</i>	-1.386368	0.648765	-2.136934	0.032603379	0.27921175
<i>CD5</i>	-2.234099	1.04549	-2.136891	0.03260683	0.27921175
<i>PARP3</i>	-1.617862	0.75723	-2.136553	0.032634394	0.27921175
<i>INTS7</i>	-1.981348	0.927736	-2.135681	0.032705414	0.27921175
<i>WDCP</i>	-2.345792	1.098428	-2.13559	0.032712844	0.27921175
<i>ENSG00000274605</i>	-2.549495	1.194134	-2.135017	0.032759661	0.27921175
<i>PAXIP1</i>	-2.502523	1.172171	-2.134948	0.032765279	0.27921175
<i>PSTPIP1</i>	-1.584527	0.742283	-2.134668	0.032788144	0.27921175
<i>RALGPS1</i>	-1.53689	0.719977	-2.134638	0.032790629	0.27921175
<i>LINC02352</i>	-1.945725	0.911632	-2.134331	0.032815674	0.27921175
<i>ZNF682</i>	-1.886575	0.883932	-2.1343	0.032818203	0.27921175
<i>RAB40B</i>	-2.668205	1.250711	-2.133349	0.032896073	0.27961792
<i>ENSG00000267169</i>	-2.919149	1.368529	-2.133056	0.032920133	0.27961792
<i>ENSG00000224738</i>	-3.122231	1.464259	-2.132294	0.032982687	0.27988973
<i>IL2RA</i>	-1.939577	0.909789	-2.131898	0.033015209	0.27988973
<i>PTTG1</i>	-3.035039	1.423781	-2.131676	0.033033497	0.27988973
<i>CDC14A</i>	-2.161552	1.014192	-2.131305	0.033064029	0.2799186
<i>LINC01597</i>	-2.292319	1.075959	-2.13049	0.033131222	0.28025755
<i>GDPD1</i>	-3.020591	1.418211	-2.12986	0.033183133	0.28046677
<i>TSPAN10</i>	-2.297506	1.079047	-2.129198	0.033237857	0.28050697
<i>PKIA</i>	-3.508995	1.648077	-2.129145	0.03324225	0.28050697
<i>OSBPL10</i>	-1.300324	0.610925	-2.12845	0.033299781	0.2805482
<i>DGCR8</i>	-1.699695	0.798568	-2.128429	0.033301507	0.2805482
<i>RUSC1</i>	-1.350458	0.63472	-2.127645	0.033366487	0.28060428
<i>IGHV1.18</i>	-3.566494	1.676323	-2.12757	0.033372777	NA
<i>MYD88</i>	-1.276718	0.600146	-2.127345	0.033391451	0.28060428
<i>AZIN1.AS1</i>	-2.937454	1.38097	-2.127095	0.033412153	0.28060428
<i>GOLGA5</i>	-1.266802	0.595789	-2.12626	0.033481631	0.28060428
<i>KCNN4</i>	-1.599882	0.752543	-2.125968	0.033505925	0.28060428

LINC01569	-3.577341	1.682984	-2.125594	0.033537065	0.28060428
NCOR2	-1.663002	0.782416	-2.125471	0.033547306	0.28060428
ZNF852	-2.647458	1.24561	-2.125431	0.033550668	0.28060428
ZNF155	-1.748988	0.822907	-2.125378	0.033555067	0.28060428
POLA2	-2.586442	1.217381	-2.124596	0.033620355	0.28060428
PDK1	-1.3016	0.612709	-2.124337	0.033641956	0.28060428
RAD51AP1	-1.772201	0.834309	-2.124153	0.033657384	0.28060428
ABC9	-4.168407	1.962396	-2.124142	0.033658298	NA
MAP1LC3B2	-1.910672	0.89952	-2.124102	0.033661637	0.28060428
KIF13B	-2.870324	1.352385	-2.122417	0.033802742	0.28097348
XRCC4	-1.434474	0.676059	-2.121818	0.033853041	0.28097348
SLC29A2	-2.48831	1.172746	-2.12178	0.033856195	0.28097348
DUSP14	-1.699136	0.800817	-2.121754	0.033858405	0.28097348
XG	-3.358979	1.583175	-2.121673	0.033865247	0.28097348
SIK2	-2.362804	1.113707	-2.121567	0.033874129	0.28097348
MGAT3	-2.828482	1.333554	-2.121011	0.033920877	0.28097348
TMEM64	-2.125865	1.002535	-2.120489	0.033964801	0.28097348
ZNF93	-2.507341	1.182481	-2.120407	0.033971746	0.28097348
GK5	-1.911987	0.90174	-2.12033	0.033978188	0.28097348
CLSTN1	-1.325172	0.625101	-2.119934	0.034011581	0.28102443
ENSG00000269399	-1.574415	0.742815	-2.119524	0.03404619	0.28108534
GSK3B	-1.320605	0.623189	-2.119108	0.034081301	0.2811503
KPTN	-2.634794	1.243592	-2.118696	0.034116178	0.28121322
NSMF	-3.009196	1.421821	-2.116438	0.03430756	0.28245649
ENSG00000251661	-2.45966	1.162677	-2.115514	0.034386201	0.28245649
STARD5	-2.053993	0.970951	-2.115445	0.034392062	0.28245649
MEAK7	-2.297898	1.086442	-2.115067	0.034424276	0.28245649
VSIR	-1.312943	0.62081	-2.114887	0.034439612	0.28245649
SUV39H2	-3.005332	1.421305	-2.114488	0.034473643	0.28245649
KSR1	-2.288819	1.082481	-2.11442	0.034479439	0.28245649
NAA80	-1.320795	0.624684	-2.114343	0.034485967	0.28245649
RBM25	-1.121416	0.530859	-2.112454	0.034647539	0.2835548
USP30	-3.891089	1.84223	-2.112163	0.034672513	NA
ZMYM6	-1.279166	0.605828	-2.111432	0.034735162	0.28384215
RMDN1	-1.404955	0.665423	-2.111372	0.034740311	0.28384215
ENSG00000257151	-2.345973	1.111322	-2.110976	0.034774364	0.28384215
ZNF827	-1.414065	0.669931	-2.110763	0.034792667	0.28384215
SLC9B2	-2.017344	0.955976	-2.110245	0.034837229	0.2839812
HERC5	-1.929931	0.915183	-2.108792	0.034962511	0.28416534
SLC2A13	-1.404182	0.665885	-2.108745	0.03496658	0.28416534
TRAK2	-1.784025	0.846124	-2.108467	0.034990649	0.28416534
ZNF440	-2.600759	1.233566	-2.108325	0.035002886	0.28416534
ENSG00000269886	-2.962546	1.405931	-2.107177	0.035102255	0.28416534
TIMM23B	-1.853796	0.879766	-2.107146	0.035104884	0.28416534
ARHGAP18	-3.206623	1.521844	-2.107065	0.035111988	0.28416534
KCTD2	-2.722274	1.292017	-2.106996	0.035117968	0.28416534
ARHGAP22	-3.282888	1.55836	-2.10663	0.035149624	0.28416534

<i>GALNT6</i>	-2.671023	1.267983	-2.106513	0.035159795	0.28416534
<i>KIAA1841</i>	-2.97514	1.412431	-2.106396	0.035169945	0.28416534
<i>INPP5E</i>	-2.252208	1.06963	-2.105596	0.035239504	0.28416534
<i>DZIP3</i>	-1.460429	0.693777	-2.105042	0.035287683	0.28416534
<i>ENSG00000237773</i>	-3.019101	1.434225	-2.10504	0.035287857	0.28416534
<i>DBF4B</i>	-2.033716	0.966183	-2.104897	0.035300307	0.28416534
<i>COG3</i>	-1.283755	0.609902	-2.104855	0.035303957	0.28416534
<i>KBTBD8</i>	-2.883484	1.370186	-2.104447	0.03533951	0.28416534
<i>PECR</i>	-1.6611	0.789446	-2.104135	0.035366703	0.28416534
<i>CASZ1</i>	-2.315979	1.100805	-2.103896	0.035387548	0.28416534
<i>LRP2BP</i>	-2.475845	1.176938	-2.103632	0.035410525	0.28416534
<i>ZNF879</i>	-1.565388	0.744934	-2.101378	0.035607783	0.28552628
<i>METTL1</i>	-2.758884	1.313104	-2.10104	0.035637437	0.28554219
<i>CDC42EP3</i>	-1.405964	0.669338	-2.100529	0.035682376	0.28568047
<i>ENSG00000273080</i>	-3.354857	1.597591	-2.099947	0.035733489	NA
<i>GEMIN4</i>	-2.193471	1.044655	-2.099709	0.035754421	0.28603537
<i>CYB5RL</i>	-3.219008	1.533693	-2.098861	0.035829152	0.28637307
<i>LIPT1</i>	-1.314786	0.626506	-2.0986	0.035852133	0.28637307
<i>ENSG00000231025</i>	-2.388297	1.138459	-2.097834	0.035919851	0.28658821
<i>MANEA</i>	-2.722434	1.297961	-2.09747	0.035951975	0.28658821
<i>GSDME</i>	-1.932204	0.921447	-2.096923	0.036000408	0.28658821
<i>PANX1</i>	-3.825042	1.825147	-2.095745	0.036104853	NA
<i>ZNF749</i>	-3.417112	1.630683	-2.09551	0.036125714	0.28658821
<i>ARMCX2</i>	-1.673141	0.798495	-2.095369	0.036138236	0.28658821
<i>TAF5</i>	-2.063949	0.985028	-2.09532	0.036142525	0.28658821
<i>MMUT</i>	-2.381482	1.136685	-2.095112	0.036161054	0.28658821
<i>ENSG00000271789</i>	-2.202368	1.051368	-2.094764	0.036192018	0.28658821
<i>ZNF599</i>	-2.642397	1.261463	-2.094707	0.036197016	0.28658821
<i>LAMB1</i>	-2.115379	1.009935	-2.094569	0.036209354	0.28658821
<i>PLTP</i>	-2.906522	1.388571	-2.093175	0.036333576	0.28658821
<i>ADORA2A.AS1</i>	-1.593533	0.761328	-2.093097	0.036340498	0.28658821
<i>RRP1B</i>	-1.410395	0.673869	-2.092981	0.03635086	0.28658821
<i>CALHM2</i>	-1.771256	0.84637	-2.092767	0.03636995	0.28658821
<i>FAM200A</i>	-1.644075	0.785826	-2.092162	0.036424069	0.28658821
<i>PCNA</i>	-1.492774	0.71353	-2.092095	0.036429984	0.28658821
<i>YEATS2</i>	-2.382427	1.138842	-2.091973	0.036440924	0.28658821
<i>ENSG00000270562</i>	-1.865959	0.892489	-2.090737	NA	NA
<i>SYCE1L</i>	-1.601403	0.765982	-2.090653	0.036559185	0.28658821
<i>AP1AR</i>	-1.480424	0.708118	-2.090647	0.036559737	0.28658821
<i>ARMCX4</i>	-2.530733	1.210539	-2.090584	0.0365654	0.28658821
<i>GBF1</i>	-2.142781	1.025191	-2.090128	0.03660627	0.28658821
<i>GRAP2</i>	-1.813254	0.867628	-2.089898	NA	NA
<i>GMIP</i>	-1.111247	0.53184	-2.08944	0.036668158	0.28658821
<i>LINC02656</i>	-2.82312	1.35131	-2.089173	0.036692158	0.28658821
<i>WDR66</i>	-2.302275	1.102075	-2.089037	0.036704437	0.28658821
<i>APTR</i>	-2.355959	1.127847	-2.088899	0.036716802	0.28658821
<i>ACAD9</i>	-1.85274	0.886951	-2.088886	0.036717994	0.28658821

AP5B1	-2.179607	1.043522	-2.088702	0.03673454	0.28658821
PACS2	-2.825343	1.35295	-2.088283	0.036772283	0.28658821
MIB1	-1.530265	0.732794	-2.08826	0.036774369	0.28658821
ACSM1	-2.961548	1.418254	-2.088164	0.036783	0.28658821
VAV3.AS1	-2.410185	1.154593	-2.087476	0.036845171	0.28658821
CCNG2	-1.297397	0.621529	-2.08743	0.036849309	0.28658821
LPCAT4	-1.401284	0.67133	-2.087325	0.036858773	0.28658821
SEC31B	-2.028511	0.971889	-2.087184	0.036871537	0.28658821
ALG9	-2.079611	0.996426	-2.087071	0.036881736	0.28658821
AUTS2	-2.258063	1.082053	-2.086833	0.036903243	0.28658821
SURF2	-1.274405	0.610711	-2.086756	0.036910224	0.28658821
ENSG00000205664	-2.025232	0.970641	-2.086489	0.036934333	0.28658821
ITGAV	-3.90844	1.873528	-2.086139	0.036966058	NA
HIST1H2BK	-2.176652	1.043516	-2.085883	0.036989234	0.28679857
ENSG00000275764	-1.887468	0.905229	-2.085072	0.037062771	0.287153
ENSG00000271380	-3.104498	1.489654	-2.08404	0.037156548	0.2876636
HECTD4	-1.432117	0.687642	-2.082648	0.037283339	0.28807502
RP2	-1.477783	0.709578	-2.082621	0.037285754	0.28807502
ENSG00000273156	-1.575845	0.756695	-2.082537	0.037293433	0.28807502
TMEM184B	-2.131184	1.023545	-2.08216	0.037327883	0.28812547
EVA1B	-2.490347	1.196827	-2.08079	0.037453097	0.2888759
NSDHL	-1.633383	0.78523	-2.080133	0.03751332	0.28891121
ANKRD36	-1.286668	0.618704	-2.079618	0.037560543	0.28891121
ENSG00000249141	-3.743599	1.800146	-2.079608	0.037561499	0.28891121
SNAPC1	-1.304518	0.627317	-2.079519	0.037569656	0.28891121
SHROOM1	-3.701237	1.780385	-2.078897	0.037626779	NA
TEDC1	-2.702136	1.300073	-2.07845	0.037667942	0.28945135
SLC25A16	-2.166005	1.042499	-2.077704	0.037736611	0.28976326
SECISBP2L	-1.097146	0.528286	-2.076803	0.037819789	0.28991802
ENSG00000273759	-3.259214	1.569743	-2.076272	0.037868758	0.28991802
ARL5B	-1.533169	0.738543	-2.075937	0.03789974	0.28991802
CHD3	-1.334779	0.643031	-2.075761	0.037916017	0.28991802
SOCS7	-2.219978	1.06954	-2.075637	0.037927557	0.28991802
ITGA6.AS1	-1.606196	0.773944	-2.075338	0.037955225	0.28991802
ZNF844	-1.35501	0.653044	-2.074913	0.037994618	0.28991802
ENSG00000262049	-1.275486	0.614762	-2.074765	0.038008361	0.28991802
ZNF717	-1.563199	0.753704	-2.074022	NA	NA
STK33	-2.013881	0.971014	-2.073997	0.038079554	0.28991802
ENSG00000272764	-2.086219	1.005945	-2.07389	0.038089551	0.28991802
NRSN2.AS1	-2.630958	1.268725	-2.073703	0.038106919	0.28991802
RPL18A	0.154175	0.074369	2.073098	0.038163134	0.28991802
STK36	-2.819617	1.360239	-2.072884	0.038183093	0.28991802
TRAPPC12.AS1	-2.039723	0.984265	-2.072332	0.038234493	0.28991802
CRAT	-1.868533	0.901669	-2.072304	0.038237071	0.28991802
MFSD3	-2.01901	0.974346	-2.072171	0.03824954	0.28991802
TBC1D9B	-1.250736	0.603816	-2.071384	0.038322927	0.28991802
FAM76A	-1.211797	0.585026	-2.071355	0.038325627	0.28991802

<i>POGLUT3</i>	-3.524144	1.701469	-2.071236	0.038336708	NA
<i>LAT</i>	-2.530352	1.221948	-2.070753	0.038381918	0.28991802
<i>VSTM4</i>	-2.489895	1.202676	-2.070295	0.038424719	0.28991802
<i>ZNF787</i>	-1.747471	0.844308	-2.069709	0.038479568	0.28991802
<i>DIABLO</i>	-2.490364	1.203323	-2.069573	0.038492364	0.28991802
<i>VPS54</i>	-2.313261	1.117842	-2.069398	0.038508747	0.28991802
<i>CUL7</i>	-2.975183	1.437916	-2.069093	0.038537314	0.28991802
<i>ENSG00000266844</i>	-3.390136	1.638581	-2.068946	0.038551153	NA
<i>LINC00893</i>	-1.994994	0.964426	-2.068581	0.038585416	0.28991802
<i>IFI44</i>	-2.979831	1.440596	-2.068471	0.038595771	0.28991802
<i>C3orf18</i>	-3.782926	1.828906	-2.068409	0.038601537	NA
<i>RBL1</i>	-1.606741	0.776916	-2.068102	0.038630443	0.28991802
<i>HMGNA4</i>	-1.633237	0.789855	-2.067769	0.038661772	0.28991802
<i>CPPED1</i>	-1.841091	0.890432	-2.067638	0.038674046	0.28991802
<i>ENSG00000167912</i>	-6.197237	2.997612	-2.067391	NA	NA
<i>URB1</i>	-2.561106	1.239054	-2.066986	0.038735499	0.28991802
<i>KEAP1</i>	-1.947081	0.942389	-2.066113	0.038817838	0.28991802
<i>PIP5K1C</i>	-1.589616	0.769686	-2.06528	0.038896556	0.28991802
<i>ARSG</i>	-2.419456	1.171754	-2.064816	0.038940451	0.28991802
<i>RBM27</i>	-1.285049	0.622467	-2.064443	0.038975751	0.28991802
<i>NEXN</i>	-3.747824	1.8157	-2.06412	0.039006299	0.28991802
<i>ITPKB.AS1</i>	-1.885655	0.913568	-2.064055	0.039012536	0.28991802
<i>WRN</i>	-1.98827	0.963354	-2.063904	0.039026863	0.28991802
<i>ENSG00000261187</i>	-5.12956	2.485391	-2.063884	0.039028683	0.28991802
<i>TSHZ1</i>	-3.307164	1.602485	-2.063772	0.039039311	NA
<i>SYCP3</i>	-1.529138	0.741001	-2.06361	0.039054668	0.28991802
<i>ENSG00000249592</i>	-1.943846	0.941988	-2.063556	0.03905987	0.28991802
<i>MS4A1</i>	-0.436323	0.211475	-2.063235	0.039090312	0.28991802
<i>ZNF485</i>	-2.198328	1.065481	-2.063226	0.039091201	0.28991802
<i>LDAH</i>	-1.490725	0.722582	-2.063051	0.039107749	0.28991802
<i>RPS6KB1</i>	-1.194016	0.578864	-2.062687	0.03914235	0.28991802
<i>XPO4</i>	-1.271956	0.616756	-2.062332	0.039176146	0.28991802
<i>ACSL4</i>	-1.612931	0.782264	-2.061876	0.039219584	0.28991802
<i>ZNF700</i>	-1.806351	0.876299	-2.061342	0.039270427	0.28991802
<i>ENSG00000275441</i>	-1.713604	0.831477	-2.060917	0.039310946	0.28991802
<i>SLC28A2</i>	-3.280279	1.59197	-2.060516	0.039349255	0.28991802
<i>MIOS</i>	-1.208637	0.586709	-2.060028	0.039395881	0.28991802
<i>ZNF117</i>	-2.635685	1.279472	-2.059979	0.039400533	0.28991802
<i>BBS4</i>	-1.345742	0.65333	-2.05982	0.039415772	0.28991802
<i>CASK</i>	-2.718444	1.319814	-2.059717	0.039425558	0.28991802
<i>PFAS</i>	-2.450695	1.189893	-2.059593	0.039437454	0.28991802
<i>ZNF202</i>	-1.938747	0.9415	-2.05921	0.039474082	0.28991802
<i>HIST1H2AE</i>	-2.949254	1.432537	-2.058763	0.039516962	0.28991802
<i>TMEM220.AS1</i>	-2.704424	1.313857	-2.058384	0.039553244	0.28991802
<i>LNX1</i>	-2.273956	1.104734	-2.058374	0.039554259	0.28991802
<i>CMTR1</i>	-1.371876	0.666726	-2.057629	0.03962572	0.28991802
<i>CLEC16A</i>	-1.853821	0.901132	-2.057213	0.039665729	0.28991802

<i>ENSG00000258376</i>	-3.259684	1.584595	-2.057109	0.039675767	0.28991802
<i>BRCA2</i>	-1.448533	0.704238	-2.056881	0.039697683	0.28991802
<i>PRR22</i>	-2.878235	1.399503	-2.056612	0.039723533	0.28991802
<i>FAM110A</i>	-1.247702	0.606757	-2.056344	0.039749374	0.28991802
<i>LMNB2</i>	-3.205213	1.558718	-2.056314	0.039752266	0.28991802
<i>CPT2</i>	-1.340737	0.652228	-2.055625	0.039818664	0.28991802
<i>XPNPEP1</i>	-1.347479	0.655556	-2.055474	0.039833268	0.28991802
<i>NBEAL2</i>	-2.50071	1.216687	-2.055344	0.039845827	0.28991802
<i>FBXO33</i>	-1.230538	0.598806	-2.054987	0.039880254	0.28991802
<i>NAGA</i>	-2.673746	1.301456	-2.054427	0.039934418	0.28991802
<i>ERCC4</i>	-1.455863	0.708739	-2.054161	0.039960106	0.28991802
<i>ZNF816</i>	-1.42362	0.693099	-2.053992	0.039976476	0.28991802
<i>ENSG00000259520</i>	-5.200321	2.532083	-2.053772	NA	NA
<i>ADHFE1</i>	-2.621527	1.276527	-2.053639	0.040010635	0.28991802
<i>C8orf58</i>	-1.681655	0.81887	-2.053627	0.040011761	0.28991802
<i>PDP1</i>	-1.586428	0.7726	-2.053363	0.040037345	0.28991802
<i>WDR82</i>	-1.149837	0.55998	-2.053351	0.040038527	0.28991802
<i>ENSG00000267787</i>	-2.436066	1.186815	-2.052609	0.040110501	0.28991802
<i>NEIL2</i>	-1.716965	0.836591	-2.052336	0.040137049	0.28991802
<i>MAU2</i>	-1.23722	0.602935	-2.051994	0.040170289	0.28991802
<i>ZNF609</i>	-1.519703	0.740616	-2.051946	0.040174917	0.28991802
<i>FLYWCH1</i>	-1.31781	0.642256	-2.051844	0.04018486	0.28991802
<i>ATPCKMT</i>	-2.753117	1.34204	-2.051441	0.040223979	0.28991802
<i>SLC1A4</i>	-3.106136	1.514179	-2.051367	0.040231254	0.28991802
<i>CREG1</i>	-2.904673	1.415981	-2.05135	0.040232851	0.28991802
<i>IQCG</i>	-1.554443	0.757793	-2.051276	0.040240058	0.28991802
<i>KIAA0391</i>	-3.794815	1.850004	-2.051247	0.040242905	NA
<i>NPC1</i>	-1.454611	0.709184	-2.051105	0.040256744	0.28991802
<i>ZNF543</i>	-1.857633	0.905692	-2.051064	0.040260742	0.28991802
<i>WHRN</i>	-3.125076	1.523737	-2.050929	0.040273876	0.28991802
<i>MTOR</i>	-2.493808	1.215977	-2.050868	0.040279799	0.28991802
<i>BRD3OS</i>	-1.249926	0.609657	-2.050214	0.040343593	0.28991802
<i>KDM8</i>	-2.864574	1.397267	-2.050127	0.040352076	0.28991802
<i>ENSG00000124593</i>	-2.655873	1.29547	-2.050123	0.040352405	0.28991802
<i>ELK1</i>	-1.172311	0.571873	-2.049949	0.040369399	0.28991802
<i>CSTF3.DT</i>	-3.704703	1.807501	-2.049627	0.040400813	NA
<i>ACOX3</i>	-1.875283	0.91534	-2.04873	0.040488539	0.29019907
<i>RRM1</i>	-1.380433	0.673813	-2.048688	0.040492644	0.29019907
<i>TTL</i>	-1.576569	0.769667	-2.048379	0.040522877	0.29019907
<i>ZNF254</i>	-1.229011	0.600039	-2.048218	0.040538672	0.29019907
<i>NEMP2</i>	-1.962051	0.958059	-2.047943	0.040565582	0.29019907
<i>PCGF6</i>	-1.276388	0.623373	-2.047551	0.040603974	0.29019907
<i>NPHP3</i>	-1.281532	0.625953	-2.047329	0.040625805	0.29019907
<i>ZNF287</i>	-1.633051	0.79768	-2.047251	0.040633494	0.29019907
<i>PLBD2</i>	-3.244654	1.584972	-2.047136	0.04064469	NA
<i>ZYX</i>	-1.35746	0.663637	-2.045486	0.040806962	0.29035871
<i>EPG5</i>	-1.297722	0.634656	-2.044766	0.040877904	0.29035871



<i>ENSG00000277283</i>	-1.943193	0.950378	-2.044652	0.040889149	0.29035871
<i>GINS2</i>	-2.362231	1.155434	-2.044453	0.04090879	0.29035871
<i>KIAA1143</i>	-1.088387	0.532399	-2.044305	0.040923386	0.29035871
<i>IGHMBP2</i>	-1.677002	0.820372	-2.044197	0.040934105	0.29035871
<i>ENSG00000228427</i>	-1.935039	0.946601	-2.044196	0.040934145	0.29035871
<i>UBLCP1</i>	-1.374661	0.672482	-2.044162	0.040937573	0.29035871
<i>MYO9A</i>	-1.301067	0.636605	-2.043759	0.040977331	0.29035871
<i>B3GNT2</i>	-1.277757	0.625203	-2.043749	0.04097833	0.29035871
<i>MAPK14</i>	-1.330257	0.65092	-2.043658	0.040987333	0.29035871
<i>LRRC34</i>	-2.899366	1.418895	-2.043397	0.04101314	0.29035871
<i>NFYC.AS1</i>	-2.026785	0.992062	-2.043002	0.041052255	0.29035871
<i>ZNF718</i>	-2.389407	1.169558	-2.042999	0.041052515	0.29035871
<i>TONSL</i>	-2.377811	1.164029	-2.042743	0.04107788	0.29035871
<i>ZNF623</i>	-1.563911	0.766038	-2.041557	0.041195466	0.29087564
<i>KRBA1</i>	-2.376085	1.163928	-2.041437	0.041207383	0.29087564
<i>RPP14</i>	-1.268741	0.621809	-2.040404	0.041310142	0.29133865
<i>ENSG00000273456</i>	-3.553166	1.74163	-2.040139	0.041336496	NA
<i>RND1</i>	-2.426378	1.189452	-2.039913	0.041359036	0.29133865
<i>ADAM12</i>	-3.331066	1.633396	-2.03935	0.041415122	NA
<i>MEGF6</i>	-1.886625	0.925221	-2.039107	0.041439386	0.29133865
<i>IGLV6.57</i>	-2.979745	1.461645	-2.038625	0.041487469	0.29133865
<i>ERMARD</i>	-2.130004	1.044825	-2.038622	0.041487735	0.29133865
<i>WWP2</i>	-1.258519	0.617475	-2.03817	0.041532975	0.29133865
<i>ENSG00000273270</i>	-2.138425	1.049332	-2.037893	0.041560678	0.29133865
<i>RPE</i>	-1.346356	0.660746	-2.037628	0.0415871	0.29133865
<i>B3GNT7</i>	-2.228386	1.093638	-2.03759	0.041590982	0.29133865
<i>ASB7</i>	-1.705413	0.837029	-2.037459	0.041604051	0.29133865
<i>SLC35G2</i>	-2.491639	1.222948	-2.037403	0.041609663	0.29133865
<i>HMBS</i>	-1.604177	0.787453	-2.037173	0.041632756	0.29133865
<i>RALGDS</i>	-1.38809	0.681405	-2.0371	0.041639972	0.29133865
<i>NBAS</i>	-1.809157	0.888341	-2.036556	0.041694549	0.29134263
<i>INTS2</i>	-2.362106	1.159948	-2.036389	0.041711315	0.29134263
<i>ZMYND19</i>	-3.417364	1.67825	-2.036267	0.041723601	NA
<i>NPIPBA</i>	-2.84102	1.395435	-2.035938	0.041756557	0.29134263
<i>MINPP1</i>	-1.610451	0.791107	-2.035693	0.041781212	0.29134263
<i>FARP2</i>	-1.239332	0.608906	-2.035342	0.041816523	0.29134263
<i>ZFP30</i>	-1.865538	0.916662	-2.035143	0.04183649	0.29134263
<i>C22orf46</i>	-1.524151	0.749103	-2.034636	0.041887483	0.29134263
<i>MAP1LC3A</i>	-1.71318	0.842023	-2.0346	0.041891186	0.29134263
<i>ROR1</i>	-1.879798	0.923931	-2.034565	0.041894619	0.29134263
<i>KLHDC4</i>	-1.189946	0.585081	-2.033815	0.041970228	0.29167189
<i>PABPC3</i>	-1.862856	0.915963	-2.033767	NA	NA
<i>ZP3</i>	-2.311222	1.13665	-2.033363	0.042015864	0.29179254
<i>ACADS</i>	-2.357753	1.159705	-2.033063	0.04204612	0.2918063
<i>SEPSECS.AS1</i>	-2.090767	1.028619	-2.032596	0.042093326	0.29193759
<i>HCFC1R1</i>	-1.055373	0.51931	-2.032262	0.042127187	0.29197621
<i>CNNM2</i>	-2.170912	1.06894	-2.030902	0.042264972	0.29271842

<i>C2orf15</i>	-2.686734	1.323223	-2.030446	0.042311185	0.29271842
<i>IMMP2L</i>	-1.625967	0.801078	-2.029724	0.042384621	0.29271842
<i>ENSG00000203325</i>	-2.662513	1.311884	-2.029535	0.04240384	0.29271842
<i>ARNTL</i>	-2.308282	1.137467	-2.029318	0.042425871	0.29271842
<i>ENSG00000228835</i>	-1.593909	0.785555	-2.029021	0.042456119	0.29271842
<i>ARHGAP32</i>	-2.669827	1.316669	-2.027714	0.042589426	0.29271842
<i>FAM193B</i>	-1.445692	0.712998	-2.027624	0.042598624	0.29271842
<i>MKS1</i>	-3.416607	1.68513	-2.027504	0.042610939	NA
<i>DIPK1B</i>	-2.282881	1.126135	-2.027183	0.042643721	0.29271842
<i>MFN2</i>	-1.666436	0.822053	-2.027165	0.042645591	0.29271842
<i>PIK3CB</i>	-2.269789	1.119711	-2.027121	0.042650016	0.29271842
<i>CASP9</i>	-2.033561	1.003244	-2.026985	0.04266399	0.29271842
<i>RAB12</i>	-2.758517	1.360955	-2.026898	0.042672801	0.29271842
<i>TTBK2</i>	-1.234591	0.609207	-2.026554	0.042708058	0.29271842
<i>C20orf194</i>	-1.928743	0.951764	-2.026493	0.042714307	0.29271842
<i>PGM3</i>	-1.267194	0.625332	-2.026433	0.042720461	0.29271842
<i>CPSF4</i>	-1.189374	0.586978	-2.026267	0.042737477	0.29271842
<i>TMEM39A</i>	-1.424882	0.703253	-2.026131	0.042751381	0.29271842
<i>TEF</i>	-2.573064	1.270073	-2.025918	0.042773195	0.29271842
<i>TMEM38A</i>	-1.860599	0.918888	-2.024838	0.04288405	0.29328257
<i>ACP2</i>	-2.412726	1.191941	-2.0242	0.042949625	0.2933847
<i>LYSMD3</i>	-1.620099	0.800379	-2.024164	NA	NA
<i>C1RL</i>	-2.287603	1.130296	-2.023898	0.042980654	0.2933847
<i>DDIT4</i>	1.274923	0.630091	2.023394	0.043032556	0.2933847
<i>GPR157</i>	-2.836623	1.402167	-2.023027	0.043070379	0.2933847
<i>MSRB2</i>	-2.050391	1.013777	-2.022525	0.043122102	0.2933847
<i>NREP</i>	-1.29653	0.641145	-2.022211	0.043154535	0.2933847
<i>ASPH</i>	-3.123278	1.544562	-2.022112	0.043164806	0.2933847
<i>AKAP5</i>	-2.346152	1.160524	-2.021632	0.04321436	0.2933847
<i>CIP2A</i>	-1.741551	0.861464	-2.021618	0.043215791	0.2933847
<i>HIP1</i>	-1.738912	0.860205	-2.021509	0.043227145	0.2933847
<i>INPP5F</i>	-2.284918	1.130472	-2.021207	0.043258358	0.2933847
<i>MAP3K20</i>	-1.51476	0.749524	-2.020963	0.043283585	0.2933847
<i>GGT7</i>	-2.569151	1.271702	-2.020246	0.043357853	0.2933847
<i>SLC16A13</i>	-1.451539	0.71852	-2.020178	0.043364915	0.2933847
<i>PANK4</i>	-1.829412	0.905578	-2.020159	0.043366854	0.2933847
<i>AP3S2</i>	-1.661583	0.822514	-2.020128	0.043370113	0.2933847
<i>PGGHG</i>	-1.13419	0.561485	-2.019983	0.043385143	0.2933847
<i>GRK5</i>	-1.241947	0.615108	-2.019071	0.043479806	0.2933847
<i>AUH</i>	-1.255072	0.621655	-2.018921	0.043495395	0.2933847
<i>MTM1</i>	-1.629766	0.807278	-2.018841	0.043503756	0.2933847
<i>USP40</i>	-2.372032	1.175364	-2.018125	0.04357824	0.2933847
<i>VTA1</i>	-1.25579	0.62231	-2.017948	0.043596678	0.2933847
<i>SLC38A6</i>	-2.680845	1.328598	-2.0178	0.043612089	0.2933847
<i>SPINT1</i>	-2.588621	1.283107	-2.017463	0.043647177	0.2933847
<i>ZSCAN9</i>	-1.460657	0.724013	-2.017446	0.043648947	0.2933847
<i>ZFYVE21</i>	-1.186397	0.588077	-2.017417	0.043652058	0.2933847

<i>BCOR</i>	-1.219746	0.60465	-2.017278	0.04366656	0.2933847
<i>PON2</i>	-3.35896	1.665331	-2.016992	0.0436963	0.2933935
<i>KBTBD4</i>	-1.203012	0.596623	-2.016368	0.043761461	0.29360618
<i>RANBP10</i>	-1.480274	0.73421	-2.016144	0.043784875	0.29360618
<i>NINJ1</i>	-1.979283	0.982303	-2.014942	0.043910726	0.29425889
<i>GDPD3</i>	-3.239654	1.608328	-2.0143	0.04397805	NA
<i>ENSG00000258572</i>	-3.380427	1.679289	-2.013011	0.044113503	NA
<i>AGER</i>	-1.656427	0.822881	-2.01296	0.044118885	0.29485671
<i>ENSG00000277959</i>	-2.631599	1.307454	-2.012766	0.044139232	0.29485671
<i>DBR1</i>	-1.732625	0.861096	-2.012115	0.044207861	0.29485671
<i>MED26</i>	-1.512151	0.751561	-2.012014	0.044218472	0.29485671
<i>THAP7.AS1</i>	-1.637574	0.813977	-2.011819	0.044239066	0.29485671
<i>IFT74</i>	-1.390212	0.691027	-2.011806	0.044240361	0.29485671
<i>SLC1A5</i>	-2.582367	1.283611	-2.011799	0.044241174	0.29485671
<i>UBXN2B</i>	-1.5019	0.746549	-2.011791	0.044241971	0.29485671
<i>EEF1AKNMT</i>	-1.269679	0.631239	-2.011409	0.044282297	0.29485671
<i>SLC15A2</i>	-2.119299	1.053656	-2.011377	0.044285649	0.29485671
<i>BCO2</i>	-2.482749	1.234735	-2.010754	0.044351448	0.29493494
<i>LYSMD1</i>	-3.219276	1.601052	-2.010725	0.044354558	0.29493494
<i>FBXL22</i>	-2.167295	1.078205	-2.010096	0.044420978	0.29501811
<i>CASP1</i>	-1.209252	0.601612	-2.01002	0.044429069	0.29501811
<i>OR2A1.AS1</i>	-2.223365	1.106306	-2.00972	0.044460807	0.29501811
<i>WNT2B</i>	-2.253869	1.121735	-2.009271	0.044508384	0.29501811
<i>IFT81</i>	-2.518368	1.253384	-2.009256	0.044509999	0.29501811
<i>TPCN2</i>	-2.389267	1.189861	-2.008022	0.044640933	0.29534326
<i>FMO5</i>	-2.439071	1.214921	-2.007596	0.044686261	0.29534326
<i>SETD1B</i>	-1.37084	0.68285	-2.007527	0.044693569	0.29534326
<i>VPS39</i>	-2.629211	1.309796	-2.007343	0.044713131	0.29534326
<i>IGF1R</i>	-2.483717	1.237447	-2.00713	0.044735797	0.29534326
<i>ENSG00000167807</i>	-2.971341	1.480519	-2.00696	0.044753955	0.29534326
<i>ENSG00000256448</i>	-3.035725	1.512637	-2.006909	0.044759385	0.29534326
<i>GPAM</i>	-2.586904	1.289338	-2.006382	0.044815535	0.29539158
<i>MIR762HG</i>	-1.960423	0.977132	-2.006303	0.044823954	0.29539158
<i>CCDC102B</i>	-2.458514	1.225954	-2.005387	0.04492165	0.29553707
<i>VTI1A</i>	-1.129692	0.563493	-2.0048	0.044984405	0.29553707
<i>MX1</i>	-1.404616	0.700685	-2.004634	0.045002187	0.29553707
<i>SNX25</i>	-1.344006	0.670475	-2.004559	0.045010167	0.29553707
<i>BEND7</i>	-1.566922	0.781808	-2.004228	0.045045692	0.29553707
<i>TP53BP2</i>	-1.688315	0.84254	-2.00384	0.04508721	0.29553707
<i>ROM1</i>	-3.088515	1.541617	-2.003425	0.045131712	0.29553707
<i>CCDC157</i>	-2.562511	1.279336	-2.003001	0.045177225	0.29553707
<i>ENSG00000273723</i>	-1.589411	0.793682	-2.002578	0.045222589	0.29553707
<i>DPH6</i>	-2.745269	1.370991	-2.002398	0.045241953	0.29553707
<i>SENP3</i>	-1.385301	0.691926	-2.002094	0.045274607	0.29553707
<i>ALG10B</i>	-2.494353	1.245925	-2.002009	0.04528374	0.29553707
<i>NHLRC2</i>	-1.246961	0.622893	-2.001885	0.04529713	0.29553707
<i>DNASE1L1</i>	-1.642964	0.820718	-2.001862	0.045299618	0.29553707

<i>AXIN1</i>	-1.574093	0.786329	-2.001826	0.045303472	0.29553707
<i>KLK4</i>	-3.269269	1.633471	-2.001425	0.045346606	0.29553707
<i>B3GLCT</i>	-1.99768	0.998143	-2.001397	0.045349674	0.29553707
<i>ERI1</i>	-1.376624	0.687897	-2.001207	0.045370094	0.29553707
<i>TTN.AS1</i>	-1.616487	0.807923	-2.000793	0.045414689	0.29553707
<i>JAM3</i>	-1.945976	0.97286	-2.000263	0.045471875	0.29553707
<i>ENSG00000278238</i>	-2.579802	1.289825	-2.000118	0.04548755	0.29553707
<i>CRYBG1</i>	-1.263326	0.631642	-2.000066	0.045493095	0.29553707
<i>C5orf34</i>	-2.45206	1.226897	-1.998587	0.045653059	0.29553707
<i>PSD3</i>	-1.612943	0.807062	-1.998536	0.045658594	0.29553707
<i>FLYWCH2</i>	-1.119727	0.560323	-1.998361	0.045677532	0.29553707
<i>RXRA</i>	-2.836599	1.419499	-1.998311	0.045682995	0.29553707
<i>SIGMAR1</i>	-1.46666	0.734072	-1.99798	0.045718829	0.29553707
<i>ANKRD37</i>	-2.122283	1.062505	-1.997434	0.04577806	0.29553707
<i>ENSG00000280433</i>	-3.013307	1.508632	-1.997377	0.045784273	0.29553707
<i>DCAF4</i>	-1.663835	0.833065	-1.997244	NA	NA
<i>ZNF8</i>	-2.509938	1.256751	-1.997164	0.045807334	0.29553707
<i>CYP2U1</i>	-1.743108	0.872924	-1.996863	0.045840115	0.29553707
<i>ZNF837</i>	-2.283674	1.143785	-1.996593	0.045869448	0.29553707
<i>ENSG00000256591</i>	-3.191188	1.59844	-1.996439	0.045886189	NA
<i>KLHL21</i>	-2.099898	1.051868	-1.996351	0.0458957	0.29553707
<i>FANCD2</i>	-1.369955	0.686276	-1.996216	0.0459104	0.29553707
<i>TMEM87B</i>	-1.635191	0.819151	-1.996202	0.045911895	0.29553707
<i>SRR</i>	-3.497003	1.751929	-1.996087	0.045924406	NA
<i>ENSG00000266340</i>	-2.604756	1.305085	-1.995852	0.045950049	0.29553707
<i>PMS2</i>	-1.207678	0.605101	-1.99583	0.045952471	0.29553707
<i>RANBP9</i>	-1.321454	0.662146	-1.995716	0.045964893	0.29553707
<i>TESK1</i>	-1.867006	0.935689	-1.995328	0.04600715	0.29553707
<i>UBR7</i>	-1.329842	0.666511	-1.99523	0.04601777	0.29553707
<i>CHUK</i>	-2.103473	1.054344	-1.995054	0.046037044	0.29553707
<i>DISP1</i>	-2.023605	1.014366	-1.994946	0.0460488	0.29553707
<i>ENSG00000272990</i>	-2.567262	1.288008	-1.993204	0.046239143	0.29602119
<i>ZNF219</i>	-3.752319	1.883127	-1.9926	0.04630523	NA
<i>EDRF1</i>	-1.194914	0.599743	-1.992376	0.046329866	0.29602119
<i>NCEH1</i>	-2.966327	1.488849	-1.992363	0.046331253	0.29602119
<i>PSMG1</i>	-1.360691	0.682958	-1.992349	0.046332797	0.29602119
<i>TBX6</i>	-2.251112	1.129986	-1.99216	0.046353518	0.29602119
<i>AGAP5</i>	-3.285068	1.649034	-1.992117	0.046358244	NA
<i>ACSF2</i>	-1.449976	0.727875	-1.992067	0.046363652	0.29602119
<i>ECI1</i>	-1.377265	0.691469	-1.991795	0.04639354	0.29602119
<i>C2CD3</i>	-1.65586	0.831496	-1.991423	0.046434364	0.29602119
<i>LMBR1</i>	-1.918143	0.963296	-1.991229	0.046455689	0.29602119
<i>POLI</i>	-2.463948	1.237403	-1.991224	0.046456215	0.29602119
<i>LINC00562</i>	-2.329664	1.170088	-1.991015	0.046479237	0.29602119
<i>CCDC88A</i>	-2.193289	1.10166	-1.990895	0.046492445	0.29602119
<i>ENSG00000242282</i>	-2.712111	1.362286	-1.990852	0.046497127	0.29602119
<i>ENSG00000253891</i>	-3.255295	1.635636	-1.990232	0.046565405	NA

<i>CAMK2G</i>	-1.099166	0.552297	-1.990173	0.046571926	0.2963146
<i>TMTC3</i>	-2.188072	1.099838	-1.989449	0.046651686	0.29663919
<i>PIIP5K1</i>	-3.261628	1.639794	-1.989048	0.04669594	NA
<i>TIGD6</i>	-3.773193	1.897014	-1.989017	0.0466993	NA
<i>KLHDC1</i>	-2.622193	1.318473	-1.988811	0.046722082	0.29690387
<i>SPIN4</i>	-3.402602	1.711075	-1.988576	0.046748024	NA
<i>PSPN</i>	-2.763661	1.390079	-1.988132	0.046797043	0.2970904
<i>SLCO4A1</i>	-1.577432	0.793602	-1.987686	0.046846415	0.2970904
<i>ESRRA</i>	-1.535545	0.772569	-1.987582	0.046857955	0.2970904
<i>ENSG00000250073</i>	-3.023829	1.521421	-1.987504	0.046866586	0.2970904
<i>HEATR6</i>	-1.55464	0.782324	-1.987207	0.046899482	0.29711642
<i>ENSG00000237310</i>	-2.044942	1.029211	-1.986902	0.046933249	0.29714793
<i>TBC1D19</i>	-2.342134	1.179285	-1.986064	0.047026267	0.29714982
<i>ARHGEF19</i>	-1.582342	0.796778	-1.985926	0.047041513	0.29714982
<i>RABL3</i>	-1.80312	0.907981	-1.985856	0.047049282	0.29714982
<i>FHL3</i>	-2.64703	1.332969	-1.985815	0.047053837	0.29714982
<i>DTX3</i>	-2.463229	1.240682	-1.985383	0.047101848	0.29714982
<i>CATSPER2</i>	-1.447292	0.729073	-1.985114	0.047131784	0.29714982
<i>PPP2CB</i>	-2.2307	1.123731	-1.985084	0.047135102	0.29714982
<i>ZNF850</i>	-2.951134	1.4869	-1.984757	0.047171568	0.29719816
<i>DNAJC11</i>	-1.726214	0.870115	-1.983891	NA	NA
<i>MGST2</i>	-2.509689	1.265293	-1.983484	0.047313432	0.29727795
<i>LMNTD2</i>	-3.208562	1.618013	-1.983026	0.047364518	0.29727795
<i>CCDC122</i>	-1.544881	0.779248	-1.982528	0.047420202	0.29727795
<i>ZNF184</i>	-1.74587	0.880656	-1.982464	0.047427319	0.29727795
<i>ENSG00000258472</i>	-2.630156	1.326759	-1.982391	0.047435496	0.29727795
<i>NUBPL</i>	-2.082468	1.050611	-1.982149	0.047462592	0.29727795
<i>FBXO30</i>	-1.694318	0.854966	-1.981739	0.047508491	0.29727795
<i>ENSG00000277496</i>	-1.988014	1.003198	-1.981677	0.047515425	0.29727795
<i>SEPSECS</i>	-2.157356	1.088692	-1.981603	0.047523696	0.29727795
<i>UHRF1BP1L</i>	-1.676913	0.846299	-1.981466	0.047539064	0.29727795
<i>THEMIS2</i>	-1.476122	0.744972	-1.981447	0.047541144	0.29727795
<i>ARMC7</i>	-1.431147	0.722442	-1.980984	0.047593076	0.29727795
<i>TBC1D31</i>	-2.549962	1.28725	-1.980938	0.047598264	0.29727795
<i>SLC31A2</i>	-3.567965	1.801395	-1.980668	0.047628522	NA
<i>PLCB2</i>	-1.892406	0.955559	-1.980418	0.047656623	0.29727795
<i>SLC39A13</i>	-1.594724	0.805275	-1.980346	0.047664645	0.29727795
<i>URGCP</i>	-2.266372	1.144438	-1.980336	0.047665765	0.29727795
<i>ENSG00000227388</i>	-1.646278	0.831401	-1.980125	0.047689484	0.29727795
<i>DPY19L4</i>	-2.448194	1.236457	-1.980007	0.04770274	0.29727795
<i>GPHN</i>	-2.843423	1.436364	-1.979598	0.047748723	0.29737797
<i>ENSG00000244567</i>	-3.80769	1.923579	-1.979481	0.047761842	NA
<i>ENSG00000269246</i>	-3.074838	1.553457	-1.979352	0.047776422	0.29737797
<i>BAHD1</i>	-1.786658	0.902853	-1.978903	0.047826949	0.29741172
<i>LRRC56</i>	-2.376893	1.201184	-1.978792	0.047839483	0.29741172
<i>VAR5</i>	-3.51418	1.776336	-1.978331	0.047891351	0.29755493
<i>SEC24B.AS1</i>	-3.452465	1.745881	-1.977492	0.047986096	NA

<i>CRY1</i>	-2.289243	1.15799	-1.976912	0.048051609	0.29807267
<i>ATP1B3</i>	-1.039214	0.525831	-1.976328	0.048117686	0.29807267
<i>NAMPT</i>	-1.329224	0.672593	-1.976268	0.048124393	0.29807267
<i>MAD2L1</i>	-3.539237	1.791192	-1.975912	0.04816478	0.29807267
<i>ZNF823</i>	-2.829263	1.432098	-1.975607	0.048199306	0.29807267
<i>CA5B</i>	-1.554503	0.786983	-1.975269	0.048237607	0.29807267
<i>ENSG00000260572</i>	-4.122201	2.087097	-1.975088	0.04825814	NA
<i>CDC37L1.DT</i>	-2.084225	1.055258	-1.975086	0.048258349	0.29807267
<i>ENSG00000262165</i>	-4.150487	2.101451	-1.975058	0.048261539	NA
<i>MORN1</i>	-3.06201	1.55045	-1.974917	0.048277521	0.29807267
<i>ENPP4</i>	-2.771715	1.403526	-1.974823	0.048288232	0.29807267
<i>ELL2</i>	-3.35586	1.699326	-1.974819	0.048288737	0.29807267
<i>KLF16</i>	-2.146418	1.086912	-1.974786	0.048292394	0.29807267
<i>ENSG00000271553</i>	-3.169659	1.605362	-1.97442	0.048333987	NA
<i>ENSG00000259976</i>	-1.387978	0.703041	-1.974251	0.048353264	0.29826998
<i>GATM</i>	-2.245584	1.137979	-1.97331	0.048460284	0.29848057
<i>DHX58</i>	-1.892204	0.95894	-1.973224	0.048470008	0.29848057
<i>MCCC1</i>	-1.273784	0.645546	-1.973188	0.04847417	0.29848057
<i>CORO2A</i>	-2.993728	1.517625	-1.97264	0.048536558	0.29851309
<i>TRMT44</i>	-2.196102	1.113284	-1.972634	0.048537303	0.29851309
<i>ABCB10</i>	-2.371427	1.202399	-1.972246	0.048581519	0.29860707
<i>MRRF</i>	-1.215018	0.61615	-1.97195	0.048615346	0.29863713
<i>ENSG00000240401</i>	-3.470054	1.760733	-1.970801	0.048746659	NA
<i>NCAPD3</i>	-2.26721	1.150701	-1.970287	0.048805471	0.29915374
<i>FAM120C</i>	-2.28554	1.160331	-1.969732	0.048869151	0.29915374
<i>TMEM234</i>	-1.459528	0.741017	-1.969628	0.048881029	0.29915374
<i>PRPF40B</i>	-2.471568	1.255094	-1.969228	0.048926869	0.29915374
<i>CTSC</i>	-1.192008	0.605374	-1.969044	0.048948036	0.29915374
<i>TEX2</i>	-2.615999	1.328932	-1.968497	0.049010933	0.29915374
<i>CDC37L1</i>	-1.253404	0.636735	-1.968485	0.049012244	0.29915374
<i>ZNF620</i>	-2.464361	1.252067	-1.968234	0.049041167	0.29915374
<i>ZNF284</i>	-2.656641	1.349767	-1.968222	0.049042495	0.29915374
<i>MATN1.AS1</i>	-2.675799	1.359921	-1.967614	0.049112494	0.29915374
<i>SLC37A2</i>	-1.785035	0.907257	-1.967508	0.049124697	0.29915374
<i>FCHSD1</i>	-1.732031	0.880424	-1.96727	0.049152048	0.29915374
<i>TAGLN</i>	-1.937697	0.985093	-1.96702	0.049180901	0.29915374
<i>SAC3D1</i>	-2.949279	1.499468	-1.966884	0.049196563	0.29915374
<i>CMTM3</i>	-1.50295	0.764346	-1.966322	0.049261378	0.29915374
<i>IGHE</i>	-2.136293	1.086851	-1.96558	0.049347096	0.29915374
<i>NUP214</i>	-1.160458	0.590429	-1.965447	0.049362503	0.29915374
<i>SEC61A1</i>	-1.165111	0.592845	-1.965288	0.049380933	0.29915374
<i>SRD5A3</i>	-1.646539	0.837817	-1.965273	0.049382704	0.29915374
<i>TMEM181</i>	-2.828247	1.439393	-1.964888	0.049427178	0.29915374
<i>CHKB</i>	-1.255349	0.6389	-1.96486	0.049430411	0.29915374
<i>TAF13</i>	-2.501176	1.272969	-1.964836	0.049433191	0.29915374

<b>Cluster 7</b>	<b>log2FC</b>	<b>lfcSE</b>	<b>stat</b>	<b>pvalue</b>	<b>padj</b>
<i>VPREB3</i>	2.854232	0.24388	11.703412	< 2.22e-16	< 2.22e-16
<i>GRN</i>	1.384602	0.231108	5.991136	2.08E-09	1.34E-05
<i>LPCAT2</i>	-5.543954	0.964884	-5.745721	9.15E-09	3.93E-05
<i>CIB2</i>	-4.434359	0.792031	-5.598717	2.16E-08	5.92E-05
<i>LINC01800</i>	-4.802941	0.859533	-5.587848	2.30E-08	5.92E-05
<i>TNFSF14</i>	-5.086043	0.95761	-5.311186	1.09E-07	0.000202244
<i>ZNF318</i>	-2.077798	0.391348	-5.309334	1.10E-07	0.000202244
<i>SLC9B1</i>	-4.473759	0.847329	-5.279838	1.29E-07	0.00020796
<i>JCHAIN</i>	2.42661	0.463884	5.23107	1.69E-07	0.000240944
<i>LINC00618</i>	-4.765824	0.916332	-5.200979	1.98E-07	0.000242661
<i>TUFT1</i>	-4.97192	0.959824	-5.180031	2.22E-07	0.000242661
<i>CRYM</i>	-4.577346	0.885031	-5.171961	2.32E-07	0.000242661
<i>MS4A1</i>	-0.749186	0.145259	-5.157569	2.50E-07	0.000242661
<i>KLK2</i>	-4.17595	0.813331	-5.134377	2.83E-07	0.000242661
<i>IGLV1.51</i>	-4.208837	0.821642	-5.122471	3.02E-07	0.000242661
<i>NPHP1</i>	-3.86081	0.75517	-5.112507	3.18E-07	0.000242661
<i>LINC01991</i>	-3.349752	0.655412	-5.110913	3.21E-07	0.000242661
<i>MIR210HG</i>	-4.301304	0.848352	-5.070191	3.97E-07	0.000267909
<i>ZNF233</i>	-4.180884	0.825341	-5.065646	4.07E-07	0.000267909
<i>GPR161</i>	-4.172761	0.824446	-5.06129	4.16E-07	0.000267909
<i>ENSG00000260331</i>	-4.527788	0.899803	-5.031979	4.85E-07	0.000297437
<i>HIST1H2AH</i>	-4.482653	0.895069	-5.008166	5.50E-07	0.000321389
<i>ENSG00000274015</i>	-4.906912	0.986615	-4.973481	6.58E-07	0.000354517
<i>NECAB3</i>	-4.088924	0.822322	-4.97241	6.61E-07	0.000354517
<i>ENSG00000273165</i>	-4.977281	1.003239	-4.961213	7.01E-07	0.000360555
<i>EPB41L4A</i>	-5.219148	1.064983	-4.900686	9.55E-07	0.000472628
<i>MTRNR2L3</i>	-4.692298	0.961392	-4.880732	1.06E-06	0.000503686
<i>ZNF221</i>	-4.116133	0.848031	-4.853751	1.21E-06	0.000556717
<i>CEP72</i>	-4.040483	0.83654	-4.829995	1.37E-06	0.000598109
<i>P3H4</i>	-4.935412	1.022717	-4.825787	1.39E-06	0.000598109
<i>TEF</i>	-4.067284	0.855083	-4.756594	1.97E-06	0.000743237
<i>TTC30A</i>	-4.306932	0.906205	-4.752711	2.01E-06	0.000743237
<i>UACA</i>	-3.767404	0.792837	-4.751802	2.02E-06	0.000743237
<i>ENSG00000272854</i>	-4.764412	1.002702	-4.751574	2.02E-06	0.000743237
<i>ADAM12</i>	-4.339169	0.913464	-4.750236	2.03E-06	0.000743237
<i>ENSG00000224934</i>	-4.990534	1.052318	-4.742421	2.11E-06	0.000743237
<i>LMO2</i>	-4.09339	0.863585	-4.739995	2.14E-06	0.000743237
<i>ENSG00000265100</i>	-4.784995	1.013791	-4.719902	2.36E-06	0.000785934
<i>ENSG00000266378</i>	-3.936342	0.834331	-4.717963	2.38E-06	0.000785934
<i>LINC02099</i>	-4.588187	0.979534	-4.684053	2.81E-06	0.000904734
<i>PRR5</i>	-4.883462	1.048718	-4.656603	3.21E-06	0.000983078
<i>C5orf17</i>	-4.640488	0.996903	-4.654903	3.24E-06	0.000983078
<i>ENSG00000230747</i>	-4.351161	0.935709	-4.65012	3.32E-06	0.000983078
<i>ENSG00000267633</i>	-4.652077	1.001992	-4.64283	3.44E-06	0.000983078
<i>ARHGAP5.AS1</i>	-5.287809	1.138941	-4.642743	3.44E-06	0.000983078
<i>ENSG00000280011</i>	-3.694563	0.798081	-4.629306	3.67E-06	0.001026264

<i>REPS2</i>	-3.591461	0.77812	-4.615562	3.92E-06	0.001042159
<i>KIF18A</i>	-3.422656	0.741562	-4.615466	3.92E-06	0.001042159
<i>H1FX.AS1</i>	-4.881934	1.059098	-4.609522	4.04E-06	0.001042159
<i>FRMPD1</i>	-4.215548	0.914671	-4.608813	4.05E-06	0.001042159
<i>BCL9</i>	-4.043987	0.878794	-4.601745	4.19E-06	0.001057024
<i>ENSG00000225335</i>	-4.210724	0.91691	-4.592296	4.38E-06	0.001084779
<i>ENSG00000274292</i>	-4.220849	0.924366	-4.56621	4.97E-06	0.001181146
<i>GSTM2</i>	-4.329527	0.948581	-4.564212	5.01E-06	0.001181146
<i>ENSG00000272579</i>	-3.920037	0.859401	-4.56136	5.08E-06	0.001181146
<i>ENSG00000186019</i>	-4.814581	1.056069	-4.558966	5.14E-06	0.001181146
<i>TTYH2</i>	-4.346782	0.959662	-4.529494	5.91E-06	0.001334671
<i>KCNQ1</i>	-4.448622	0.983255	-4.524385	6.06E-06	0.001338089
<i>ENSG00000261079</i>	-3.979876	0.88018	-4.521661	6.14E-06	0.001338089
<i>ENSG00000272800</i>	-4.733309	1.048059	-4.516264	6.29E-06	0.001349751
<i>ATP6V0E2.AS1</i>	-4.354996	0.967784	-4.499966	6.80E-06	0.001433599
<i>RGS9</i>	-3.994482	0.889548	-4.490465	7.11E-06	0.001474888
<i>DMXL2</i>	-4.315991	0.962479	-4.484246	7.32E-06	0.001494457
<i>SIRPA</i>	-4.239828	0.946592	-4.479045	7.50E-06	0.001507405
<i>ADM2</i>	-3.530647	0.789514	-4.471922	7.75E-06	0.001534531
<i>ARHGAP21</i>	-4.252485	0.952805	-4.463122	8.08E-06	0.001574728
<i>HAVCR2</i>	-3.926323	0.88089	-4.457221	8.30E-06	0.001594528
<i>PPP1R26</i>	-4.227115	0.949149	-4.453582	8.44E-06	0.001597958
<i>ADCY4</i>	-4.353299	0.980581	-4.43951	9.02E-06	0.001670629
<i>SPAG5</i>	-4.711914	1.06177	-4.437791	9.09E-06	0.001670629
<i>ENSG00000272004</i>	-4.723485	1.066328	-4.429674	9.44E-06	0.001673969
<i>BCAT1</i>	-4.389299	0.991422	-4.427274	9.54E-06	0.001673969
<i>ENSG00000234915</i>	-4.65916	1.052498	-4.426765	9.57E-06	0.001673969
<i>KRTCAP3</i>	-3.760739	0.850035	-4.424218	9.68E-06	0.001673969
<i>VASH2</i>	-4.671327	1.056268	-4.422482	9.76E-06	0.001673969
<i>ENSG00000255495</i>	-3.807211	0.86172	-4.418156	9.95E-06	0.001685353
<i>ENSG00000271993</i>	-3.716114	0.844066	-4.402633	1.07E-05	0.001762981
<i>KIF15</i>	-4.668126	1.060914	-4.400098	1.08E-05	0.001762981
<i>LINC00937</i>	-3.684647	0.837416	-4.400017	1.08E-05	0.001762981
<i>APPL2</i>	-2.757797	0.627219	-4.396864	1.10E-05	0.001766416
<i>ENSG00000228242</i>	-3.975467	0.905726	-4.389261	1.14E-05	0.001806725
<i>SPA17</i>	-4.166914	0.951043	-4.381417	1.18E-05	0.00184898
<i>LINC00894</i>	-4.143467	0.946231	-4.378917	1.19E-05	0.00184898
<i>ENSG00000279714</i>	-4.221214	0.965577	-4.371702	1.23E-05	0.001888409
<i>IL6</i>	-4.076217	0.932966	-4.369093	1.25E-05	0.001888624
<i>TGFB111</i>	-4.065201	0.931531	-4.364001	1.28E-05	0.001910676
<i>ENSG00000267282</i>	-4.127756	0.946686	-4.360217	1.30E-05	0.001921668
<i>LINC02076</i>	-3.671787	0.845613	-4.342158	1.41E-05	0.002047396
<i>NR5A2</i>	-3.79566	0.874306	-4.341339	1.42E-05	0.002047396
<i>IFNG.AS1</i>	-4.316183	0.995578	-4.335353	1.46E-05	0.002054564
<i>BEX3</i>	-4.044332	0.9329	-4.335227	1.46E-05	0.002054564
<i>NMNAT3</i>	-4.192455	0.967501	-4.333282	1.47E-05	0.002054564
<i>ZNF135</i>	-2.822113	0.651795	-4.329756	1.49E-05	0.00206529



<i>NBPF3</i>	-3.939929	0.91272	-4.31669	1.58E-05	0.002168038
<i>SLC2A4RG</i>	-3.085661	0.715548	-4.312307	1.62E-05	0.002188205
<i>ENSG00000231294</i>	-4.53909	1.05368	-4.307844	1.65E-05	0.002209552
<i>CRYGS</i>	-3.709445	0.861707	-4.304765	1.67E-05	0.002216095
<i>ENSG00000266998</i>	-3.841419	0.892808	-4.302625	1.69E-05	0.002216095
<i>FAM230J</i>	-3.886918	0.904192	-4.298775	1.72E-05	0.002232161
<i>PIK3R4</i>	-2.842747	0.661827	-4.2953	1.74E-05	0.002244742
<i>NAGPA.AS1</i>	-3.959636	0.92269	-4.291403	1.78E-05	0.002261889
<i>CAPS</i>	-2.571078	0.599615	-4.287885	1.80E-05	0.002275476
<i>ADNP.AS1</i>	-3.488229	0.815597	-4.276901	1.90E-05	0.00234093
<i>ENSG00000280433</i>	-2.983525	0.69798	-4.274512	1.92E-05	0.00234093
<i>MMP23B</i>	-4.435831	1.038069	-4.273157	1.93E-05	0.00234093
<i>PDE1B</i>	-4.270393	0.999387	-4.273013	1.93E-05	0.00234093
<i>IGLV4.69</i>	-3.828319	0.896487	-4.270355	1.95E-05	0.002346873
<i>GP1BA</i>	-3.7887	0.889549	-4.259127	2.05E-05	0.002445052
<i>ENSG00000258940</i>	-3.497781	0.821732	-4.256597	2.08E-05	0.002450182
<i>CCRL2</i>	-4.271755	1.005623	-4.247867	2.16E-05	0.00252445
<i>ENSG00000271797</i>	-3.768724	0.888475	-4.241791	2.22E-05	0.002570424
<i>C7orf61</i>	-3.806533	0.899596	-4.231379	2.32E-05	0.002668323
<i>MOK</i>	-3.567918	0.843664	-4.229077	2.35E-05	0.002671917
<i>ENSG00000265778</i>	-3.484069	0.825297	-4.221595	2.43E-05	0.002737959
<i>ENSG00000260911</i>	-4.49304	1.0653	-4.217628	2.47E-05	0.002752812
<i>PCOLCE</i>	-2.663865	0.631779	-4.216453	2.48E-05	0.002752812
<i>LBH</i>	-1.190953	0.282945	-4.209126	2.56E-05	0.002819302
<i>PLK4</i>	-4.670154	1.110366	-4.20596	2.60E-05	0.002834846
<i>SNX21</i>	-4.153112	0.988158	-4.202883	2.64E-05	0.002849524
<i>ENSG00000223881</i>	-3.633799	0.866504	-4.193634	2.75E-05	0.002943555
<i>ENSG00000258944</i>	-3.89742	0.930255	-4.189627	2.79E-05	0.002971244
<i>GNRH1</i>	-3.226316	0.771254	-4.183208	2.87E-05	0.003021525
<i>FBLN2</i>	-5.529076	1.322084	-4.182093	2.89E-05	0.003021525
<i>TMEM225B</i>	-3.712975	0.889524	-4.174116	2.99E-05	0.003104115
<i>BIK</i>	-4.110607	0.985511	-4.171043	3.03E-05	0.003117799
<i>ENSG00000273314</i>	-3.648801	0.875314	-4.168563	3.07E-05	0.003117799
<i>ARHGAP22</i>	-3.708922	0.889928	-4.167667	3.08E-05	0.003117799
<i>IGKV3.20</i>	-3.30255	0.793177	-4.163701	3.13E-05	0.003147687
<i>PLCB3</i>	-3.157559	0.75893	-4.160541	3.17E-05	0.003166828
<i>SLC24A1</i>	-4.426526	1.066337	-4.151151	3.31E-05	0.003272657
<i>DPH1</i>	-3.824819	0.922074	-4.148061	3.35E-05	0.003272657
<i>ZNF286B</i>	-3.5125	0.846841	-4.147766	3.36E-05	0.003272657
<i>LINC02202</i>	-3.559638	0.859417	-4.141921	3.44E-05	0.003331958
<i>UNC79</i>	-4.221184	1.020988	-4.134409	3.56E-05	0.003417142
<i>CHPF</i>	-4.26766	1.033798	-4.128136	3.66E-05	0.003485675
<i>LMTK2</i>	-3.638692	0.88237	-4.123769	3.73E-05	0.003526335
<i>ENSG00000232811</i>	-4.929516	1.197754	-4.115635	3.86E-05	0.003602824
<i>ENSG00000261071</i>	-3.42605	0.832483	-4.115461	3.86E-05	0.003602824
<i>ENSG00000251330</i>	-4.309099	1.048366	-4.1103	3.95E-05	0.0036578
<i>ENSG00000260329</i>	-4.352736	1.059567	-4.108035	3.99E-05	0.003667464

<i>LIMA1</i>	-3.791788	0.92448	-4.101535	4.10E-05	0.003726259
<i>BMERB1</i>	-3.7337	0.911313	-4.097056	4.18E-05	0.003726259
<i>GPBR1</i>	-3.81926	0.932216	-4.096968	4.19E-05	0.003726259
<i>RAB3B</i>	-4.551274	1.110914	-4.096873	4.19E-05	0.003726259
<i>ENSG00000258377</i>	-3.904975	0.953308	-4.096239	4.20E-05	0.003726259
<i>RGPD5</i>	-3.322301	0.811579	-4.093626	4.25E-05	0.003742704
<i>C17orf51</i>	-3.077283	0.752561	-4.08908	4.33E-05	0.003780867
<i>ENSG00000228037</i>	-3.797794	0.928983	-4.088118	4.35E-05	0.003780867
<i>ADD2</i>	-3.358689	0.821968	-4.086153	4.39E-05	0.003787422
<i>TRIM46</i>	-3.957146	0.970562	-4.07717	4.56E-05	0.003910474
<i>DLG2</i>	-3.364345	0.825783	-4.074129	4.62E-05	0.003910849
<i>PROB1</i>	-3.372621	0.828057	-4.072933	4.64E-05	0.003910849
<i>ACVR1B</i>	-3.710472	0.91138	-4.071268	4.68E-05	0.003910849
<i>SLC36A1</i>	-3.77719	0.927824	-4.071022	4.68E-05	0.003910849
<i>ENSG00000278817</i>	-3.561807	0.876071	-4.065662	4.79E-05	0.003976019
<i>LINC00987</i>	-3.761046	0.927353	-4.055679	5.00E-05	0.004123124
<i>ZNF391</i>	-3.232661	0.797773	-4.052104	5.08E-05	0.004159979
<i>ENSG00000255537</i>	-3.416272	0.843921	-4.048096	5.16E-05	0.00420506
<i>SPATS2L</i>	-3.788828	0.937488	-4.041467	5.31E-05	0.004298544
<i>MDS2</i>	-3.437447	0.851917	-4.034956	5.46E-05	0.00439187
<i>HIST1H1B</i>	-3.911168	0.970237	-4.031147	5.55E-05	0.004435941
<i>SERPINH1</i>	-3.786815	0.940696	-4.025545	5.68E-05	0.004505825
<i>CISH</i>	-5.334528	1.325491	-4.024568	5.71E-05	0.004505825
<i>GRM3</i>	-4.390616	1.091434	-4.022797	5.75E-05	0.004512164
<i>ENSG00000269814</i>	-4.01477	0.999378	-4.017268	5.89E-05	0.004564297
<i>ATXN7L2</i>	-3.433164	0.854609	-4.017235	5.89E-05	0.004564297
<i>LINC02021</i>	-3.328407	0.829698	-4.011591	6.03E-05	0.00464684
<i>CENPO</i>	-3.30168	0.823781	-4.007959	6.12E-05	0.004690765
<i>ENSG00000260317</i>	-3.555302	0.888885	-3.999733	6.34E-05	0.004828088
<i>LINC00562</i>	-2.752813	0.689172	-3.994378	6.49E-05	0.004856361
<i>U2AF1L5</i>	-4.629025	1.158939	-3.994191	6.49E-05	0.004856361
<i>IGLV2.11</i>	-4.955237	1.240613	-3.994184	6.49E-05	0.004856361
<i>LMNTD1</i>	-2.962577	0.745943	-3.971587	7.14E-05	0.005310077
<i>PTP4A3</i>	-2.93351	0.739155	-3.968733	7.23E-05	0.005343201
<i>IL18BP</i>	-3.231153	0.815351	-3.962898	7.40E-05	0.005444249
<i>CDKN2A</i>	-3.234637	0.817527	-3.956611	7.60E-05	0.005557709
<i>MESP1</i>	-3.737419	0.944952	-3.955143	7.65E-05	0.005560352
<i>ENSG00000244567</i>	-3.319767	0.839924	-3.952463	7.74E-05	0.005582298
<i>PBX4</i>	-3.420559	0.865633	-3.951514	7.77E-05	0.005582298
<i>ENSG00000262429</i>	-3.048579	0.772337	-3.947211	7.91E-05	0.005651968
<i>CHL1</i>	-3.188933	0.809218	-3.940758	8.12E-05	0.005753669
<i>ZSCAN22</i>	-2.800066	0.710625	-3.940288	8.14E-05	0.005753669
<i>CCDC150</i>	-3.608686	0.916472	-3.937585	8.23E-05	0.005760706
<i>FAM89A</i>	-3.672598	0.932754	-3.937372	8.24E-05	0.005760706
<i>SLC27A1</i>	-3.33452	0.847778	-3.933246	8.38E-05	0.005804756
<i>PLCG1</i>	-3.217266	0.81803	-3.932946	8.39E-05	0.005804756
<i>CCDC151</i>	-4.718677	1.201714	-3.926622	8.61E-05	0.005927584

MIR34AHG	-3.612462	0.920331	-3.925175	8.67E-05	0.005931605
H3F3A	0.616242	0.157145	3.921491	8.80E-05	0.005962539
TIMP2	-3.563246	0.908673	-3.921374	8.80E-05	0.005962539
ENSG00000179428	-4.54731	1.160547	-3.918248	8.92E-05	0.006008755
ENSG00000273064	-3.352114	0.856827	-3.912242	9.14E-05	0.006128119
ITPR1L1	-3.411754	0.872785	-3.909045	9.27E-05	0.006177609
CPLANE2	-3.460296	0.885995	-3.905549	9.40E-05	0.006235291
NR2F6	-3.124952	0.803868	-3.887394	0.000101326	0.006685974
LEMD2	-2.238784	0.577321	-3.877884	0.000105369	0.006882733
ZNF460.AS1	-2.969149	0.765781	-3.877284	0.000105629	0.006882733
DGAT1	-2.931119	0.75624	-3.875911	0.000106227	0.006882733
ENSG00000254162	-3.555778	0.917524	-3.875404	0.000106448	0.006882733
ABHD16A	-3.061883	0.791019	-3.870809	0.000108475	0.006923436
ENSG00000228989	-2.886272	0.745693	-3.870591	0.000108572	0.006923436
ENSG00000228436	-2.895411	0.74816	-3.870044	0.000108816	0.006923436
UCP3	-3.758426	0.971391	-3.869118	0.00010923	0.006923436
ENSG00000232874	-3.562511	0.923107	-3.859259	0.000113731	0.007173428
B4GALT1.AS1	-3.422182	0.887437	-3.856253	0.000115138	0.007177898
ANGPTL6	-3.753424	0.973389	-3.856037	0.00011524	0.007177898
PLBD2	-2.82075	0.73161	-3.855538	0.000115476	0.007177898
ENSG00000268573	-4.08696	1.062423	-3.846831	0.000119656	0.007401961
GPC2	-3.92958	1.0227	-3.842359	0.000121858	0.007497217
ENSG00000272455	-4.284779	1.115519	-3.841064	0.000122502	0.007497217
ZFP37	-3.443268	0.896642	-3.840181	0.000122943	0.007497217
LINC01001	-3.159199	0.824447	-3.8319	0.000127157	0.007717613
ASMTL.AS1	-3.345049	0.875387	-3.821225	0.00013279	0.008021659
CLIP4	-4.212752	1.103885	-3.816295	0.000135471	0.008145333
SUOX	-3.206146	0.841204	-3.811379	0.000138193	0.008270395
ZNF23	-4.004328	1.052664	-3.803994	0.000142382	0.008481593
CBX8	-3.087937	0.812124	-3.802296	0.000143361	0.008500588
HYAL3	-2.93912	0.77325	-3.800995	0.000144116	0.008506172
RAP2C.AS1	-3.027803	0.796846	-3.799732	0.000144853	0.008510581
COX16	-1.708394	0.450324	-3.793696	0.000148421	0.008680614
LINC00205	-4.212801	1.112228	-3.787712	0.000152041	0.008852075
ENSG00000250073	-3.427297	0.905929	-3.783186	0.000154834	0.008961866
SEMA3D	-4.356997	1.151911	-3.782406	0.00015532	0.008961866
ENSG00000225032	-3.474579	0.919103	-3.780401	0.000156576	0.008994044
NPIPA5	-3.916495	1.038647	-3.770765	0.000162748	0.009307017
ENSG00000240401	-2.627216	0.69781	-3.764946	0.000166585	0.009484287
ATL1	-3.284274	0.872737	-3.763189	0.00016776	0.009509126
DOK2	-3.267438	0.869054	-3.759764	0.000170074	0.009597969
IL1RAP	-2.958248	0.787643	-3.755825	0.000172771	0.009668624
LINC01816	-4.073885	1.08477	-3.755529	0.000172975	0.009668624
CCDC144A	-3.340462	0.889798	-3.754179	0.00017391	0.009668624
TRPV1	-2.953452	0.786837	-3.753574	0.000174331	0.009668624
EVI5L	-3.297243	0.879326	-3.749737	0.00017702	0.009734677
CAMKMT	-2.209662	0.589463	-3.748599	0.000177825	0.009734677

<i>ENSG00000267421</i>	-5.173216	1.380277	-3.747956	0.000178282	0.009734677
<i>LINC00504</i>	-3.519666	0.939196	-3.747529	0.000178585	0.009734677
<i>ENSG00000262319</i>	-3.628189	0.968416	-3.746519	0.000179305	0.009734677
<i>ENSG00000261220</i>	-2.853401	0.76434	-3.733156	0.000189095	0.010161507
<i>PARD6B</i>	-2.639803	0.707209	-3.732705	0.000189434	0.010161507
<i>DEPDC4</i>	-4.682953	1.254619	-3.73257	0.000189536	0.010161507
<i>ELMO3</i>	-3.062703	0.820774	-3.731483	0.000190356	0.010163101
<i>ZNF607</i>	-2.945722	0.789841	-3.729511	0.000191852	0.010200655
<i>FGFRL1</i>	-4.041242	1.084162	-3.727524	0.00019337	0.010239061
<i>MPV17L</i>	-3.046469	0.81809	-3.723878	0.000196186	0.010345585
<i>ENSG00000281706</i>	-3.357669	0.902279	-3.721322	0.000198183	0.010372764
<i>LRP8</i>	-3.166717	0.851004	-3.721155	0.000198314	0.010372764
<i>ZNF133</i>	-2.839953	0.763964	-3.717389	0.000201293	0.010485968
<i>INSL3</i>	-3.850403	1.03711	-3.712627	0.000205119	0.010642188
<i>IGHV4.34</i>	-3.348007	0.902209	-3.7109	0.000206524	0.010672062
<i>TBC1D16</i>	-2.743451	0.741977	-3.697489	0.000217743	0.011200504
<i>ENSG00000278869</i>	-3.119107	0.843909	-3.696024	0.000219002	0.011200504
<i>ENSG00000264235</i>	-3.319218	0.898215	-3.695349	0.000219585	0.011200504
<i>FUT8.AS1</i>	-4.215064	1.140871	-3.694601	0.000220232	0.011200504
<i>ENSG00000248367</i>	-3.04004	0.82424	-3.688296	0.000225761	0.011436501
<i>PRELID3A</i>	-3.961834	1.074816	-3.686056	0.000227756	0.011492296
<i>TMEM255B</i>	-3.176722	0.863687	-3.678095	0.000234983	0.01181064
<i>RDH10</i>	-3.434936	0.934936	-3.673978	0.000238803	0.011866401
<i>AREL1</i>	-2.467368	0.671821	-3.672658	0.000240041	0.011866401
<i>SRRM2.AS1</i>	-3.395936	0.924758	-3.672242	0.000240432	0.011866401
<i>CTIF</i>	-3.27902	0.892958	-3.672088	0.000240577	0.011866401
<i>ENSG00000273272</i>	-4.170949	1.136189	-3.671	0.000241603	0.011866401
<i>TTC8</i>	-3.568724	0.972146	-3.670976	0.000241626	0.011866401
<i>LIX1.AS1</i>	-3.206987	0.874435	-3.667497	0.000244936	0.011983248
<i>ZNF713</i>	-2.845459	0.776285	-3.665482	0.000246873	0.012007949
<i>FAH</i>	-3.037122	0.828861	-3.664213	0.000248101	0.012007949
<i>CMC4</i>	-3.116199	0.850813	-3.662614	0.000249655	0.012007949
<i>AMIGO2</i>	-3.241087	0.884941	-3.66249	0.000249775	0.012007949
<i>YY2</i>	-3.182461	0.86919	-3.661409	0.000250832	0.012007949
<i>PHLDA3</i>	-4.01495	1.096623	-3.661196	0.000251041	0.012007949
<i>ENSG00000277763</i>	-3.739141	1.022285	-3.657631	0.000254557	0.012087938
<i>FAM161B</i>	-3.036298	0.830135	-3.657596	0.000254592	0.012087938
<i>PALM2</i>	-3.234207	0.884756	-3.655477	0.000256704	0.012105386
<i>FIRRE</i>	-3.802494	1.040257	-3.655341	0.000256841	0.012105386
<i>PLD6</i>	-2.972285	0.813744	-3.652603	0.000259595	0.01219054
<i>ASCL2</i>	-3.669775	1.005466	-3.649824	0.000262421	0.012243123
<i>GPX1</i>	0.8225	0.225378	3.649421	0.000262832	0.012243123
<i>RGL1</i>	-3.757966	1.029946	-3.648701	0.000263569	0.012243123
<i>SOX5</i>	-5.291275	1.45093	-3.646817	0.000265509	0.012247397
<i>ENSG00000233903</i>	-2.971941	0.814953	-3.646763	0.000265565	0.012247397
<i>ZNF707</i>	-2.327706	0.638945	-3.643045	0.000269431	0.012339935
<i>ABCD3</i>	-2.287726	0.62798	-3.64299	0.00026949	0.012339935

<i>ENSG00000237753</i>	-2.968918	0.815692	-3.639753	0.0002729	0.012431532
<i>NT5DC3</i>	-2.863669	0.786882	-3.63926	0.000273422	0.012431532
<i>ER12</i>	-3.327989	0.915533	-3.635027	0.000277951	0.012592953
<i>DOCK7</i>	-2.84053	0.78197	-3.632532	0.000280654	0.01264999
<i>ENSG00000260778</i>	-3.181529	0.875959	-3.632052	0.000281176	0.01264999
<i>PKN3</i>	-3.980279	1.097693	-3.62604	0.0002878	0.012902877
<i>FAM83G</i>	-2.479763	0.684895	-3.620648	0.000293866	0.013129063
<i>CCSAP</i>	-2.678273	0.740438	-3.617149	0.000297866	0.013261717
<i>ENSG00000272973</i>	-3.169224	0.876514	-3.615715	0.00029952	0.013289371
<i>ENSG00000261879</i>	-2.899097	0.802642	-3.611941	0.000303913	0.01343799
<i>CCDC62</i>	-3.359547	0.932006	-3.60464	0.000312586	0.013774129
<i>ZNF554</i>	-2.932097	0.813782	-3.60305	0.000314506	0.01381141
<i>VPS33B.DT</i>	-3.435176	0.954901	-3.597418	0.000321392	0.014065835
<i>PAM</i>	-2.739065	0.761764	-3.595688	0.000323535	0.014111605
<i>WDR66</i>	-2.954481	0.822104	-3.593803	0.000325886	0.014166147
<i>ENSG00000266385</i>	-3.324618	0.926765	-3.587337	0.000334072	0.014473083
<i>FAM85B</i>	-3.218599	0.899198	-3.57941	0.000344371	0.014869201
<i>WNT10A</i>	-2.59469	0.725227	-3.57776	0.000346551	0.014913285
<i>ENSG00000272264</i>	-3.206755	0.896744	-3.575997	0.000348895	0.014964111
<i>ENSG00000272933</i>	-2.878142	0.80563	-3.572537	0.000353539	0.015024343
<i>PLEKHD1</i>	-4.167094	1.166549	-3.572155	0.000354056	0.015024343
<i>ANK1</i>	-3.000097	0.839933	-3.571828	0.000354499	0.015024343
<i>ENSG00000261420</i>	-3.235404	0.905962	-3.571237	0.000355299	0.015024343
<i>KDM4A.AS1</i>	-2.988097	0.836936	-3.570283	0.000356596	0.015024343
<i>STAT5A</i>	-1.663659	0.466042	-3.569762	0.000357305	0.015024343
<i>ENSG00000270127</i>	-3.233125	0.907463	-3.562819	0.000366893	0.015377246
<i>TSPAN4</i>	-3.053424	0.858204	-3.557922	0.0003738	0.015615855
<i>OPRL1</i>	-3.037623	0.854492	-3.554887	0.000378141	0.015696767
<i>UBAC2.AS1</i>	-3.06082	0.861023	-3.554863	0.000378177	0.015696767
<i>ENSG00000256950</i>	-3.447868	0.971322	-3.549667	0.000385719	0.01595836
<i>ENSG00000276259</i>	-2.720152	0.766871	-3.547077	0.000389531	0.016064389
<i>ADRB2</i>	-2.664915	0.751902	-3.544231	0.000393759	0.016186911
<i>CCDC146</i>	-3.53153	0.996893	-3.542536	0.000396299	0.016239407
<i>BOLA3.AS1</i>	-2.650047	0.74828	-3.541516	0.000397834	0.016250583
<i>ITGA1</i>	-2.938675	0.830118	-3.540069	0.000400022	0.016262903
<i>ALYREF</i>	-2.575437	0.727712	-3.539088	0.000401512	0.016262903
<i>ENSG00000265218</i>	-3.714154	1.049548	-3.538815	0.000401928	0.016262903
<i>PTPRCAP</i>	-3.216475	0.909469	-3.53665	0.000405236	0.016345361
<i>ENSG00000271976</i>	-3.5023	0.991105	-3.533734	0.000409733	0.016475102
<i>THNSL1</i>	-2.906977	0.823119	-3.53166	0.00041296	0.016553135
<i>HARBI1</i>	-2.734103	0.77439	-3.530656	0.000414531	0.016564504
<i>GTSF1</i>	-2.483003	0.704116	-3.52641	0.000421234	0.016775329
<i>ENSG00000228835</i>	-2.699685	0.765723	-3.525669	0.000422414	0.016775329
<i>ARHGEF10</i>	-2.812681	0.797978	-3.524761	0.000423865	0.016779696
<i>ABCY9</i>	-3.482918	0.988351	-3.52397	0.000425133	0.016779696
<i>CHRNE</i>	-4.083154	1.159268	-3.522182	0.00042801	0.016790455
<i>ENSG00000264548</i>	-4.289746	1.218168	-3.521473	0.000429157	0.016790455

<i>SFT2D3</i>	-2.999537	0.851908	-3.520963	0.000429982	0.016790455
<i>PUSL1</i>	-2.167713	0.615868	-3.519766	0.000431928	0.016790455
<i>KLHL17</i>	-2.990535	0.849781	-3.519183	0.000432878	0.016790455
<i>C19orf73</i>	-2.886415	0.820386	-3.518362	0.00043422	0.016790455
<i>ITGAV</i>	-3.085513	0.877023	-3.518166	0.00043454	0.016790455
<i>ASB2</i>	2.581441	0.734278	3.51562	0.000438729	0.016880511
<i>CCDC183</i>	-2.947207	0.838428	-3.515157	0.000439494	0.016880511
<i>RNF31</i>	-2.87003	0.816664	-3.514334	0.000440858	0.016882491
<i>C16orf95</i>	-3.952635	1.125101	-3.513139	0.000442846	0.016903966
<i>LTB4R</i>	-2.963365	0.843787	-3.511983	0.000444777	0.016903966
<i>ENSG00000231595</i>	-4.005126	1.14053	-3.511635	0.00044536	0.016903966
<i>LSM11</i>	-2.976659	0.847877	-3.510723	0.000446891	0.016912181
<i>ENSG00000263531</i>	-2.702147	0.770475	-3.507118	0.000452988	0.01709264
<i>SMIM13</i>	-2.89729	0.826436	-3.505765	0.000455297	0.017129553
<i>DENND6B</i>	2.036788	0.581272	3.504017	0.000458296	0.017192122
<i>MYH7B</i>	-3.205589	0.91524	-3.502456	0.000460989	0.017242875
<i>FRAT2</i>	-3.220271	0.919829	-3.500944	0.000463613	0.017290732
<i>STAT4</i>	-2.467322	0.705721	-3.496171	0.000471985	0.017515081
<i>C3orf33</i>	-2.889488	0.826614	-3.49557	0.00047305	0.017515081
<i>PRRT2</i>	-2.845434	0.814098	-3.495197	0.000473712	0.017515081
<i>ENSG00000182376</i>	-3.885772	1.112584	-3.492564	0.000478407	0.017638006
<i>ACRBP</i>	-3.123201	0.894504	-3.491545	0.000480235	0.017654803
<i>LINC00996</i>	-3.188512	0.913475	-3.490531	0.000482062	0.017671487
<i>TLL1</i>	-2.811544	0.806753	-3.485011	0.000492118	0.01798886
<i>RASGEF1A</i>	-2.868924	0.823931	-3.481995	0.000497693	0.018141136
<i>MBOAT2</i>	-3.697023	1.062146	-3.480712	0.000500083	0.01816471
<i>NBPF26</i>	-2.680334	0.770181	-3.480134	0.000501164	0.01816471
<i>ENSG00000237357</i>	-2.803743	0.806513	-3.476377	0.000508238	0.018369376
<i>FRY</i>	-3.157204	0.909196	-3.472522	0.000515593	0.018540801
<i>SMC6</i>	-0.983165	0.283138	-3.472381	0.000515863	0.018540801
<i>RGMB</i>	-2.83056	0.815586	-3.470587	0.000519323	0.018552754
<i>NXPH4</i>	-4.029833	1.161422	-3.469741	0.000520961	0.018552754
<i>TCEAL9</i>	-3.057189	0.881289	-3.468999	0.000522401	0.018552754
<i>MEGF8</i>	-2.68823	0.775037	-3.468518	0.000523337	0.018552754
<i>DDIAS</i>	-2.639673	0.761045	-3.468483	0.000523405	0.018552754
<i>EIF2AK3.DT</i>	-3.23366	0.93385	-3.462718	0.000534748	0.01882932
<i>ENSG00000272374</i>	-3.689577	1.065564	-3.462557	0.000535069	0.01882932
<i>MAPK8IP1</i>	-3.23902	0.935572	-3.462075	0.000536027	0.01882932
<i>LIPE</i>	-1.955731	0.565088	-3.460932	0.000538309	0.01882932
<i>LRCH1</i>	-1.855196	0.536056	-3.460824	0.000538524	0.01882932
<i>S100A2</i>	-2.705099	0.781916	-3.459579	0.00054102	0.018832878
<i>NRF1</i>	-2.164591	0.625728	-3.459314	0.000541553	0.018832878
<i>SEPHS2</i>	-2.943237	0.851072	-3.458271	0.000543654	0.018854971
<i>ENSG00000277602</i>	-3.641887	1.053702	-3.456279	0.000547689	0.018941908
<i>SDSL</i>	-2.867187	0.829726	-3.455583	0.000549105	0.018941908
<i>ENSG00000240710</i>	-2.802249	0.811625	-3.452641	0.000555127	0.019098434
<i>GPD1L</i>	-3.476405	1.007332	-3.4511	0.000558306	0.019156592

<i>RAB23</i>	-2.865518	0.831176	-3.447547	0.000565701	0.019293129
<i>PDE6A</i>	-2.7494	0.79754	-3.447352	0.000566111	0.019293129
<i>CHKA</i>	-2.624369	0.761342	-3.447031	0.000566783	0.019293129
<i>JUND</i>	-1.016003	0.294961	-3.444531	0.000572051	0.019408884
<i>HIST1H2BF</i>	-3.01909	0.876626	-3.443988	0.000573201	0.019408884
<i>PRR22</i>	-4.013721	1.165682	-3.443238	0.000574793	0.019411694
<i>OSGEPL1.AS1</i>	-3.342809	0.971409	-3.441198	0.000579145	0.01949918
<i>ZNF646</i>	-2.524337	0.733706	-3.440527	0.000580582	0.01949918
<i>ENSG00000249604</i>	-4.12344	1.198828	-3.43956	0.000582661	0.01949918
<i>ERMAP</i>	-2.955464	0.859347	-3.439196	0.000583445	0.01949918
<i>ZNF675</i>	-1.889528	0.549688	-3.437455	0.000587208	0.019543475
<i>JAM2</i>	-2.981331	0.867386	-3.437144	0.000587884	0.019543475
<i>BTBD6</i>	-2.625583	0.764033	-3.43648	0.000589327	0.019543475
<i>ENSG00000269982</i>	-3.708108	1.079723	-3.434314	0.000594056	0.019649669
<i>ENSG00000263826</i>	-4.066479	1.18471	-3.432467	0.000598117	0.019733261
<i>PLAAT4</i>	1.665887	0.485757	3.429463	0.000604778	0.01980767
<i>CCDC163</i>	-3.063407	0.893343	-3.429151	0.000605473	0.01980767
<i>FAXDC2</i>	-2.864108	0.835357	-3.428603	0.000606697	0.01980767
<i>CD1D</i>	2.384216	0.695671	3.427216	0.000609803	0.01980767
<i>NHEJ1</i>	-3.880063	1.132225	-3.426936	0.000610432	0.01980767
<i>VASH1</i>	-3.969134	1.158366	-3.426493	0.000611429	0.01980767
<i>PGAP3</i>	-2.847163	0.831003	-3.426175	0.000612145	0.01980767
<i>MYH10</i>	-3.959201	1.155933	-3.425112	0.000614545	0.01980767
<i>ENSG00000183889</i>	-3.683788	1.075645	-3.424724	0.000615423	0.01980767
<i>CMBL</i>	-4.016329	1.172797	-3.424573	0.000615767	0.01980767
<i>TNNC2</i>	-2.946065	0.860653	-3.423058	0.000619208	0.019860743
<i>PIWIL1</i>	-3.20268	0.935775	-3.42249	0.000620504	0.019860743
<i>NPC2</i>	-0.663923	0.194041	-3.421562	0.000622626	0.019879219
<i>ZNF730</i>	-3.708216	1.084073	-3.420634	0.000624753	0.019897757
<i>MRVI1.AS1</i>	-2.995157	0.876215	-3.41829	0.00063016	0.020020407
<i>ENSG00000270681</i>	-3.792978	1.110082	-3.416844	0.000633516	0.02007745
<i>FAM153B</i>	-3.995798	1.169724	-3.416016	0.000635445	0.020089111
<i>FMNL2</i>	-3.491837	1.023469	-3.411764	0.000645439	0.020350935
<i>PSD3</i>	-2.218121	0.650256	-3.411152	0.00064689	0.020350935
<i>ENSG00000282393</i>	-2.821237	0.827508	-3.409316	0.000651259	0.02039317
<i>SLC15A2</i>	-2.446851	0.717708	-3.409256	0.000651402	0.02039317
<i>TMEM217</i>	-3.673709	1.077866	-3.408317	0.000653648	0.02041381
<i>FES</i>	-2.537902	0.745283	-3.405285	0.000660949	0.020574895
<i>ENSG00000260100</i>	-3.824481	1.123344	-3.404551	0.00066273	0.020574895
<i>ENSG00000264112</i>	-2.881966	0.846593	-3.404191	0.000663603	0.020574895
<i>MALINC1</i>	-3.839129	1.12991	-3.397731	0.000679472	0.021016252
<i>ENSG00000274400</i>	-3.820724	1.124962	-3.396313	0.000683003	0.021074805
<i>SLC35D2</i>	-3.25529	0.958945	-3.394657	0.000687146	0.021151942
<i>SETMAR</i>	-2.859525	0.843026	-3.391977	0.000693904	0.021308967
<i>ZNF20</i>	-2.930228	0.864266	-3.390424	0.000697847	0.021365531
<i>ENSG00000267127</i>	-4.091735	1.207021	-3.389945	0.000699066	0.021365531
<i>C19orf18</i>	-3.769226	1.112979	-3.386611	0.000707617	0.021457456

SYNJ1	-3.828505	1.130762	-3.385773	0.00070978	0.021457456
PRDM11	-2.839465	0.838705	-3.385533	0.000710403	0.021457456
TK1	-2.53955	0.750137	-3.385449	0.000710619	0.021457456
ZNF746	-2.501064	0.738787	-3.385366	0.000710835	0.021457456
ENSG00000259363	-2.961551	0.874934	-3.384885	0.00071208	0.021457456
KCTD12	-3.776352	1.11616	-3.383343	0.000716091	0.021527909
ENSG00000159239	-3.086558	0.912691	-3.381822	0.000720068	0.021549655
WDR7	-2.583635	0.764071	-3.38141	0.000721149	0.021549655
ACTA2	-2.842125	0.840603	-3.381056	0.000722078	0.021549655
ENSG00000249476	-2.700277	0.798778	-3.38051	0.000723514	0.021549655
PAN3.AS1	-3.636753	1.076217	-3.379199	0.000726973	0.021568667
IGKV3.15	-3.551195	1.050961	-3.378998	0.000727505	0.021568667
ENSG00000271806	-3.071796	0.909759	-3.376496	0.000734156	0.021715818
EAF1.AS1	-2.729577	0.808865	-3.374575	0.000739297	0.021817748
LIMS2	-3.526118	1.046932	-3.368048	0.000757025	0.022289276
PTTG1	-2.288439	0.679582	-3.367424	0.00075874	0.022289276
ENSG00000272931	-3.456688	1.027024	-3.365731	0.00076341	0.022304903
SNTA1	-2.819256	0.837734	-3.365337	0.000764503	0.022304903
ENSG00000214265	-2.670897	0.793793	-3.364726	0.000766197	0.022304903
DOLPP1	-2.768039	0.822665	-3.364723	0.000766206	0.022304903
ENSG00000236255	-3.550315	1.055869	-3.362458	0.00077252	0.022415999
ATP2B4	-3.06963	0.913008	-3.362105	0.000773506	0.022415999
LINC01353	-2.637751	0.785238	-3.359175	0.000781755	0.022604126
CHAF1B	-3.847435	1.146343	-3.356269	0.000790016	0.022790989
COL8A1	-3.644123	1.085963	-3.35566	0.00079176	0.022790989
TIGD5	-2.364102	0.705125	-3.352741	0.000800157	0.022899112
ENSG00000271746	-3.33608	0.99508	-3.352576	0.000800633	0.022899112
PITPNM2	-2.415833	0.721296	-3.349295	0.000810176	0.022899112
LINC00924	-3.311481	0.988785	-3.349038	0.000810926	0.022899112
FAM13A.AS1	-2.953625	0.882033	-3.348658	0.00081204	0.022899112
TRAF6	-2.15379	0.643217	-3.348465	0.000812606	0.022899112
TP53I11	-1.71587	0.512513	-3.347953	0.000814107	0.022899112
ZNF775	-2.72437	0.813805	-3.347694	0.000814871	0.022899112
ENSG00000273759	-2.750845	0.821719	-3.347671	0.000814938	0.022899112
CROT	-2.369992	0.707953	-3.347668	0.000814944	0.022899112
ZNF433	-2.673976	0.79877	-3.347618	0.000815092	0.022899112
ENSG00000274561	-2.709768	0.80995	-3.3456	0.000821046	0.023016123
C1QTNF6	-2.877584	0.861073	-3.34186	0.000832191	0.023277832
SMIM2.AS1	-3.733199	1.119089	-3.335926	0.000850158	0.023728809
ZBTB20.AS2	-2.659404	0.797666	-3.333983	0.00085612	0.023843499
DOK7	-3.276738	0.98313	-3.332964	0.000859262	0.023876867
ZNF471	-2.85143	0.855671	-3.332392	0.000861029	0.023876867
ZNF57	-2.590116	0.777846	-3.329858	0.000868903	0.0240434
NACC1	-2.002299	0.601525	-3.328707	0.0008725	0.024091108
ATP6V1C2	-3.005478	0.903347	-3.327048	0.000877712	0.024106047
ENSG00000271789	-3.33043	1.001095	-3.326788	0.000878532	0.024106047
HACD1	-3.692228	1.109861	-3.326747	0.000878661	0.024106047



LILRA2	-3.737501	1.123749	-3.325922	0.000881267	0.024126089
BEX5	-3.131982	0.942567	-3.322821	0.000891122	0.024300639
ENSG00000259327	-3.714848	1.118012	-3.322727	0.00089142	0.024300639
AHI1	2.219974	0.668848	3.319099	0.000903085	0.024510479
LY6G5C	-3.360661	1.012545	-3.319024	0.000903327	0.024510479
ENSG00000236559	-3.424284	1.031985	-3.318154	0.000906144	0.024510479
ST3GAL4	-3.457367	1.042012	-3.317972	0.000906737	0.024510479
ABL1	-2.574678	0.77657	-3.315451	0.000914955	0.024680779
ENSG00000259038	-2.722749	0.82168	-3.313638	0.000920906	0.024703184
MYLK3	-3.605337	1.088054	-3.313566	0.000921145	0.024703184
SPON2	-2.768333	0.835485	-3.313444	0.000921546	0.024703184
ZNF610	-2.879164	0.869843	-3.309982	0.000933019	0.024888387
TRAPPC10	-2.220136	0.670791	-3.309727	0.00093387	0.024888387
SELENOI	-2.558563	0.773071	-3.309611	0.000934257	0.024888387
LGALS4	-3.399472	1.028797	-3.304319	0.000952075	0.025256869
ENSG00000272195	-3.517757	1.064603	-3.30429	0.000952173	0.025256869
FRY.AS1	-2.532258	0.766478	-3.303759	0.000953978	0.025256869
PIGZ	-3.400181	1.029519	-3.302688	0.000957629	0.025262942
RNFT2	-2.692514	0.815377	-3.302171	0.000959394	0.025262942
ACSS2	-2.530886	0.766478	-3.301966	0.000960098	0.025262942
FBXL14	-3.613859	1.094872	-3.300715	0.000964387	0.025324024
STX18.AS1	-4.258193	1.290357	-3.300011	0.000966812	0.025331129
ENSG00000266990	-3.549915	1.075979	-3.299242	0.000969463	0.025331129
SLC12A9.AS1	-3.164448	0.959236	-3.298923	0.000970564	0.025331129
UBAP1L	-2.66989	0.810249	-3.295148	0.000983699	0.025621982
IGHV1.24	-3.220389	0.978022	-3.292759	0.000992095	0.025669699
ARHGEF5	-3.584559	1.08868	-3.292574	0.000992749	0.025669699
CDKL5	-2.783422	0.845575	-3.291749	0.000995664	0.025669699
NR4A3	-3.535366	1.074069	-3.291562	0.000996328	0.025669699
CLEC4A	-2.722081	0.827088	-3.291163	0.000997742	0.025669699
C22orf15	-3.366077	1.022903	-3.290709	0.000999352	0.025669699
SMIM11A	-3.736608	1.135731	-3.290046	0.001001712	0.025669699
ENSG00000272990	-2.86761	0.87161	-3.290014	0.001001822	0.025669699
ENSG00000272086	-2.711337	0.824329	-3.289143	0.001004929	0.025669699
RAB33A	-2.565657	0.78022	-3.288376	0.001007673	0.025669699
IFIT1	-3.433522	1.044264	-3.287983	0.00100908	0.025669699
CCDC13	-3.164749	0.962552	-3.287874	0.001009471	0.025669699
ARHGEF40	-3.092842	0.941074	-3.286502	0.001014402	0.025744192
USP31	-2.702913	0.823181	-3.283497	0.001025276	0.025968954
SLC39A11	-2.678219	0.815911	-3.282487	0.001028958	0.025997893
ENSG00000272871	-3.165814	0.964638	-3.281868	0.001031218	0.025997893
MCU	-2.393401	0.729519	-3.280791	0.001035164	0.025997893
MEIG1	-3.465356	1.056339	-3.280535	0.001036105	0.025997893
NR6A1	-2.923138	0.891086	-3.280421	0.001036521	0.025997893
P2RX5	1.089591	0.332212	3.279807	0.00103878	0.026003849
GTF2IRD1	-2.681898	0.818116	-3.278141	0.001044931	0.026102123
DCUN1D3	-3.286731	1.002893	-3.277251	0.00104823	0.026102123

<i>XXYL1</i>	-2.878503	0.878383	-3.277046	0.001048994	0.026102123
<i>EID3</i>	-2.422359	0.7394	-3.276114	0.001052459	0.026102123
<i>CDKL1</i>	-2.850522	0.870183	-3.275774	0.001053727	0.026102123
<i>PSMA8</i>	-4.391236	1.340645	-3.275466	0.001054877	0.026102123
<i>BORCS8.MEF2B</i>	-2.859752	0.873441	-3.27412	0.001059916	0.026176478
<i>TXK</i>	-3.680572	1.124453	-3.273211	0.001063331	0.026210501
<i>ENSG00000261542</i>	-3.380166	1.033256	-3.271374	0.001070263	0.026330917
<i>SOCS6</i>	-3.267891	0.999312	-3.270142	0.001074935	0.026395394
<i>ZBTB42</i>	-3.242272	0.991802	-3.269073	0.001079005	0.026419264
<i>FAM72A</i>	-3.295033	1.008023	-3.268809	0.001080013	0.026419264
<i>ZNF710.AS1</i>	-3.222984	0.986362	-3.267549	0.001084832	0.026438442
<i>ENSG00000259146</i>	-4.189593	1.28219	-3.267529	0.001084907	0.026438442
<i>TMEM44.AS1</i>	-2.928627	0.896745	-3.265842	0.00109139	0.026546157
<i>ZNF41</i>	-2.731861	0.836789	-3.264695	0.001095821	0.026603648
<i>MVB12B</i>	-4.582504	1.404302	-3.26319	0.001101658	0.026694979
<i>MARVELD3</i>	-3.289954	1.008383	-3.262604	0.001103936	0.026699885
<i>CD38</i>	2.363815	0.72464	3.262053	0.001106086	0.026701713
<i>TSSK3</i>	-3.5626	1.092368	-3.261353	0.001108817	0.026717518
<i>PCAT1</i>	-3.286347	1.007908	-3.260561	0.001111919	0.026742172
<i>LINC00449</i>	-3.406443	1.045119	-3.259382	0.001116553	0.026803516
<i>C10orf143</i>	-2.803141	0.86017	-3.258821	0.001118762	0.026806526
<i>ENSG00000245522</i>	-2.661117	0.816765	-3.258118	0.001121538	0.026823107
<i>BACE2</i>	-3.014706	0.925471	-3.257482	0.001124055	0.026833426
<i>ENSG00000226853</i>	-3.773671	1.159872	-3.253523	0.001139833	0.027058412
<i>MORF4L2.AS1</i>	-2.591477	0.796558	-3.253343	0.001140557	0.027058412
<i>CNN3</i>	-1.489094	0.457722	-3.253272	0.001140844	0.027058412
<i>MYO1B</i>	-2.758694	0.848056	-3.252964	0.001142081	0.027058412
<i>SLC29A1</i>	-3.017917	0.92788	-3.252488	0.001143994	0.027058412
<i>ENSG00000268746</i>	-3.745637	1.152828	-3.249086	0.001157763	0.027297985
<i>FGD4</i>	-4.428305	1.363001	-3.248938	0.001158366	0.027297985
<i>KLHL25</i>	-4.326892	1.332429	-3.247372	0.001164759	0.027398451
<i>ENSG00000272750</i>	-2.599531	0.800938	-3.245606	0.001172008	0.027442551
<i>ENSG00000273058</i>	-4.317765	1.330368	-3.245541	0.001172277	0.027442551
<i>PART1</i>	-3.420974	1.054113	-3.245358	0.001173032	0.027442551
<i>KIF5C</i>	-2.820185	0.869194	-3.244596	0.001176173	0.027466087
<i>HIST1H2AE</i>	-2.692967	0.830205	-3.243736	0.001179729	0.027484571
<i>TNK1</i>	-3.287398	1.013574	-3.243373	0.001181236	0.027484571
<i>ENSG00000275672</i>	-2.369997	0.730939	-3.242401	0.001185272	0.027528688
<i>HNRNPA1</i>	0.567499	0.175058	3.24177	0.001187899	0.027539982
<i>C3orf67</i>	-3.541704	1.092821	-3.240882	0.001191605	0.02757618
<i>COL6A3</i>	-3.39679	1.048272	-3.24037	0.001193746	0.02757618
<i>ENSG00000269482</i>	-3.891527	1.201297	-3.239439	0.00119765	0.027616771
<i>CTF1</i>	-3.607046	1.114355	-3.236892	0.001208392	0.027755861
<i>PLSCR3</i>	-3.6174	1.117743	-3.236344	0.001210715	0.027755861
<i>STS</i>	-3.334793	1.030563	-3.235895	0.001212618	0.027755861
<i>ENSG00000177699</i>	-4.555651	1.407939	-3.235688	0.001213498	0.027755861
<i>DLGAP3</i>	-3.306057	1.02187	-3.2353	0.00121515	0.027755861

<i>CDK18</i>	-2.725222	0.84243	-3.234954	0.001216624	0.027755861
<i>METTL6</i>	-1.881308	0.581672	-3.23431	0.00121937	0.027769269
<i>ZNF850</i>	-2.825405	0.874339	-3.231475	0.00123153	0.027996646
<i>CYP27A1</i>	-4.813277	1.490325	-3.229682	0.001239278	0.028077135
<i>CENPE</i>	-3.723183	1.152814	-3.229646	0.001239435	0.028077135
<i>ENSG00000240291</i>	-2.687229	0.832199	-3.229073	0.001241924	0.028084065
<i>FRAT1</i>	-3.69321	1.144013	-3.228294	0.001245309	0.028086187
<i>C2CD2L</i>	-2.978174	0.922593	-3.228047	0.001246383	0.028086187
<i>ENSG00000272941</i>	-2.531636	0.784407	-3.227454	0.001248971	0.0280953
<i>ENSG00000273271</i>	-3.192374	0.989627	-3.225837	0.001256048	0.02818437
<i>PLCH2</i>	-3.593441	1.114055	-3.225549	0.001257312	0.02818437
<i>ENSG00000255455</i>	-3.411417	1.057918	-3.224653	0.001261254	0.028195179
<i>ENSG00000239407</i>	-3.713598	1.151719	-3.224395	0.001262391	0.028195179
<i>CRX</i>	-3.204929	0.994154	-3.223775	0.001265129	0.028195179
<i>SMIM10</i>	-3.299909	1.023723	-3.223439	0.001266612	0.028195179
<i>LINC02361</i>	-2.756593	0.8553	-3.222956	0.00126875	0.028195179
<i>SLC49A4</i>	-2.663981	0.827114	-3.220813	0.001278276	0.028322455
<i>SLC9A6</i>	-2.65395	0.824035	-3.220677	0.00127888	0.028322455
<i>ENSG00000260625</i>	-3.462847	1.076133	-3.217861	0.001291504	0.02850521
<i>LIX1L.AS1</i>	-2.668424	0.829257	-3.217848	0.001291563	0.02850521
<i>IPO13</i>	-2.46656	0.76674	-3.216943	0.001295642	0.028510616
<i>ALG9</i>	-2.496164	0.775975	-3.216811	0.001296239	0.028510616
<i>FCSK</i>	-2.655909	0.825894	-3.215798	0.001300825	0.028562661
<i>DNAH14</i>	-3.137733	0.975979	-3.214959	0.00130463	0.028597394
<i>BMPR1A</i>	-2.926079	0.910516	-3.213649	0.001310596	0.028649867
<i>KANK2</i>	-3.56335	1.108884	-3.213456	0.001311477	0.028649867
<i>ASRGL1</i>	-3.943349	1.227324	-3.212964	0.001313729	0.028650424
<i>ZNF577</i>	-2.467969	0.768442	-3.211651	0.001319748	0.028732992
<i>SLC16A13</i>	-2.106497	0.656204	-3.210124	0.001326778	0.028837257
<i>PLCD1</i>	-2.840358	0.884958	-3.209596	0.001329217	0.028841553
<i>ENSG00000273289</i>	-3.330307	1.038058	-3.20821	0.00133564	0.028932111
<i>ENSG00000242282</i>	-2.601608	0.811319	-3.206641	0.001342945	0.028984954
<i>ZBTB8A</i>	-2.561067	0.798731	-3.206422	0.001343967	0.028984954
<i>MBLAC2</i>	-2.581746	0.805338	-3.205791	0.001346917	0.028984954
<i>AMACR</i>	-2.772297	0.864788	-3.205754	0.00134709	0.028984954
<i>ENSG00000271971</i>	-2.8512	0.889725	-3.204584	0.001352577	0.029017126
<i>ARHGEF39</i>	-3.218791	1.004636	-3.203937	0.001355624	0.029017126
<i>SULT1A1</i>	-3.536972	1.103973	-3.203857	0.001355999	0.029017126
<i>ENSG00000184441</i>	-3.5364	1.104054	-3.203104	0.001359549	0.029017126
<i>ENSG00000261353</i>	-3.449319	1.07689	-3.203038	0.001359861	0.029017126
<i>MAP4K3</i>	-2.833783	0.884855	-3.202538	0.001362222	0.029019397
<i>TRAM2.AS1</i>	-2.463629	0.769666	-3.200906	0.001369961	0.029091546
<i>RBFADN</i>	-3.455083	1.079491	-3.20066	0.00137113	0.029091546
<i>OSBPL1A</i>	-2.623251	0.81975	-3.200064	0.001373971	0.029091546
<i>ENSG00000256633</i>	-4.158213	1.299713	-3.199331	0.001377467	0.029091546
<i>ENSG00000228395</i>	-3.324904	1.03948	-3.198623	0.001380858	0.029091546
<i>ENSG00000262222</i>	-2.550457	0.797443	-3.198295	0.001382429	0.029091546

<i>CCDC24</i>	-2.830599	0.885056	-3.198216	0.001382805	0.029091546
<i>BORCS8</i>	-1.598538	0.499851	-3.19803	0.001383697	0.029091546
<i>ENSG00000267698</i>	-3.548699	1.110317	-3.196114	0.001392921	0.029186276
<i>ENSG00000279081</i>	-2.67103	0.835816	-3.195716	0.001394844	0.029186276
<i>PDLIM2</i>	-1.717535	0.537455	-3.195682	0.001395007	0.029186276
<i>SGCB</i>	-2.19169	0.686496	-3.192576	0.001410098	0.029454107
<i>UPB1</i>	-3.188169	0.998839	-3.191876	0.00141352	0.029477742
<i>FNTB</i>	-2.595851	0.813536	-3.190824	0.001418677	0.029526241
<i>AMPD2</i>	-2.146233	0.672746	-3.19026	0.001421448	0.029526241
<i>ENSG00000235978</i>	-3.473085	1.088741	-3.19	0.00142273	0.029526241
<i>SAXO2</i>	-4.182969	1.312479	-3.187076	0.001437192	0.029778347
<i>ENSG00000259959</i>	-3.629273	1.138971	-3.186448	0.001440312	0.029795008
<i>CA3.AS1</i>	-3.729472	1.170773	-3.185477	0.001445154	0.029847179
<i>TBC1D8B</i>	-2.579711	0.810084	-3.184497	0.001450057	0.029849431
<i>TP53INP2</i>	-3.238391	1.016944	-3.184435	0.00145037	0.029849431
<i>PLP2</i>	-0.862914	0.27101	-3.184065	0.001452222	0.029849431
<i>PRR11</i>	-3.241987	1.018503	-3.183089	0.001457127	0.029902472
<i>ZNF438</i>	-2.485999	0.781195	-3.182302	0.001461092	0.029936094
<i>PHKB</i>	2.170914	0.682285	3.18183	0.001463476	0.029937273
<i>HLX</i>	-2.494917	0.784313	-3.181023	0.00146756	0.029937805
<i>CD5</i>	-2.690642	0.845975	-3.180522	0.0014701	0.029937805
<i>NRL</i>	-2.856248	0.898143	-3.180171	0.001471879	0.029937805
<i>ENSG00000261140</i>	-3.534467	1.111472	-3.179989	0.001472809	0.029937805
<i>ACVR2B</i>	-3.402902	1.070314	-3.179349	0.001476061	0.029956586
<i>ENSG00000227896</i>	-3.630343	1.142303	-3.178092	0.001482478	0.029976508
<i>INTS8</i>	-1.576284	0.496052	-3.17766	0.00148469	0.029976508
<i>ENSG00000278740</i>	-3.363382	1.05856	-3.177317	0.001486443	0.029976508
<i>HEATR4</i>	-3.406248	1.072195	-3.176892	0.001488623	0.029976508
<i>XXYL1.AS2</i>	-2.690836	0.847006	-3.176879	0.001488691	0.029976508
<i>ENSG00000260572</i>	-3.372103	1.061797	-3.175844	0.001494014	0.03003669
<i>TMPRSS13</i>	-3.241814	1.020995	-3.175151	0.001497585	0.030061514
<i>WNT7B</i>	-3.870993	1.219642	-3.173875	0.001504183	0.030070781
<i>FOXP4</i>	-2.109524	0.664685	-3.173719	0.001504992	0.030070781
<i>LINC00526</i>	-2.152924	0.678363	-3.173706	0.001505058	0.030070781
<i>PIP5KL1</i>	-3.75477	1.183354	-3.17299	0.001508775	0.0300983
<i>ABHD1</i>	-3.190382	1.005634	-3.172507	0.001511291	0.030101823
<i>TTLL11</i>	-3.329322	1.050177	-3.170247	0.001523093	0.030290003
<i>ENSG00000254777</i>	-4.287254	1.352559	-3.169735	0.001525783	0.030296677
<i>MTHFD1L</i>	-2.49467	0.78741	-3.168196	0.001533879	0.030335505
<i>SGSM1</i>	-3.643091	1.15007	-3.167714	0.001536428	0.030335505
<i>PSAT1</i>	-3.667438	1.157793	-3.167612	0.001536965	0.030335505
<i>ENSG00000226822</i>	-4.358374	1.376036	-3.167341	0.001538398	0.030335505
<i>ENSG00000175773</i>	-3.843078	1.213427	-3.167128	0.001539526	0.030335505
<i>ENSG00000244733</i>	-4.190713	1.323423	-3.166572	0.001542473	0.030344363
<i>ENSG00000267213</i>	-4.227128	1.335099	-3.166154	0.001544692	0.030344363
<i>HAP1</i>	-4.041583	1.27703	-3.16483	0.001551737	0.030436288
<i>ITPRIPL2</i>	-3.367078	1.064071	-3.164334	0.001554381	0.030441738

<i>CAPS2</i>	-3.395141	1.073109	-3.163836	0.001557045	0.030447568
<i>NRAV</i>	-2.629968	0.831394	-3.163325	0.001559782	0.030454805
<i>ENSG00000250222</i>	-2.641577	0.83535	-3.162239	0.001565609	0.030522259
<i>GGT1</i>	-3.670505	1.16133	-3.160605	0.001574417	0.030551463
<i>C9orf40</i>	-2.408985	0.762364	-3.159888	0.001578297	0.030551463
<i>ENSG00000223969</i>	-3.399637	1.076025	-3.15944	0.001580725	0.030551463
<i>ITIH4</i>	-4.04646	1.280796	-3.159332	0.001581312	0.030551463
<i>ENSG00000273456</i>	-2.643123	0.836609	-3.15933	0.001581321	0.030551463
<i>KNTC1</i>	-2.323535	0.735453	-3.159324	0.001581353	0.030551463
<i>ZMIZ1</i>	-2.254543	0.713894	-3.158091	0.001588062	0.030563108
<i>MAFF</i>	-2.756849	0.873029	-3.157797	0.001589661	0.030563108
<i>SLC5A10</i>	-3.335722	1.056414	-3.157591	0.001590788	0.030563108
<i>UBXN6</i>	-1.140686	0.361266	-3.157468	0.001591457	0.030563108
<i>SYNPO</i>	-3.125293	0.989969	-3.15696	0.001594231	0.030570742
<i>HMMR</i>	-4.092758	1.297084	-3.155354	0.001603036	0.030693844
<i>ENSG00000181097</i>	-3.177751	1.007524	-3.154022	0.001610371	0.030720727
<i>ENSG00000272817</i>	-2.923508	0.926944	-3.15392	0.001610934	0.030720727
<i>FBXL16</i>	-3.857846	1.223238	-3.153799	0.001611603	0.030720727
<i>POLE2</i>	-2.776395	0.880717	-3.152425	0.001619201	0.030819918
<i>MMACHC</i>	-3.264064	1.035651	-3.151702	0.001623217	0.030839888
<i>ENSG00000241764</i>	-2.518323	0.799221	-3.150972	0.001627279	0.030839888
<i>TPH1</i>	-3.935287	1.248923	-3.150943	0.001627441	0.030839888
<i>LMLN</i>	-3.157279	1.002423	-3.149649	0.00163467	0.030931318
<i>ENSG00000248559</i>	-2.144734	0.681303	-3.147989	0.001643977	0.03102509
<i>PROCR</i>	-3.936329	1.25047	-3.147879	0.001644597	0.03102509
<i>USP27X.AS1</i>	-3.765597	1.196386	-3.147477	0.001646859	0.03102509
<i>CAMK4</i>	-4.019583	1.277559	-3.146301	0.001653499	0.031104637
<i>ENSG00000273117</i>	-3.295257	1.047709	-3.145202	0.001659723	0.031165225
<i>ENSG00000256116</i>	-4.110927	1.307182	-3.144877	0.001661564	0.031165225
<i>NKAPL</i>	-2.953062	0.939362	-3.14369	0.00166832	0.031207698
<i>EDN1</i>	-4.042754	1.286016	-3.143627	0.001668679	0.031207698
<i>ENSG00000254452</i>	-3.856862	1.22713	-3.142994	0.001672295	0.031229921
<i>TCAP</i>	-3.288011	1.046289	-3.142546	0.001674853	0.031232358
<i>ENSG00000174171</i>	-3.716082	1.182719	-3.141982	0.001678081	0.031233876
<i>ZNF726</i>	-2.472035	0.786976	-3.141182	0.001682672	0.031233876
<i>LINC01550</i>	-3.387971	1.078623	-3.141014	0.001683638	0.031233876
<i>POGLUT3</i>	-2.880948	0.917254	-3.140839	0.001684644	0.031233876
<i>BAIAP2.DT</i>	-3.796033	1.208905	-3.140058	0.001689142	0.031253258
<i>KIAA0391</i>	-3.810944	1.213782	-3.139728	0.001691046	0.031253258
<i>GSTM3</i>	-3.70896	1.181567	-3.139017	0.001695154	0.031253258
<i>NRSN2</i>	-2.410987	0.768301	-3.138077	0.001700599	0.031253258
<i>LINC01963</i>	-3.854619	1.22839	-3.137945	0.00170137	0.031253258
<i>WNT2B</i>	-2.346928	0.747919	-3.137944	0.001701371	0.031253258
<i>KIF21B</i>	-2.625472	0.836746	-3.137717	0.001702692	0.031253258
<i>ENSG00000229178</i>	-2.979573	0.949854	-3.136874	0.001707593	0.031298565
<i>MAS1</i>	-4.024431	1.283417	-3.135716	0.001714352	0.031366383
<i>SPDYE3</i>	-3.679669	1.174046	-3.134177	0.00172337	0.031366383

<i>STKLD1</i>	-3.581791	1.142841	-3.134111	0.001723756	0.031366383
<i>SLC25A10</i>	-3.116064	0.994386	-3.133656	0.00172643	0.031366383
<i>BHLHE40.AS1</i>	-3.817399	1.218252	-3.133506	0.001727312	0.031366383
<i>USP51</i>	-2.70076	0.86217	-3.132517	0.001733147	0.031366383
<i>SLC22A18</i>	-2.613754	0.834412	-3.132452	0.001733527	0.031366383
<i>ACVR1</i>	-2.57669	0.822606	-3.13235	0.001734132	0.031366383
<i>ENSG00000232347</i>	-3.062643	0.977759	-3.132307	0.001734384	0.031366383
<i>RAB11FIP5</i>	-2.877695	0.918778	-3.132089	0.00173567	0.031366383
<i>NECTIN1</i>	-3.315639	1.059253	-3.130169	0.001747058	0.03144716
<i>FBXO36</i>	-3.697562	1.181515	-3.129509	0.001750986	0.03144716
<i>ENSG00000215022</i>	-3.59168	1.147969	-3.128725	0.001755667	0.03144716
<i>AMBRA1</i>	-2.499262	0.798921	-3.128297	0.001758225	0.03144716
<i>LY9</i>	-1.434643	0.458694	-3.12767	0.001761978	0.03144716
<i>TLE2</i>	-3.853073	1.23213	-3.127165	0.001765007	0.03144716
<i>ANKRD50</i>	-3.848943	1.230835	-3.127099	0.001765407	0.03144716
<i>ENSG00000273199</i>	-2.446917	0.782594	-3.126673	0.001767962	0.03144716
<i>OSM</i>	-3.291731	1.052908	-3.126325	0.001770058	0.03144716
<i>POLN</i>	-3.398434	1.087088	-3.126181	0.001770927	0.03144716
<i>ENSG00000259407</i>	-4.041831	1.292935	-3.12609	0.001771473	0.03144716
<i>C11orf65</i>	-3.886708	1.243541	-3.125516	0.001774933	0.03144716
<i>CRYL1</i>	-2.166704	0.693242	-3.125465	0.001775244	0.03144716
<i>C2orf15</i>	-2.650817	0.848202	-3.125218	0.001776734	0.03144716
<i>ZNF492</i>	-3.117531	0.997604	-3.125018	0.00177794	0.03144716
<i>LINC01806</i>	-4.177491	1.336982	-3.124568	0.001780664	0.03144716
<i>MTF1</i>	-1.636604	0.523834	-3.124278	0.001782419	0.03144716
<i>CORO2A</i>	-2.516519	0.805545	-3.123995	0.001784132	0.03144716
<i>LOR</i>	-3.569483	1.142966	-3.122999	0.001790181	0.031458384
<i>POLR3G</i>	-3.812949	1.221059	-3.122657	0.001792263	0.031458384
<i>ENSG00000250155</i>	-3.375344	1.081448	-3.121133	0.001801567	0.031458384
<i>ZNF300</i>	-2.830044	0.906779	-3.120987	0.001802463	0.031458384
<i>KREMEN1</i>	-3.185174	1.02064	-3.120762	0.001803836	0.031458384
<i>ZGRF1</i>	-2.53478	0.812265	-3.120631	0.001804641	0.031458384
<i>NEURL1</i>	-3.873088	1.241478	-3.119739	0.001810115	0.031458384
<i>SOBP</i>	-4.099371	1.314163	-3.119378	0.001812333	0.031458384
<i>KCNH4</i>	-3.435688	1.101489	-3.11913	0.001813858	0.031458384
<i>KIF9.AS1</i>	-3.558305	1.140872	-3.118934	0.001815063	0.031458384
<i>LINC01521</i>	-3.047839	0.977237	-3.118834	0.001815681	0.031458384
<i>ENSG00000276131</i>	-3.7968	1.217445	-3.118662	0.00181674	0.031458384
<i>C14orf132</i>	-3.863501	1.238913	-3.118459	0.001817994	0.031458384
<i>CNKSR3</i>	-3.474014	1.114074	-3.118296	0.001818997	0.031458384
<i>CACNA1C.AS2</i>	-4.152247	1.332223	-3.11678	0.001828378	0.031553075
<i>TUBB4A</i>	-3.748202	1.20265	-3.116619	0.001829377	0.031553075
<i>ENSG00000275454</i>	-2.594935	0.833471	-3.113407	0.001849405	0.031855823
<i>CHRNA10</i>	-3.528965	1.134522	-3.110531	0.001867515	0.032082555
<i>RBPM5</i>	-3.234352	1.040267	-3.109157	0.001876218	0.032082555
<i>NAP1L5</i>	-2.996347	0.96373	-3.109114	0.001876495	0.032082555
<i>FASTKD5</i>	-1.962821	0.631447	-3.108451	0.001880707	0.032082555

<i>ADAMDEC1</i>	-4.010105	1.290275	-3.107946	0.001883925	0.032082555
<i>WARS2.AS1</i>	-2.817413	0.906541	-3.107871	0.001884404	0.032082555
<i>ENSG00000267309</i>	-3.936455	1.266633	-3.10781	0.001884794	0.032082555
<i>ENSG00000277283</i>	-2.31087	0.743595	-3.107701	0.001885484	0.032082555
<i>RAP1GAP2</i>	-4.194106	1.349956	-3.106847	0.00189094	0.032082555
<i>FAM174B</i>	-2.931478	0.94365	-3.106532	0.001892959	0.032082555
<i>KLHL11</i>	-3.831711	1.233568	-3.106203	0.001895067	0.032082555
<i>MCM4</i>	-2.429717	0.782215	-3.1062	0.001895082	0.032082555
<i>LRRC29</i>	-2.998494	0.965536	-3.105522	0.001899432	0.032082555
<i>DPY19L4</i>	-2.362026	0.760652	-3.105263	0.001901098	0.032082555
<i>ENSG00000260276</i>	-3.507886	1.129703	-3.105139	0.001901896	0.032082555
<i>PYGM</i>	-2.809763	0.905146	-3.104212	0.001907868	0.032082555
<i>ZNF674</i>	-2.933958	0.94518	-3.104125	0.001908428	0.032082555
<i>DRAM1</i>	-1.935519	0.623643	-3.10357	0.00191201	0.032082555
<i>GLS2</i>	-3.189181	1.027678	-3.103289	0.001913826	0.032082555
<i>ENSG00000274315</i>	-3.142751	1.012844	-3.102896	0.001916367	0.032082555
<i>ENSG00000269929</i>	-3.593978	1.158311	-3.102773	0.001917166	0.032082555
<i>PRELID2</i>	-2.527116	0.814481	-3.102733	0.001917423	0.032082555
<i>DISP2</i>	-3.139046	1.011842	-3.102309	0.001920176	0.032086881
<i>VANGL2</i>	-3.354456	1.082078	-3.100014	0.001935116	0.032107808
<i>RPS10P7</i>	-2.548739	0.822216	-3.099841	0.001936242	0.032107808
<i>ENSG00000267226</i>	-3.668338	1.1836	-3.099304	0.001939758	0.032107808
<i>DNM3</i>	-2.846744	0.918532	-3.099232	0.00194023	0.032107808
<i>ANKRD23</i>	-3.359365	1.083993	-3.099064	0.001941328	0.032107808
<i>ZNF440</i>	-2.227863	0.718888	-3.09904	0.001941491	0.032107808
<i>ENSG00000269226</i>	-3.34363	1.079087	-3.098572	0.001944556	0.032107808
<i>ENSG00000276216</i>	-3.326284	1.073567	-3.098347	0.001946036	0.032107808
<i>ENSG00000239791</i>	-3.577288	1.154598	-3.098298	0.001946359	0.032107808
<i>ENSG00000254837</i>	-2.609706	0.842334	-3.098183	0.001947111	0.032107808
<i>OR2A1.AS1</i>	-2.525554	0.81538	-3.097395	0.001952296	0.032107808
<i>ENSG00000268836</i>	-3.784681	1.222023	-3.097063	0.001954485	0.032107808
<i>ERBB2</i>	-2.845371	0.918836	-3.096713	0.001956791	0.032107808
<i>EFCAB7</i>	-2.173704	0.70196	-3.09662	0.001957406	0.032107808
<i>RMC1</i>	-1.646809	0.531846	-3.0964	0.001958858	0.032107808
<i>CISD1</i>	-1.279855	0.413394	-3.095964	0.00196174	0.032114136
<i>NT5DC4</i>	-3.238852	1.046359	-3.095353	0.001965785	0.032139465
<i>PAM16</i>	-3.206018	1.035878	-3.094975	0.001968292	0.032139608
<i>TMEM254.AS1</i>	-3.5232	1.1391	-3.092967	0.00198166	0.032201624
<i>ORC6</i>	-2.310332	0.746965	-3.092959	0.001981713	0.032201624
<i>ENSG00000276791</i>	-3.676214	1.188575	-3.092958	0.001981722	0.032201624
<i>CCDC136</i>	-2.984403	0.96492	-3.092901	0.0019821	0.032201624
<i>ZNF630</i>	-2.856833	0.923869	-3.092248	0.001986466	0.03223185
<i>MAP2K6</i>	-2.905586	0.93999	-3.091083	0.00199428	0.032317886
<i>ITPR1.DT</i>	-3.255172	1.053221	-3.090683	0.001996967	0.032320717
<i>GNA11</i>	-2.844184	0.920514	-3.089779	0.002003056	0.032369376
<i>ZSCAN20</i>	-3.426709	1.109263	-3.089177	0.00200712	0.032369376
<i>DOCK6</i>	-3.105296	1.005237	-3.089118	0.00200752	0.032369376

<i>RIMS3</i>	-3.763639	1.218564	-3.088586	0.002011116	0.032382558
<i>TGM2</i>	-3.343834	1.082795	-3.088152	0.002014054	0.032382558
<i>EEF1AKMT3</i>	-4.048325	1.311036	-3.087882	0.002015888	0.032382558
<i>FSD2</i>	-3.8455	1.245609	-3.087246	0.002020206	0.03241146
<i>ENSG00000237976</i>	-2.236498	0.724784	-3.085746	0.002030425	0.032503669
<i>PCOTH</i>	-3.990069	1.293101	-3.085661	0.002031006	0.032503669
<i>RPA4</i>	-2.852244	0.925416	-3.082119	0.002055324	0.03274388
<i>ENSG00000232698</i>	-3.36851	1.092936	-3.082076	0.002055623	0.03274388
<i>STK4</i>	-0.653587	0.212077	-3.081834	0.002057294	0.03274388
<i>KDM8</i>	-2.48971	0.807878	-3.081791	0.002057595	0.03274388
<i>NPIP13</i>	-3.212262	1.042513	-3.081268	0.002061208	0.03274388
<i>NPR2</i>	-3.768583	1.223067	-3.081257	0.002061284	0.03274388
<i>SNX15</i>	-2.514764	0.81634	-3.080533	0.002066301	0.032747506
<i>ENSG00000272913</i>	-3.001542	0.974477	-3.080157	0.002068913	0.032747506
<i>MROH8</i>	-3.073152	0.997736	-3.080124	0.002069148	0.032747506
<i>ACSM1</i>	-2.673816	0.868197	-3.079734	0.002071859	0.032750133
<i>ENSG00000260285</i>	-3.83416	1.245254	-3.079018	0.002076838	0.032788557
<i>MIR4453HG</i>	-1.998438	0.649344	-3.077628	0.002086555	0.032801894
<i>TMEM104</i>	-3.029592	0.984552	-3.077126	0.002090068	0.032801894
<i>IGFBP4</i>	-2.658555	0.864004	-3.077018	0.002090825	0.032801894
<i>AP4B1.AS1</i>	-3.010317	0.978352	-3.076925	0.002091476	0.032801894
<i>ENSG00000259071</i>	-3.530101	1.147316	-3.076833	0.002092126	0.032801894
<i>ENSG00000267731</i>	-4.091151	1.329753	-3.076624	0.002093589	0.032801894
<i>TRIP13</i>	-3.031726	0.985495	-3.076348	0.002095528	0.032801894
<i>FSTL3</i>	-2.639375	0.858126	-3.075742	0.002099794	0.032828738
<i>ZNF572</i>	-2.841979	0.924276	-3.074816	0.002106326	0.032890895
<i>CHCHD4</i>	-1.826911	0.594375	-3.073668	0.002114447	0.032977683
<i>ENSG00000236266</i>	-4.84097	1.575424	-3.072805	0.00212057	0.03298794
<i>SCARB1</i>	-3.632663	1.182257	-3.07265	0.002121674	0.03298794
<i>LINC02132</i>	-3.02804	0.985618	-3.072227	0.002124684	0.03298794
<i>KHDRBS3</i>	-3.798935	1.236648	-3.071961	0.002126573	0.03298794
<i>FANCC</i>	-2.918899	0.950233	-3.071772	0.002127923	0.03298794
<i>BAG3</i>	-3.99269	1.300483	-3.07016	0.002139444	0.033126619
<i>ENSG00000254615</i>	-2.43037	0.792029	-3.068534	0.002151115	0.033267307
<i>EIF2S3B</i>	-3.139777	1.02356	-3.067506	0.00215853	0.0333419
<i>ENSG00000234694</i>	-2.853229	0.930286	-3.067047	0.00216185	0.033353149
<i>ENSG00000248544</i>	-2.90612	0.947798	-3.066181	0.002168122	0.033371621
<i>CLBA1</i>	-3.093126	1.008802	-3.066138	0.002168432	0.033371621
<i>ENSG00000270589</i>	-3.778253	1.232485	-3.065557	0.002172649	0.033371621
<i>DYNC2H1</i>	-3.014958	0.98381	-3.064572	0.002179819	0.033371621
<i>LRRC46</i>	-3.828617	1.249503	-3.064111	0.002183177	0.033371621
<i>C3orf14</i>	-2.884141	0.941285	-3.064045	0.002183662	0.033371621
<i>PPM1J</i>	-3.896755	1.271845	-3.063861	0.002185003	0.033371621
<i>CFAP45</i>	-4.123587	1.346085	-3.063392	0.002188429	0.033371621
<i>ENSG00000272323</i>	-2.936333	0.9586	-3.063147	0.002190224	0.033371621
<i>DACT1</i>	-3.872347	1.264179	-3.063131	0.00219034	0.033371621
<i>ENSG00000270091</i>	-3.124602	1.020228	-3.062651	0.002193855	0.033371621



<i>PPIAL4G</i>	-2.412978	0.787936	-3.062402	0.002195687	0.033371621
<i>RNLS</i>	-3.000897	0.980012	-3.062103	0.00219788	0.033371621
<i>ENSG00000253704</i>	-3.942453	1.287583	-3.061902	0.002199358	0.033371621
<i>LINC00525</i>	-4.041583	1.320233	-3.061265	0.002204038	0.033403254
<i>ENSG00000275418</i>	-3.99256	1.304918	-3.059624	0.002216148	0.033459292
<i>ASB16</i>	-3.98089	1.301131	-3.059561	0.002216615	0.033459292
<i>ENSG00000267281</i>	-3.805913	1.244013	-3.059384	0.002217926	0.033459292
<i>ENSG00000232748</i>	-3.44328	1.125492	-3.059356	0.002218138	0.033459292
<i>ANKS6</i>	-3.316957	1.084596	-3.058243	0.002226388	0.033538695
<i>SLC38A11</i>	-3.392451	1.109443	-3.057796	0.002229717	0.033538695
<i>ENSG00000250541</i>	-3.977212	1.300794	-3.057526	0.002231723	0.033538695
<i>LINC00863</i>	-2.994742	0.97956	-3.057232	0.002233909	0.033538695
<i>NSMCE1.DT</i>	-3.0141	0.986017	-3.056842	0.002236822	0.033538695
<i>ENSG00000237596</i>	-3.100497	1.014514	-3.056139	0.002242071	0.033538695
<i>LAT</i>	-2.535317	0.829618	-3.056006	0.002243064	0.033538695
<i>LRRC37A3</i>	-3.11424	1.019109	-3.055847	0.002244254	0.033538695
<i>TMEM9B.AS1</i>	-2.958333	0.968531	-3.054454	0.002254705	0.033655784
<i>FUT4</i>	-3.818363	1.25058	-3.053275	0.002263586	0.033684844
<i>PIF1</i>	-4.067583	1.332237	-3.053197	0.002264174	0.033684844
<i>USP18</i>	-3.092165	1.012778	-3.053153	0.002264505	0.033684844
<i>FOXRED2</i>	-2.500383	0.819112	-3.052554	0.002269029	0.033713153
<i>LINC01569</i>	-2.944353	0.964902	-3.051452	0.002277373	0.033792458
<i>ZNF490</i>	-3.158572	1.035242	-3.051047	0.002280449	0.033792458
<i>PET117</i>	-1.552173	0.508858	-3.050306	0.002286084	0.033792458
<i>ENSG00000236723</i>	-3.539753	1.160491	-3.050219	0.002286746	0.033792458
<i>LSINCT5</i>	-3.162202	1.036747	-3.05012	0.002287498	0.033792458
<i>ENSG00000269514</i>	-2.805407	0.920125	-3.048941	0.002296492	0.033826937
<i>ENSG00000259536</i>	-3.711993	1.217513	-3.048832	0.002297333	0.033826937
<i>ENSG00000278831</i>	-4.898547	1.606956	-3.048338	0.002301107	0.033826937
<i>TMEM237</i>	-2.83857	0.931261	-3.048093	0.002302983	0.033826937
<i>TMEM170B</i>	-3.107723	1.019637	-3.047872	0.002304682	0.033826937
<i>PEX12</i>	-2.92952	0.961328	-3.047366	0.002308564	0.033826937
<i>ENSG00000274828</i>	-2.982916	0.97891	-3.04718	0.002309993	0.033826937
<i>RABL2A</i>	-1.717889	0.563785	-3.047067	0.002310863	0.033826937
<i>FAM229A</i>	-2.250589	0.738792	-3.046311	0.002316682	0.03387357
<i>POLR2D</i>	-1.38385	0.454533	-3.044555	0.002330249	0.034002458
<i>TPM2</i>	-3.96528	1.30265	-3.04401	0.002334473	0.034002458
<i>DUSP2</i>	-2.86773	0.942118	-3.043918	0.002335189	0.034002458
<i>TBX6</i>	-2.518735	0.827559	-3.043572	0.002337875	0.034002458
<i>KIAA1324</i>	-3.243305	1.065662	-3.043465	0.002338709	0.034002458
<i>PANX1</i>	-2.698995	0.887107	-3.042468	0.002346469	0.034018674
<i>TSSK6</i>	-4.492856	1.47679	-3.042313	0.002347676	0.034018674
<i>HSD17B1</i>	-2.421345	0.796033	-3.041765	0.002351953	0.034018674
<i>ENSG00000273576</i>	-2.647559	0.870442	-3.041627	0.002353029	0.034018674
<i>ENSG00000275464</i>	-2.38512	0.784268	-3.041207	0.002356322	0.034018674
<i>RCAN1</i>	-4.080121	1.341622	-3.041185	0.002356491	0.034018674
<i>ENSG00000272909</i>	-3.95136	1.299384	-3.04095	0.002358332	0.034018674

<i>HESX1</i>	-3.345385	1.100552	-3.039734	0.002367869	0.034106513
<i>ENSG00000273619</i>	-3.397631	1.117826	-3.039499	0.002369723	0.034106513
<i>ENSG00000272444</i>	-4.357968	1.434115	-3.038787	0.002375331	0.034127594
<i>ENSG00000268129</i>	-3.087355	1.016156	-3.038269	0.002379411	0.034127594
<i>IGLV6.57</i>	-2.977575	0.980156	-3.037857	0.002382671	0.034127594
<i>TPST1</i>	-2.338146	0.769695	-3.037757	0.002383461	0.034127594
<i>ENSG00000267834</i>	-3.828061	1.260235	-3.037577	0.002384881	0.034127594
<i>WIPI1</i>	-2.089354	0.687933	-3.037148	0.002388285	0.034127594
<i>WFS1</i>	-3.05988	1.007546	-3.036962	0.002389754	0.034127594
<i>ENSG00000250132</i>	-2.944129	0.96955	-3.036592	0.002392691	0.034131662
<i>ENSG00000235119</i>	-2.488936	0.820046	-3.035119	0.002404412	0.034137536
<i>ENSG00000212939</i>	-2.135478	0.703629	-3.03495	0.002405755	0.034137536
<i>ENSG00000090932</i>	-3.295496	1.085884	-3.034851	0.002406542	0.034137536
<i>FYCO1</i>	-2.421996	0.798073	-3.034806	0.002406907	0.034137536
<i>DOCK9.DT</i>	-3.223791	1.062288	-3.034763	0.002407247	0.034137536
<i>ZHX1.C8orf76</i>	-2.285563	0.753332	-3.033938	0.002413837	0.034137536
<i>ATP6V1F</i>	-0.690871	0.227716	-3.033912	0.002414048	0.034137536
<i>KCNMB1</i>	-3.220598	1.061742	-3.033315	0.002418827	0.034137536
<i>ENSG00000275807</i>	-3.920791	1.292615	-3.033224	0.002419559	0.034137536
<i>ZNF575</i>	-2.870155	0.946242	-3.033215	0.002419634	0.034137536
<i>ZNF624</i>	-2.646696	0.872799	-3.032423	0.002425993	0.034146257
<i>CDCA8</i>	-3.032904	1.000303	-3.031986	0.002429502	0.034146257
<i>POPDC2</i>	-3.119738	1.028969	-3.031907	0.002430142	0.034146257
<i>TRIP6</i>	-1.847748	0.609452	-3.031817	0.002430867	0.034146257
<i>ZWINT</i>	-3.105726	1.024519	-3.031399	0.00243423	0.034156208
<i>FAM81A</i>	-3.161264	1.043332	-3.029969	0.002445785	0.034213544
<i>P2RX7</i>	-2.601473	0.858648	-3.029732	0.002447708	0.034213544
<i>VN1R1</i>	-2.55753	0.844215	-3.029477	0.002449777	0.034213544
<i>TMEM181</i>	-2.208907	0.729244	-3.029039	0.002453333	0.034213544
<i>ENSG00000223653</i>	-2.783425	0.919012	-3.028714	0.002455973	0.034213544
<i>ENSG00000272367</i>	-2.998019	0.989999	-3.028304	0.002459306	0.034213544
<i>SSX2IP</i>	-2.296127	0.758253	-3.028183	0.002460293	0.034213544
<i>ENSG00000256325</i>	-2.913154	0.962272	-3.027369	0.002466925	0.034213544
<i>CEACAM21</i>	-1.966064	0.649463	-3.027214	0.002468189	0.034213544
<i>ENSG00000229127</i>	-3.023658	0.998928	-3.026902	0.002470738	0.034213544
<i>ENSG00000257120</i>	-4.03744	1.333872	-3.026857	0.002471111	0.034213544
<i>SLC29A3</i>	-2.576617	0.851284	-3.026741	0.002472059	0.034213544
<i>PTOV1.AS1</i>	-4.126736	1.363494	-3.026589	0.002473302	0.034213544
<i>CHRNA6</i>	-4.060021	1.341573	-3.026315	0.002475543	0.034213544
<i>C3orf52</i>	-2.878639	0.951541	-3.025238	0.002484373	0.034298736
<i>ITPK1.AS1</i>	-3.323471	1.098832	-3.024549	0.002490042	0.034321507
<i>C15orf48</i>	-4.601991	1.521626	-3.024389	0.002491357	0.034321507
<i>MEIOC</i>	-3.823414	1.264516	-3.023619	0.002497709	0.034372211
<i>KIAA0825</i>	-3.638561	1.203607	-3.023048	0.002502425	0.034400325
<i>SSPN</i>	-3.179614	1.052162	-3.021982	0.002511258	0.034482592
<i>HEXA.AS1</i>	-3.823935	1.2655	-3.021679	0.002513769	0.034482592
<i>GAS8</i>	-2.976352	0.985468	-3.020242	0.002525732	0.034609789

<i>ENSG00000269910</i>	-4.028183	1.334207	-3.019159	0.002534775	0.034685768
<i>ENSG00000183308</i>	-3.872785	1.282832	-3.018933	0.002536668	0.034685768
<i>NDST1</i>	-4.07053	1.348577	-3.01839	0.002541215	0.034686125
<i>SLFN12L</i>	-3.800147	1.259041	-3.018286	0.002542086	0.034686125
<i>MYO15A</i>	-2.980818	0.987828	-3.017548	0.002548284	0.034689643
<i>LINC01483</i>	-4.678217	1.550416	-3.017396	0.002549567	0.034689643
<i>ENSG00000226644</i>	-3.037312	1.006826	-3.016719	0.002555267	0.034689643
<i>INTS2</i>	-2.10077	0.696446	-3.016414	0.002557836	0.034689643
<i>FANCE</i>	-2.925198	0.969888	-3.016015	0.002561202	0.034689643
<i>PFKFB3</i>	-1.188392	0.394039	-3.015923	0.002561986	0.034689643
<i>THRБ</i>	-3.344608	1.10906	-3.015715	0.002563737	0.034689643
<i>PTMS</i>	-2.483856	0.823741	-3.015337	0.002566941	0.034689643
<i>CTRL</i>	-3.632205	1.204793	-3.014797	0.002571514	0.034689643
<i>IRAK3</i>	-2.179738	0.723041	-3.014681	0.002572498	0.034689643
<i>HSF5</i>	-3.318075	1.100664	-3.014612	0.002573085	0.034689643
<i>ENSG00000272991</i>	-3.287434	1.090569	-3.014422	0.002574696	0.034689643
<i>ENSG00000272892</i>	-3.312795	1.099272	-3.013626	0.002581459	0.03472139
<i>POC1A</i>	-3.013142	0.999878	-3.01351	0.002582449	0.03472139
<i>ENSG00000260806</i>	-2.843631	0.943972	-3.01241	0.002591822	0.034721656
<i>ENSG00000272156</i>	-2.830806	0.93978	-3.0122	0.002593619	0.034721656
<i>ENSG00000185065</i>	-3.49036	1.158848	-3.011922	0.002595991	0.034721656
<i>RASA4B</i>	-4.310749	1.43125	-3.011876	0.002596383	0.034721656
<i>C5orf22</i>	-2.196173	0.729172	-3.011874	0.002596401	0.034721656
<i>C1orf54</i>	-3.374439	1.120476	-3.01161	0.00259866	0.034721656
<i>AIF1</i>	-3.522893	1.169926	-3.011209	0.002602093	0.03473147
<i>FAN1</i>	-2.719036	0.903328	-3.010021	0.002612296	0.03483152
<i>FBXL6</i>	-2.945123	0.978654	-3.009361	0.002617977	0.034871132
<i>ENSG00000228192</i>	-4.342067	1.443429	-3.008162	0.00262833	0.034919084
<i>LINC01993</i>	-4.342067	1.443429	-3.008162	0.00262833	0.034919084
<i>RAPGEF5</i>	-2.847743	0.946819	-3.007697	0.002632357	0.034919084
<i>RNF227</i>	-2.525975	0.839881	-3.007539	0.002633727	0.034919084
<i>HOXB4</i>	-2.981695	0.991507	-3.007235	0.002636356	0.034919084
<i>TMEM177</i>	-2.201386	0.732072	-3.007062	0.00263786	0.034919084
<i>ENSG00000271427</i>	-4.237872	1.409577	-3.006486	0.002642865	0.034919201
<i>MAP3K21</i>	-3.289112	1.094027	-3.006427	0.002643379	0.034919201
<i>ENSG00000273080</i>	-2.755538	0.916641	-3.006124	0.002646011	0.034919201
<i>KCNMB4</i>	-3.166886	1.054032	-3.004545	0.002659787	0.034974707
<i>SIRT1</i>	-1.85747	0.618241	-3.004443	0.002660677	0.034974707
<i>ENSG00000267152</i>	-2.347241	0.781334	-3.004144	0.002663293	0.034974707
<i>IGLV1.40</i>	-3.283977	1.093174	-3.004074	0.002663906	0.034974707
<i>ENSG00000269051</i>	-3.036338	1.010768	-3.003993	0.002664616	0.034974707
<i>RAMP2.AS1</i>	-3.668311	1.221234	-3.003775	0.002666526	0.034974707
<i>ENSG00000253200</i>	-3.356187	1.117599	-3.003032	0.00267304	0.034986772
<i>IGLV3.1</i>	-2.885423	0.960853	-3.00298	0.002673497	0.034986772
<i>ENSG00000255337</i>	-3.050844	1.016234	-3.002107	0.00268118	0.034986772
<i>ENSG00000257410</i>	-3.975245	1.324179	-3.002046	0.002681717	0.034986772
<i>ENSG00000261335</i>	-3.909571	1.302626	-3.001301	0.002688288	0.034986772

<i>ENSG00000267751</i>	-3.04263	1.013795	-3.001227	0.00268894	0.034986772
<i>KCNJ14</i>	-3.605471	1.201354	-3.001172	0.002689428	0.034986772
<i>ATAD3C</i>	-3.800685	1.266579	-3.000747	0.002693182	0.034986772
<i>LINC01358</i>	-2.4793	0.826295	-3.000503	0.00269534	0.034986772
<i>C1QTNF12</i>	-3.938972	1.312919	-3.000163	0.002698354	0.034986772
<i>AURKA</i>	-2.850153	0.950185	-2.999578	0.002703536	0.034986772
<i>ZNF385D</i>	-3.483503	1.161359	-2.999504	0.002704194	0.034986772
<i>PPARGC1B</i>	-3.659979	1.220214	-2.999456	0.002704624	0.034986772
<i>NAV2.AS3</i>	-3.091292	1.030652	-2.999356	0.002705513	0.034986772
<i>ENSG00000250790</i>	-3.173941	1.058404	-2.998799	0.002710457	0.034987603
<i>RACGAP1</i>	-2.262577	0.75451	-2.998737	0.002711016	0.034987603
<i>ENSG00000272654</i>	-3.072691	1.024812	-2.998298	0.002714924	0.035002938
<i>CRB2</i>	-2.404916	0.802281	-2.997598	0.002721161	0.03504292
<i>ENSG00000267563</i>	-2.300195	0.767412	-2.997339	0.002723472	0.03504292
<i>ZNF449</i>	-2.68489	0.895982	-2.996591	0.00273017	0.035094
<i>DENND1A</i>	-2.300623	0.768028	-2.995493	0.002740017	0.035153878
<i>TMEM8B</i>	-3.15676	1.053847	-2.995462	0.002740292	0.035153878
<i>CD3D</i>	-4.955616	1.654626	-2.995007	0.002744383	0.035171295
<i>ENSG00000267787</i>	-2.646053	0.88382	-2.993883	0.002754519	0.035222066
<i>C4orf46</i>	-1.997228	0.667241	-2.993263	0.002760121	0.035222066
<i>PROC</i>	-3.036805	1.014743	-2.992683	0.002765367	0.035222066
<i>ENSG00000266677</i>	-3.322771	1.110348	-2.99255	0.002766578	0.035222066
<i>ENSG00000266844</i>	-3.987123	1.332356	-2.992537	0.002766694	0.035222066
<i>ENSG00000277368</i>	-3.128045	1.045361	-2.99231	0.002768747	0.035222066
<i>SIRT4</i>	-3.506181	1.171734	-2.992301	0.002768828	0.035222066
<i>SDC3</i>	-3.144964	1.051073	-2.992145	0.002770244	0.035222066
<i>CAHM</i>	-3.054714	1.021038	-2.991772	0.002773629	0.035230294
<i>ARMCX4</i>	-2.478977	0.828753	-2.991212	0.002778728	0.035231687
<i>FILIP1</i>	-2.911379	0.973418	-2.990882	0.002781726	0.035231687
<i>ENSG00000261845</i>	-2.964102	0.991054	-2.990857	0.002781953	0.035231687
<i>RHOBTB1</i>	-3.218499	1.076391	-2.990083	0.002789012	0.035286355
<i>DLG3</i>	-3.31639	1.109345	-2.989503	0.002794317	0.035318735
<i>LY6G5B</i>	-3.801077	1.271935	-2.988421	0.002804226	0.035409202
<i>ZNF229</i>	-2.695862	0.902282	-2.987825	0.002809706	0.035443618
<i>DNHD1</i>	-2.202949	0.737651	-2.986436	0.002822502	0.035570165
<i>WDR11.AS1</i>	-3.279239	1.098311	-2.98571	0.002829207	0.035619768
<i>ENSG00000232063</i>	-3.259212	1.092182	-2.984129	0.002843866	0.035769329
<i>TLCD2</i>	-2.803588	0.939887	-2.982898	0.002855331	0.035834737
<i>PLEKHG2</i>	-2.514286	0.843159	-2.981984	0.002863871	0.035834737
<i>CTBP1.AS</i>	-2.77808	0.931697	-2.981741	0.002866143	0.035834737
<i>CRYM.AS1</i>	-3.786915	1.270296	-2.981129	0.00287188	0.035834737
<i>LCTL</i>	-3.071212	1.030227	-2.981102	0.002872128	0.035834737
<i>TNRC18</i>	-2.222693	0.745611	-2.981036	0.00287275	0.035834737
<i>ENSG00000253891</i>	-2.792056	0.936665	-2.980849	0.002874502	0.035834737
<i>GK</i>	-2.084975	0.699463	-2.980823	0.002874752	0.035834737
<i>ENSG00000272853</i>	-2.799372	0.939249	-2.980436	0.002878384	0.035834737
<i>ARHGAP11A</i>	-2.663911	0.893834	-2.980318	0.002879489	0.035834737

<i>ENSG00000253106</i>	-3.334555	1.118948	-2.98008	0.002881728	0.035834737
<i>IGHV4.39</i>	-3.484764	1.169497	-2.979712	0.002885194	0.035834737
<i>SRC</i>	-2.964304	0.994832	-2.979704	0.002885271	0.035834737
<i>RILPL1</i>	-3.669064	1.231522	-2.979293	0.002889143	0.035848223
<i>HIC2</i>	-2.763153	0.927701	-2.978494	0.002896683	0.035858308
<i>EIF4E3</i>	-2.591234	0.869984	-2.978483	0.002896788	0.035858308
<i>MCOLN2</i>	-3.219587	1.081105	-2.978051	0.002900875	0.035858308
<i>C11orf21</i>	-2.931049	0.984242	-2.977975	0.002901594	0.035858308
<i>MTFR2</i>	-3.197322	1.073744	-2.977733	0.00290389	0.035858308
<i>EGLN3</i>	-3.892164	1.307252	-2.977362	0.002907402	0.03586725
<i>PRICKLE3</i>	-2.461964	0.827107	-2.976597	0.002914673	0.03592251
<i>C8orf89</i>	-3.840097	1.290374	-2.975957	0.002920755	0.035949917
<i>DPCD</i>	-2.202294	0.740074	-2.975776	0.002922485	0.035949917
<i>GTF2H4</i>	-3.452042	1.160189	-2.975413	0.002925941	0.035958049
<i>BCL2L2</i>	-2.312492	0.777281	-2.975103	0.002928901	0.035960087
<i>ENSG00000260526</i>	-3.077799	1.034838	-2.974185	0.002937677	0.036021409
<i>POLR3B</i>	-2.94225	0.989326	-2.973995	0.002939495	0.036021409
<i>MAMLD1</i>	-5.352021	1.800298	-2.972853	0.002950457	0.036097567
<i>ENSG00000271122</i>	-2.412908	0.811672	-2.972763	0.00295132	0.036097567
<i>ZNF75D</i>	-2.195433	0.738765	-2.971759	0.002960992	0.036174168
<i>EPHB6</i>	-1.555778	0.523561	-2.971529	0.002963206	0.036174168
<i>CPS1</i>	-4.485172	1.510104	-2.970107	0.002976956	0.036254856
<i>SLC26A1</i>	-3.508082	1.181156	-2.970042	0.002977591	0.036254856
<i>ZNF484</i>	-2.386594	0.803574	-2.969972	0.002978269	0.036254856
<i>LEKR1</i>	-2.782457	0.937049	-2.969381	0.002984002	0.03629032
<i>MYH3</i>	-2.339352	0.788042	-2.968561	0.002991974	0.036299993
<i>RLN2</i>	-2.682312	0.903648	-2.968316	0.00299436	0.036299993
<i>SPAG8</i>	-2.841574	0.957411	-2.967976	0.002997681	0.036299993
<i>LETM2</i>	-3.737732	1.25939	-2.967892	0.002998498	0.036299993
<i>MPPED2</i>	-3.139562	1.057857	-2.96785	0.002998904	0.036299993
<i>ENSG00000272588</i>	-3.05771	1.030503	-2.9672	0.003005249	0.036342615
<i>SIAE</i>	-2.68965	0.906655	-2.966564	0.003011477	0.036352275
<i>TRIM72</i>	-3.838548	1.293947	-2.966541	0.003011699	0.036352275
<i>DCBLD1</i>	-2.759904	0.930996	-2.964465	0.003032096	0.036564177
<i>GLCE</i>	-2.339167	0.789344	-2.963433	0.003042286	0.036652714
<i>TK2</i>	-2.649941	0.894365	-2.96293	0.003047263	0.036670758
<i>CSTF3.DT</i>	-3.585728	1.210288	-2.962705	0.003049484	0.036670758
<i>TIGD2</i>	-2.35873	0.796326	-2.962018	0.003056303	0.036718447
<i>ACVR2A</i>	-3.237249	1.093378	-2.960777	0.003068643	0.036832309
<i>MTCL1</i>	-3.714461	1.2551	-2.959495	0.003081439	0.036951417
<i>MYBL1</i>	-2.999162	1.013578	-2.958984	0.003086546	0.036978206
<i>FSD1L</i>	-1.925351	0.650817	-2.958358	0.003092822	0.036997835
<i>ENSG00000105650</i>	-3.279828	1.10879	-2.958026	0.003096164	0.036997835
<i>YPEL4</i>	-3.508084	1.18598	-2.957961	0.003096811	0.036997835
<i>ENSG00000269604</i>	-3.476796	1.175556	-2.957576	0.00310068	0.037009699
<i>ENSG00000225302</i>	-3.915325	1.324789	-2.955432	0.003122319	0.03714677
<i>LINC01176</i>	-3.123082	1.056837	-2.955122	0.003125459	0.03714677

<i>TLL4</i>	-2.211565	0.748384	-2.95512	0.003125471	0.03714677
<i>PGAP1</i>	-2.972258	1.005817	-2.955068	0.003125996	0.03714677
<i>PLAUR</i>	-3.001448	1.015715	-2.955009	0.003126599	0.03714677
<i>ENSG00000282034</i>	-3.908283	1.323032	-2.954034	0.003136494	0.037211659
<i>TESMIN</i>	-2.707492	0.916582	-2.953901	0.003137845	0.037211659
<i>IFT140</i>	-3.467099	1.17394	-2.953388	0.003143067	0.03723927
<i>ARG2</i>	-3.764207	1.274737	-2.952929	0.003147743	0.037260362
<i>LINC01725</i>	-4.61642	1.564084	-2.951516	0.003162181	0.037324174
<i>FRG1.DT</i>	-4.633825	1.570056	-2.951375	0.003163628	0.037324174
<i>ZNF182</i>	-2.125676	0.720287	-2.951152	0.003165911	0.037324174
<i>CACNB3</i>	-2.752722	0.932763	-2.951149	0.003165943	0.037324174
<i>FCMR</i>	1.142231	0.387081	2.950887	0.003168628	0.037324174
<i>ENSG00000267416</i>	-2.92336	0.990734	-2.950701	0.003170539	0.037324174
<i>CDKN3</i>	-3.580399	1.213684	-2.950025	0.003177487	0.037360445
<i>ENSG00000273674</i>	-2.995359	1.015433	-2.949836	0.003179427	0.037360445
<i>ENSG00000251867</i>	-3.303905	1.120432	-2.948776	0.003190348	0.037454569
<i>DMPK</i>	-3.2253	1.094028	-2.948096	0.003197374	0.037472806
<i>L1CAM</i>	-2.343288	0.794857	-2.948062	0.003197726	0.037472806
<i>CYP4V2</i>	-2.205987	0.748529	-2.947095	0.003207747	0.037536789
<i>LRRC37A</i>	-3.688137	1.251634	-2.946656	0.003212299	0.037536789
<i>ENSG00000245213</i>	-3.734406	1.267525	-2.946218	0.003216858	0.037536789
<i>ENSG00000276564</i>	-3.338727	1.133229	-2.946206	0.003216982	0.037536789
<i>TBXAS1</i>	-2.681434	0.910155	-2.94613	0.003217772	0.037536789
<i>ZNF132</i>	-3.560202	1.208597	-2.945732	0.003221914	0.037551053
<i>AVEN</i>	-3.126669	1.061637	-2.94514	0.003228083	0.037588907
<i>PTPN20</i>	-2.946891	1.000716	-2.944782	0.00323182	0.037598398
<i>CAB39L</i>	-2.32987	0.791275	-2.944449	0.003235303	0.037604923
<i>DNMTIP1</i>	-1.405781	0.477512	-2.943969	0.00324033	0.037629353
<i>C1orf74</i>	-2.479207	0.842222	-2.94365	0.003243662	0.037634079
<i>AFF2</i>	-3.344044	1.13641	-2.942638	0.003254287	0.037704614
<i>ENSG00000277022</i>	-2.691259	0.914628	-2.942464	0.003256121	0.037704614
<i>CHIC1</i>	-2.191394	0.744889	-2.941907	0.003261974	0.037704614
<i>PRDM15</i>	-2.394582	0.814007	-2.941723	0.003263917	0.037704614
<i>TRABD</i>	1.073856	0.365049	2.941678	0.003264393	0.037704614
<i>ENSG00000273002</i>	-2.45326	0.834393	-2.940172	0.003280299	0.037809039
<i>ECT2</i>	-3.773141	1.283485	-2.939762	0.003284646	0.037809039
<i>ENSG00000224738</i>	-3.638941	1.237841	-2.939748	0.003284789	0.037809039
<i>RNF212</i>	-2.388044	0.81234	-2.939711	0.003285187	0.037809039
<i>RUSC1.AS1</i>	-3.457847	1.176474	-2.939161	0.003291019	0.037842306
<i>CLEC18A</i>	-3.714838	1.264163	-2.938576	0.003297242	0.037876742
<i>TNFRSF21</i>	-4.451572	1.515138	-2.938064	0.003302686	0.037876742
<i>MAPRE3</i>	-2.310943	0.786557	-2.938049	0.003302845	0.037876742
<i>EPHA4</i>	-4.864721	1.656583	-2.936599	0.003318329	0.037984286
<i>CDC7</i>	-2.740319	0.933174	-2.936557	0.00331878	0.037984286
<i>BNIP1</i>	-3.525742	1.200726	-2.936342	0.003321079	0.037984286
<i>GALC</i>	-2.366264	0.806064	-2.93558	0.003329247	0.038043894
<i>STXBP5.AS1</i>	-2.799702	0.953871	-2.935095	0.003334459	0.038069635

<i>RNF130</i>	-1.347366	0.459116	-2.934693	0.003338774	0.038085109
<i>CLCN4</i>	-2.931707	0.999336	-2.933656	0.003349951	0.038178761
<i>GSDMB</i>	-2.300381	0.784286	-2.933091	0.003356058	0.038214512
<i>SLC27A4</i>	-2.31103	0.788044	-2.932617	0.003361187	0.038236497
<i>SCN4A</i>	-3.729693	1.271912	-2.932351	0.003364059	0.038236497
<i>RBMS2</i>	-2.961725	1.010107	-2.932089	0.003366904	0.038236497
<i>ELF1</i>	-0.864411	0.295015	-2.930064	0.003388921	0.038449683
<i>CCDC171</i>	-2.750175	0.938686	-2.929814	0.003391652	0.038449683
<i>CSRNP2</i>	-2.350635	0.802622	-2.928693	0.003403901	0.038494192
<i>ENSG00000268093</i>	-3.616131	1.234794	-2.928529	0.003405705	0.038494192
<i>ALDH7A1</i>	-3.12629	1.067584	-2.928379	0.00340734	0.038494192
<i>RAD54B</i>	-4.089859	1.396638	-2.928361	0.003407545	0.038494192
<i>ENSG00000205682</i>	-2.777672	0.948709	-2.927845	0.003413207	0.038524328
<i>PIK3CD.AS2</i>	-2.418133	0.826379	-2.926178	0.00343154	0.038612467
<i>IGKV4.1</i>	-2.434902	0.832122	-2.926136	0.003432009	0.038612467
<i>SLC7A5</i>	-2.698473	0.92226	-2.925936	0.003434213	0.038612467
<i>PACRGL</i>	-2.419573	0.82697	-2.925829	0.003435397	0.038612467
<i>NETO2</i>	-2.696745	0.921834	-2.925413	0.003439989	0.038612467
<i>ADAM15</i>	-2.267629	0.775182	-2.925286	0.0034414	0.038612467
<i>PRKCI</i>	-2.096032	0.716578	-2.925058	0.00344392	0.038612467
<i>ENSG00000251143</i>	-3.053383	1.043907	-2.924958	0.003445023	0.038612467
<i>LINC02447</i>	-3.206431	1.096409	-2.924485	0.003450269	0.038637603
<i>NEXN</i>	-2.261227	0.773504	-2.923353	0.003462833	0.038743691
<i>CRACR2A</i>	-2.398496	0.820557	-2.923012	0.003466637	0.038743691
<i>SENP8</i>	-3.409159	1.166394	-2.92282	0.003468775	0.038743691
<i>TMEM182</i>	-3.111455	1.064826	-2.922032	0.003477555	0.03878997
<i>LINC01134</i>	-3.126584	1.070051	-2.921901	0.003479023	0.03878997
<i>HASPIN</i>	-3.438048	1.176915	-2.921238	0.003486435	0.03878997
<i>RGS17</i>	-3.5555	1.21714	-2.921192	0.003486951	0.03878997
<i>GRTP1</i>	-3.776923	1.29298	-2.921099	0.003487992	0.03878997
<i>ZRANB3</i>	-1.937428	0.663446	-2.920248	0.003497529	0.038842482
<i>ENSG00000270696</i>	-3.636587	1.245412	-2.919988	0.003500452	0.038842482
<i>POT1.AS1</i>	-3.056766	1.046889	-2.919856	0.003501933	0.038842482
<i>ASF1B</i>	-3.707177	1.269766	-2.919576	0.003505083	0.038842482
<i>ENSG00000273702</i>	-2.092369	0.716728	-2.919333	0.003507808	0.038842482
<i>ENSG00000234773</i>	-3.811772	1.305836	-2.919028	0.003511244	0.038845766
<i>ENSG00000272821</i>	-3.078969	1.054933	-2.91864	0.003515623	0.038845766
<i>ZNF443</i>	-2.650195	0.908118	-2.918337	0.00351904	0.038845766
<i>ENSG00000224220</i>	-2.922921	1.001606	-2.918236	0.003520181	0.038845766
<i>ENSG00000231105</i>	-3.718442	1.274735	-2.917031	0.003533803	0.038933021
<i>ENSG00000264207</i>	-2.956751	1.013645	-2.916949	0.003534736	0.038933021
<i>ENSG00000262621</i>	-2.642677	0.906108	-2.916514	0.003539665	0.038933021
<i>LSM14B</i>	-2.261436	0.775546	-2.915928	0.003546324	0.038933021
<i>CECR7</i>	-3.675091	1.260439	-2.915724	0.003548642	0.038933021
<i>ENSG00000250685</i>	-3.716372	1.274633	-2.91564	0.003549603	0.038933021
<i>ENSG00000231760</i>	-3.617099	1.240627	-2.915542	0.003550715	0.038933021
<i>LINC00106</i>	-3.443407	1.181108	-2.915403	0.003552294	0.038933021

SAG	-4.721453	1.619804	-2.91483	0.003558822	0.038971369
TRIM61	-2.269379	0.778722	-2.914237	0.003565593	0.038997506
TAT.AS1	-2.89737	0.994262	-2.91409	0.00356727	0.038997506
DNAJC9.AS1	-4.507503	1.546981	-2.913741	0.003571258	0.039007959
PINLYP	-3.089244	1.06059	-2.91276	0.003582496	0.039097522
ARHGAP33	-3.618574	1.242922	-2.911343	0.003598785	0.039213622
ALDH1B1	-2.486865	0.854287	-2.911041	0.003602264	0.039213622
ST6GALNAC3	-2.561265	0.879845	-2.91104	0.003602277	0.039213622
SUV39H2	-2.945155	1.01196	-2.910346	0.003610286	0.039267582
PRKCA	-3.595608	1.236048	-2.908955	0.003626395	0.039409478
ENSG00000262580	-2.437776	0.838259	-2.908142	0.003635834	0.039468603
GNG3	-3.599	1.237764	-2.907662	0.003641422	0.039468603
LENG9	-4.153177	1.428685	-2.906992	0.003649227	0.039468603
BANK1	-0.806032	0.277281	-2.90691	0.003650181	0.039468603
ENSG00000235381	-3.288509	1.131354	-2.906703	0.003652598	0.039468603
SH2D4A	-2.732318	0.940007	-2.906699	0.003652649	0.039468603
LINC01504	-3.639828	1.252245	-2.906642	0.003653307	0.039468603
TNFRSF25	-4.651552	1.600639	-2.90606	0.00366011	0.03950892
ENSG00000272172	-2.52508	0.869032	-2.905623	0.003665227	0.039530995
ENSG00000166928	-4.281521	1.474154	-2.904392	0.003679673	0.039613671
MATN1.AS1	-2.338528	0.805187	-2.904327	0.003680432	0.039613671
FMO4	-2.9984	1.032526	-2.903945	0.003684925	0.039613671
ARHGAP10	-4.137533	1.424809	-2.903921	0.003685207	0.039613671
XKR6	-2.37175	0.816992	-2.903028	0.003695734	0.039627561
ENSG00000232098	-3.773252	1.299933	-2.902652	0.003700173	0.039627561
CRY2	-1.915512	0.659924	-2.902625	0.00370049	0.039627561
PRC1	-3.417957	1.177627	-2.90241	0.003703032	0.039627561
CENPS.CORT	-3.884914	1.338519	-2.902397	0.00370319	0.039627561
EXT1	-4.560734	1.571546	-2.902068	0.003707076	0.039627561
ENSG00000235501	-3.223729	1.11087	-2.901985	0.003708058	0.039627561
PANX2	-2.700354	0.93096	-2.900612	0.003724351	0.039768653
ENSG00000268744	-2.855842	0.984877	-2.899695	0.003735265	0.039821029
ENSG00000233757	-3.761668	1.297589	-2.898968	0.003743929	0.039821029
HSD17B14	-2.644594	0.912264	-2.898934	0.003744434	0.039821029
ACY1	-3.28984	1.135033	-2.898453	0.003750081	0.039821029
ENSG00000254428	-3.260545	1.124933	-2.898434	0.003750317	0.039821029
CDK5R1	-4.721173	1.628913	-2.898357	0.003751228	0.039821029
ARF5	-0.832199	0.287143	-2.8982	0.003753112	0.039821029
ENSG00000165521	-4.284618	1.478446	-2.898054	0.003754859	0.039821029
CDK10	-1.505317	0.519529	-2.897465	0.00376192	0.039821029
ENSG00000214797	-2.91663	1.006629	-2.897423	0.003762421	0.039821029
FKBP7	-2.840227	0.980292	-2.897328	0.003763559	0.039821029
ATPCKMT	-2.157937	0.744926	-2.896849	0.003769306	0.039821029
SGCA	-3.494988	1.206537	-2.896709	0.003770988	0.039821029
PRDX1	-0.754443	0.26046	-2.896577	0.003772584	0.039821029
CCDC180	-2.315914	0.799672	-2.896081	0.003778548	0.039838858
RPL34.AS1	-2.941744	1.015823	-2.895922	0.003780465	0.039838858



ADGRE2	-2.665403	0.92056	-2.895413	0.003786594	0.039870789
HECTD4	-1.608863	0.555733	-2.895031	0.003791207	0.039886725
ZNF396	-3.518565	1.215623	-2.894454	0.00379819	0.039900767
ENSG00000204758	-2.797126	0.96639	-2.894408	0.003798744	0.039900767
CCBE1	-3.508491	1.212422	-2.893787	0.003806266	0.039928999
DNA2	-3.06016	1.057534	-2.893674	0.003807638	0.039928999
UBE2D3.AS1	-2.802716	0.968893	-2.8927	0.003819456	0.040020308
ENSG00000259408	-3.161634	1.093172	-2.892165	0.003825975	0.04002923
LINC02019	-3.534152	1.221994	-2.892119	0.003826529	0.04002923
ENSG00000262777	-4.476827	1.548254	-2.891533	0.003833673	0.040071377
JAKMIP2	-2.62689	0.908663	-2.89094	0.003840909	0.040083304
PPIL6	-2.761713	0.955303	-2.890929	0.003841044	0.040083304
TBCEL	-2.347843	0.812265	-2.890491	0.003846406	0.040106734
USP6	-3.155952	1.092193	-2.889556	0.003857867	0.040193666
ENSG00000258768	-3.30385	1.143669	-2.888817	0.003866943	0.040255626
PRSS27	-2.580054	0.893297	-2.888238	0.00387407	0.040297221
DSP	-2.816755	0.97549	-2.88753	0.003882802	0.040347315
ENSG00000276718	-3.674272	1.272549	-2.887332	0.003885239	0.040347315
LYG1	-2.864917	0.99236	-2.886975	0.003889657	0.040347315
DUSP7	-2.920973	1.011845	-2.88678	0.003892068	0.040347315
CTBP2	-4.541451	1.573372	-2.886444	0.003896216	0.040347315
MAGEE1	-2.823726	0.978312	-2.886325	0.003897701	0.040347315
JMY	-2.204084	0.763863	-2.885444	0.003908624	0.040414964
TDRKH.AS1	-2.298328	0.796567	-2.885291	0.003910518	0.040414964
CORO2B	-3.486454	1.208811	-2.884202	0.003924075	0.040470086
ARL4D	-2.546189	0.882836	-2.884103	0.003925305	0.040470086
LINC01133	-4.407111	1.528254	-2.883755	0.003929648	0.040470086
ENSG00000269886	-4.650243	1.612613	-2.883669	0.003930713	0.040470086
HIST2H4A	-3.221615	1.117307	-2.883373	0.003934407	0.040470086
ENSG00000275202	-4.350045	1.508678	-2.883348	0.003934723	0.040470086
CLDN7	-3.154621	1.094633	-2.881899	0.003952862	0.040592754
ENSG00000272927	-2.066245	0.716995	-2.881814	0.003953933	0.040592754
GOLGA6L4	-2.657689	0.922283	-2.88164	0.003956114	0.040592754
PYHIN1	-3.666607	1.272805	-2.88073	0.003967552	0.040677686
GSTO2	-3.708607	1.28782	-2.879754	0.00397985	0.040735497
ENSG00000233427	-4.35326	1.511735	-2.879645	0.003981234	0.040735497
ADAT3	-2.696771	0.93658	-2.879381	0.003984566	0.040735497
ENSG00000273270	-1.894851	0.658099	-2.879279	0.003985855	0.040735497
ENSG00000111321	-2.447842	0.850344	-2.878651	0.003993801	0.04078431
EPN2	-2.107221	0.732118	-2.878253	0.003998844	0.040803433
PON2	-2.659489	0.924291	-2.877327	0.004010592	0.04089088
AP5S1	-1.814807	0.630825	-2.876881	0.004016276	0.040916411
CSNK2A3	-3.111957	1.08186	-2.876488	0.004021269	0.040934865
KCNRG	-3.612369	1.256274	-2.875463	0.004034358	0.040997929
NFS1	-1.980766	0.688884	-2.875326	0.0040361	0.040997929
ENSG00000269194	-2.640903	0.918548	-2.875083	0.004039214	0.040997929
ZNF34	-1.90917	0.664058	-2.875005	0.004040209	0.040997929

ACACA	-2.276897	0.792066	-2.874631	0.004044994	0.041014139
ENSG00000274425	-2.480902	0.86328	-2.87381	0.004055528	0.041071962
ZNF354B	-1.777216	0.618605	-2.872943	0.004066676	0.041071962
ATP6VOC	-4.122843	1.435072	-2.872916	0.004067019	0.041071962
RPRML	-4.953394	1.724202	-2.872862	0.004067714	0.041071962
MADCAM1	-2.364242	0.823098	-2.87237	0.004074052	0.041071962
HSPA1L	-4.72169	1.643877	-2.872289	0.004075095	0.041071962
KCNA7	-4.72169	1.643877	-2.872289	0.004075095	0.041071962
ZFPM1	-3.235423	1.126461	-2.872201	0.004076233	0.041071962
GEM	-2.697681	0.939511	-2.871366	0.004087016	0.041140708
ENSG00000234141	-3.723098	1.296715	-2.871178	0.004089451	0.041140708
ENSG00000247121	-2.261277	0.78769	-2.870771	0.004094721	0.041152864
LYSMD4	-2.286928	0.796677	-2.870583	0.004097154	0.041152864
FGL2	-3.076765	1.072084	-2.869893	0.004106108	0.041152864
LINC00174	-4.405093	1.534944	-2.869873	0.004106367	0.041152864
TSBP1.AS1	-3.887483	1.354659	-2.869713	0.004108446	0.041152864
HYAL2	-2.26032	0.787729	-2.869413	0.004112349	0.041152864
EFNA3	-2.752118	0.959178	-2.869248	0.004114491	0.041152864
ENSG00000257605	-4.461823	1.555123	-2.869113	0.004116246	0.041152864
XRCC2	-3.258981	1.136132	-2.868488	0.004124385	0.041173865
OCRL	-3.802276	1.325546	-2.868461	0.004124746	0.041173865
SPIN2A	-3.005655	1.048053	-2.867845	0.004132774	0.041202803
ENSG00000272663	-2.702418	0.942349	-2.867748	0.00413405	0.041202803
ABCA1	-4.613766	1.609347	-2.866856	0.004145713	0.041287063
CNNM4	-2.986292	1.042046	-2.865796	0.00415962	0.041330373
DNAJC17	-1.661677	0.579841	-2.865745	0.00416029	0.041330373
TBC1D23	-1.662882	0.580295	-2.865581	0.004162447	0.041330373
CCDC134	-2.714871	0.947418	-2.865546	0.00416291	0.041330373
LAPTM5	-0.509865	0.177947	-2.865272	0.004166512	0.041334242
SHF	-2.30998	0.806284	-2.86497	0.004170484	0.041341773
C18orf54	-2.428509	0.847928	-2.864053	0.004182578	0.041429741
HCG27	-2.576921	0.900043	-2.863108	0.004195071	0.041501129
ENSG00000263080	-3.573321	1.248106	-2.862995	0.004196568	0.041501129
ARHGEF12	-2.023397	0.706848	-2.862564	0.004202287	0.041501129
FAM168A	-2.176306	0.760273	-2.862534	0.004202687	0.041501129
ENSG00000228265	-2.651148	0.926441	-2.861648	0.004214446	0.041557109
ZNF578	-2.6187	0.915167	-2.861444	0.004217161	0.041557109
LRFN4	-3.097792	1.082623	-2.861377	0.004218045	0.041557109
ZGLP1	-3.295516	1.152586	-2.859236	0.004246623	0.041806659
AGAP9	-2.535993	0.887052	-2.8589	0.004251133	0.041819057
ENSG00000273391	-3.833492	1.341076	-2.858519	0.004256234	0.041837252
ENSG00000224746	-2.709077	0.947983	-2.857728	0.004266858	0.041909662
TAS2R14	-3.666741	1.283432	-2.856981	0.004276918	0.041957883
RFC2	-1.391225	0.486974	-2.856879	0.004278289	0.041957883
LINC00630	-4.032122	1.411684	-2.85625	0.00428678	0.041997032
ENSG00000255468	-3.454713	1.209612	-2.856051	0.004289461	0.041997032
ENSG00000259715	-2.800324	0.980619	-2.855671	0.004294606	0.041997032

<i>ENSG00000179979</i>	-3.146776	1.10196	-2.855616	0.004295336	0.041997032
<i>RCBTB2</i>	-4.393728	1.538819	-2.855259	0.004300169	0.042004359
<i>PCDH11Y</i>	-4.407703	1.543895	-2.854925	0.004304706	0.042004359
<i>KLHL42</i>	-2.086481	0.73096	-2.85444	0.004311279	0.042004359
<i>TNFSF13B</i>	-2.185985	0.765919	-2.854069	0.004316311	0.042004359
<i>ZNF282</i>	-2.571898	0.901196	-2.853873	0.004318974	0.042004359
<i>TMEM220.AS1</i>	-2.386784	0.83643	-2.853536	0.004323556	0.042004359
<i>ENSG00000258634</i>	-2.643618	0.926484	-2.853389	0.004325565	0.042004359
<i>NPHP4</i>	-3.443738	1.207297	-2.852436	0.004338561	0.042004359
<i>PPP2R5D</i>	-1.875303	0.657462	-2.852338	0.004339888	0.042004359
<i>LINC02453</i>	-2.918314	1.023137	-2.852319	0.004340147	0.042004359
<i>KPTN</i>	-2.164551	0.758881	-2.852292	0.004340519	0.042004359
<i>EGR2</i>	-3.506104	1.229327	-2.852053	0.004343791	0.042004359
<i>ENSG00000260360</i>	-3.822418	1.340268	-2.85198	0.00434479	0.042004359
<i>NCKIPSD</i>	-2.296953	0.805429	-2.851837	0.004346737	0.042004359
<i>KDM4D</i>	-3.577377	1.254413	-2.851833	0.004346793	0.042004359
<i>ENSG00000233654</i>	-3.086191	1.08222	-2.851722	0.004348318	0.042004359
<i>PCYOX1L</i>	-3.088096	1.083159	-2.851008	0.004358091	0.042037683
<i>ENSG00000225075</i>	-3.150046	1.104895	-2.850992	0.004358302	0.042037683
<i>ZDHHC23</i>	-2.06946	0.725938	-2.850741	0.004361755	0.042039473
<i>ENSG00000229196</i>	-3.678035	1.290615	-2.849832	0.004374232	0.04206885
<i>ENSG00000272092</i>	-3.629298	1.273667	-2.849487	0.004378973	0.04206885
<i>ENSG00000272841</i>	-3.352598	1.176804	-2.848901	0.004387051	0.04206885
<i>ENSG00000267198</i>	-3.227716	1.133072	-2.848642	0.004390629	0.04206885
<i>TRIM16L</i>	-2.354353	0.826513	-2.848536	0.004392094	0.04206885
<i>ENSG00000277117</i>	-2.341819	0.822158	-2.84838	0.004394241	0.04206885
<i>CFD</i>	-2.621879	0.920691	-2.84773	0.004403231	0.04206885
<i>ENSG00000258017</i>	-2.736207	0.960883	-2.847597	0.004405061	0.04206885
<i>ENSG00000255320</i>	-3.452409	1.212424	-2.847526	0.004406043	0.04206885
<i>ZNF763</i>	-2.60041	0.913237	-2.847465	0.004406888	0.04206885
<i>BIVM</i>	-2.722385	0.956084	-2.847434	0.004407324	0.04206885
<i>ENSG00000259820</i>	-3.027334	1.063288	-2.847143	0.004411355	0.04206885
<i>ENSG00000227374</i>	-4.479607	1.573432	-2.847028	0.004412946	0.04206885
<i>ENSG00000267042</i>	-4.589874	1.61224	-2.846893	0.004414819	0.04206885
<i>LINC02158</i>	-3.334326	1.171267	-2.846769	0.004416536	0.04206885
<i>FAM218A</i>	-2.582358	0.907253	-2.846348	0.00442238	0.04206885
<i>IL3RA</i>	-3.76203	1.321724	-2.846304	0.004422994	0.04206885
<i>VWCE</i>	-4.321357	1.51826	-2.846257	0.004423654	0.04206885
<i>B3GALT6</i>	-2.224017	0.781704	-2.84509	0.004439888	0.042149895
<i>USP20</i>	-2.100795	0.738421	-2.844982	0.004441389	0.042149895
<i>PPA1</i>	1.466558	0.515497	2.844938	0.004442003	0.042149895
<i>ENSG00000229180</i>	-1.849835	0.65033	-2.844454	0.004448757	0.042152462
<i>ENSG00000272030</i>	-3.779548	1.328745	-2.844449	0.004448826	0.042152462
<i>ENSG00000213121</i>	-4.355578	1.531622	-2.843768	0.004458351	0.042203125
<i>NET1</i>	-3.175216	1.116722	-2.843335	0.004464407	0.042203125
<i>ENSG00000279765</i>	-2.25811	0.794204	-2.843237	0.004465778	0.042203125
<i>DECR2</i>	-2.288943	0.80512	-2.842983	0.004469343	0.042203125

<i>SLC14A2</i>	-2.669229	0.938912	-2.842895	0.004470573	0.042203125
<i>CALD1</i>	-4.566	1.606597	-2.842032	0.004482696	0.04228655
<i>ARMCX1</i>	-3.129057	1.101093	-2.841773	0.004486342	0.042289939
<i>STON1</i>	-3.812719	1.342015	-2.841041	0.004496657	0.042333328
<i>MPZL3</i>	-2.778402	0.978279	-2.840092	0.004510057	0.042333328
<i>SLC25A15</i>	-2.840849	1.000276	-2.840065	0.004510431	0.042333328
<i>RIMS2</i>	-2.971005	1.046186	-2.839844	0.004513556	0.042333328
<i>HMG3.AS1</i>	-3.014399	1.061471	-2.839832	0.004513731	0.042333328
<i>RNF215</i>	-3.02563	1.065428	-2.839825	0.004513834	0.042333328
<i>ZDHHC9</i>	-2.319935	0.816932	-2.839815	0.004513976	0.042333328
<i>TREML2</i>	-2.860669	1.007864	-2.838349	0.004534757	0.042477125
<i>BGLAP</i>	-3.365793	1.186227	-2.837393	0.004548364	0.042477125
<i>TMEM201</i>	-3.094424	1.090638	-2.837261	0.004550237	0.042477125
<i>ENSG00000268439</i>	-2.673507	0.942333	-2.837116	0.004552313	0.042477125
<i>ENSG00000239415</i>	-2.575766	0.907943	-2.836925	0.004555036	0.042477125
<i>SPINT1.AS1</i>	-2.135042	0.752616	-2.836829	0.004556408	0.042477125
<i>PYGB</i>	-2.099374	0.740044	-2.836823	0.00455649	0.042477125
<i>BIRC5</i>	-2.696927	0.950719	-2.836725	0.004557891	0.042477125
<i>ENSG00000239941</i>	-4.632587	1.633292	-2.83635	0.00456324	0.042477125
<i>TTC26</i>	-2.261784	0.797457	-2.836245	0.004564748	0.042477125
<i>PHLDB1</i>	-2.903475	1.023727	-2.836182	0.004565637	0.042477125
<i>TIGD3</i>	-2.904335	1.024113	-2.835953	0.004568924	0.042477125
<i>NRG4</i>	-3.698141	1.304241	-2.835473	0.004575786	0.042510213
<i>NPL</i>	-3.649688	1.28754	-2.834621	0.004588008	0.042572138
<i>ZNF711</i>	-2.90855	1.026107	-2.834547	0.004589069	0.042572138
<i>CA13</i>	-2.234107	0.788238	-2.834306	0.004592533	0.042573578
<i>IGHV1.2</i>	-3.419923	1.206718	-2.834069	0.004595938	0.042574466
<i>NUF2</i>	-3.656958	1.290665	-2.83339	0.00460571	0.042634294
<i>GNG4</i>	-4.396946	1.552366	-2.832416	0.004619777	0.042705179
<i>RIPOR3</i>	-2.227645	0.786487	-2.8324	0.004620005	0.042705179
<i>ADCY9</i>	-2.898782	1.023724	-2.831605	0.004631507	0.042771863
<i>PLPP3</i>	-2.583243	0.912342	-2.831442	0.004633868	0.042771863
<i>SNX24</i>	-2.955737	1.044072	-2.83097	0.004640713	0.04280434
<i>LINC00271</i>	-2.938595	1.038331	-2.830115	0.004653129	0.042888119
<i>LINC02413</i>	-3.525277	1.245735	-2.829876	0.004656606	0.042889438
<i>OXT</i>	-2.011744	0.711019	-2.829381	0.004663818	0.042925141
<i>STK36</i>	-2.814934	0.995115	-2.828752	0.004672993	0.042978483
<i>ENSG00000263004</i>	-2.606398	0.921628	-2.828036	0.004683453	0.042978483
<i>SLC16A1</i>	-2.750088	0.972564	-2.827666	0.004688869	0.042978483
<i>THSD1</i>	-2.77834	0.982706	-2.827234	0.004695195	0.042978483
<i>FNDC3B</i>	-3.055716	1.080837	-2.827177	0.00469604	0.042978483
<i>ENSG00000260030</i>	-3.078255	1.088971	-2.826756	0.004702214	0.042978483
<i>MAST2</i>	-2.30402	0.815245	-2.82617	0.004710832	0.042978483
<i>CFAP53</i>	-3.072916	1.087353	-2.826054	0.004712538	0.042978483
<i>ZSWIM3</i>	-2.676553	0.947115	-2.826008	0.004713212	0.042978483
<i>SLC26A11</i>	-2.335874	0.826595	-2.8259	0.004714794	0.042978483
<i>FAM238A</i>	-4.380313	1.550119	-2.825792	0.004716392	0.042978483

<i>KLHL23</i>	-2.333408	0.825845	-2.82548	0.004720987	0.042978483
<i>ENSG00000232934</i>	-3.450289	1.221154	-2.825433	0.004721682	0.042978483
<i>ZNF710</i>	-2.273814	0.804786	-2.825365	0.004722677	0.042978483
<i>CCNT2.AS1</i>	-2.72715	0.965256	-2.825312	0.004723457	0.042978483
<i>KLHL15</i>	-2.791693	0.988112	-2.82528	0.004723934	0.042978483
<i>ACAD11</i>	-3.218928	1.139398	-2.825113	0.004726397	0.042978483
<i>ENSG00000228606</i>	-2.77324	0.981772	-2.824729	0.004732056	0.042999554
<i>ENSG00000273055</i>	-3.640148	1.290357	-2.821039	0.004786838	0.04345158
<i>MST1</i>	-2.848161	1.009724	-2.820732	0.004791417	0.04345158
<i>RNASEH2B.AS1</i>	-4.064638	1.441042	-2.820623	0.004793046	0.04345158
<i>TTC24</i>	-2.768554	0.981623	-2.820384	0.004796619	0.04345158
<i>MAD2L1</i>	-2.221079	0.787548	-2.820246	0.004798686	0.04345158
<i>SGTB</i>	-1.773326	0.628904	-2.819708	0.004806743	0.043479759
<i>PDGFRB</i>	-3.11063	1.103222	-2.819587	0.004808557	0.043479759
<i>RHOBTB2</i>	-2.218537	0.786981	-2.819047	0.004816642	0.043520908
<i>PLPP6</i>	-2.053469	0.728482	-2.818832	0.004819872	0.043520908
<i>ENSG00000261242</i>	-4.501706	1.597756	-2.817518	0.004839638	0.043648354
<i>TMC3.AS1</i>	-2.497441	0.886421	-2.817443	0.004840771	0.043648354
<i>FXYD2</i>	-1.471203	0.522288	-2.816841	0.004849852	0.043699615
<i>NR4A2</i>	-2.232731	0.792703	-2.816604	0.004853436	0.043701301
<i>MIR3142HG</i>	-3.992278	1.417539	-2.816344	0.004857367	0.043706117
<i>PFN2</i>	-3.215618	1.141921	-2.815973	0.004862978	0.043718386
<i>HLCS</i>	-2.327809	0.826713	-2.815741	0.004866487	0.043718386
<i>ZNF410</i>	-3.177942	1.128865	-2.815165	0.004875216	0.043718386
<i>STK39</i>	-2.716101	0.964834	-2.815097	0.004876255	0.043718386
<i>ENSG00000272155</i>	-2.213414	0.786269	-2.815084	0.004876452	0.043718386
<i>CSGALNACT1</i>	-1.733002	0.615651	-2.814908	0.004879117	0.043718386
<i>ENSG00000235522</i>	-4.795325	1.704312	-2.813642	0.00489838	0.043860441
<i>ZNF597</i>	-2.936863	1.044093	-2.812836	0.004910669	0.043926121
<i>ENSG00000277767</i>	-3.029363	1.077025	-2.812713	0.004912543	0.043926121
<i>TLR2</i>	-4.290986	1.525732	-2.812411	0.004917156	0.04393684
<i>IGLV1.44</i>	-2.859327	1.016904	-2.811797	0.004926551	0.043990236
<i>CST3</i>	-2.499917	0.889245	-2.81128	0.004934488	0.044018396
<i>ZFP36L1</i>	-0.44311	0.157627	-2.811127	0.004936836	0.044018396
<i>RAB11FIP1</i>	-1.274679	0.453499	-2.810763	0.004942422	0.044018396
<i>DCLRE1A</i>	-3.342456	1.18919	-2.8107	0.004943389	0.044018396
<i>SLC25A25.AS1</i>	-2.237811	0.796651	-2.809022	0.004969231	0.04417005
<i>MYO18A</i>	-3.252321	1.157834	-2.80897	0.004970033	0.04417005
<i>ENSG00000116957</i>	-1.909536	0.67981	-2.808925	0.004970718	0.04417005
<i>HSPB1</i>	-1.047125	0.372899	-2.808063	0.004984041	0.044257873
<i>DCAF15</i>	-1.589084	0.565987	-2.807636	0.004990654	0.044286032
<i>CHEK1</i>	-2.695902	0.960336	-2.807249	0.004996664	0.044287396
<i>SORBS3</i>	-2.218958	0.790457	-2.807183	0.004997692	0.044287396
<i>HIPK1.AS1</i>	-2.237713	0.797236	-2.806839	0.005003024	0.044304137
<i>CDCA5</i>	-4.184926	1.491093	-2.806617	0.005006471	0.044304166
<i>ENSG00000228172</i>	-2.691437	0.959128	-2.806129	0.005014059	0.044340821
<i>RADX</i>	-2.499148	0.890742	-2.805693	0.005020845	0.044352256

SSTR2	-2.54866	0.90847	-2.805442	0.005024759	0.044352256
ENSG00000263069	-3.51794	1.254069	-2.805221	0.005028214	0.044352256
ZNF547	-2.505761	0.893268	-2.805161	0.00502914	0.044352256
ENSG00000259804	-3.551167	1.266149	-2.8047	0.005036341	0.044382756
KHDC1	-2.624925	0.936034	-2.804307	0.005042488	0.044382756
IGLV3.19	-3.351776	1.195237	-2.804278	0.005042946	0.044382756
ENSG00000279571	-4.455073	1.588847	-2.803965	0.005047831	0.044387488
HSPA4L	-2.455169	0.875713	-2.803621	0.005053225	0.044387488
ZSCAN31	-3.997185	1.425742	-2.803582	0.005053833	0.044387488
ENSG00000251259	-2.612974	0.932316	-2.802669	0.005068173	0.04446552
DNAJC27.AS1	-2.870704	1.024309	-2.802576	0.005069629	0.04446552
IGSF6	-4.445298	1.586451	-2.802039	0.005078073	0.044509238
MYOM2	-2.556652	0.912656	-2.80133	0.005089237	0.044576727
INAFM2	-4.417994	1.577471	-2.800681	0.005099489	0.044608366
ANKRD34A	-4.524763	1.615604	-2.800662	0.005099783	0.044608366
ENSG00000272669	-2.951017	1.053855	-2.800213	0.005106892	0.044640207
MSS51	-3.676186	1.313137	-2.799546	0.005117458	0.044702197
ZNF426.DT	-3.490956	1.247104	-2.799249	0.005122161	0.044712918
TIGIT	-3.222451	1.151394	-2.798738	0.005130276	0.044730811
THAP9	-2.614144	0.934062	-2.798682	0.005131163	0.044730811
ZBTB33	-1.736005	0.620382	-2.798284	0.00513749	0.044755639
ENSG00000266918	-2.412721	0.862311	-2.797971	0.005142475	0.044757162
PPP1R32	-2.892652	1.033889	-2.797836	0.005144621	0.044757162
PRPF40B	-2.176801	0.77814	-2.797442	0.005150896	0.044781476
ENSG00000203279	-2.77232	0.991323	-2.796585	0.005164577	0.044801815
RNF157	-3.675046	1.314234	-2.796341	0.005168478	0.044801815
LRRC25	-4.255215	1.521727	-2.796307	0.005169032	0.044801815
TEC	-2.176	0.7782	-2.796198	0.005170774	0.044801815
ZNF66	-2.74131	0.980441	-2.795996	0.005173997	0.044801815
IL18	-3.135429	1.121403	-2.795988	0.005174127	0.044801815
ENSG00000270964	-4.219314	1.509425	-2.795312	0.005184967	0.044811117
CTSK	-3.29173	1.177626	-2.795224	0.005186373	0.044811117
CDKN2C	-3.195585	1.14331	-2.795028	0.005189516	0.044811117
NRSN2.AS1	-2.238074	0.800753	-2.794962	0.005190582	0.044811117
HPSE	-3.53813	1.265953	-2.794835	0.005192615	0.044811117
UBTD1	-3.403823	1.218248	-2.79403	0.005205567	0.044892783
ENSG00000230177	-2.127162	0.761634	-2.792894	0.005223883	0.044993694
CCNA1	-3.519475	1.260164	-2.79287	0.005224262	0.044993694
LINC00896	-4.029944	1.443067	-2.792625	0.005228221	0.044995111
ENSG00000150076	-3.599545	1.289038	-2.792427	0.00523142	0.044995111
ENSG00000203325	-2.286497	0.818926	-2.792068	0.005237232	0.04501501
ZNF236.DT	-2.884048	1.033162	-2.791476	0.005246824	0.045067344
ENSG00000262692	-4.344501	1.556538	-2.791131	0.005252419	0.045085307
TSPYL5	-2.494422	0.893857	-2.790628	0.005260587	0.045125312
MYL9	-2.197767	0.787923	-2.789315	0.005281961	0.045142747
NDST2	-2.46223	0.882778	-2.789185	0.005284087	0.045142747
AHCYL2	-2.971302	1.065295	-2.789181	0.005284145	0.045142747

<i>ENSG00000254427</i>	-3.013906	1.08061	-2.789077	0.005285845	0.045142747
<i>ZBTB8B</i>	-4.315151	1.547241	-2.788934	0.00528819	0.045142747
<i>ENSG00000266086</i>	-4.315151	1.547241	-2.788934	0.00528819	0.045142747
<i>MIR222HG</i>	-2.68224	0.961831	-2.78868	0.005292336	0.045142747
<i>PTPRF</i>	-3.729919	1.337701	-2.788305	0.00529846	0.045142747
<i>C5</i>	-3.252064	1.166422	-2.788069	0.005302328	0.045142747
<i>NKX3.1</i>	-3.078872	1.104317	-2.788033	0.005302922	0.045142747
<i>TUBGCP5</i>	-2.065681	0.74093	-2.787956	0.00530417	0.045142747
<i>AFAP1L2</i>	-2.9749	1.067067	-2.787923	0.00530472	0.045142747
<i>ENSG00000231212</i>	-2.923473	1.048792	-2.787468	0.005312176	0.045174297
<i>MIXL1</i>	-4.374933	1.569691	-2.78713	0.00531772	0.045174297
<i>GDPD1</i>	-2.259145	0.810631	-2.786895	0.005321569	0.045174297
<i>SPESP1</i>	-3.453238	1.239334	-2.786366	0.005330269	0.045174297
<i>DCUN1D2</i>	-2.177143	0.781358	-2.786356	0.005330424	0.045174297
<i>KCP</i>	-3.266138	1.172231	-2.786258	0.005332049	0.045174297
<i>ENSG00000270024</i>	-4.423028	1.587524	-2.786116	0.00533437	0.045174297
<i>COMMD7</i>	-1.094367	0.392854	-2.785679	0.00534157	0.045174297
<i>LINC02656</i>	-2.552368	0.91626	-2.785637	0.005342267	0.045174297
<i>ENSG00000249141</i>	-3.067112	1.101129	-2.785424	0.005345772	0.045174297
<i>ENSG00000245498</i>	-3.593018	1.289971	-2.785347	0.005347047	0.045174297
<i>SLC27A3</i>	-2.418552	0.868864	-2.78358	0.005376256	0.045383928
<i>ENSG00000262420</i>	-3.275267	1.176743	-2.783332	0.005380378	0.045383928
<i>IZUMO4</i>	-1.101219	0.395702	-2.782953	0.005386661	0.045383928
<i>ENSG00000269176</i>	-2.875067	1.03312	-2.782898	0.005387574	0.045383928
<i>YRDC</i>	-2.84329	1.021814	-2.782591	0.005392682	0.045383928
<i>LARGE1</i>	-2.369424	0.851524	-2.78257	0.005393023	0.045383928
<i>PLK2</i>	-4.018963	1.444548	-2.782159	0.00539986	0.045411763
<i>ENSG00000270022</i>	-2.845802	1.023316	-2.78096	0.005419836	0.045549984
<i>TTYH1</i>	-4.090595	1.471742	-2.779423	0.005445552	0.045736235
<i>ENSG00000259520</i>	-4.134816	1.488531	-2.777784	0.005473107	0.04592137
<i>ING2</i>	-1.47853	0.532288	-2.777687	0.005474732	0.04592137
<i>EPHA1.AS1</i>	-2.193778	0.789894	-2.777306	0.005481147	0.045941257
<i>ENSG00000261613</i>	-3.605582	1.298316	-2.777123	0.005484244	0.045941257
<i>ENSG00000259153</i>	-2.464129	0.887534	-2.776378	0.005496825	0.046016687
<i>LY6E.DT</i>	-2.614447	0.941844	-2.775881	0.005505238	0.046042955
<i>GGT7</i>	-2.111566	0.760767	-2.775574	0.005510439	0.046042955
<i>MAPKBP1</i>	-2.145577	0.773067	-2.775408	0.005513242	0.046042955
<i>COQ3</i>	-2.759263	0.994204	-2.775347	0.005514276	0.046042955
<i>CAPN14</i>	-4.461281	1.607813	-2.774752	0.005524387	0.046075089
<i>LRRC27</i>	-1.918331	0.691377	-2.774652	0.00552608	0.046075089
<i>AHRR</i>	-3.418659	1.23228	-2.774256	0.005532804	0.046075089
<i>HAL</i>	-3.545346	1.278113	-2.773891	0.005539025	0.046075089
<i>RPL35</i>	-0.148872	0.053672	-2.77375	0.00554143	0.046075089
<i>CTU1</i>	-4.357563	1.571023	-2.77371	0.0055421	0.046075089
<i>DDX43</i>	-2.637649	0.95097	-2.773642	0.005543272	0.046075089
<i>ENSG00000261684</i>	-4.004894	1.444164	-2.773158	0.005551523	0.046075089
<i>ENSG00000255328</i>	-3.175841	1.145221	-2.773124	0.005552098	0.046075089

<i>MAST1</i>	-4.466241	1.61078	-2.77272	0.005558994	0.046075089
<i>ENSG00000261732</i>	-1.811899	0.653575	-2.772289	0.005566364	0.046075089
<i>RBKS</i>	-2.708021	0.976825	-2.77227	0.005566691	0.046075089
<i>DPH5</i>	-1.107225	0.399404	-2.772196	0.005567947	0.046075089
<i>ENSG00000280987</i>	-2.478818	0.89419	-2.772138	0.005568949	0.046075089
<i>DSCR9</i>	-3.8278	1.381078	-2.771603	0.0055781	0.046075089
<i>ENSG00000184271</i>	-2.45735	0.88662	-2.771595	0.005578243	0.046075089
<i>ENSG00000269737</i>	-3.00634	1.084714	-2.771551	0.005579	0.046075089
<i>YBEY</i>	-1.079212	0.389438	-2.771201	0.005584996	0.046095024
<i>VRK1</i>	-1.476334	0.532845	-2.770663	0.005594223	0.046141579
<i>FZD6</i>	-3.504192	1.26492	-2.770288	0.00560068	0.046144081
<i>ENSG00000270175</i>	-2.472971	0.892747	-2.770068	0.005604465	0.046144081
<i>ARL14EPL</i>	-2.548671	0.920091	-2.77002	0.005605285	0.046144081
<i>NEK11</i>	-3.737486	1.349386	-2.769768	0.00560963	0.046150323
<i>B3GNTL1</i>	-2.252584	0.81336	-2.769479	0.005614604	0.046161734
<i>SPATA5</i>	-1.950695	0.704458	-2.769073	0.005621601	0.046189745
<i>IL17RC</i>	-4.45461	1.609172	-2.768262	0.005635618	0.046275363
<i>GPAT2</i>	-4.323565	1.56244	-2.767188	0.005654207	0.046333227
<i>FITM1</i>	-3.221279	1.164163	-2.767034	0.005656887	0.046333227
<i>ENSG00000250075</i>	-2.629137	0.950189	-2.766963	0.005658121	0.046333227
<i>ITPKC</i>	-2.747738	0.993145	-2.766704	0.00566262	0.046333227
<i>KIAA1324L</i>	-2.470835	0.893071	-2.766674	0.00566313	0.046333227
<i>ENSG00000234290</i>	-4.347293	1.571435	-2.766448	0.005667064	0.046333227
<i>ST6GALNAC2</i>	-3.602314	1.302166	-2.766401	0.005667871	0.046333227
<i>ENSG00000227908</i>	-4.204376	1.520023	-2.765995	0.00567494	0.046361555
<i>ENSG00000258738</i>	-2.66284	0.962924	-2.76537	0.005685819	0.046420961
<i>SPTY2D1OS</i>	-3.432225	1.241538	-2.764494	0.005701118	0.046479903
<i>PIK3IP1.AS1</i>	-2.836221	1.026091	-2.764102	0.005707969	0.046479903
<i>RASAL2</i>	-2.934472	1.061652	-2.764062	0.005708661	0.046479903
<i>NINL</i>	-2.979253	1.077934	-2.763856	0.005712277	0.046479903
<i>ENSG00000274922</i>	-4.497049	1.627097	-2.763848	0.005712417	0.046479903
<i>HIST1H3H</i>	-3.135087	1.134373	-2.763717	0.005714713	0.046479903
<i>NEU3</i>	-2.561439	0.927064	-2.762958	0.005728016	0.04655055
<i>ENSG00000275180</i>	-2.563291	0.927843	-2.762635	0.005733692	0.04655055
<i>TTC12</i>	-2.499415	0.904732	-2.762603	0.005734252	0.04655055
<i>ENSG00000267011</i>	-3.225702	1.168112	-2.761466	0.005754244	0.046661746
<i>TIGD7</i>	-2.03989	0.738713	-2.761412	0.005755203	0.046661746
<i>DSCAML1</i>	-3.087603	1.118428	-2.760664	0.0057684	0.046739298
<i>ENSG00000259888</i>	-3.291486	1.192412	-2.760358	0.005773798	0.046753592
<i>ENSG00000261360</i>	-2.985062	1.081541	-2.760009	0.005779974	0.046765401
<i>CDYL2</i>	-3.756899	1.361262	-2.759865	0.005782525	0.046765401
<i>PANK1</i>	-2.966543	1.075325	-2.75874	0.005802464	0.046896653
<i>LINC01250</i>	-4.321618	1.566633	-2.758539	0.005806044	0.046896653
<i>IQCC</i>	-2.5641	0.929653	-2.758128	0.005813347	0.046926182
<i>C19orf33</i>	-2.895117	1.049977	-2.757313	0.005827848	0.04696095
<i>QPCTL</i>	-2.511724	0.910941	-2.757284	0.005828376	0.04696095
<i>LINC02210.CRHR1</i>	-3.339639	1.211304	-2.757062	0.005832335	0.04696095



<i>ENSG00000261441</i>	-3.605937	1.307949	-2.75694	0.005834498	0.04696095
<i>C16orf46</i>	-3.381739	1.226687	-2.756807	0.005836875	0.04696095
<i>ENSG00000272434</i>	-4.47823	1.624515	-2.756657	0.005839552	0.04696095
<i>PGP</i>	-2.027114	0.73543	-2.756367	0.005844734	0.046973261
<i>ENSG00000260060</i>	-3.15884	1.14616	-2.75602	0.005850942	0.046993801
<i>SLC39A14</i>	-3.962116	1.437908	-2.755473	0.005860742	0.047020022
<i>LINC01285</i>	-4.011848	1.456048	-2.755299	0.005863858	0.047020022
<i>HFE</i>	-2.428032	0.881246	-2.755226	0.005865169	0.047020022
<i>UTP15</i>	-2.044844	0.742342	-2.754585	0.005876661	0.047082813
<i>ENSG00000224905</i>	-3.619316	1.31416	-2.754091	0.005885545	0.047115174
<i>MSANTD3</i>	-2.106678	0.765062	-2.753605	0.005894294	0.047115174
<i>FEM1C</i>	-2.08519	0.75726	-2.753597	0.005894436	0.047115174
<i>ENSG00000257261</i>	-2.754088	1.000255	-2.753386	0.005898223	0.047115174
<i>LNX2</i>	-2.020268	0.733751	-2.753343	0.005899009	0.047115174
<i>EXOC6B</i>	-2.463626	0.894885	-2.753008	0.005905049	0.04713416
<i>KIZ.AS1</i>	-2.436049	0.885045	-2.752458	0.005914974	0.047184108
<i>PDSS1</i>	-2.468975	0.897314	-2.751516	0.005932005	0.04729065
<i>IER3.AS1</i>	-2.572568	0.935073	-2.751196	0.005937804	0.047299008
<i>SYNGAP1.AS1</i>	-2.227591	0.809723	-2.751053	0.005940405	0.047299008
<i>ITCH.AS1</i>	-3.428862	1.246959	-2.74978	0.005963528	0.047440347
<i>PHLPP1</i>	-2.084751	0.758197	-2.749615	0.005966532	0.047440347
<i>CDC42BPA</i>	-4.376074	1.591711	-2.749288	0.005972483	0.047440347
<i>SRCAP</i>	-2.630904	0.957178	-2.748606	0.005984933	0.047440347
<i>ENSG00000276449</i>	-2.270366	0.826118	-2.748233	0.005991745	0.047440347
<i>ENSG00000250616</i>	-2.828964	1.029427	-2.748096	0.005994249	0.047440347
<i>NUDT17</i>	-3.361029	1.223063	-2.748043	0.005995213	0.047440347
<i>ENSG00000260219</i>	-2.787931	1.014517	-2.748039	0.005995284	0.047440347
<i>SCML4</i>	-2.610444	0.949935	-2.748023	0.005995581	0.047440347
<i>DNAJA4</i>	-2.894283	1.05325	-2.747956	0.005996804	0.047440347
<i>LINC02035</i>	-2.771458	1.008591	-2.747852	0.005998713	0.047440347
<i>ENSG00000245975</i>	-4.031448	1.467295	-2.747538	0.006004455	0.047456587
<i>PPP2R3A</i>	-2.370426	0.862919	-2.746985	0.006014589	0.047507501
<i>ENSG00000226266</i>	-2.666397	0.971014	-2.745992	0.006032827	0.047611697
<i>SLC35G1</i>	-3.411937	1.242584	-2.74584	0.006035626	0.047611697
<i>GCNA</i>	-2.54785	0.927996	-2.745539	0.006041159	0.047611697
<i>TMEM121</i>	-3.821664	1.391993	-2.745462	0.006042582	0.047611697
<i>HIST1H2BK</i>	-2.158094	0.786122	-2.74524	0.006046662	0.047614684
<i>KLHL34</i>	-4.100939	1.494083	-2.744786	0.006055029	0.04765141
<i>WDR97</i>	-4.41398	1.608337	-2.744438	0.006061468	0.047663704
<i>SARM1</i>	-2.103814	0.766612	-2.744301	0.006064	0.047663704
<i>NATD1</i>	-2.497055	0.91001	-2.743987	0.006069791	0.047680102
<i>LIPT2</i>	-2.177118	0.793665	-2.743121	0.006085822	0.047776856
<i>ZDHHC18</i>	-1.945881	0.709549	-2.742419	0.006098851	0.047849945
<i>UNC5CL</i>	-3.248639	1.18478	-2.741977	0.006107062	0.047885169
<i>LRRC8C</i>	-2.141388	0.78125	-2.740976	0.006125697	0.047940112
<i>ENSG00000282386</i>	-2.574743	0.939363	-2.740946	0.006126255	0.047940112
<i>MAGIX</i>	-3.125011	1.140227	-2.740691	0.006131009	0.047940112

<i>ENSG00000279467</i>	-2.692841	0.982562	-2.740633	0.006132103	0.047940112
<i>MED27</i>	-2.529994	0.92327	-2.740255	0.006139155	0.047940112
<i>RFNG</i>	-2.057375	0.750804	-2.740229	0.006139637	0.047940112
<i>ENSG00000275413</i>	-3.20454	1.169502	-2.740088	0.006142277	0.047940112
<i>RIC8B</i>	-2.682593	0.979048	-2.740002	0.006143875	0.047940112
<i>TEX2</i>	-2.516946	0.91877	-2.739473	0.006153786	0.047988338
<i>UHRF1BP1</i>	-2.189775	0.799507	-2.738906	0.006164403	0.048042016
<i>PRSS21</i>	-4.292263	1.56729	-2.738652	0.006169154	0.048049945
<i>ENSG00000273373</i>	-2.181969	0.796883	-2.738129	0.006178988	0.048085387
<i>POMT2</i>	-2.536118	0.926263	-2.738012	0.006181179	0.048085387
<i>HAND2.AS1</i>	-3.954951	1.444608	-2.737732	0.006186445	0.048097276
<i>LLGL1</i>	-2.186543	0.798979	-2.736672	0.00620642	0.048223436
<i>FUT11</i>	-1.549017	0.566232	-2.735658	0.006225568	0.048337248
<i>KLHDC9</i>	-3.197609	1.168977	-2.735391	0.006230631	0.048337248
<i>ABCD1</i>	-2.560589	0.936218	-2.735034	0.006237385	0.048337248
<i>ZNF513</i>	-2.187223	0.799756	-2.734862	0.006240649	0.048337248
<i>ENSG00000245466</i>	-2.796497	1.022599	-2.734695	0.006243806	0.048337248
<i>CBLL1</i>	-1.433595	0.52425	-2.734564	0.00624629	0.048337248
<i>TTC22</i>	-3.268891	1.19548	-2.734375	0.006249877	0.048337248
<i>KLB</i>	-3.431404	1.255164	-2.733828	0.006260267	0.048337248
<i>ENSG00000255224</i>	-3.970289	1.452314	-2.733768	0.006261409	0.048337248
<i>ENSG00000260495</i>	-2.370255	0.867087	-2.733584	0.00626491	0.048337248
<i>ENTR1</i>	-1.789442	0.654618	-2.733568	0.006265226	0.048337248
<i>ARF4.AS1</i>	-2.447484	0.89536	-2.733519	0.006266148	0.048337248
<i>SYT5</i>	-4.19074	1.533384	-2.733001	0.006276012	0.048384329
<i>PLPPR2</i>	-4.334269	1.586493	-2.731982	0.006295465	0.048503969
<i>DLG4</i>	-4.250484	1.555932	-2.731793	0.00629907	0.048503969
<i>PIGB</i>	-1.793852	0.656813	-2.731146	0.006311446	0.048570199
<i>STIMATE</i>	-3.175454	1.162872	-2.7307	0.006319997	0.048606932
<i>DGCR6</i>	-2.765962	1.013042	-2.730353	0.006326653	0.048623523
<i>ENSG00000266340</i>	-2.488098	0.911327	-2.730194	0.006329712	0.048623523
<i>FBXO45</i>	-2.318563	0.849398	-2.729654	0.006340087	0.048650764
<i>NEDD4L</i>	-2.596456	0.951275	-2.729448	0.006344039	0.048650764
<i>ZC2HC1C</i>	-2.204809	0.807853	-2.729221	0.006348406	0.048650764
<i>LRATD2</i>	-3.186803	1.167716	-2.729092	0.006350905	0.048650764
<i>ENSG00000228005</i>	-3.240938	1.18758	-2.729026	0.006352163	0.048650764
<i>GSTA4</i>	-3.059298	1.121239	-2.728498	0.00636235	0.048678369
<i>SCRG1</i>	-2.67262	0.979539	-2.728447	0.006363334	0.048678369
<i>LINC01481</i>	-4.200504	1.539695	-2.728139	0.006369272	0.048694842
<i>DNAJB5</i>	-3.890297	1.426679	-2.726821	0.006394766	0.048860718
<i>ENSG00000230709</i>	-2.2449	0.823405	-2.726363	0.006403659	0.048899631
<i>HIST2H2BF</i>	-2.508832	0.920367	-2.725905	0.006412549	0.048938478
<i>ENSG00000132481</i>	-4.154198	1.524658	-2.724676	0.006436461	0.049091847
<i>NBEAL2</i>	-2.224102	0.81696	-2.722412	0.006480731	0.049398934
<i>ENSG00000276075</i>	-3.471097	1.275182	-2.72204	0.006488028	0.049398934
<i>LINC01004</i>	-3.47283	1.275824	-2.722029	0.006488241	0.049398934
<i>LRRFIP1</i>	-0.673056	0.247384	-2.720693	0.00651452	0.049569677

ZNF485	-2.044715	0.751631	-2.720371	0.006520862	0.049588611
MYBPC2	-3.140532	1.154951	-2.719192	0.006544168	0.049698704
DNAJC5B	-2.298146	0.845185	-2.719106	0.00654587	0.049698704
ENSG00000229728	-3.880276	1.427069	-2.719052	0.006546926	0.049698704
ANKS1A	-2.356635	0.867194	-2.717542	0.006576884	0.049877582
TBC1D2	-3.857391	1.419479	-2.71747	0.006578308	0.049877582
NP1PB6	-3.884665	1.429616	-2.717278	0.00658212	0.049877582
SMYD3	-1.785778	0.657288	-2.716887	0.006589908	0.049892952
ENSG00000269318	-4.107146	1.511844	-2.716647	0.006594685	0.049892952
MORN4	-4.219507	1.553235	-2.716592	0.006595781	0.049892952
TTC30B	-2.78022	1.023716	-2.715812	0.006611341	0.04998127
TIGD6	-2.38776	0.879294	-2.715542	0.006616736	0.049992684
ZNF571	-1.948713	0.718066	-2.713834	0.006650953	0.05022172
ZNF831	-4.225178	1.55715	-2.713404	0.006659584	0.0502286
ENSG00000280316	-2.409851	0.888193	-2.713207	0.006663538	0.0502286
MZF1.AS1	-2.889304	1.064969	-2.713041	0.006666885	0.0502286
LINC02362	-2.43306	0.896812	-2.713012	0.006667479	0.0502286
UST	-2.412378	0.889503	-2.712051	0.006686837	0.050326495
GPRC5D.AS1	-3.522637	1.298918	-2.711978	0.006688296	0.050326495
TFR2	-2.353497	0.868276	-2.710541	0.00671736	0.050457977
PAQR4	-4.095563	1.510977	-2.71054	0.006717366	0.050457977
ENSG00000272037	-3.237383	1.19439	-2.710491	0.006718377	0.050457977
FBXL13	-4.181355	1.542743	-2.710339	0.006721456	0.050457977
ZNF74	-2.211579	0.816073	-2.710026	0.006727802	0.05047617
IL24	-3.559364	1.313588	-2.709651	0.0067354	0.050484504
HIST1H4J	-2.172019	0.801606	-2.709584	0.00673676	0.050484504
RCOR1	-1.96949	0.726957	-2.709225	0.006744065	0.050509831
ZNF613	-2.121375	0.78319	-2.708636	0.006756047	0.050557471
ENSG00000266993	-3.323522	1.22706	-2.708526	0.006758285	0.050557471
ZNF404	-2.326762	0.85912	-2.708308	0.006762716	0.050561223
TRIM2	-4.31042	1.592278	-2.707077	0.006787841	0.050693036
ENSG00000257221	-3.16416	1.168966	-2.706802	0.006793482	0.050693036
LINC00663	-2.056705	0.759833	-2.706788	0.006793772	0.050693036
ZEB2.AS1	-2.364687	0.873651	-2.706674	0.006796105	0.050693036
PRKAR2A.AS1	-4.049832	1.496572	-2.706072	0.006808423	0.050737887
ENSG00000234484	-4.159488	1.537154	-2.705966	0.006810592	0.050737887
ACCS	-1.831461	0.676864	-2.705803	0.006813948	0.050737887
ENSG00000271895	-2.833421	1.047318	-2.705406	0.006822095	0.050769167
ZNF436	-3.429625	1.268135	-2.704463	0.006841482	0.050881552
DUSP11	1.91346	0.707576	2.704244	0.006845994	0.050881552
ENSG00000259915	-3.869735	1.431064	-2.704096	0.00684906	0.050881552
TOLLIP.AS1	-2.858894	1.057404	-2.70369	0.006857429	0.050894781
FGF14.AS2	-3.245785	1.200531	-2.703626	0.006858751	0.050894781
ELOVL5	-0.907018	0.335544	-2.703125	0.006869089	0.050931
SMOX	-3.484356	1.289067	-2.703006	0.006871549	0.050931
SMURF1	-2.140038	0.791874	-2.702498	0.006882064	0.050955648
WDR25	-2.304931	0.852959	-2.702277	0.006886637	0.050955648

<i>GNMT</i>	-4.049505	1.498661	-2.702082	0.006890674	0.050955648
<i>ENSG00000282246</i>	-2.334154	0.863836	-2.70208	0.006890715	0.050955648
<i>ENSG00000272716</i>	-2.508432	0.928468	-2.701689	0.006898819	0.050957865
<i>ENSG00000263809</i>	-2.691184	0.996161	-2.701554	0.006901618	0.050957865
<i>TEAD2</i>	-3.996894	1.479753	-2.701054	0.006912009	0.050957865
<i>BDH1</i>	-1.805174	0.668346	-2.700956	0.006914055	0.050957865
<i>ENO1.AS1</i>	-2.748807	1.017769	-2.700816	0.006916963	0.050957865
<i>PRDM1</i>	-3.150423	1.166542	-2.700651	0.006920388	0.050957865
<i>MAPK11</i>	-2.5291	0.936572	-2.700381	0.006926004	0.050957865
<i>TMEM52</i>	-3.321424	1.230023	-2.700294	0.006927821	0.050957865
<i>DIPK1B</i>	-2.505207	0.927801	-2.700156	0.006930704	0.050957865
<i>C6orf132</i>	-4.132684	1.530701	-2.699864	0.006936781	0.050957865
<i>SLC26A6</i>	-1.967012	0.728567	-2.699837	0.00693735	0.050957865
<i>DFFB</i>	-2.061024	0.763404	-2.69978	0.006938539	0.050957865
<i>ENSG00000227741</i>	-4.116178	1.524934	-2.69925	0.006949597	0.05100996
<i>AMY2B</i>	-2.612278	0.967854	-2.699041	0.006953964	0.051012917
<i>CLDN12</i>	-2.291188	0.849526	-2.697018	0.006996358	0.051284803
<i>CCDC102A</i>	-2.324917	0.862148	-2.696656	0.007003966	0.051284803
<i>ZBED2</i>	-1.786821	0.662636	-2.696534	0.007006529	0.051284803
<i>HCG25</i>	-2.446146	0.907161	-2.696484	0.007007579	0.051284803
<i>PPL</i>	-2.596894	0.963124	-2.696323	0.007010956	0.051284803
<i>ZFP41</i>	-2.374694	0.880792	-2.696088	0.007015915	0.051291917
<i>GOLGA6L10</i>	-2.897638	1.074892	-2.695748	0.007023075	0.051301898
<i>ENSG00000228506</i>	-4.237163	1.571855	-2.695645	0.007025254	0.051301898
<i>SLC16A5</i>	-2.747713	1.019431	-2.695339	0.007031711	0.051312838
<i>ENSG00000259939</i>	-4.110396	1.525082	-2.695196	0.007034728	0.051312838
<i>ARSA</i>	-1.742578	0.646753	-2.694348	0.007052652	0.051414434
<i>ABHD2</i>	-1.775244	0.659016	-2.693782	0.007064632	0.051462993
<i>YTHDC2</i>	-1.507478	0.55964	-2.693656	0.007067312	0.051462993
<i>ANKRD6</i>	-2.500483	0.928532	-2.692942	0.007082457	0.051544106
<i>PUS7</i>	-2.690395	0.999211	-2.692518	0.007091466	0.051580492
<i>FBXO41</i>	-2.567383	0.953727	-2.691949	0.007103586	0.05163946
<i>ENSG00000249209</i>	-3.908829	1.452203	-2.691654	0.007109875	0.051655989
<i>KCNA3</i>	-2.896977	1.076729	-2.690536	0.007133743	0.051800154
<i>ENSG00000244198</i>	-4.152675	1.54365	-2.690166	0.007141657	0.051809117
<i>PI4K2A</i>	-2.291575	0.851854	-2.690101	0.007143031	0.051809117
<i>ZNF436.AS1</i>	-2.326595	0.865179	-2.689149	0.007163437	0.05191955
<i>KLRD1</i>	-3.022934	1.124212	-2.688937	0.007168	0.05191955
<i>YES1</i>	-3.346473	1.244692	-2.688596	0.007175322	0.05191955
<i>MMAA</i>	-2.541706	0.9456	-2.687928	0.007189681	0.05191955
<i>C15orf65</i>	-2.323236	0.864499	-2.687379	0.007201528	0.05191955
<i>JMJD1C.AS1</i>	-2.968914	1.104778	-2.687341	0.007202348	0.05191955
<i>RWDD2A</i>	-2.101565	0.782027	-2.687331	0.007202544	0.05191955
<i>GINS3</i>	-2.848612	1.060042	-2.687263	0.007204012	0.05191955
<i>ENSG00000272696</i>	-3.42289	1.273798	-2.687153	0.007206399	0.05191955
<i>CCDC121</i>	-3.89415	1.44925	-2.68701	0.00720948	0.05191955
<i>CLHC1</i>	-2.180559	0.811635	-2.686627	0.007217757	0.05191955

<i>PTCH2</i>	-2.920315	1.087012	-2.686553	0.007219341	0.05191955
<i>LY86.AS1</i>	-4.350818	1.619495	-2.686528	0.007219891	0.05191955
<i>ARMC2</i>	-2.376931	0.884794	-2.686423	0.007222164	0.05191955
<i>FAM230H</i>	-4.283478	1.594602	-2.686237	0.007226181	0.05191955
<i>GDPD3</i>	-2.659691	0.990167	-2.686103	0.007229087	0.05191955
<i>PRRG4</i>	-2.539675	0.945523	-2.686	0.007231301	0.05191955
<i>LUC7L3</i>	-0.598569	0.22286	-2.685849	0.007234569	0.05191955
<i>DACT3</i>	-2.644594	0.984702	-2.68568	0.007238243	0.05191955
<i>BORA</i>	-2.062971	0.768147	-2.685647	0.007238958	0.05191955
<i>ENSG00000228302</i>	-2.979523	1.109519	-2.685418	0.007243916	0.051926165
<i>L2HGDH</i>	-2.160384	0.804546	-2.685221	0.007248197	0.051927921
<i>ENC1</i>	-2.525034	0.940648	-2.684355	0.007266987	0.052033569
<i>PER3</i>	-3.112322	1.159774	-2.683558	0.007284325	0.052128705
<i>ENSG00000273367</i>	-4.182381	1.55885	-2.682991	0.00729669	0.052169611
<i>SFMBT2</i>	-3.319919	1.237426	-2.682924	0.00729815	0.052169611
<i>PDIA3</i>	-0.860728	0.320863	-2.682538	0.007306579	0.052176127
<i>MIAT</i>	-3.090878	1.152233	-2.682511	0.007307172	0.052176127
<i>STX1A</i>	-4.264129	1.589831	-2.682128	0.007315553	0.052180183
<i>HS3ST3B1</i>	-2.42552	0.904453	-2.681752	0.007323767	0.052180183
<i>IL12A</i>	-2.397993	0.894202	-2.681714	0.007324594	0.052180183
<i>CRYBG3</i>	-2.140778	0.798297	-2.681681	0.007325336	0.052180183
<i>TRPV3</i>	-3.034866	1.131829	-2.681381	0.007331893	0.052180183
<i>CLDN11</i>	-3.436798	1.281731	-2.681373	0.007332072	0.052180183
<i>PSMD5</i>	-1.575579	0.587693	-2.680953	0.007341272	0.052216112
<i>ENSG00000255121</i>	-2.658721	0.991865	-2.680527	0.007350631	0.052216112
<i>ENSG00000272644</i>	-3.871655	1.444395	-2.680469	0.007351911	0.052216112
<i>PERP</i>	-2.524494	0.941834	-2.680403	0.007353353	0.052216112
<i>ENSG00000262413</i>	-3.369403	1.257299	-2.679875	0.007364974	0.052269787
<i>GADD45G</i>	-3.554122	1.326403	-2.679519	0.007372793	0.052296434
<i>LNX1</i>	-2.183629	0.814999	-2.679303	0.007377567	0.052301462
<i>KLHL26</i>	-2.127421	0.794625	-2.677263	0.007422636	0.052591989
<i>AGFG2</i>	-2.525441	0.943385	-2.677	0.007428455	0.052604257
<i>ENSG00000251034</i>	-4.232461	1.581172	-2.676787	0.007433194	0.052608859
<i>ENSG00000272379</i>	-2.651422	0.990676	-2.676375	0.007442324	0.052644519
<i>POMGNT2</i>	-2.382008	0.890235	-2.675707	0.007457185	0.052685955
<i>ENSG00000267317</i>	-2.367901	0.885006	-2.675576	0.007460106	0.052685955
<i>MAPK12</i>	-4.070053	1.521197	-2.675559	0.007460466	0.052685955
<i>KCNAB3</i>	-3.237431	1.210116	-2.675306	0.00746611	0.052696894
<i>OXNAD1</i>	-2.039791	0.762513	-2.675088	0.007470966	0.05270226
<i>GSEC</i>	-3.79852	1.420184	-2.674667	0.007480343	0.052739491
<i>SLC43A1</i>	-2.817811	1.053619	-2.674412	0.007486049	0.05274077
<i>ZNF805</i>	-3.790265	1.417465	-2.673974	0.007495833	0.05274077
<i>ENSG00000258623</i>	-2.59361	0.969955	-2.67395	0.007496367	0.05274077
<i>CDCA3</i>	-4.064456	1.520034	-2.673925	0.00749692	0.05274077
<i>LINC01209</i>	-4.056297	1.517171	-2.673592	0.007504371	0.052756407
<i>HAAO</i>	-2.482477	0.928564	-2.673459	0.007507343	0.052756407
<i>LATS2.AS1</i>	-2.59097	0.969365	-2.672852	0.007520942	0.052789293

<i>ENSG00000232412</i>	-3.095001	1.158032	-2.672638	0.007525737	0.052789293
<i>BCORL1</i>	-2.302915	0.861713	-2.672485	0.007529166	0.052789293
<i>H2BFS</i>	-2.493688	0.933242	-2.672071	0.007538465	0.052789293
<i>ZNF219</i>	-2.306529	0.86321	-2.672036	0.007539248	0.052789293
<i>C20orf144</i>	-3.045872	1.139908	-2.672032	0.007539346	0.052789293
<i>PWP2</i>	-3.303416	1.236322	-2.67197	0.007540742	0.052789293
<i>ENSG00000260641</i>	-3.696671	1.3837	-2.671583	0.007549433	0.052818632
<i>CCDC85C</i>	-2.53457	0.948773	-2.671418	0.007553142	0.052818632
<i>EPHX2</i>	-3.431721	1.284759	-2.671101	0.007560286	0.052839869
<i>ROM1</i>	-2.559892	0.958518	-2.670677	0.007569855	0.052878026
<i>FRS3</i>	-2.308871	0.864621	-2.670385	0.007576437	0.052895291
<i>ATG9B</i>	-3.381813	1.266928	-2.669302	0.007600903	0.05303732
<i>ENSG00000228863</i>	-3.672922	1.376408	-2.668484	0.007619444	0.053084988
<i>MYOM1</i>	-2.677632	1.003446	-2.668437	0.007620499	0.053084988
<i>CNNM2</i>	-1.999635	0.749383	-2.668375	0.007621918	0.053084988
<i>CYB561</i>	-2.455254	0.920228	-2.668092	0.007628337	0.053084988
<i>RAD51</i>	-3.787149	1.419423	-2.668091	0.007628363	0.053084988
<i>ENSG00000238287</i>	-2.379847	0.892081	-2.667748	0.007636155	0.053091087
<i>TSPAN32</i>	-2.916409	1.093234	-2.667689	0.007637491	0.053091087
<i>ZNF79</i>	-2.312296	0.867023	-2.666937	0.007654603	0.053181306
<i>ACACB</i>	-2.1892	0.821183	-2.665911	0.007678003	0.053315092
<i>FBXO9</i>	-1.145931	0.4299	-2.665575	0.007685672	0.053316585
<i>STEAP4</i>	-2.915739	1.093865	-2.665539	0.007686505	0.053316585
<i>DARS2</i>	-2.089831	0.78418	-2.66499	0.007699068	0.053365068
<i>DGKH</i>	-3.164691	1.187559	-2.664871	0.00770179	0.053365068
<i>RFESD</i>	-2.644511	0.992545	-2.664375	0.007713162	0.053415099
<i>ENSG00000274104</i>	-2.361649	0.886521	-2.66395	0.007722897	0.053436731
<i>ZNF77</i>	-2.086476	0.783299	-2.663703	0.007728581	0.053436731
<i>LINC01023</i>	-3.253782	1.221529	-2.663696	0.007728745	0.053436731
<i>ADCK1</i>	-2.515952	0.944751	-2.663084	0.007742813	0.053505249
<i>ASAH2B</i>	-2.344101	0.880501	-2.662236	0.007762336	0.053585173
<i>DDX31</i>	-2.130156	0.800143	-2.66222	0.007762708	0.053585173
<i>TSNARE1</i>	-3.454332	1.297724	-2.661839	0.007771501	0.053610664
<i>MATR3</i>	-2.175025	0.817166	-2.661669	0.007775435	0.053610664
<i>ZNF512B</i>	-2.831081	1.063709	-2.661519	0.0077789	0.053610664
<i>TNRC6B</i>	-0.568096	0.213514	-2.660696	0.007797941	0.053702197
<i>ZFYVE28</i>	-2.723595	1.023683	-2.660584	0.007800529	0.053702197
<i>CPNE2</i>	-3.075126	1.155998	-2.660149	0.007810604	0.053725097
<i>PODXL2</i>	-2.459151	0.924563	-2.659797	0.007818786	0.053725097
<i>FAM227A</i>	-4.07145	1.530779	-2.659725	0.007820458	0.053725097
<i>CA2</i>	-3.062051	1.151268	-2.65972	0.007820557	0.053725097
<i>NEB</i>	-2.962883	1.114131	-2.659367	0.007828762	0.053752764
<i>SH2B1</i>	-1.297963	0.488181	-2.658774	0.007842548	0.0538187
<i>PSMD6.AS1</i>	-3.339999	1.25661	-2.657945	0.007861877	0.053895822
<i>C1orf198</i>	-2.448144	0.921071	-2.657933	0.007862163	0.053895822
<i>KIF11</i>	-3.827322	1.440126	-2.65763	0.007869217	0.053915448
<i>ANXA1</i>	-3.673819	1.382717	-2.656957	0.007884945	0.053994456

<i>PPP1R3F</i>	-3.745095	1.40987	-2.656341	0.007899379	0.054064529
<i>ALPK1</i>	-1.793884	0.675401	-2.656028	0.00790671	0.054072884
<i>MBTPS2</i>	-2.056169	0.774218	-2.655802	0.007911997	0.054072884
<i>ENSG00000258572</i>	-2.425017	0.913153	-2.655652	0.00791553	0.054072884
<i>CLDN23</i>	-4.044959	1.523197	-2.655572	0.00791741	0.054072884
<i>GHRLOS</i>	-3.903784	1.47024	-2.655203	0.007926081	0.054103387
<i>ENSG00000234665</i>	-3.28367	1.236966	-2.654617	0.007939855	0.054143853
<i>CLUH</i>	-2.427324	0.9144	-2.654552	0.007941371	0.054143853
<i>CCDC51</i>	-1.730673	0.651998	-2.654414	0.007944633	0.054143853
<i>TSC22D1.AS1</i>	-4.158289	1.566941	-2.653762	0.007960003	0.054219881
<i>IGKV1.5</i>	-2.789788	1.051457	-2.653258	0.007971888	0.054272109
<i>PABPN1</i>	-0.779402	0.293774	-2.65307	0.007976328	0.054273619
<i>TMEM44</i>	-4.12375	1.554597	-2.652618	0.007987026	0.054317685
<i>DARS.AS1</i>	-2.096765	0.790783	-2.651505	0.008013392	0.054448745
<i>TNFRSF4</i>	-3.812563	1.437953	-2.651381	0.008016327	0.054448745
<i>EXOC8</i>	-2.016082	0.760479	-2.651069	0.008023753	0.054448745
<i>CTPS2</i>	-2.346152	0.885026	-2.65094	0.008026812	0.054448745
<i>MORN3</i>	-2.407462	0.908163	-2.650913	0.008027455	0.054448745
<i>ENSG00000255237</i>	-3.423996	1.291789	-2.650585	0.008035252	0.054472911
<i>SEPTIN8</i>	-4.181623	1.578195	-2.649624	0.008058137	0.054598207
<i>YIPF5</i>	-1.076953	0.406518	-2.649213	0.008067958	0.054598207
<i>ENSG00000262151</i>	-3.975427	1.50062	-2.649189	0.008068509	0.054598207
<i>KLHDC8B</i>	-3.344692	1.262578	-2.649097	0.008070707	0.054598207
<i>MAP3K7CL</i>	-2.079194	0.784935	-2.648874	0.00807604	0.054605572
<i>TANC2</i>	-2.804465	1.059075	-2.648034	0.008096149	0.05470089
<i>LINC02604</i>	-2.973483	1.122946	-2.64793	0.00809864	0.05470089
<i>VPS9D1</i>	-2.509257	0.947887	-2.647211	0.008115865	0.054788474
<i>C9orf139</i>	-3.998113	1.510519	-2.646847	0.00812462	0.054801777
<i>EGR1</i>	-2.756945	1.041677	-2.646641	0.008129562	0.054801777
<i>FOCAD</i>	-3.21855	1.216229	-2.646336	0.008136889	0.054801777
<i>HIST1H2BH</i>	-2.271726	0.858456	-2.646291	0.008137968	0.054801777
<i>MSH5</i>	-2.388134	0.902462	-2.646243	0.008139131	0.054801777
<i>SOCS7</i>	-2.047875	0.773945	-2.646021	0.008144481	0.054809119
<i>C17orf67</i>	-1.978035	0.747602	-2.645838	0.008148885	0.054810093
<i>ZNF709</i>	-3.784006	1.430556	-2.64513	0.00816596	0.054896242
<i>ENSG00000269246</i>	-2.590177	0.97931	-2.6449	0.00817151	0.054904867
<i>MORC4</i>	-3.636321	1.375159	-2.64429	0.008186242	0.054971132
<i>IRAK1BP1</i>	-2.091168	0.790869	-2.644138	0.008189917	0.054971132
<i>PRMT6</i>	-1.734249	0.655963	-2.643823	0.008197559	0.054993738
<i>NRG2</i>	-4.03364	1.526078	-2.643142	0.008214065	0.055075755
<i>PSMD6.AS2</i>	-2.855858	1.080653	-2.642716	0.0082244	0.055091737
<i>ZNF658</i>	-2.385491	0.902675	-2.642691	0.008225012	0.055091737
<i>SEC22C</i>	-1.285853	0.486637	-2.642322	0.008233979	0.055094441
<i>ENSG00000272693</i>	-4.084819	1.54592	-2.642322	0.008233964	0.055094441
<i>ENSG00000255062</i>	-2.538534	0.960971	-2.641636	0.008250668	0.055177412
<i>AGPAT4</i>	-2.218324	0.839812	-2.641453	0.008255127	0.055178555
<i>CCDC153</i>	-3.118634	1.180785	-2.641154	0.008262409	0.055198556

<i>CAMK1</i>	-3.523402	1.334561	-2.640121	0.008287637	0.055338363
<i>BAIAP2</i>	-2.837961	1.075069	-2.639794	0.008295641	0.055363079
<i>ENSG00000238260</i>	-2.946988	1.116504	-2.639479	0.008303361	0.055385871
<i>KCNJ5</i>	-4.375737	1.658634	-2.638156	0.008335812	0.055555709
<i>GALNT14</i>	-2.498015	0.946903	-2.638089	0.008337458	0.055555709
<i>SELPLG</i>	-2.466298	0.934997	-2.637761	0.008345549	0.055580836
<i>CFAP54</i>	-3.20165	1.213929	-2.637426	0.008353773	0.055606826
<i>FMN1</i>	-4.330042	1.641909	-2.6372	0.008359353	0.0556152
<i>TCFL5</i>	-2.358655	0.894628	-2.636463	0.008377532	0.055707339
<i>ENSG00000262312</i>	-2.636291	1.000307	-2.635482	0.008401777	0.055839701
<i>ADNP</i>	-1.113101	0.422392	-2.635235	0.008407902	0.055850597
<i>SEC24B.AS1</i>	-2.221291	0.842974	-2.635066	0.008412097	0.055850597
<i>RIOX2</i>	-1.660203	0.630115	-2.634762	0.008419623	0.055853534
<i>TMSB15B</i>	-2.196211	0.833602	-2.634605	0.008423514	0.055853534
<i>C3orf18</i>	-3.234477	1.227774	-2.634424	0.008428005	0.055853534
<i>HOOK1</i>	-2.682645	1.018334	-2.634348	0.008429903	0.055853534
<i>SUFU</i>	-2.139797	0.812351	-2.634079	0.008436582	0.055858924
<i>ENSG00000275709</i>	-4.032011	1.530812	-2.633903	0.008440957	0.055858924
<i>DCBLD2</i>	-2.462275	0.934884	-2.633776	0.008444119	0.055858924
<i>ATP8B1</i>	-2.256048	0.856635	-2.633617	0.008448082	0.055858924
<i>AGBL3</i>	-2.429923	0.922718	-2.63344	0.008452487	0.055859349
<i>ENSG00000215068</i>	-2.878819	1.093252	-2.633262	0.008456905	0.055859853
<i>ENSG00000248787</i>	-4.148543	1.576077	-2.632195	0.00848351	0.056006833
<i>HS6ST1</i>	-2.545478	0.967206	-2.631785	0.008493755	0.056045713
<i>CCR7</i>	0.4769	0.181225	2.631533	0.008500054	0.056058532
<i>TEDC2</i>	-3.261565	1.23989	-2.630527	0.008525263	0.056195984
<i>CRACR2B</i>	-4.124536	1.568195	-2.630117	0.008535547	0.056234963
<i>GCK</i>	-3.677685	1.398532	-2.629676	0.008546636	0.056279205
<i>SH3BGR</i>	-3.786443	1.440042	-2.629398	0.008553613	0.056288646
<i>STOML1</i>	-2.276719	0.865913	-2.629271	0.008556819	0.056288646
<i>OXER1</i>	-3.547869	1.349676	-2.628682	0.008571659	0.0563305
<i>PAQR7</i>	-2.281453	0.867912	-2.62867	0.008571937	0.0563305
<i>ENSG00000260805</i>	-2.185041	0.831527	-2.627744	0.008595307	0.056430825
<i>MLXIPL</i>	-4.046651	1.539987	-2.627718	0.008595976	0.056430825
<i>TRIM24</i>	-1.99767	0.760493	-2.62681	0.008618935	0.056510223
<i>B4GAT1</i>	-1.999177	0.76109	-2.62673	0.008620971	0.056510223
<i>PEAK3</i>	-3.973157	1.512615	-2.626682	0.008622193	0.056510223
<i>ENSG00000261177</i>	-4.471762	1.70261	-2.626415	0.008628945	0.056510223
<i>DHRS11</i>	-2.205324	0.839684	-2.626373	0.008630029	0.056510223
<i>COL4A3</i>	-4.041357	1.539151	-2.625705	0.00864697	0.056592355
<i>ENSG00000260879</i>	-2.462569	0.938326	-2.624427	0.008679485	0.056776272
<i>DHX35</i>	-2.357416	0.898373	-2.624095	0.008687951	0.056802774
<i>ECHDC3</i>	-2.090524	0.796845	-2.623501	0.008703125	0.056873089
<i>IL11RA</i>	-2.111923	0.805122	-2.623109	0.008713145	0.056909664
<i>ZNF81</i>	-2.406731	0.917664	-2.622671	0.008724349	0.056929748
<i>PRNCR1</i>	-2.247285	0.856878	-2.622643	0.008725069	0.056929748
<i>ENSG00000270012</i>	-3.608365	1.376223	-2.621934	0.008743236	0.056961958



<i>ENSG00000261889</i>	-2.49537	0.951749	-2.621877	0.008744697	0.056961958
<i>ENSG00000257831</i>	-2.541027	0.96919	-2.621804	0.008746577	0.056961958
<i>AGAP5</i>	-2.326562	0.887405	-2.621759	0.008747732	0.056961958
<i>ENSG00000272186</i>	-2.989987	1.140526	-2.621587	0.00875214	0.056961958
<i>FKBP8</i>	-0.617441	0.235576	-2.62098	0.008767741	0.057034643
<i>ENSG00000177406</i>	-1.945167	0.742238	-2.620677	0.008775534	0.057056493
<i>PHF2</i>	-2.081342	0.794302	-2.620342	0.008784174	0.05708382
<i>NDUFB2.AS1</i>	-2.479621	0.94652	-2.619723	0.008800113	0.057131443
<i>NIPSNAP3B</i>	-1.928395	0.736109	-2.619713	0.008800382	0.057131443
<i>FAS</i>	-1.945689	0.743184	-2.618045	0.008843513	0.057368136
<i>SHLD3</i>	-1.999199	0.763658	-2.617926	0.00884659	0.057368136
<i>ZNF778</i>	-2.038969	0.77889	-2.617786	0.008850218	0.057368136
<i>TLCD1</i>	-2.825362	1.079457	-2.617391	0.008860477	0.057378224
<i>TUBG2</i>	-2.320254	0.886479	-2.617383	0.008860693	0.057378224
<i>ZNF618</i>	-3.06364	1.170838	-2.616622	0.008880455	0.057477271
<i>UGDH.AS1</i>	-2.941209	1.124449	-2.61569	0.008904731	0.057605414
<i>VLDLR</i>	-3.445856	1.317869	-2.614719	0.008930095	0.057725358
<i>VASH1.AS1</i>	-2.451082	0.937494	-2.614505	0.008935698	0.057725358
<i>FBF1</i>	-2.08723	0.798339	-2.614465	0.008936731	0.057725358
<i>TTC34</i>	-2.273214	0.869541	-2.614269	0.008941856	0.057729483
<i>EOGT</i>	-3.158406	1.208758	-2.612934	0.008976872	0.057926486
<i>ENSG00000214770</i>	-2.036152	0.779417	-2.612403	0.008990828	0.057987463
<i>IER5L</i>	-3.227445	1.235544	-2.612166	0.008997046	0.057998494
<i>LINC01535</i>	-3.19293	1.222741	-2.611289	0.009020168	0.058082381
<i>SLC48A1</i>	-1.526799	0.584706	-2.611224	0.009021866	0.058082381
<i>FKBP1B</i>	-1.999374	0.765704	-2.611159	0.009023601	0.058082381
<i>ENSG00000271741</i>	-2.790994	1.068952	-2.610962	0.009028797	0.058086763
<i>NOL6</i>	-2.518088	0.964913	-2.609654	0.009063383	0.058280135
<i>ZNF558</i>	-1.91703	0.734853	-2.608727	0.009087975	0.058388519
<i>HTRA4</i>	-5.029205	1.927876	-2.608676	0.00908932	0.058388519
<i>DAGLB</i>	-1.727897	0.662485	-2.608205	0.009101843	0.058388519
<i>RTKN</i>	-1.919493	0.735975	-2.608097	0.009104719	0.058388519
<i>ENSG00000272335</i>	-2.377759	0.911684	-2.608096	0.00910475	0.058388519
<i>SMG8</i>	-3.507973	1.345085	-2.607994	0.009107465	0.058388519
<i>ITGA11</i>	-4.737151	1.816594	-2.607711	0.009114999	0.058407718
<i>SRR</i>	-2.166708	0.830954	-2.607495	0.009120729	0.058415339
<i>PUS10</i>	-2.035986	0.780873	-2.60732	0.009125391	0.058416125
<i>ZMYND10</i>	-3.24438	1.244418	-2.607147	0.009130017	0.058416673
<i>LINC02062</i>	-3.569915	1.369505	-2.60672	0.009141415	0.058438542
<i>ENSG00000277476</i>	-2.673821	1.025758	-2.606678	0.009142518	0.058438542
<i>FAM71F2</i>	-3.308587	1.269478	-2.606257	0.009153766	0.058481381
<i>MEX3A</i>	-3.899752	1.497026	-2.604999	0.009187459	0.058667512
<i>ENSG00000260267</i>	-2.213884	0.850168	-2.604055	0.009212805	0.058768349
<i>MRPS6</i>	0.734447	0.282046	2.604	0.009214271	0.058768349
<i>ENSG00000274184</i>	-1.998089	0.767362	-2.603841	0.009218548	0.058768349
<i>ENSG00000282951</i>	-3.41716	1.31246	-2.603629	0.009224263	0.058768349
<i>TUNAR</i>	-2.932626	1.126408	-2.60352	0.009227193	0.058768349

<i>ENSG00000246528</i>	-2.372495	0.91131	-2.603391	0.009230655	0.058768349
<i>MCPH1.AS1</i>	-3.818388	1.467124	-2.602635	0.00925104	0.058840575
<i>ERMN</i>	-2.98046	1.145172	-2.602631	0.009251145	0.058840575
<i>ENSG00000272008</i>	-4.015116	1.543115	-2.601956	0.009269379	0.058927421
<i>BRPF3</i>	-2.067033	0.794508	-2.601653	0.009277576	0.058950408
<i>LRFN1</i>	-2.673798	1.027824	-2.601415	0.009283994	0.058962069
<i>HOXC4</i>	-3.577424	1.375422	-2.600965	0.009296187	0.059010377
<i>TWSG1</i>	-2.285875	0.879361	-2.599473	0.009336712	0.059231298
<i>ENSG00000224610</i>	-3.730368	1.435119	-2.599345	0.009340196	0.059231298
<i>CYB5D1</i>	-3.065592	1.179526	-2.599004	0.009349457	0.059260818
<i>KCNQ5</i>	-2.689711	1.035042	-2.59865	0.009359121	0.059292864
<i>NEK10</i>	-4.01952	1.546887	-2.598458	0.009364358	0.059296845
<i>LINC02649</i>	-2.611137	1.005025	-2.598082	0.009374609	0.059332559
<i>WDR48</i>	-1.283437	0.494065	-2.597709	0.009384792	0.059367807
<i>TMEM231</i>	-3.33865	1.285631	-2.596896	0.009407051	0.059453463
<i>MEGF11</i>	-2.379374	0.916244	-2.596877	0.009407574	0.059453463
<i>TMCC1.AS1</i>	-2.969956	1.144182	-2.595702	0.009439778	0.059549034
<i>LRTOMT</i>	-1.907526	0.734918	-2.595562	0.009443644	0.059549034
<i>ZW10</i>	-1.939447	0.747239	-2.595483	0.009445814	0.059549034
<i>CBWD6</i>	-2.33762	0.900661	-2.595448	0.009446771	0.059549034
<i>EPHX1</i>	-2.681255	1.033123	-2.595292	0.009451055	0.059549034
<i>RERE.AS1</i>	-4.026487	1.551523	-2.595184	0.009454034	0.059549034
<i>TRMT5</i>	-2.019623	0.778231	-2.595145	0.009455093	0.059549034
<i>GGA2</i>	1.215692	0.468571	2.594469	0.009473724	0.05957058
<i>LINC02576</i>	-2.747224	1.0589	-2.594413	0.00947526	0.05957058
<i>THRA</i>	-1.868744	0.720303	-2.594385	0.009476034	0.05957058
<i>MACC1</i>	-2.534604	0.976971	-2.594349	0.009477033	0.05957058
<i>ENSG00000226571</i>	-1.899516	0.732434	-2.59343	0.009502384	0.05970077
<i>ENSG00000267136</i>	-3.985565	1.537007	-2.593069	0.009512377	0.059734383
<i>ENSG00000233038</i>	-2.514266	0.969868	-2.592381	0.009531425	0.059773242
<i>THNSL2</i>	-2.855029	1.101329	-2.592348	0.009532329	0.059773242
<i>CENPF</i>	-2.454517	0.946834	-2.592342	0.009532501	0.059773242
<i>ZMYND19</i>	-2.228459	0.859865	-2.591638	0.009552018	0.059866449
<i>RECK</i>	-1.993482	0.769429	-2.590859	0.00957366	0.059972873
<i>HMGB3</i>	-2.25299	0.86971	-2.590506	0.009583488	0.060005226
<i>ANKEF1</i>	-3.489029	1.347152	-2.589929	0.009599576	0.060056012
<i>ENSG00000251417</i>	-2.635333	1.017558	-2.58986	0.009601492	0.060056012
<i>GPM6A</i>	-2.301059	0.888538	-2.589713	0.009605601	0.060056012
<i>DDN.AS1</i>	-2.25899	0.872453	-2.589239	0.009618835	0.060081494
<i>SNED1</i>	-3.517556	1.358733	-2.588851	0.00962968	0.060081494
<i>P2RY11</i>	-2.285571	0.882934	-2.588609	0.009636435	0.060081494
<i>SUV39H1</i>	-2.084353	0.805223	-2.588542	0.009638325	0.060081494
<i>LINC01869</i>	-1.819084	0.702777	-2.588422	0.00964168	0.060081494
<i>PCF11.AS1</i>	-2.102905	0.812444	-2.58837	0.009643146	0.060081494
<i>PLEKHM3</i>	-3.903367	1.508131	-2.588215	0.009647483	0.060081494
<i>HECTD2</i>	-2.264234	0.87486	-2.58811	0.009650425	0.060081494
<i>ITIH5</i>	-3.859126	1.491209	-2.587917	0.009655837	0.060081494

<i>ITGA6.AS1</i>	-2.040847	0.788612	-2.587897	0.009656371	0.060081494
<i>ARHGAP44</i>	-2.587348	0.999893	-2.587625	0.009664015	0.060099992
<i>TM6SF1</i>	-3.146084	1.216129	-2.586966	0.009682519	0.060185975
<i>SYP</i>	-2.017419	0.780137	-2.585981	0.009710226	0.060329059
<i>FAM114A1</i>	-2.310389	0.893584	-2.585531	0.009722909	0.060378701
<i>KIAA0513</i>	-2.941513	1.137823	-2.585211	0.009731945	0.060405661
<i>PRRT3.AS1</i>	-4.51287	1.745849	-2.584915	0.009740311	0.060428437
<i>MBLAC1</i>	-2.821731	1.092103	-2.583759	0.009773018	0.06049933
<i>ENSG00000273384</i>	-2.654585	1.027422	-2.583733	0.009773729	0.06049933
<i>IQC�</i>	-2.046889	0.792325	-2.583396	0.009783291	0.06049933
<i>ENSG00000278107</i>	-4.008627	1.551696	-2.583385	0.009783604	0.06049933
<i>SCFD2</i>	-3.056396	1.183131	-2.583311	0.00978571	0.06049933
<i>BBS12</i>	-2.413687	0.93437	-2.583225	0.009788157	0.06049933
<i>ZNF8</i>	-2.056518	0.796105	-2.583225	0.00978816	0.06049933
<i>RNF32</i>	-2.583285	1.00004	-2.583182	0.009789353	0.06049933
<i>ENSG00000270871</i>	-4.137997	1.602018	-2.58299	0.009794823	0.060504077
<i>LARS2</i>	-2.938557	1.1378	-2.582666	0.00980402	0.060531827
<i>ENSG00000256591</i>	-2.357036	0.912732	-2.582396	0.009811706	0.060550227
<i>REM2</i>	-2.180508	0.844686	-2.581443	0.009838826	0.060686885
<i>ENSG00000254893</i>	-3.819535	1.479702	-2.581287	0.009843284	0.060686885
<i>PYROXD2</i>	-2.620448	1.01525	-2.581087	0.009848974	0.060692885
<i>ENSG00000253140</i>	-4.1138	1.594139	-2.580577	0.009863534	0.060745347
<i>BSCL2</i>	-2.778597	1.076784	-2.580458	0.009866929	0.060745347
<i>BICDL1</i>	-2.3431	0.908123	-2.580157	0.009875542	0.060763352
<i>ATP11A</i>	-1.917119	0.743062	-2.580026	0.009879298	0.060763352
<i>TVP23A</i>	-4.606143	1.785558	-2.579666	0.009889585	0.060769829
<i>ENSG00000257839</i>	-2.276017	0.882294	-2.579659	0.009889797	0.060769829
<i>ZNF596</i>	-2.280586	0.884182	-2.579318	0.009899547	0.060800702
<i>MUC20</i>	-2.563788	0.994127	-2.578935	0.009910547	0.060839222
<i>L3MBTL1</i>	-2.032656	0.788264	-2.578649	0.009918749	0.060860536
<i>PXDC1</i>	-2.247855	0.871858	-2.578237	0.009930591	0.060895997
<i>EXTL2</i>	-1.977308	0.766958	-2.578118	0.009933994	0.060895997
<i>CCDC32</i>	1.695457	0.657721	2.577773	0.00994392	0.060903764
<i>LINC01238</i>	-3.200801	1.241838	-2.577471	0.009952633	0.060903764
<i>GPSM1</i>	-3.927082	1.523642	-2.577431	0.009953786	0.060903764
<i>TNNT3</i>	-3.607384	1.399621	-2.5774	0.009954681	0.060903764
<i>SETBP1</i>	-1.577627	0.61217	-2.577105	0.009963161	0.060903764
<i>ENSG00000259065</i>	-3.922038	1.521887	-2.577088	0.009963661	0.060903764
<i>ENSG00000266490</i>	-2.60987	1.012959	-2.576481	0.009981169	0.060981815
<i>ENSG00000262873</i>	-4.279857	1.661259	-2.576273	0.009987185	0.06098961
<i>CATSPERG</i>	-2.44744	0.950165	-2.575806	0.010000676	0.061017012
<i>PPM1L</i>	-2.879284	1.117826	-2.575789	0.010001156	0.061017012
<i>FGF22</i>	-2.510528	0.974887	-2.575199	0.010018257	0.061092377
<i>GLI1</i>	-2.294114	0.890957	-2.574888	0.01002726	0.061118313
<i>ENSG00000230454</i>	-3.831677	1.488213	-2.574683	0.010033192	0.061119068
<i>ENSG00000277369</i>	-3.932848	1.527704	-2.574353	0.010042783	0.061119068
<i>FSIP2</i>	-2.115373	0.821866	-2.573866	0.010056933	0.061119068

ZNF853	-3.832563	1.48904	-2.573849	0.01005741	0.061119068
PRMT2	-0.737032	0.286376	-2.573646	0.010063324	0.061119068
CDC14B	-2.401956	0.933384	-2.573385	0.010070914	0.061119068
PRH1	-2.960371	1.150388	-2.573368	0.010071401	0.061119068
ZNF839	-2.364108	0.918727	-2.573243	0.010075035	0.061119068
GPD2	-2.084962	0.810251	-2.573232	0.010075378	0.061119068
FAM66C	-2.584995	1.004598	-2.573163	0.010077383	0.061119068
ITGAX	-2.899602	1.126926	-2.57302	0.010081528	0.061119068
SPEF2	-2.461024	0.956509	-2.572922	0.010084385	0.061119068
VPS37C	-1.861059	0.723437	-2.572523	0.010096027	0.061160817
CDC37L1.DT	-2.24952	0.87461	-2.572027	0.010110492	0.061219623
VRK3	1.819368	0.707634	2.571057	0.010138871	0.061362586
FAM122C	-1.95658	0.761337	-2.569926	0.010172033	0.061512264
DISC1	-3.888432	1.513075	-2.569887	0.010173164	0.061512264
ENSG00000267811	-4.071313	1.584354	-2.5697	0.010178668	0.061516639
ENSG00000278238	-2.365382	0.920594	-2.56941	0.010187191	0.061539241
NQO1	-2.734116	1.064756	-2.567833	0.010233637	0.061790805
LYSMD1	-2.199689	0.856713	-2.567591	0.010240791	0.061805
ZKSCAN3	-2.19686	0.8558	-2.567025	0.010257515	0.061876907
ENSG00000237773	-1.902298	0.741212	-2.566469	0.010273972	0.06193538
CERS6	-2.025826	0.7894	-2.566285	0.010279423	0.06193538
PLXNA1	-2.223723	0.866594	-2.566047	0.010286474	0.06193538
MFAP3	-2.417183	0.94205	-2.565875	0.010291586	0.06193538
LETM1	-1.286872	0.501543	-2.565827	0.010293013	0.06193538
SVOP	-3.623308	1.412222	-2.565679	0.010297421	0.06193538
FIZ1	-2.365406	0.921984	-2.565561	0.010300902	0.06193538
C9orf163	-3.883125	1.513676	-2.565362	0.010306829	0.061942067
RAB35	-1.42387	0.555149	-2.564843	0.010322256	0.0619919
TNF	-2.266509	0.883733	-2.5647	0.010326512	0.0619919
ENSG00000277007	-2.323186	0.905878	-2.564567	0.010330453	0.0619919
THUMPD1	-1.10305	0.430174	-2.564198	0.010341468	0.0619919
TRAIP	-2.517436	0.981768	-2.564187	0.010341783	0.0619919
ENSG00000275457	-2.028625	0.791283	-2.563715	0.010355839	0.0619919
SPINDOC	-2.168688	0.845938	-2.563649	0.01035782	0.0619919
NAV1	-2.479754	0.967348	-2.563456	0.010363572	0.0619919
ALG10	-2.246756	0.876473	-2.563407	0.010365051	0.0619919
C6orf52	-3.990712	1.556835	-2.563348	0.010366798	0.0619919
ENSG00000267939	-3.756653	1.465551	-2.563304	0.010368118	0.0619919
B3GNT7	-1.679794	0.655506	-2.56259	0.010389452	0.062090611
PPP2CB	-1.795735	0.7008	-2.56241	0.010394867	0.062094126
C8orf58	-1.827991	0.713495	-2.562022	0.01040646	0.062134533
SLC25A12	-1.973351	0.770412	-2.561423	0.010424424	0.062212926
ENSG00000229729	-2.035301	0.794695	-2.561111	0.010433815	0.062240102
JUNB	0.872324	0.340712	2.560293	0.01045838	0.062357726
IPO11	-1.990996	0.777803	-2.55977	0.010474144	0.062404134
ENSG00000225205	-2.255066	0.880984	-2.559713	0.010475863	0.062404134
PPP1R9A	-4.070383	1.590308	-2.559495	0.010482451	0.062414485

<i>SERP2</i>	-2.635966	1.029999	-2.559193	0.010491534	0.06243967
<i>ENSG00000268352</i>	-2.771673	1.083237	-2.558696	0.010506565	0.06250022
<i>PIGV</i>	-1.764412	0.689849	-2.557679	0.010537325	0.062636907
<i>DSEL</i>	-3.541186	1.384566	-2.557615	0.010539279	0.062636907
<i>B4GALT2</i>	-4.025378	1.574159	-2.557161	0.010553045	0.062689766
<i>ARMCX2</i>	-1.678805	0.656659	-2.556584	0.010570549	0.062722303
<i>ENSG00000273156</i>	-2.451317	0.958831	-2.556568	0.010571055	0.062722303
<i>KANK1</i>	-2.715596	1.062232	-2.556499	0.010573146	0.062722303
<i>CPEB2</i>	-2.267609	0.887122	-2.556141	0.010584024	0.062757899
<i>ENSG00000215014</i>	-2.000258	0.782969	-2.55471	0.010627631	0.062987437
<i>C10orf25</i>	-2.639064	1.033099	-2.554512	0.010633678	0.062994261
<i>ENSG00000187186</i>	-2.385993	0.934196	-2.554059	0.010647508	0.063024642
<i>MMP17</i>	-2.164478	0.847503	-2.553948	0.010650931	0.063024642
<i>IFITM3</i>	-2.327317	0.911293	-2.553864	0.010653501	0.063024642
<i>NR1I3</i>	-3.349636	1.311785	-2.553494	0.010664801	0.063062498
<i>BACH1.AS1</i>	-2.644511	1.035921	-2.552811	0.010685744	0.06315731
<i>AREG</i>	-3.806045	1.491217	-2.552308	0.01070118	0.063207231
<i>EMILIN2</i>	-2.171181	0.850704	-2.552216	0.010704015	0.063207231
<i>ENSG00000267260</i>	-3.567137	1.398003	-2.551594	0.010723137	0.063274636
<i>SMAD2</i>	-1.095929	0.429519	-2.551525	0.010725265	0.063274636
<i>ASPHD2</i>	-2.2569	0.884611	-2.551292	0.010732449	0.063288001
<i>TLR4</i>	-5.086459	1.993928	-2.550974	0.010742243	0.063291857
<i>OTUD7B</i>	-3.364107	1.318911	-2.55067	0.010751601	0.063291857
<i>ATP13A4</i>	-3.721872	1.459183	-2.550655	0.010752084	0.063291857
<i>ENSG00000275055</i>	-2.476494	0.970934	-2.550632	0.010752778	0.063291857
<i>CABP4</i>	-3.590612	1.407866	-2.550392	0.010760173	0.063306424
<i>ENSG00000273010</i>	-3.637135	1.426394	-2.54988	0.010775988	0.063370492
<i>ENSG00000258376</i>	-1.832873	0.718924	-2.549466	0.010788793	0.063416812
<i>ENSG00000273149</i>	-3.175403	1.245789	-2.548908	0.010806073	0.063481032
<i>FUT2</i>	-2.977597	1.168294	-2.548671	0.010813434	0.063481032
<i>ENSG00000272572</i>	-2.580404	1.012465	-2.548636	0.01081452	0.063481032
<i>RPS6KB2.AS1</i>	-2.077861	0.815386	-2.548317	0.010824413	0.063482652
<i>ENSG00000272356</i>	-2.504851	0.98296	-2.548272	0.010825793	0.063482652
<i>TTLL7</i>	-2.454219	0.963138	-2.54815	0.010829597	0.063482652
<i>NDRG2</i>	-2.765398	1.085575	-2.547404	0.010852756	0.063589443
<i>SLFN12</i>	-2.187563	0.858926	-2.546859	0.010869723	0.063641631
<i>ENSG00000226578</i>	-3.637253	1.428166	-2.546801	0.010871555	0.063641631
<i>CCDC154</i>	-1.969336	0.773372	-2.546426	0.010883216	0.063651946
<i>PDIA5</i>	-2.224388	0.873617	-2.546181	0.010890863	0.063651946
<i>IGHMBP2</i>	-1.914241	0.751841	-2.546071	0.010894304	0.063651946
<i>TXLNB</i>	-2.61538	1.027246	-2.546011	0.010896188	0.063651946
<i>ZNF324B</i>	-2.34962	0.922885	-2.545951	0.010898052	0.063651946
<i>ENSG00000259802</i>	-3.890316	1.528641	-2.544951	0.010929305	0.063805522
<i>MRPS24</i>	-1.936353	0.761	-2.544485	0.010943906	0.063861789
<i>URB2</i>	-2.276436	0.894768	-2.544163	0.010953996	0.06389169
<i>CDAN1</i>	-2.035048	0.800074	-2.543574	0.010972493	0.063970578
<i>LINC01431</i>	-2.174928	0.855259	-2.543006	0.01099033	0.064015016

<i>FAM86C1</i>	-2.447718	0.962565	-2.542912	0.010993306	0.064015016
<i>ZNF425</i>	-3.839724	1.510004	-2.542856	0.010995041	0.064015016
<i>TNFRSF9</i>	-4.090476	1.608866	-2.542459	0.011007537	0.064048669
<i>CPT1B</i>	-3.433845	1.350654	-2.542357	0.011010776	0.064048669
<i>LSR</i>	-1.618965	0.636839	-2.54219	0.011016036	0.06405031
<i>CHEK2</i>	-1.95266	0.768309	-2.541504	0.011037667	0.064147089
<i>ENSG00000269983</i>	-2.313012	0.910308	-2.54091	0.01105644	0.064222995
<i>ZNF517</i>	-3.082186	1.213089	-2.540775	0.01106071	0.064222995
<i>FBXO4</i>	-1.470595	0.578888	-2.54038	0.011073219	0.064266628
<i>AQP11</i>	-4.003223	1.576245	-2.539722	0.011094074	0.064358634
<i>HCN3</i>	-2.546221	1.002793	-2.539129	0.011112881	0.064438682
<i>ENSG00000229255</i>	-5.056356	1.991667	-2.538756	0.011124739	0.064458728
<i>CTH</i>	-2.869587	1.130388	-2.538586	0.011130159	0.064458728
<i>CCDC61</i>	-3.399895	1.339307	-2.538548	0.011131367	0.064458728
<i>AGBL2</i>	-2.964594	1.167976	-2.538232	0.011141397	0.064487788
<i>SYCP3</i>	-2.033726	0.801786	-2.536493	0.011196896	0.064779886
<i>AFDN</i>	-2.275893	0.897339	-2.53627	0.011204033	0.064783502
<i>ADHFE1</i>	-3.120857	1.230545	-2.536159	0.011207591	0.064783502
<i>ENSG00000257497</i>	-2.16292	0.852888	-2.535995	0.011212847	0.064784777
<i>DEGS2</i>	-2.880123	1.135845	-2.535666	0.011223358	0.064816404
<i>SUSD1</i>	-2.273611	0.896829	-2.535165	0.011239425	0.064847611
<i>FBXL19</i>	-2.244959	0.885617	-2.534909	0.01124764	0.064847611
<i>ENSG00000267383</i>	-2.277509	0.898463	-2.534896	0.011248077	0.064847611
<i>ENSG00000273486</i>	-2.516727	0.992843	-2.53487	0.011248921	0.064847611
<i>KCTD3</i>	-2.71072	1.069476	-2.534625	0.011256776	0.06486383
<i>TMEM273</i>	-2.012485	0.794098	-2.534304	0.011267106	0.064894293
<i>RELCH</i>	-1.749155	0.690479	-2.533249	0.011301053	0.065060691
<i>ENSG00000251602</i>	-3.479311	1.373697	-2.532808	0.011315292	0.065113536
<i>SEPTIN1</i>	-0.785617	0.310202	-2.532599	0.011322028	0.065123169
<i>CAMSAP1</i>	-1.876602	0.741535	-2.530699	0.011383536	0.065356246
<i>MYZAP</i>	-3.071657	1.213763	-2.53069	0.011383841	0.065356246
<i>ENSG00000260507</i>	-2.275933	0.899436	-2.530399	0.011393285	0.065356246
<i>LINC02550</i>	-5.100469	2.015768	-2.530286	0.011396971	0.065356246
<i>SLX1A</i>	-2.285564	0.903305	-2.530225	0.011398946	0.065356246
<i>ZFHX2</i>	-2.262924	0.894402	-2.530099	0.011403039	0.065356246
<i>FKBP14</i>	-2.14011	0.845895	-2.529996	0.011406393	0.065356246
<i>PPP1R13B</i>	-2.329315	0.920693	-2.529959	0.011407583	0.065356246
<i>FKBPL</i>	-1.726598	0.682467	-2.529938	0.011408264	0.065356246
<i>ZNF653</i>	-2.65873	1.051214	-2.529198	0.011432338	0.065465017
<i>ENSG00000266498</i>	-3.834237	1.516378	-2.528549	0.011453511	0.065557085
<i>ZNF174</i>	-1.855997	0.734308	-2.527545	0.011486306	0.065687631
<i>PUDP</i>	-1.794642	0.710036	-2.527538	0.011486529	0.065687631
<i>ENSG00000259274</i>	-2.653833	1.050843	-2.525433	0.011555576	0.066053129
<i>IGLV1.47</i>	-3.328799	1.318218	-2.525227	0.011562358	0.066053168
<i>CD68</i>	-1.560586	0.618024	-2.525121	0.01156585	0.066053168
<i>PKD4</i>	-2.393249	0.947872	-2.524865	0.011574291	0.066072048
<i>ENSG00000272256</i>	-3.422419	1.355919	-2.524057	0.011600899	0.066154553

<i>SAMD9L</i>	1.77257	0.702332	2.523835	0.011608239	0.066154553
<i>CARD16</i>	-0.995712	0.394526	-2.523821	0.011608691	0.066154553
<i>SMTN</i>	-3.291107	1.304027	-2.523803	0.011609309	0.066154553
<i>TOMM40L</i>	-2.194476	0.869588	-2.523583	0.011616561	0.06616511
<i>ENSG00000242539</i>	-2.563487	1.015876	-2.523425	0.011621769	0.06616511
<i>TENT4A</i>	-2.025925	0.802893	-2.52328	0.011626589	0.06616511
<i>ZNF460</i>	-2.289792	0.907533	-2.523096	0.011632671	0.066170461
<i>TMCC3</i>	-2.446538	0.969894	-2.522481	0.011653034	0.066256999
<i>PEX11A</i>	-2.29943	0.911735	-2.522039	0.011667691	0.066281254
<i>C15orf62</i>	-1.566225	0.62106	-2.521856	0.011673741	0.066281254
<i>SLC35E4</i>	-2.505281	0.993482	-2.521716	0.011678396	0.066281254
<i>ENSG00000265008</i>	-3.319298	1.316291	-2.521704	0.011678778	0.066281254
<i>NKILA</i>	-2.505533	0.993638	-2.521576	0.011683056	0.066281254
<i>DGKQ</i>	-1.999992	0.793247	-2.521272	0.011693146	0.066309258
<i>USP27X</i>	-2.404139	0.953601	-2.521116	0.011698329	0.066309427
<i>ENSG00000197813</i>	-3.182981	1.262733	-2.520708	0.011711887	0.066352472
<i>YTHDF3.AS1</i>	-3.858829	1.530938	-2.520565	0.011716652	0.066352472
<i>ENSG00000276651</i>	-2.26313	0.897917	-2.520423	0.011721393	0.066352472
<i>CACNA2D4</i>	-3.682236	1.461095	-2.520188	0.011729201	0.066354878
<i>RBM41</i>	-1.262502	0.500973	-2.520101	0.011732132	0.066354878
<i>NADK2</i>	-1.859695	0.738069	-2.519677	0.01174626	0.06640559
<i>RORA</i>	-2.274577	0.902815	-2.519427	0.011754617	0.066423652
<i>IGHV3.15</i>	-2.368712	0.940347	-2.518976	0.01176966	0.066469859
<i>RBM15.AS1</i>	-3.766077	1.495144	-2.518873	0.011773126	0.066469859
<i>SLC26A4</i>	-3.783976	1.502667	-2.518174	0.01179652	0.066558543
<i>MEGF9</i>	-1.810831	0.719128	-2.518094	0.011799179	0.066558543
<i>ENSG00000269148</i>	-3.047794	1.210626	-2.517535	0.011817923	0.066635064
<i>LINC01943</i>	-3.934978	1.563142	-2.517352	0.011824068	0.066640512
<i>RND2</i>	-3.502695	1.391603	-2.517021	0.011835175	0.066673905
<i>BTBD3</i>	-2.256055	0.896653	-2.516085	0.011866667	0.066822059
<i>SLC22A5</i>	-1.997706	0.794112	-2.515647	0.011881422	0.06687588
<i>SLC11A1</i>	-3.139352	1.248124	-2.515256	0.011894602	0.066920789
<i>ZNF816.ZNF321P</i>	-2.287529	0.909626	-2.514803	0.011909889	0.066963896
<i>DDX47</i>	-2.616202	1.040355	-2.514721	0.011912673	0.066963896
<i>GRASP</i>	-2.266231	0.901849	-2.512872	0.011975278	0.067277052
<i>FITM2</i>	-2.633176	1.047919	-2.512767	0.011978839	0.067277052
<i>IL4I1</i>	-4.969003	1.97782	-2.512363	0.011992563	0.067310449
<i>CLTCL1</i>	-3.747475	1.491661	-2.512284	0.011995248	0.067310449
<i>CRIM1</i>	-1.943236	0.773683	-2.511671	0.01201611	0.067378845
<i>ENSG00000279927</i>	-3.007928	1.197653	-2.511519	0.012021285	0.067378845
<i>ENSG00000280240</i>	-3.33784	1.329041	-2.511464	0.012023147	0.067378845
<i>APOBR</i>	-3.069865	1.222551	-2.511033	0.012037859	0.067431924
<i>NFE2L3</i>	-3.744309	1.491645	-2.510188	0.012066694	0.067564033
<i>OIP5</i>	-2.342853	0.933438	-2.509919	0.012075886	0.067586091
<i>ZNF579</i>	-2.366698	0.943062	-2.50959	0.012087139	0.067607321
<i>SMCO4</i>	-1.898444	0.75655	-2.509344	0.012095571	0.067607321
<i>MYH11</i>	-1.887968	0.752388	-2.509301	0.012097028	0.067607321

<i>ENSG00000245970</i>	-2.328405	0.927949	-2.509194	0.012100696	0.067607321
<i>TNKS2.AS1</i>	-2.733107	1.089374	-2.508879	0.012111511	0.067634482
<i>ENSG00000273145</i>	-3.45875	1.378677	-2.508746	0.012116071	0.067634482
<i>AIFM2</i>	-1.837595	0.732694	-2.507998	0.012141741	0.067748389
<i>ENSG00000269696</i>	-2.246151	0.895672	-2.507783	0.012149132	0.067752352
<i>HSPA1A</i>	-2.621526	1.045403	-2.507671	0.012152983	0.067752352
<i>PAX8</i>	-3.02902	1.208056	-2.507351	0.012163978	0.06778428
<i>LINGO3</i>	-2.033368	0.811112	-2.506865	0.012180725	0.067848222
<i>CARD6</i>	-2.167536	0.864832	-2.506308	0.012199933	0.067925808
<i>USP54</i>	-2.351434	0.938374	-2.50586	0.012215391	0.067936267
<i>ENSG00000272112</i>	-2.412649	0.962808	-2.505847	0.012215836	0.067936267
<i>ENSG00000224790</i>	-2.922289	1.166252	-2.505711	0.012220563	0.067936267
<i>SLC31A2</i>	-2.235121	0.892035	-2.505642	0.012222931	0.067936267
<i>GNLY</i>	-3.741856	1.493711	-2.505074	0.012242583	0.068016113
<i>ZCCHC14</i>	-2.527232	1.009249	-2.504072	0.012277299	0.068151033
<i>ENSG00000272822</i>	-4.778621	1.908344	-2.504067	0.012277461	0.068151033
<i>UNC13D</i>	-1.305464	0.521482	-2.503375	0.012301517	0.068247826
<i>MFS14A</i>	-1.210028	0.483381	-2.50326	0.012305507	0.068247826
<i>C1orf112</i>	-2.127021	0.850339	-2.501378	0.012371096	0.068582031
<i>TMTC2</i>	-3.895758	1.557643	-2.50106	0.012382228	0.068614181
<i>IKZF4</i>	-2.283521	0.913096	-2.500857	0.012389335	0.068624012
<i>ENSG00000261248</i>	-2.785008	1.113814	-2.500426	0.01240442	0.068678002
<i>ZC3H15</i>	1.329052	0.531597	2.500109	0.012415506	0.068709812
<i>TMEM88</i>	-5.124481	2.050885	-2.498668	0.012466106	0.068960183
<i>ZNF696</i>	-2.180011	0.872601	-2.498292	0.012479338	0.069003716
<i>WDR11</i>	1.74664	0.699426	2.497249	0.012516111	0.069177322
<i>RUNDC3B</i>	-3.158855	1.265072	-2.496976	0.012525739	0.069200807
<i>FBP1</i>	-2.011771	0.805761	-2.496735	0.01253425	0.069218107
<i>WDHD1</i>	-2.146152	0.859722	-2.496333	0.012548466	0.069266884
<i>ENSG0000080031</i>	-2.534389	1.015404	-2.495941	0.012562333	0.069301214
<i>ATP8B2</i>	-2.232713	0.894595	-2.495782	0.012567988	0.069301214
<i>MYT1L</i>	-3.474084	1.392031	-2.495694	0.012571085	0.069301214
<i>DUSP5</i>	-2.425862	0.972075	-2.495549	0.012576229	0.069301214
<i>KRT8</i>	-2.695693	1.080346	-2.495213	0.012588164	0.069304671
<i>RABGAP1L</i>	1.076536	0.431446	2.495181	0.012589297	0.069304671
<i>TSHZ2</i>	-4.808351	1.927223	-2.494964	0.012596993	0.069304671
<i>C19orf66</i>	-0.741544	0.297221	-2.494924	0.012598401	0.069304671
<i>ENSG00000263731</i>	-2.608118	1.045579	-2.494425	0.012616137	0.06937258
<i>PDIK1L</i>	-2.0186	0.809621	-2.493266	0.012657389	0.06956968
<i>ANKRD46</i>	-1.433156	0.574921	-2.49279	0.012674373	0.069607272
<i>CASK</i>	-2.206338	0.885148	-2.49262	0.012680463	0.069607272
<i>ZNF69</i>	-2.263852	0.908254	-2.492531	0.012683627	0.069607272
<i>ALG11</i>	-1.81563	0.728446	-2.492468	0.012685867	0.069607272
<i>CXCR3</i>	-3.879484	1.556715	-2.492096	0.012699165	0.069630496
<i>INCENP</i>	-3.242538	1.301154	-2.492047	0.012700923	0.069630496
<i>ENSG00000269549</i>	-2.935113	1.178168	-2.491251	0.012729402	0.069724801
<i>SLC45A4</i>	-3.286167	1.319141	-2.491141	0.012733359	0.069724801



<i>FYN</i>	-1.858213	0.745937	-2.491112	0.012734381	0.069724801
<i>TUSC1</i>	-2.892223	1.161313	-2.490476	0.012757208	0.069820076
<i>ENSG00000256448</i>	-3.109076	1.248658	-2.489935	0.012776654	0.069896771
<i>ARSB</i>	-2.158408	0.867058	-2.489347	0.0127978	0.06995866
<i>ENSG00000228857</i>	-2.3411	0.940458	-2.489318	0.012798841	0.06995866
<i>ENSG00000273729</i>	-2.780754	1.11747	-2.488437	0.012830587	0.070015682
<i>KCTD21</i>	-2.409759	0.968389	-2.48842	0.012831205	0.070015682
<i>DCXR.DT</i>	-3.008566	1.209089	-2.488291	0.012835854	0.070015682
<i>ZNF48</i>	-1.464042	0.588411	-2.488127	0.012841777	0.070015682
<i>FKBP1C</i>	-4.952173	1.99041	-2.488017	0.012845763	0.070015682
<i>SETDB2</i>	-1.028244	0.41328	-2.488007	0.01284611	0.070015682
<i>SLC25A23</i>	-2.042603	0.820998	-2.487953	0.01284808	0.070015682
<i>ENSG00000250397</i>	-3.811635	1.532117	-2.487822	0.012852805	0.070015682
<i>LINC02285</i>	-2.479783	0.996833	-2.487662	0.012858585	0.070017523
<i>LEPR</i>	-3.53839	1.422835	-2.486859	0.012887636	0.070146027
<i>ENSG0000055483</i>	-1.626138	0.653965	-2.486582	0.012897694	0.070171088
<i>ENSG00000272010</i>	-3.62507	1.45852	-2.485444	0.012938981	0.070349488
<i>DRAXIN</i>	-4.723058	1.900405	-2.48529	0.012944582	0.070349488
<i>ITFG2.AS1</i>	-1.696706	0.682717	-2.485227	0.012946886	0.070349488
<i>SLC9A1</i>	-2.264698	0.911387	-2.484891	0.012959126	0.070370518
<i>HCST</i>	-1.628698	0.655459	-2.48482	0.012961695	0.070370518
<i>ENSG00000274987</i>	-3.831961	1.542284	-2.484602	0.012969624	0.070383871
<i>PACIN3</i>	-3.190613	1.284457	-2.484016	0.012991007	0.070470186
<i>CYFIP1</i>	-3.803128	1.53158	-2.48314	0.013022985	0.070613886
<i>NRBP2</i>	-2.29492	0.924267	-2.482962	0.013029484	0.070619365
<i>BCKDHA</i>	-2.11926	0.853589	-2.482763	0.013036785	0.070629182
<i>MARS2</i>	-2.047123	0.82461	-2.482535	0.013045118	0.070634197
<i>ENSG00000255882</i>	-3.4097	1.373529	-2.482438	0.013048689	0.070634197
<i>SYAP1</i>	1.772749	0.714169	2.482255	0.01305538	0.070640694
<i>PARS2</i>	-1.916273	0.772071	-2.481989	0.01306514	0.070663789
<i>VWA8</i>	-1.953241	0.787076	-2.481644	0.013077803	0.070701818
<i>GAB2</i>	-2.021215	0.814514	-2.481498	0.013083161	0.070701818
<i>ENSG00000247363</i>	-2.227033	0.897598	-2.481104	0.013097609	0.070727786
<i>DENND2C</i>	-3.327856	1.341327	-2.481018	0.01310078	0.070727786
<i>ENSG00000231609</i>	-2.274825	0.916939	-2.480889	0.013105519	0.070727786
<i>TTLL12</i>	-2.10648	0.849124	-2.480768	0.013109953	0.070727786
<i>C1RL</i>	-1.957019	0.789074	-2.480147	0.013132829	0.070821505
<i>CACYBP</i>	0.97769	0.394245	2.479902	0.01314186	0.07082248
<i>COLCA1</i>	-2.247348	0.906258	-2.479811	0.013145218	0.07082248
<i>EARS2</i>	-2.594431	1.046289	-2.479649	0.013151169	0.07082248
<i>MOXD1</i>	-2.364053	0.953422	-2.479545	0.013155027	0.07082248
<i>ATXN7L1</i>	-1.771803	0.71486	-2.47853	0.013192508	0.070983173
<i>CHTF18</i>	-1.774288	0.71589	-2.478438	0.013195908	0.070983173
<i>ENSG00000277825</i>	-2.663435	1.074806	-2.478061	0.01320984	0.07102842
<i>MXD3</i>	-2.110688	0.851877	-2.477691	0.013223553	0.071068697
<i>HHAT</i>	-2.01108	0.811718	-2.477561	0.013228377	0.071068697
<i>ARHGAP20</i>	-5.10185	2.059503	-2.477223	0.013240905	0.071076647

ZBTB32	-5.10185	2.059503	-2.477223	0.013240905	0.071076647
GTF3A	0.665503	0.268692	2.476821	0.013255829	0.071097515
ZNF792	-2.629657	1.061707	-2.476821	0.013255844	0.071097515
PHETA2	-3.163399	1.277347	-2.476538	0.013266353	0.071124236
ENSG00000235652	-3.313868	1.338474	-2.475855	0.013291743	0.071202618
ENSG00000254501	-3.064306	1.23768	-2.475847	0.013292041	0.071202618
GLIPR1	-0.727409	0.293913	-2.474909	0.013326999	0.071307958
LINC02018	-2.003581	0.80959	-2.474811	0.013330686	0.071307958
CKAP4	-3.185736	1.287265	-2.474809	0.013330743	0.071307958
SLC1A5	-2.061966	0.83321	-2.474725	0.013333873	0.071307958
DUSP6	-2.602407	1.051709	-2.474456	0.01334391	0.071308777
SCYL3	-1.55934	0.630202	-2.474347	0.013347982	0.071308777
INKA2	-1.904898	0.769881	-2.474276	0.013350652	0.071308777
HIST1H2AK	-3.720245	1.503764	-2.473956	0.013362601	0.071342981
BHLHE41	-1.832426	0.740857	-2.473386	0.013383965	0.071427405
NR4A1	-2.248856	0.909328	-2.473097	0.013394791	0.071455545
ENSG00000256940	-2.373025	0.959657	-2.472784	0.013406519	0.071488469
NAIF1	-1.753104	0.709144	-2.472143	0.013430588	0.071587148
ENSG00000260735	-3.201026	1.294989	-2.471856	0.01344135	0.071614847
MFS4A	-2.166245	0.876691	-2.470934	0.01347608	0.071747005
ZBTB37	-1.435201	0.580841	-2.470901	0.013477307	0.071747005
NOCT	-2.137561	0.865188	-2.470633	0.013487433	0.07175958
DTX3	-2.253901	0.91231	-2.470543	0.013490823	0.07175958
ENSG00000242622	-3.423054	1.385641	-2.470376	0.013497094	0.071763268
PBLD	-3.025616	1.225193	-2.469502	0.013530141	0.071891299
IGHEP1	-2.897897	1.173502	-2.469443	0.013532348	0.071891299
RHOB	-2.116531	0.857168	-2.469214	0.013541017	0.071907663
LRRC8C.DT	-2.49999	1.012785	-2.468431	0.013570693	0.072035525
CDYL	-1.70719	0.691653	-2.468276	0.013576563	0.072036964
GIMAP1	-3.143488	1.273728	-2.467943	0.013589199	0.072074286
TMEM191C	-1.63102	0.660964	-2.467637	0.013600804	0.072106116
SNTB1	-4.910057	1.990605	-2.466616	0.013639665	0.072242913
ZNF718	-2.387126	0.967787	-2.46658	0.013641007	0.072242913
ERP27	-2.641059	1.070765	-2.466516	0.013643451	0.072242913
SAMD10	-1.937079	0.785473	-2.466129	0.013658212	0.072264111
ENSG00000272906	-2.074565	0.841227	-2.466117	0.013658686	0.072264111
ENSG00000253636	-3.599656	1.460283	-2.46504	0.013699781	0.072451742
TIMELESS	-1.547423	0.627849	-2.464642	0.013715031	0.072502589
C19orf54	-2.326882	0.944182	-2.464442	0.013722663	0.072513145
OTUD3	-1.932548	0.78424	-2.46423	0.013730791	0.072526307
ENSG00000227373	-5.092837	2.068641	-2.461924	0.013819411	0.072964448
GIN51	-3.626419	1.473326	-2.461383	0.013840257	0.072981394
ENSG00000246982	-4.853658	1.971948	-2.461353	0.01384143	0.072981394
ENSG00000272787	-4.086476	1.660274	-2.461326	0.013842439	0.072981394
CDKL3	-2.083091	0.846354	-2.461252	0.013845308	0.072981394
ENSG00000248932	-3.822336	1.553286	-2.460806	0.013862519	0.073031631
AGBL5	-1.762934	0.716435	-2.460705	0.013866449	0.073031631

VPS33B	-1.740412	0.707322	-2.460564	0.013871867	0.073031631
GRAP2	-2.494747	1.014144	-2.459953	0.013895509	0.073123346
ESAM	-2.214069	0.900094	-2.45982	0.013900653	0.073123346
TBC1D10B	-1.746466	0.710149	-2.459295	0.013921	0.073166998
EXTL3	-2.041973	0.830328	-2.459236	0.013923287	0.073166998
NUDT6	-2.695246	1.096	-2.459166	0.013926011	0.073166998
TVP23C	-2.282099	0.928496	-2.457846	0.013977313	0.073377461
IVNS1ABP	-1.444187	0.587583	-2.457842	0.013977474	0.073377461
ECE2	-2.07266	0.843445	-2.457373	0.013995722	0.073424837
COQ10A	-1.48031	0.60241	-2.457312	0.013998105	0.073424837
CTPS1	-2.454854	0.999112	-2.457037	0.014008843	0.073424837
ENSG00000262728	-2.958721	1.204189	-2.457024	0.014009324	0.073424837
PRR34	-2.971312	1.20951	-2.456624	0.014024925	0.073464112
GNGT2	-1.747481	0.711363	-2.456526	0.014028771	0.073464112
ENSG00000179094	-2.107995	0.85825	-2.456156	0.01404321	0.073464112
BTBD19	-2.879211	1.172266	-2.456107	0.014045138	0.073464112
TTC4	-2.100202	0.855096	-2.456101	0.014045365	0.073464112
ENSG00000247796	-2.682085	1.09254	-2.454907	0.014092101	0.073678611
DDR1	-2.267503	0.92396	-2.454113	0.014123263	0.073811546
ZNF283	-1.81706	0.74055	-2.453663	0.014140928	0.073873862
CUBN	-2.125092	0.866146	-2.453503	0.01414723	0.073876788
CABYR	-2.56698	1.04658	-2.452731	0.014177624	0.074005469
TNIK	-3.436221	1.401421	-2.451955	0.014208255	0.074135286
RSPH9	-3.753701	1.531728	-2.450631	0.014260616	0.07435381
ENSG00000263220	-2.096774	0.855615	-2.450604	0.014261693	0.07435381
GH1	-3.550637	1.449182	-2.450098	0.014281736	0.074378107
ENSG00000268400	-3.077938	1.256261	-2.450079	0.014282468	0.074378107
NAP1L6	-4.49742	1.835645	-2.450049	0.014283695	0.074378107
TTC13	-1.65413	0.675474	-2.448842	0.014331624	0.074587387
BACH1.IT2	-3.500036	1.429318	-2.448745	0.014335479	0.074587387
CA11	-1.301119	0.531424	-2.448364	0.014350642	0.074615491
ENSG00000273669	-2.923223	1.193972	-2.448318	0.014352479	0.074615491
ZBED4	-1.722709	0.703753	-2.447889	0.014369596	0.074651357
SVIL.AS1	-2.492383	1.018191	-2.447854	0.014370981	0.074651357
GGACT	-2.390504	0.977067	-2.446613	0.014420569	0.074873872
TRMT13	-0.976683	0.399218	-2.446491	0.014425455	0.074873872
GIHCG	-1.13635	0.464638	-2.445669	0.014458365	0.074985235
CFAP70	-2.885025	1.179687	-2.445586	0.014461703	0.074985235
IMPDH1	-1.299031	0.531188	-2.445519	0.014464394	0.074985235
GDI2	0.675992	0.276443	2.445319	0.014472414	0.074996597
SLC41A1	-1.774865	0.725997	-2.444728	0.01449613	0.075021886
PCLAF	-3.044107	1.245172	-2.444728	0.014496134	0.075021886
LINC01011	-2.106746	0.861806	-2.44457	0.014502474	0.075021886
LINC01551	-2.163102	0.884885	-2.444501	0.014505272	0.075021886
ERMP1	-3.806769	1.557297	-2.444472	0.014506447	0.075021886
IPPK	-1.952846	0.79904	-2.443991	0.014525789	0.075086826
GZMB	-5.085357	2.080898	-2.443828	0.014532346	0.075086826

<i>ENSG00000244036</i>	-2.067543	0.846132	-2.443524	0.014544593	0.075086826
<i>ENSG00000261786</i>	-3.908967	1.599773	-2.44345	0.014547567	0.075086826
<i>CCR9</i>	-2.289461	0.936985	-2.443435	0.014548182	0.075086826
<i>PLGLB1</i>	-3.049665	1.248291	-2.443071	0.014562872	0.075132507
<i>EEF1AKMT1</i>	-1.72132	0.70469	-2.442663	0.014579348	0.075187362
<i>SPECC1</i>	-2.022294	0.827977	-2.442453	0.014587826	0.075200942
<i>TMEM140</i>	-1.447052	0.592579	-2.441955	0.014607982	0.075231574
<i>FRMD6.AS1</i>	-2.620896	1.073299	-2.441906	0.014609968	0.075231574
<i>GCM1</i>	-4.910006	2.010754	-2.441872	0.014611308	0.075231574
<i>SGSH</i>	-1.950378	0.798879	-2.441395	0.014630653	0.075291765
<i>FNBP1</i>	0.705009	0.288785	2.441295	0.014634702	0.075291765
<i>AGO2</i>	-1.009924	0.413733	-2.441004	0.014646482	0.075322258
<i>TMEM86B</i>	-3.672815	1.504941	-2.440503	0.014666815	0.075396688
<i>IGLC5</i>	-3.266568	1.338694	-2.440115	0.014682596	0.075399214
<i>GATD3B</i>	-2.211938	0.906532	-2.44	0.014687275	0.075399214
<i>ADAP1</i>	-2.925382	1.198949	-2.439955	0.014689074	0.075399214
<i>ZNF398</i>	-1.808464	0.7412	-2.439914	0.014690746	0.075399214
<i>ITSN1</i>	-3.076966	1.261208	-2.439697	0.01469957	0.07541442
<i>ZNF594</i>	-1.687939	0.692014	-2.439171	0.014721008	0.075494306
<i>RELL2</i>	-1.728305	0.708668	-2.438809	0.014735755	0.075539827
<i>USP46.AS1</i>	-4.909056	2.013213	-2.438418	0.014751705	0.075561382
<i>MMP14</i>	-4.909056	2.013213	-2.438418	0.014751705	0.075561382
<i>CHIT1</i>	-2.663528	1.092738	-2.437481	0.014789978	0.075653345
<i>TACC1</i>	-1.204657	0.494226	-2.437462	0.014790787	0.075653345
<i>ACOT7</i>	-3.555824	1.458853	-2.437412	0.014792827	0.075653345
<i>GALNT6</i>	-3.527535	1.44726	-2.437389	0.014793753	0.075653345
<i>ENSG00000227540</i>	-1.974752	0.810235	-2.437259	0.014799057	0.075653345
<i>BCYRN1</i>	-3.436839	1.410312	-2.436935	0.014812352	0.075691237
<i>STXBP4</i>	-2.121141	0.870659	-2.436247	0.014840538	0.075805162
<i>RASGRP1</i>	-1.8269	0.749937	-2.436072	0.014847729	0.075811799
<i>SLC4A8</i>	-3.109197	1.276616	-2.435499	0.014871278	0.075901915
<i>HIST1H2AG</i>	-1.906062	0.782729	-2.435151	0.01488559	0.075944841
<i>MOCS2</i>	-1.110313	0.456011	-2.434836	0.014898522	0.075963459
<i>ZNF442</i>	-2.171451	0.891864	-2.434733	0.014902787	0.075963459
<i>NBPF14</i>	-1.010559	0.415077	-2.434632	0.014906951	0.075963459
<i>LINC01754</i>	-2.225908	0.914381	-2.434333	0.014919243	0.075986282
<i>ZKSCAN8</i>	-1.597205	0.656142	-2.434237	0.014923241	0.075986282
<i>PRDM10</i>	-3.477991	1.429009	-2.433848	0.014939278	0.076009191
<i>ENSG00000260588</i>	-2.582411	1.061044	-2.433841	0.014939554	0.076009191
<i>C11orf98</i>	-1.842322	0.757098	-2.433402	0.014957703	0.076049893
<i>HGH1</i>	-2.147314	0.882448	-2.433361	0.014959375	0.076049893
<i>SIDT2</i>	-1.340416	0.550886	-2.433199	0.014966085	0.076053955
<i>MAP1LC3A</i>	-1.888425	0.776391	-2.432312	0.015002771	0.076210286
<i>NECTIN3</i>	-3.853994	1.585033	-2.431491	0.015036812	0.076311443
<i>DONSON</i>	-2.459017	1.011346	-2.431428	0.015039418	0.076311443
<i>ENSG00000270659</i>	-2.049729	0.843023	-2.431403	0.015040477	0.076311443
<i>ENSG00000271870</i>	-1.914466	0.787749	-2.430299	0.015086386	0.076514201

<i>PIGN</i>	-1.906803	0.784653	-2.430122	0.01509376	0.076521438
<i>HLA.DMA</i>	0.636911	0.262147	2.429595	0.015115718	0.076602576
<i>STARD5</i>	-1.722835	0.70926	-2.429061	0.015138003	0.076685309
<i>MON1A</i>	-2.460064	1.012891	-2.428754	0.015150795	0.076719903
<i>GFOD1</i>	-1.689761	0.696056	-2.427622	0.015198168	0.076929516
<i>CD302</i>	-4.174133	1.71989	-2.426977	0.015225227	0.077036174
<i>IFFO2</i>	-2.139847	0.881769	-2.426767	0.01523403	0.077050416
<i>METTL15</i>	-1.308599	0.539456	-2.425774	0.015275793	0.07723129
<i>SLC19A1</i>	-2.211076	0.911741	-2.425114	0.015303569	0.077341329
<i>SYNPO2L</i>	-4.573706	1.886301	-2.424695	0.015321236	0.077400214
<i>ENSG00000246731</i>	-3.569313	1.472255	-2.424386	0.015334317	0.077435891
<i>RTTN</i>	-2.208726	0.911161	-2.42408	0.015347223	0.077443942
<i>ZFP57</i>	-4.643641	1.915644	-2.424063	0.015347948	0.077443942
<i>PEMT</i>	-1.870461	0.771685	-2.423866	0.015356283	0.077455623
<i>AMER1</i>	-2.742278	1.131502	-2.423574	0.015368616	0.077487456
<i>ENSG00000272540</i>	-3.597675	1.484687	-2.423188	0.015384981	0.077525607
<i>ENSG00000249790</i>	-3.518808	1.452233	-2.423033	0.01539151	0.077525607
<i>BLZF1</i>	-1.446487	0.59699	-2.422969	0.015394259	0.077525607
<i>IGHV3.30</i>	-3.584698	1.479946	-2.422182	0.01542763	0.077663271
<i>ENSG00000142046</i>	-2.077908	0.858057	-2.421644	0.015450468	0.077747821
<i>PPIP5K1</i>	-2.053999	0.848332	-2.421221	0.01546849	0.077795442
<i>LMNTD2</i>	-2.380655	0.983307	-2.42107	0.015474901	0.077795442
<i>ARSD</i>	-1.844266	0.761811	-2.420897	0.015482247	0.077795442
<i>FBXL22</i>	-2.590863	1.070227	-2.420853	0.015484116	0.077795442
<i>LINC00886</i>	-1.875989	0.77504	-2.420505	0.015498969	0.077839668
<i>ENSG00000279345</i>	-4.768615	1.970547	-2.419945	0.015522856	0.07792922
<i>GIPC1</i>	-1.723491	0.712352	-2.419439	0.015544486	0.077987916
<i>SLC41A2</i>	-2.216096	0.915981	-2.41937	0.015547432	0.077987916
<i>ACSL6</i>	-3.700651	1.529671	-2.419246	0.015552731	0.077987916
<i>LGALS3BP</i>	-2.149327	0.888533	-2.41896	0.015564937	0.078018718
<i>TMEM169</i>	-2.048965	0.847232	-2.418423	0.015587938	0.078103582
<i>SDR42E1</i>	-2.816105	1.164556	-2.418179	0.015598406	0.078117487
<i>IGLV2.8</i>	-4.825999	1.995802	-2.418075	0.015602855	0.078117487
<i>BTG2</i>	-0.470719	0.194733	-2.417257	0.015637977	0.078262873
<i>UCK2</i>	-2.04206	0.844904	-2.416912	0.015652791	0.07830026
<i>RETREG1</i>	-1.738785	0.719458	-2.4168	0.015657618	0.07830026
<i>SH3BP5.AS1</i>	-1.877136	0.77675	-2.416655	0.015663847	0.078300977
<i>YEATS2</i>	-2.017459	0.83499	-2.416148	0.015685673	0.078367102
<i>AMDHD1</i>	-3.514232	1.454603	-2.415938	0.015694715	0.078367102
<i>POP1</i>	-1.842201	0.762547	-2.415852	0.01569844	0.078367102
<i>TNKS1BP1</i>	-4.984258	2.063206	-2.415783	0.015701437	0.078367102
<i>LAPTM4B</i>	-2.213567	0.916471	-2.415316	0.015721578	0.078437201
<i>CENPP</i>	-2.032386	0.841615	-2.414866	0.015740987	0.078503597
<i>ALS2</i>	-1.932109	0.80031	-2.414202	0.015769707	0.078616357
<i>PPP1R16A</i>	-1.636218	0.677873	-2.413753	0.015789174	0.078682921
<i>WNT16</i>	-2.997546	1.241949	-2.413582	0.015796573	0.078689317
<i>LINC00921</i>	-1.797654	0.745025	-2.412878	0.015827115	0.07881095

<i>SNAI3.AS1</i>	-1.869111	0.774743	-2.412556	0.015841107	0.078850106
<i>ARRDC4</i>	-5.155572	2.13742	-2.412054	0.015862941	0.07888344
<i>CST7</i>	-5.155572	2.13742	-2.412054	0.015862941	0.07888344
<i>IGKV3.11</i>	-2.175812	0.902086	-2.411979	0.015866196	0.07888344
<i>MPRI1.AS1</i>	-1.920726	0.796422	-2.411694	0.015878612	0.078914678
<i>SUMO4</i>	-2.339367	0.970219	-2.411174	0.015901248	0.078996664
<i>ETV2</i>	-2.358531	0.978616	-2.410067	0.015949576	0.079206173
<i>GPLD1</i>	-1.862867	0.773012	-2.409882	0.015957681	0.079211566
<i>SRFBP1</i>	-1.252194	0.51964	-2.409736	0.015964061	0.079211566
<i>SMKR1</i>	-3.285143	1.363345	-2.40962	0.01596913	0.079211566
<i>KIFC2</i>	-2.003677	0.831626	-2.409348	0.015981045	0.079237024
<i>XG</i>	-3.602242	1.49533	-2.408995	0.015996532	0.079237024
<i>MYLK</i>	-4.788504	1.987804	-2.408942	0.015998852	0.079237024
<i>TIRAP</i>	-1.723799	0.715584	-2.408941	0.015998895	0.079237024
<i>ENSG00000272936</i>	-4.859347	2.017809	-2.408229	0.016030119	0.079353732
<i>ENSG00000261669</i>	-1.978548	0.821614	-2.408123	0.016034795	0.079353732
<i>IPMK</i>	-1.92382	0.799046	-2.407644	0.016055818	0.079422076
<i>ENSG00000232995</i>	-2.24666	0.933182	-2.407528	0.01606095	0.079422076
<i>ENSG00000260018</i>	-2.015124	0.837365	-2.406507	0.016105899	0.079613752
<i>ENSG00000276957</i>	-4.811839	1.999632	-2.406362	0.016112273	0.079614679
<i>TBL1X</i>	-1.522197	0.632828	-2.405389	0.016155268	0.079796483
<i>CHKB.DT</i>	-4.142755	1.722479	-2.405113	0.016167465	0.079826084
<i>TEX9</i>	-3.817988	1.587965	-2.404328	0.016202226	0.079931179
<i>MKS1</i>	-2.228416	0.926845	-2.404303	0.016203329	0.079931179
<i>HOXB7</i>	-4.967767	2.066316	-2.404166	0.016209411	0.079931179
<i>MCM6</i>	-1.854258	0.771299	-2.404072	0.016213599	0.079931179
<i>LUCAT1</i>	-2.409902	1.002639	-2.40356	0.016236283	0.080012355
<i>MROH1</i>	-1.572104	0.654159	-2.403245	0.016250317	0.080037381
<i>METRN</i>	-1.960451	0.815779	-2.403166	0.016253803	0.080037381
<i>CARNS1</i>	-2.948709	1.227352	-2.402497	0.016283551	0.080153195
<i>LBHD1</i>	-3.635764	1.513585	-2.402087	0.016301829	0.080206846
<i>SH3RF1</i>	-5.146069	2.142434	-2.401973	0.016306918	0.080206846
<i>ENSG00000276148</i>	-2.239222	0.932428	-2.401495	0.016328215	0.080280912
<i>ANKRD16</i>	-2.169132	0.903296	-2.401352	0.016334626	0.080281754
<i>ENSG00000236140</i>	-2.789022	1.161651	-2.400912	0.016354271	0.080318591
<i>TBX19</i>	-2.079655	0.866197	-2.400904	0.016354605	0.080318591
<i>ZNF25</i>	-2.236468	0.93159	-2.400699	0.016363803	0.0803331
<i>ENSG00000273188</i>	-1.966878	0.819383	-2.400438	0.016375477	0.080359749
<i>CRNDE</i>	-3.537567	1.474038	-2.399916	0.016398822	0.080443629
<i>GLCCI1</i>	-1.397233	0.582329	-2.399388	0.016422494	0.080529052
<i>MBNL1.AS1</i>	-2.025414	0.844311	-2.398894	0.016444658	0.080607016
<i>ZNF487</i>	-1.807744	0.753622	-2.398743	0.016451477	0.080609732
<i>PARBP</i>	-2.13909	0.892017	-2.398038	0.016483178	0.080734315
<i>RAB11FIP3</i>	-3.555315	1.482807	-2.397693	0.016498703	0.080754744
<i>ZFP69B</i>	-3.536159	1.474834	-2.397666	0.016499901	0.080754744
<i>LMNB2</i>	-1.974046	0.823511	-2.39711	0.016524963	0.080805667
<i>ENSG00000272764</i>	-1.894155	0.790205	-2.397041	0.016528075	0.080805667

<i>PLEKHA4</i>	-1.868272	0.779415	-2.397017	0.016529146	0.080805667
<i>ENSG00000279217</i>	-3.589768	1.497746	-2.39678	0.016539861	0.080827344
<i>RPH3AL</i>	-2.124486	0.886486	-2.396524	0.016551402	0.080853032
<i>SYCP2</i>	-3.255942	1.358849	-2.396102	0.016570458	0.0809154
<i>PRKRA.AS1</i>	-1.730929	0.722606	-2.3954	0.016602258	0.081039927
<i>EDRF1.DT</i>	-1.996874	0.833768	-2.395	0.016620375	0.081088948
<i>HIST3H2A</i>	-2.034367	0.849458	-2.3949	0.016624904	0.081088948
<i>MAP3K10</i>	-2.109239	0.880849	-2.394552	0.016640666	0.081125709
<i>ENSG00000271918</i>	-1.984588	0.828828	-2.394451	0.016645246	0.081125709
<i>ENSG00000268713</i>	-2.023687	0.845204	-2.394317	0.016651356	0.081125709
<i>ITGA5</i>	-2.118074	0.88473	-2.394035	0.016664164	0.081157378
<i>ZNF239</i>	-2.071953	0.865713	-2.393349	0.01669533	0.081258177
<i>EID2B</i>	-1.46479	0.612037	-2.393302	0.016697491	0.081258177
<i>CAPN3</i>	-2.142655	0.895655	-2.392278	0.016744158	0.081454473
<i>CPEB3</i>	-2.091542	0.874386	-2.392012	0.016756312	0.081482792
<i>ENSG00000274341</i>	-2.793524	1.168118	-2.391474	0.016780854	0.081571309
<i>TMSB4Y</i>	-2.753981	1.151865	-2.39089	0.016807609	0.08166949
<i>NAGS</i>	-2.080267	0.87013	-2.390755	0.016813747	0.08166949
<i>ENSG00000272870</i>	-2.451461	1.025721	-2.389987	0.016848972	0.081772361
<i>ENSG00000237181</i>	-2.197053	0.919334	-2.389831	0.016856122	0.081772361
<i>FAM185A</i>	-1.749297	0.731989	-2.389787	0.016858125	0.081772361
<i>ENSG00000262823</i>	-3.43677	1.438136	-2.389739	0.016860346	0.081772361
<i>ZNF835</i>	-1.998833	0.836521	-2.38946	0.01687318	0.081803773
<i>L1TD1</i>	-2.37722	0.995139	-2.388832	0.016902008	0.08191267
<i>FAM53B</i>	-1.135386	0.475403	-2.388259	0.016928422	0.081979299
<i>PARG</i>	-1.543896	0.646482	-2.388149	0.01693346	0.081979299
<i>LINC02166</i>	-3.742107	1.566969	-2.388119	0.01693487	0.081979299
<i>MFSD2A</i>	-4.88031	2.043839	-2.387815	0.01694886	0.082016164
<i>DPP8</i>	-1.138443	0.476854	-2.387406	0.016967742	0.082076667
<i>MEF2C</i>	0.701973	0.294085	2.386974	0.016987709	0.082133075
<i>CCND1</i>	-4.566755	1.913276	-2.386877	0.01699217	0.082133075
<i>ENSG00000266538</i>	-1.865624	0.781838	-2.386203	0.017023334	0.082197078
<i>TESC</i>	-2.508519	1.051266	-2.386189	0.017024001	0.082197078
<i>CASTOR3</i>	-2.058325	0.862604	-2.386177	0.017024575	0.082197078
<i>HDLBP</i>	1.64107	0.687819	2.385904	0.017037215	0.082227247
<i>LINC01410</i>	-3.71712	1.55807	-2.38572	0.017045715	0.082237427
<i>ENSG00000249249</i>	-2.100291	0.880468	-2.385425	0.01705939	0.082258746
<i>ENSG00000258302</i>	-3.755731	1.5745	-2.385349	0.01706292	0.082258746
<i>IGHG2</i>	-1.913457	0.802365	-2.38477	0.017089799	0.082329193
<i>MYO7B</i>	-3.607622	1.512819	-2.384703	0.017092936	0.082329193
<i>ARL15</i>	-1.842253	0.772595	-2.384502	0.017102271	0.082329193
<i>DAPL1</i>	-1.871901	0.785074	-2.384363	0.017108695	0.082329193
<i>PPARD</i>	-1.594674	0.668833	-2.384264	0.01711133	0.082329193
<i>H3F3C</i>	-2.412424	1.011874	-2.384115	0.017120251	0.082329193
<i>ENSG00000272948</i>	-3.146123	1.319668	-2.384026	0.017124373	0.082329193
<i>ZNF565</i>	-2.216228	0.929652	-2.383933	0.017128721	0.082329193
<i>ZC4H2</i>	-2.071913	0.86922	-2.383647	0.01714203	0.082362397

AGPS	-1.564523	0.656462	-2.383265	0.01715985	0.082383136
GPR35	-4.775052	2.003706	-2.383111	0.017167029	0.082383136
NDC80	-4.775052	2.003706	-2.383111	0.017167029	0.082383136
ENSG00000242474	-2.067436	0.867575	-2.383005	0.017171957	0.082383136
TRG.AS1	-2.933624	1.231195	-2.382745	0.017184077	0.082410553
IGIP	-2.244911	0.94246	-2.381969	0.017220355	0.082527587
PKD2	-2.070641	0.869337	-2.381863	0.017225292	0.082527587
CNPY4	-1.673796	0.702741	-2.381811	0.017227722	0.082527587
HACE1	-2.163205	0.908461	-2.381177	0.017257431	0.082639139
ANKDD1A	-2.62075	1.100762	-2.380852	0.017272669	0.082681337
ENSG00000260274	-2.205584	0.926573	-2.380368	0.017295352	0.082759127
ZNF284	-1.694116	0.711893	-2.379735	0.017325099	0.082851964
ARHGEF19	-1.779164	0.747659	-2.379645	0.017329316	0.082851964
FBLIM1	-1.992558	0.83737	-2.379544	0.017334071	0.082851964
ENSG00000256705	-4.849072	2.038072	-2.379245	0.017348124	0.082888343
DCAF12	-4.328142	1.819543	-2.378698	0.017373904	0.082979193
ZNF212	-1.652597	0.694787	-2.378568	0.017380036	0.082979193
ZFYVE9	-3.544798	1.490433	-2.378367	0.017389494	0.082993551
RAB12	-2.174024	0.914163	-2.378158	0.017399373	0.083009914
ENSG00000272525	-4.825765	2.029683	-2.377596	0.017425928	0.083074997
C6orf47.AS1	-4.825765	2.029683	-2.377596	0.017425928	0.083074997
GRK6	-1.559143	0.656113	-2.376334	0.01748565	0.083315487
MDGA1	-3.161911	1.330627	-2.376256	0.017489324	0.083315487
ATF3	-2.04876	0.862467	-2.375465	0.01752684	0.08345452
CADM4	-4.611853	1.941619	-2.375262	0.017536499	0.08345452
ENSG00000267469	-3.332167	1.402929	-2.37515	0.017541829	0.08345452
RAB9A	-1.076593	0.453284	-2.375095	0.017544453	0.08345452
NBEA	-2.330394	0.981278	-2.374856	0.0175558	0.083477636
NKG7	-3.422568	1.441386	-2.374498	0.017572815	0.083524778
WDCP	-1.896153	0.798591	-2.374375	0.017578697	0.083524778
APLF	-1.855426	0.781541	-2.374061	0.017593656	0.083564995
COG6	-1.787025	0.752817	-2.373783	0.017606895	0.083569476
ATP1A3	-4.623871	1.947903	-2.373768	0.017607589	0.083569476
ALCAM	-1.813648	0.7641	-2.373574	0.017616876	0.083582725
ENSG00000272829	-4.720632	1.989063	-2.373295	0.017630196	0.083615087
FAM76A	-1.124133	0.473912	-2.37203	0.017690663	0.083870951
TNFSF8	-4.698074	1.980846	-2.371752	0.017703976	0.083903153
ENSG00000279210	-3.531851	1.490194	-2.370062	0.017785101	0.084230783
MPND	-2.002378	0.844934	-2.369862	0.017794724	0.084230783
NUDC	-0.729984	0.308062	-2.3696	0.017807335	0.084230783
PGAM5	-2.200093	0.928497	-2.369521	0.017811151	0.084230783
ENSG00000263264	-2.004246	0.845847	-2.369514	0.017811483	0.084230783
ENSG00000237188	-1.715184	0.723876	-2.369444	0.017814832	0.084230783
ASMTL	-1.309801	0.552808	-2.369359	0.017818932	0.084230783
NOL4L	-3.556833	1.501276	-2.369207	0.017826261	0.084234485
APOC1	-3.169729	1.338319	-2.368441	0.017863221	0.084378142
ENSG00000231113	-1.826234	0.771256	-2.36787	0.017890816	0.084477477



<i>SLC25A30</i>	-2.091535	0.883402	-2.367591	0.017904315	0.084510206
<i>NUDT12</i>	-2.20003	0.929452	-2.367018	0.017932068	0.084610165
<i>TMEM135</i>	-2.110366	0.891667	-2.366765	0.017944321	0.084636942
<i>ENSG0000042317</i>	-2.04859	0.865838	-2.36602	0.017980451	0.08477628
<i>IL7R</i>	-2.03549	0.860476	-2.365539	0.018003839	0.084855459
<i>KNSTRN</i>	-1.700028	0.718897	-2.364772	0.018041164	0.084897286
<i>MFSD9</i>	-1.9717	0.833849	-2.364577	0.018050651	0.084897286
<i>ENSG00000229043</i>	-2.39947	1.014768	-2.364549	0.018052043	0.084897286
<i>ENSG00000268472</i>	-4.586009	1.939486	-2.364549	0.018052026	0.084897286
<i>TMEM229B</i>	-4.586009	1.939486	-2.364549	0.018052026	0.084897286
<i>SERAC1</i>	-1.816139	0.768092	-2.36448	0.018055405	0.084897286
<i>ALDH4A1</i>	-2.764343	1.169148	-2.364408	0.0180589	0.084897286
<i>WDR90</i>	-2.139448	0.904988	-2.364063	0.018075736	0.084945398
<i>SPNS3</i>	-2.214256	0.937027	-2.363066	0.018124439	0.085143175
<i>CKLF</i>	-0.967505	0.409463	-2.362864	0.018134301	0.085158414
<i>ZNF280B</i>	-1.963808	0.831225	-2.362548	0.018149773	0.085173917
<i>ENSG00000225187</i>	-3.618323	1.531548	-2.362527	0.018150842	0.085173917
<i>VSTM4</i>	-2.232448	0.945172	-2.361949	0.01817913	0.085253086
<i>AXIN2</i>	-4.509143	1.909154	-2.361854	0.018183819	0.085253086
<i>FILIP1L</i>	-4.733083	2.004035	-2.361777	0.01818759	0.085253086
<i>ITGA3</i>	-2.070146	0.8766	-2.361562	0.018198126	0.08527141
<i>SYT1</i>	-3.070282	1.300206	-2.361382	0.018206961	0.085281752
<i>MICOS13</i>	0.930814	0.394288	2.360743	0.018238346	0.085397669
<i>TPRN</i>	-2.164643	0.917182	-2.360103	0.018269866	0.08551414
<i>CELF4</i>	-2.934942	1.243851	-2.359561	0.018296552	0.085579547
<i>NUP210</i>	1.530311	0.648561	2.359549	0.018297143	0.085579547
<i>ENSG00000240859</i>	-4.517542	1.914799	-2.359277	0.018310568	0.085611221
<i>DZANK1</i>	-1.956918	0.829528	-2.359074	0.018320593	0.085618695
<i>SEPTIN9</i>	0.577963	0.24502	2.358845	0.018331913	0.085618695
<i>PDZD11</i>	-1.328445	0.563194	-2.358771	0.018335586	0.085618695
<i>ENSG00000237094</i>	-4.699596	1.992447	-2.358706	0.018338783	0.085618695
<i>ENSG00000264577</i>	-1.943637	0.824129	-2.358413	0.01835325	0.085655158
<i>DOLK</i>	-1.981541	0.840429	-2.357774	0.0183849	0.085760121
<i>HEATR5A</i>	-1.87027	0.793264	-2.357689	0.018389071	0.085760121
<i>ATG2B</i>	-1.680602	0.712908	-2.357389	0.018403951	0.085795558
<i>CDK2AP1</i>	-2.790968	1.184027	-2.357183	0.018414179	0.085795558
<i>DPF3</i>	-5.030491	2.134157	-2.357133	0.018416673	0.085795558
<i>LRRCC1</i>	-1.767832	0.750062	-2.356914	0.018427512	0.085810234
<i>SCAP</i>	-1.465964	0.622014	-2.3568	0.018433161	0.085810234
<i>ALG1L2</i>	-2.279931	0.967624	-2.356215	0.018462224	0.085865073
<i>KIF9</i>	-2.030877	0.861936	-2.356181	0.01846393	0.085865073
<i>CLSPN</i>	-2.448801	1.039319	-2.35616	0.018464961	0.085865073
<i>SLC31A1</i>	-1.870419	0.794015	-2.355646	0.018490554	0.08594579
<i>ENSG00000261416</i>	-2.308428	0.979998	-2.355543	0.018495678	0.08594579
<i>MED14OS</i>	-1.83898	0.780959	-2.354772	0.018534061	0.086026974
<i>LINC00638</i>	-2.09752	0.890777	-2.354708	0.018537241	0.086026974
<i>C5orf34</i>	-2.137983	0.907978	-2.354665	0.018539412	0.086026974

STAC3	-2.125801	0.902849	-2.354547	0.01854529	0.086026974
HDAC4	-2.078128	0.882639	-2.354448	0.018550244	0.086026974
ENSG00000254281	-2.625892	1.11534	-2.354342	0.01855555	0.086026974
B3GLCT	-2.027812	0.86134	-2.354253	0.01855995	0.086026974
PHF13	-1.885778	0.801064	-2.354092	0.018568015	0.086033361
SYTL3	-4.653954	1.97726	-2.353739	0.01858566	0.086084122
ENSG00000268220	-2.068004	0.87868	-2.353533	0.018595939	0.086095551
PSPN	-2.080602	0.884075	-2.353422	0.01860151	0.086095551
PPP1R3D	-2.254036	0.957873	-2.353167	0.018614264	0.08609668
UCN	-2.202144	0.935828	-2.35315	0.018615137	0.08609668
OVCH1.AS1	-3.317228	1.409947	-2.352732	0.018636045	0.086162413
ZBTB16	-2.478103	1.053499	-2.352259	0.018659784	0.08624118
ZDHHC19	-3.433445	1.460345	-2.351118	0.018717091	0.086474977
PHOSPHO2	-1.702735	0.724303	-2.35086	0.018730092	0.086503981
CENPW	-1.816215	0.772642	-2.350656	0.018740339	0.086520253
REEP6	-4.467298	1.901232	-2.349685	0.018789295	0.086698365
JAZF1.AS1	-4.645243	1.977016	-2.349624	0.018792395	0.086698365
ZNF687.AS1	-2.187983	0.931267	-2.349468	0.018800276	0.086703639
IGLL1	-2.748361	1.169872	-2.349284	0.01880956	0.086715376
BRICD5	-2.16333	0.920939	-2.349048	0.018821474	0.086733683
CAPRIN2	-1.614792	0.687456	-2.348939	0.018827013	0.086733683
KPNA4	-1.227898	0.522783	-2.348772	0.018835419	0.086741351
ZNF571.AS1	-2.505309	1.067112	-2.347747	0.018887348	0.086949375
SLC28A2	-2.06124	0.878122	-2.347328	0.018908612	0.086978622
TMEM81	-4.586782	1.954153	-2.347197	0.018915231	0.086978622
PCNX3	-1.801855	0.767677	-2.347152	0.018917518	0.086978622
CNTLN	-3.027293	1.28985	-2.347011	0.018924683	0.086978622
ZNF469	-4.564568	1.944889	-2.346956	0.0189275	0.086978622
GDAP1	-1.98845	0.847322	-2.346746	0.018938144	0.086996463
LZTR1	-1.602778	0.683143	-2.346183	0.018966815	0.087097076
CUZD1	-4.49517	1.916078	-2.346026	0.018974787	0.087102598
OLMALINC	-2.790734	1.189661	-2.345824	0.018985073	0.087118734
ADAM9	-4.638025	1.97775	-2.345102	0.019021865	0.08723766
TSIX	-3.920391	1.671773	-2.34505	0.019024549	0.08723766
ENSG00000272181	-4.928768	2.102026	-2.344771	0.019038786	0.08727184
BBOF1	-2.250914	0.960096	-2.344468	0.019054231	0.087311534
NAB1	-1.801628	0.768649	-2.343888	0.019083891	0.087398481
TXNDC9	-1.032301	0.440435	-2.343821	0.019087345	0.087398481
SLC18B1	-1.552922	0.662631	-2.343571	0.019100132	0.087398481
AFG1L	-1.99736	0.852274	-2.343566	0.019100375	0.087398481
ENSG00000270019	-1.583898	0.676014	-2.342997	0.019129547	0.087483192
FN1	-3.394454	1.448802	-2.342939	0.019132486	0.087483192
ENSG00000255389	-2.360484	1.007681	-2.34249	0.019155558	0.08755757
ENSG00000259001	-2.012624	0.859242	-2.342324	0.019164058	0.087558506
ZXDA	-2.220522	0.948041	-2.342221	0.019169372	0.087558506
POMT1	-1.680275	0.717651	-2.341355	0.019213904	0.087700416
ENSG00000203546	-2.225072	0.950336	-2.341351	0.019214073	0.087700416

KCNK6	-1.410775	0.602627	-2.341043	0.019229949	0.087741754
PTK6	-3.203917	1.368764	-2.340737	0.019245727	0.087771413
ENSG00000257194	-5.049559	2.15733	-2.340652	0.019250092	0.087771413
TP53I3	-2.216853	0.947165	-2.340515	0.019257163	0.087772555
SLC41A3	-1.226149	0.523947	-2.340214	0.019272696	0.087785118
HDAC11	-2.270499	0.970217	-2.340197	0.019273565	0.087785118
PPRC1	-1.848383	0.789957	-2.339854	0.019291257	0.087804341
KIAA1328	-1.440641	0.615698	-2.339851	0.019291433	0.087804341
LRP2BP	-2.066339	0.883306	-2.339324	0.019318648	0.087872611
PIK3R2	-3.29744	1.409586	-2.339297	0.019320091	0.087872611
TST	-2.451507	1.048169	-2.338848	0.019343315	0.087947151
BOLA2.SMG1P6	-1.551765	0.663572	-2.338503	0.019361155	0.087952312
RND1	-1.837404	0.785719	-2.3385	0.019361343	0.087952312
TEX10	-1.548782	0.662319	-2.338424	0.019365266	0.087952312
DUSP16	-4.783478	2.045709	-2.338298	0.019371792	0.087952312
TEPP	-2.141516	0.915897	-2.338164	0.01937874	0.087952821
PRKAB1	-1.520907	0.65089	-2.336656	0.019457057	0.088221431
DGKZ	-1.432457	0.613055	-2.336587	0.019460679	0.088221431
YOD1	-1.840072	0.787518	-2.336547	0.019462752	0.088221431
CLCN5	-3.345656	1.431911	-2.336497	0.019465349	0.088221431
MYBL2	-3.338895	1.429155	-2.336272	0.019477066	0.088238842
SLC25A53	-1.442218	0.617352	-2.336136	0.019484152	0.088238842
TRAF3IP1	-2.613432	1.11875	-2.336028	0.019489764	0.088238842
CCNJ	-2.136189	0.914534	-2.335823	0.019500452	0.088256177
ENSG00000247373	-2.043672	0.874991	-2.335648	0.01950957	0.088266397
DLK2	-5.134031	2.198795	-2.334929	0.019547118	0.088405192
CA5A	-4.788898	2.05148	-2.334363	0.019576732	0.088508013
TRAPPC2L	1.472614	0.630893	2.334176	0.019586531	0.088521212
KTN1.AS1	-3.434683	1.471691	-2.333834	0.019604421	0.088546495
ABCB10	-1.778484	0.762053	-2.333806	0.019605888	0.088546495
SREK1	-0.825971	0.354065	-2.332821	0.019657543	0.088711802
ENSG00000272426	-2.312614	0.991403	-2.332669	0.019665538	0.088711802
SLC7A11	-4.414023	1.892294	-2.332631	0.01966753	0.088711802
LY6E	-0.642266	0.275351	-2.332537	0.019672439	0.088711802
TMPO.AS1	-2.004804	0.859527	-2.332451	0.019676963	0.088711802
GLB1L	-1.812507	0.77719	-2.33213	0.019693836	0.088756772
SNRPF	-0.553277	0.237284	-2.331707	0.01971612	0.088805168
ENSG00000245025	-2.123725	0.91082	-2.331664	0.019718378	0.088805168
C1QTNF3	-2.415922	1.036274	-2.331355	0.019734638	0.088818078
UBOX5	-1.820126	0.780737	-2.331293	0.019737911	0.088818078
LINC00887	-5.029431	2.157428	-2.331216	0.019741952	0.088818078
KIF13A	-2.344575	1.005913	-2.330793	0.019764267	0.088887388
DCLRE1B	-2.244572	0.963184	-2.330367	0.019786758	0.088957446
YPEL5	1.30863	0.561638	2.330022	0.01980498	0.089008269
ENSG00000227070	-3.82031	1.639755	-2.329806	0.019816429	0.089028628
ENSG00000275580	-4.934653	2.118332	-2.329499	0.019832635	0.089070336
GNE	-1.738511	0.746467	-2.328988	0.019859721	0.089093529

<i>IGHV1.18</i>	-4.641533	1.992987	-2.328934	0.019862582	0.089093529
<i>AGER</i>	-2.106117	0.904373	-2.328816	0.019868817	0.089093529
<i>RNF208</i>	-4.705033	2.020381	-2.328785	0.019870459	0.089093529
<i>WDR62</i>	-5.095148	2.187935	-2.328748	0.01987242	0.089093529
<i>PLD2</i>	-1.739519	0.747224	-2.327975	0.019913433	0.089246304
<i>SEMA4F</i>	-1.907093	0.819671	-2.326658	0.01998349	0.089529096
<i>ENSG00000271855</i>	-2.672275	1.148635	-2.326479	0.019993021	0.089540619
<i>RASGRF1</i>	-2.224771	0.956434	-2.326111	0.020012652	0.089597353
<i>CLPB</i>	-1.938209	0.833323	-2.325881	0.020024926	0.08962112
<i>TRAM2</i>	-1.971808	0.847865	-2.325616	0.02003903	0.089624042
<i>ABCC2</i>	-4.845596	2.083583	-2.325607	0.020039509	0.089624042
<i>ELL3</i>	-2.167319	0.932076	-2.32526	0.020058057	0.089675822
<i>RPL38</i>	-0.152096	0.065441	-2.324177	0.020116005	0.089903658
<i>MTCH1</i>	1.37291	0.590875	2.323522	0.020151126	0.090011668
<i>ENSG00000263884</i>	-4.712601	2.028264	-2.323465	0.020154163	0.090011668
<i>PEX5</i>	-1.785935	0.768967	-2.322512	0.020205357	0.090203835
<i>MYO1D</i>	-4.456124	1.918755	-2.322404	0.020211211	0.090203835
<i>ADAM20</i>	-4.667862	2.010098	-2.322206	0.020221856	0.090220048
<i>A2M.AS1</i>	-5.213216	2.245583	-2.321542	0.02025759	0.090348151
<i>SH3D21</i>	-3.293063	1.418693	-2.321196	0.020276286	0.090400198
<i>SDCBP2</i>	-3.408742	1.469176	-2.320172	0.020331551	0.090615194
<i>VWA5A</i>	-2.5522	1.1003	-2.319549	0.020365306	0.09073421
<i>LINC01063</i>	-3.407132	1.469466	-2.318619	0.020415712	0.090917669
<i>ENSG00000263766</i>	-4.583179	1.976762	-2.318529	0.020420616	0.090917669
<i>NAA50</i>	-0.751787	0.32431	-2.31811	0.020443364	0.090987467
<i>IGF2BP3</i>	-4.734752	2.042763	-2.317817	0.020459264	0.091008577
<i>PYCR1</i>	-3.344672	1.443061	-2.317762	0.020462253	0.091008577
<i>CACNA1F</i>	-4.8672	2.100209	-2.317484	0.020477375	0.091038421
<i>WDR31</i>	-5.246101	2.26389	-2.317295	0.020487654	0.091038421
<i>PHGDH</i>	-3.856429	1.664228	-2.317249	0.020490189	0.091038421
<i>POLR1A</i>	-1.798026	0.775978	-2.317111	0.020497704	0.091040371
<i>THBS3</i>	-2.118925	0.914551	-2.316902	0.020509087	0.091059495
<i>PAQR3</i>	-1.968515	0.849685	-2.316757	0.020516946	0.091062967
<i>ENSG00000261584</i>	-2.574373	1.111363	-2.31641	0.020535908	0.091115698
<i>PLCD3</i>	-3.133724	1.352997	-2.316136	0.02055086	0.091120182
<i>TECPR2</i>	-2.103932	0.908382	-2.316132	0.020551082	0.091120182
<i>ENSG00000260228</i>	-4.231663	1.827532	-2.315506	0.020585247	0.091240226
<i>ENSG00000272630</i>	-1.989909	0.859513	-2.315157	0.02060432	0.091275019
<i>LINC00852</i>	-2.171719	0.938066	-2.315103	0.020607285	0.091275019
<i>ZNF510</i>	-1.750436	0.756455	-2.314001	0.020667687	0.091511058
<i>RAB30.DT</i>	-0.958114	0.414115	-2.313643	0.020687336	0.091566546
<i>DLGAP4.AS1</i>	-2.151914	0.9304	-2.31289	0.020728703	0.091718095
<i>PTPRJ</i>	-2.725799	1.17866	-2.312626	0.020743223	0.091750791
<i>PIDD1</i>	-1.614915	0.698485	-2.312026	0.020776246	0.091865276
<i>SPIN3</i>	-4.80609	2.079957	-2.310668	0.020851209	0.092165064
<i>RPS6KC1</i>	-1.606956	0.695601	-2.310169	0.020878789	0.092255282
<i>ENSG00000237950</i>	-4.580951	1.983532	-2.309492	0.020916312	0.092389353

<i>AZIN1.AS1</i>	-1.96482	0.85096	-2.308945	0.020946615	0.092444325
<i>TEPSIN</i>	-1.347769	0.583727	-2.308903	0.020948955	0.092444325
<i>SCN3A</i>	-2.60491	1.128314	-2.308674	0.020961682	0.092444325
<i>HSPB1L1</i>	-2.259785	0.97892	-2.308447	0.020974266	0.092444325
<i>FOSL2</i>	-4.561182	1.97588	-2.30843	0.020975236	0.092444325
<i>GPR171</i>	-3.818017	1.653963	-2.308406	0.020976591	0.092444325
<i>LRRIQ3</i>	-2.383589	1.032589	-2.308361	0.020979049	0.092444325
<i>C19orf81</i>	-4.283968	1.856009	-2.308162	0.020990146	0.092450705
<i>SLC25A35</i>	-2.121088	0.918985	-2.308077	0.020994868	0.092450705
<i>CUL7</i>	-2.022525	0.876451	-2.307632	0.021019619	0.092511364
<i>ENSG00000257354</i>	-1.727076	0.748439	-2.307571	0.021023022	0.092511364
<i>CSF2RB</i>	-2.042439	0.885219	-2.30727	0.021039773	0.092548181
<i>ENSG00000261200</i>	-2.93056	1.270201	-2.307162	0.021045774	0.092548181
<i>SYNGR1</i>	-1.70087	0.737272	-2.306977	0.021056081	0.092561871
<i>NEK3</i>	-2.030388	0.880575	-2.305753	0.021124423	0.092830584
<i>RFT1</i>	-1.653864	0.71766	-2.304524	0.021193268	0.093014209
<i>ZNF142</i>	-1.817874	0.788837	-2.304498	0.021194708	0.093014209
<i>IL6R</i>	-4.603879	1.997854	-2.304412	0.021199511	0.093014209
<i>ENSG00000260271</i>	-2.582812	1.120844	-2.304347	0.021203187	0.093014209
<i>PTAFR</i>	-2.125072	0.922204	-2.30434	0.02120355	0.093014209
<i>ENSG00000267169</i>	-1.830753	0.794517	-2.304233	0.021209582	0.093014209
<i>ARL5B</i>	-1.66545	0.722863	-2.303965	0.021224606	0.093048385
<i>TMOD1</i>	-2.257316	0.980276	-2.302736	0.021293702	0.093319504
<i>FBXW4</i>	-1.324107	0.575053	-2.302583	0.021302328	0.09332552
<i>GSTCD</i>	-1.823788	0.792308	-2.301869	0.021342578	0.093417355
<i>ENSG00000257433</i>	-1.936048	0.841102	-2.301798	0.021346546	0.093417355
<i>ATRN</i>	-1.893559	0.822648	-2.301784	0.021347335	0.093417355
<i>TOMM7</i>	-0.303749	0.131967	-2.301696	0.021352331	0.093417355
<i>TTY14</i>	-2.827152	1.228619	-2.30108	0.02138711	0.093537711
<i>TMEM267</i>	-1.354309	0.588727	-2.300402	0.021425438	0.093673498
<i>CASZ1</i>	-1.916041	0.833216	-2.299573	0.021472418	0.093847011
<i>SH3D19</i>	-2.060476	0.896116	-2.299342	0.021485528	0.093858743
<i>C21orf58</i>	-2.099807	0.91325	-2.299269	0.021489691	0.093858743
<i>SMARCD3</i>	-4.526562	1.969713	-2.298082	0.021557145	0.094117184
<i>ANG</i>	-4.376693	1.904591	-2.29797	0.021563492	0.094117184
<i>JSRP1</i>	-3.645391	1.58665	-2.297539	0.02158805	0.094165685
<i>BATF2</i>	-2.68102	1.16692	-2.297518	0.021589241	0.094165685
<i>ENSG00000272606</i>	-1.611504	0.701689	-2.296608	0.021641139	0.094360062
<i>CD58</i>	1.641577	0.714879	2.296299	0.021658793	0.094405043
<i>CHSY1</i>	-1.887926	0.822228	-2.296109	0.021669626	0.094420277
<i>ZNF584</i>	-1.73953	0.757832	-2.295402	0.021710111	0.094561454
<i>CAMKK2</i>	-1.81913	0.79255	-2.295286	0.021716725	0.094561454
<i>RESF1</i>	-0.755257	0.3291	-2.294915	0.021737978	0.094621977
<i>ENSG00000204802</i>	-2.020317	0.880701	-2.293988	0.021791209	0.094807787
<i>ERCC2</i>	-1.605931	0.700083	-2.293915	0.021795402	0.094807787
<i>FBXW9</i>	-2.008471	0.875744	-2.293446	0.02182233	0.094892844
<i>RCBTB1</i>	-1.667349	0.727201	-2.29283	0.021857785	0.095014907

<i>EPOP</i>	-4.783894	2.086781	-2.292475	0.021878224	0.095071633
<i>NGRN</i>	-1.699068	0.741326	-2.291931	0.021909643	0.095176023
<i>TPRG1L</i>	-1.444942	0.630562	-2.291516	0.021933609	0.095247975
<i>ENSG00000277496</i>	-1.943738	0.848576	-2.290588	0.021987244	0.095448673
<i>TMEM38A</i>	-1.842634	0.804502	-2.290404	0.021997929	0.095462849
<i>PALLD</i>	-2.03677	0.889529	-2.289719	0.022037619	0.095601702
<i>GOLGA6L9</i>	-2.981743	1.302301	-2.289595	0.022044785	0.095601702
<i>TBKBP1</i>	-4.653318	2.032887	-2.289019	0.022078256	0.095692188
<i>ENSG00000259488</i>	-2.291949	1.001297	-2.28898	0.022080524	0.095692188
<i>ZNF354C</i>	-2.016393	0.880974	-2.288822	0.022089724	0.095699823
<i>CERCAM</i>	-1.89542	0.828178	-2.288661	0.022099033	0.09570793
<i>METRNL</i>	-2.691144	1.176095	-2.288203	0.022125716	0.095791245
<i>MYO5C</i>	-2.175477	0.950893	-2.287826	0.022147656	0.095853984
<i>KRT18</i>	-1.604252	0.701293	-2.287564	0.022162927	0.095887822
<i>RPS4Y2</i>	-3.523896	1.540752	-2.287127	0.022188421	0.095965852
<i>CENPU</i>	-2.168529	0.948202	-2.28699	0.022196412	0.095968158
<i>SGPP2</i>	-4.543672	1.987053	-2.286638	0.022216955	0.09602471
<i>ENSG00000225793</i>	-4.549416	1.989785	-2.286386	0.022231663	0.096027358
<i>SLC39A8</i>	-1.760512	0.770002	-2.286372	0.022232494	0.096027358
<i>RXRA</i>	-2.213357	0.96818	-2.2861	0.022248422	0.096063908
<i>KMO</i>	-1.414918	0.618984	-2.285871	0.022261814	0.096089487
<i>ENSG00000187951</i>	-1.657864	0.725342	-2.285632	0.022275768	0.096097233
<i>ZNF736</i>	-1.472298	0.644181	-2.285534	0.02228154	0.096097233
<i>TRAFD1</i>	-1.495594	0.654445	-2.285286	0.022296039	0.096097233
<i>HHIP.AS1</i>	-4.132914	1.808491	-2.285284	0.022296203	0.096097233
<i>ENSG00000268292</i>	-4.358353	1.907346	-2.285035	0.022310751	0.096097233
<i>GUCY2C</i>	-1.567313	0.685941	-2.28491	0.022318127	0.096097233
<i>THAP4</i>	-1.368658	0.599003	-2.284893	0.022319079	0.096097233
<i>GPAM</i>	-2.022175	0.885048	-2.28482	0.022323357	0.096097233
<i>EME2</i>	-1.937537	0.848221	-2.284237	0.022357606	0.096212482
<i>TONSL</i>	-1.774065	0.776852	-2.283658	0.022391641	0.096326729
<i>ERRFI1</i>	-4.611442	2.019724	-2.283204	0.022418357	0.096409424
<i>INPP5E</i>	-1.684924	0.738174	-2.282556	0.022456533	0.096489023
<i>AMT</i>	-1.958075	0.857855	-2.282525	0.022458353	0.096489023
<i>ANO10</i>	-1.96159	0.859401	-2.282508	0.022459363	0.096489023
<i>PTBP1</i>	-0.852974	0.373837	-2.281672	0.022508693	0.096627242
<i>TWNK</i>	-1.833454	0.803598	-2.281556	0.022515585	0.096627242
<i>SIK1</i>	-4.771191	2.091213	-2.281542	0.022516395	0.096627242
<i>SLC38A1</i>	-0.677387	0.29691	-2.281454	0.022521574	0.096627242
<i>EP300</i>	-1.010344	0.442914	-2.281131	0.022540704	0.096677081
<i>ENSG00000267397</i>	-4.324094	1.895751	-2.28094	0.022552023	0.096693394
<i>ENSG00000261135</i>	-2.462457	1.080323	-2.279371	0.022645048	0.097059906
<i>LINC00158</i>	-4.661272	2.045555	-2.278732	0.022682993	0.09713566
<i>ENSG00000182109</i>	-2.204454	0.967435	-2.278658	0.022687384	0.09713566
<i>LCA5</i>	-3.579109	1.570731	-2.278626	0.022689302	0.09713566
<i>ENSG00000237851</i>	-4.547206	1.995644	-2.278565	0.022692919	0.09713566
<i>ENSG00000231856</i>	-1.869723	0.820693	-2.278225	0.022713196	0.097190121

<i>DDTL</i>	-4.45289	1.954727	-2.278011	0.022725894	0.097212129
<i>SRRT</i>	-1.068268	0.469157	-2.276994	0.022786571	0.097439283
<i>HSPA1B</i>	-3.203295	1.407256	-2.27627	0.022829858	0.097560062
<i>KLRG1</i>	-1.970773	0.865874	-2.276051	0.022842939	0.097560062
<i>TLR7</i>	-1.776825	0.780664	-2.276044	0.022843362	0.097560062
<i>ITPKB.AS1</i>	-1.818257	0.79892	-2.275893	0.022852409	0.097560062
<i>RPL30</i>	-0.124959	0.054906	-2.275888	0.022852726	0.097560062
<i>SBNO2</i>	-1.947054	0.855654	-2.275516	0.022874985	0.097576503
<i>SAP30</i>	-4.709601	2.069699	-2.2755	0.022875943	0.097576503
<i>LZTS3</i>	-4.500383	1.977805	-2.275444	0.022879328	0.097576503
<i>ENSG00000232807</i>	-4.485704	1.972245	-2.274415	0.02294103	0.097807236
<i>ENSG00000254614</i>	-1.546634	0.680075	-2.274211	0.022953306	0.097827156
<i>CABLES2</i>	-3.288621	1.446313	-2.273796	0.022978276	0.097871415
<i>RAB11B.AS1</i>	-1.412899	0.621386	-2.273785	0.022978903	0.097871415
<i>ENSG00000269898</i>	-1.99541	0.877792	-2.273216	0.023013176	0.097984956
<i>TRGV5</i>	-2.226743	0.979667	-2.272958	0.023028682	0.098018542
<i>CHAF1A</i>	-1.901191	0.836573	-2.272593	0.023050698	0.098079806
<i>PLXND1</i>	-2.174964	0.957386	-2.271774	0.023100152	0.098203413
<i>CCDC120</i>	-1.998141	0.87956	-2.27175	0.023101586	0.098203413
<i>IGLV2.14</i>	-2.527753	1.112698	-2.271733	0.023102645	0.098203413
<i>LIN52</i>	-1.55626	0.68519	-2.271282	0.023129914	0.098286855
<i>ENSG00000268568</i>	-2.156409	0.949558	-2.270962	0.023149284	0.098336692
<i>ENSG00000130520</i>	-0.573624	0.252622	-2.270684	0.02316614	0.098348355
<i>ENSG00000250938</i>	-4.584401	2.018969	-2.270664	0.023167317	0.098348355
<i>ENSG00000260563</i>	-3.237993	1.426162	-2.270424	0.02318184	0.098373728
<i>MCF2L</i>	-4.437094	1.954397	-2.270313	0.023188584	0.098373728
<i>CYHR1</i>	-0.981107	0.432223	-2.269908	0.023213153	0.098445499
<i>RRP9</i>	-1.474512	0.649846	-2.269019	0.023267192	0.09864216
<i>GALK2</i>	-1.390858	0.613153	-2.268368	0.023306775	0.098777427
<i>PTCD2</i>	-1.541908	0.67989	-2.267878	0.02333665	0.098821038
<i>TRIM44</i>	1.339828	0.590791	2.267856	0.023337987	0.098821038
<i>EMC1.AS1</i>	-3.052233	1.345888	-2.267821	0.023340105	0.098821038
<i>SNX13</i>	-1.302517	0.57441	-2.267574	0.023355206	0.098852448
<i>ZNF287</i>	-1.834293	0.808973	-2.267434	0.023363755	0.098856114
<i>GZF1</i>	-1.653062	0.729247	-2.266805	0.023402139	0.098985972
<i>CCNA2</i>	-4.037019	1.781324	-2.266302	0.023432883	0.09908344
<i>CDCA7</i>	-4.570022	2.017929	-2.264709	0.023530526	0.099463626
<i>TRUB1</i>	-1.626977	0.718523	-2.264333	0.023553624	0.099528566
<i>ENSG00000229852</i>	-1.407436	0.621612	-2.26417	0.023563682	0.099537806
<i>ENSG00000261158</i>	-4.389455	1.938766	-2.264046	0.023571283	0.099537806
<i>ENSG00000238198</i>	-4.463469	1.971902	-2.263535	0.023602757	0.09960523
<i>MPP7</i>	-1.786303	0.789167	-2.263529	0.023603112	0.09960523
<i>SRPK1</i>	1.633121	0.721532	2.263409	0.023610473	0.09960523
<i>MGST2</i>	-2.091934	0.924492	-2.262793	0.023648466	0.099732814
<i>ZKSCAN2</i>	-1.960809	0.866877	-2.261923	0.023702165	0.099926526
<i>PRADC1</i>	-1.777825	0.786083	-2.261626	0.023720507	0.099971098
<i>LINC02242</i>	-3.327721	1.471615	-2.261272	0.023742443	0.100030784

GSK3A	-1.501026	0.663933	-2.26081	0.023771055	0.10011855
TM4SF19.AS1	-4.139753	1.831397	-2.260435	0.023794267	0.100183518
CCT3	1.009731	0.446769	2.260071	0.023816826	0.100245697
ENSG00000259943	-1.621058	0.717682	-2.258741	0.023899496	0.100560762
MAFG.DT	-4.319371	1.913262	-2.257595	0.023970919	0.100803486
ERN1	-3.19937	1.417178	-2.257564	0.02397285	0.100803486
ZRANB1	-1.458474	0.646093	-2.257374	0.023984686	0.100820305
ENSG00000263335	-2.199253	0.974404	-2.257024	0.024006566	0.100879321
PLLP	-4.303137	1.906868	-2.256651	0.024029866	0.100944267
ENSG00000236833	-4.491528	1.991469	-2.255384	0.024109246	0.101244669
AARS2	-1.944047	0.862084	-2.255055	0.024129847	0.101271993
MSANTD2	-1.645132	0.729539	-2.255029	0.024131494	0.101271993
ACOT2	-2.377951	1.054636	-2.254759	0.024148449	0.101310104
SLC14A1	-4.278184	1.898601	-2.253335	0.024238058	0.101652899
C2orf92	-4.244822	1.884224	-2.252822	0.024270351	0.101702257
ENSG00000227518	-4.244822	1.884224	-2.252822	0.024270351	0.101702257
FSD1	-2.506883	1.112813	-2.252745	0.024275255	0.101702257
PHLDB3	-1.401893	0.622393	-2.252423	0.024295568	0.101702257
TFB1M	-1.219823	0.541563	-2.252411	0.024296323	0.101702257
TOR4A	-1.698177	0.753943	-2.252396	0.024297252	0.101702257
BAHD1	-1.752336	0.77814	-2.251956	0.02432506	0.101785543
MIR497HG	-2.087689	0.927178	-2.251659	0.024343821	0.101830932
RNPEPL1	-1.110211	0.493109	-2.251452	0.024356899	0.101852525
SLC35G5	-2.015929	0.895487	-2.25121	0.024372271	0.101883695
ACTR3B	-1.802683	0.800846	-2.250973	0.024387277	0.101913314
SLC23A3	-2.031415	0.902804	-2.250116	0.024441557	0.102106984
SPPL3	-1.300436	0.578156	-2.24928	0.024494683	0.102295712
HDX	-2.097761	0.932982	-2.248448	0.024547645	0.102445804
ENDOG	-2.129959	0.947352	-2.248328	0.024555263	0.102445804
LANCL1	-1.553614	0.691079	-2.2481	0.024569845	0.102445804
PJA1	-1.304015	0.580076	-2.248007	0.024575748	0.102445804
PRR5L	-4.33688	1.929229	-2.247987	0.024577037	0.102445804
MXRA7	-2.23293	0.993311	-2.247965	0.024578394	0.102445804
FAM111B	-0.963139	0.428571	-2.247327	0.024619112	0.102555747
PTPRK	-1.817558	0.808789	-2.24726	0.024623442	0.102555747
MFN2	-1.567291	0.697466	-2.247123	0.024632136	0.102555747
NEK6	-1.706815	0.759579	-2.247053	0.024636653	0.102555747
ENSG00000270189	-1.541621	0.686127	-2.246845	0.024649921	0.102577793
LINC01252	-2.289869	1.019243	-2.246637	0.024663217	0.10259994
NEURL4	-1.966747	0.875878	-2.245458	0.024738717	0.102880762
SLFN13	-1.898954	0.845758	-2.245269	0.02475088	0.102898086
DHCR24	-1.924371	0.857295	-2.244701	0.02478735	0.103016418
LIMD1.AS1	-4.404831	1.96277	-2.244191	0.024820134	0.103119364
ZNF599	-2.178174	0.970989	-2.243254	0.024880421	0.103336467
ENSG00000234936	-1.879076	0.837862	-2.242704	0.024915922	0.103443231
PANK3	-1.314216	0.586023	-2.242601	0.024922545	0.103443231
ADGRG5	-2.132255	0.950846	-2.242482	0.024930245	0.103443231



LILRB3	-1.989644	0.887379	-2.242158	0.024951151	0.1034966
IGSF22	-2.192062	0.977869	-2.241672	0.024982556	0.103593474
ATL2	-1.560649	0.696334	-2.241237	0.025010732	0.103676897
MANEA	-1.732958	0.773308	-2.240969	0.025028074	0.103715373
ENSG00000267838	-2.350645	1.049111	-2.240607	0.025051572	0.103779323
LRRC8B	-1.706918	0.762081	-2.239811	0.025103186	0.103913403
ERLIN1	-1.716288	0.766276	-2.239777	0.025105377	0.103913403
JHY	-2.066328	0.922593	-2.239696	0.025110641	0.103913403
BRIX1	1.624117	0.725178	2.23961	0.025116242	0.103913403
BRF1	-1.76823	0.78959	-2.239427	0.025128142	0.103929222
PREP	-1.793708	0.801211	-2.238748	0.025172349	0.104064215
ENSG00000140743	-2.191011	0.978708	-2.238677	0.025176957	0.104064215
SYT15	-2.923976	1.306286	-2.238388	0.02519575	0.104108452
ENSG00000178386	-2.166562	0.968084	-2.23799	0.025221678	0.104182129
ENSG00000272049	-4.212955	1.882699	-2.237721	0.025239261	0.104193097
CPLANE1	-1.407949	0.6292	-2.237681	0.025241855	0.104193097
DDX21	1.467384	0.655821	2.237477	0.025255174	0.104193097
SLC51A	-2.546847	1.13828	-2.237453	0.025256724	0.104193097
ZDHHC13	-1.474584	0.65937	-2.236353	0.025328634	0.104434316
CLNK	-4.390754	1.963392	-2.236311	0.025331429	0.104434316
COLCA2	-1.890803	0.845607	-2.236031	0.025349755	0.104476393
WDR91	-1.933382	0.864863	-2.235478	0.025385963	0.104544492
UEVLD	-1.667394	0.745879	-2.235476	0.025386088	0.104544492
CCDC15	-2.549774	1.140671	-2.235329	0.025395758	0.104544492
ZNF468	-1.588566	0.710695	-2.235227	0.025402445	0.104544492
ZNF782	-2.158069	0.96551	-2.235159	0.025406903	0.104544492
CCDC189	-1.569822	0.702396	-2.234952	0.025420515	0.104559704
HNRNPU	0.944997	0.422845	2.234855	0.025426853	0.104559704
UBTD2	-1.888784	0.845255	-2.234573	0.025445367	0.104602406
ENSG00000257151	-1.863529	0.834016	-2.234405	0.025456455	0.104614568
ZNF793.AS1	-1.811657	0.810906	-2.234115	0.025475524	0.104659505
ZNF486	-1.824342	0.816675	-2.233865	0.025491944	0.104693533
KLHDC1	-2.109348	0.944353	-2.233644	0.025506527	0.104720002
GLMP	-1.638665	0.733808	-2.233098	0.025542487	0.10483419
SLC19A2	-4.290613	1.921982	-2.23239	0.025589226	0.104992529
ZNF446	-1.725333	0.77291	-2.232257	0.025597996	0.10499503
ENSG00000261187	-4.481142	2.007789	-2.231879	0.025622992	0.105064065
PATZ1	-1.819612	0.815367	-2.231648	0.025638234	0.105093073
TRIM68	-2.369077	1.062254	-2.230236	0.025731787	0.105442963
MRM1	-1.669778	0.748826	-2.22986	0.025756766	0.105493635
SEPSECS	-1.923033	0.862423	-2.229803	0.02576055	0.105493635
TDRKH	-1.971307	0.884408	-2.228957	0.025816754	0.105690158
SLAIN1	-1.947122	0.873663	-2.228687	0.025834744	0.105730168
FANCB	-1.864437	0.836706	-2.228305	0.02586017	0.105800577
IVD	-1.294609	0.581135	-2.227724	0.025898936	0.105925495
RPGRIP1L	-2.286741	1.026729	-2.22721	0.025933212	0.10603198
ENSG00000271553	-3.13323	1.407581	-2.225967	0.026016363	0.106338165

<i>TNFRSF12A</i>	-1.755952	0.789047	-2.225408	0.026053878	0.106408709
<i>ENSG00000261474</i>	-1.709574	0.768226	-2.225354	0.026057501	0.106408709
<i>ZNF556</i>	-3.53674	1.589304	-2.22534	0.026058432	0.106408709
<i>MROH6</i>	-2.442546	1.097859	-2.224828	0.026092804	0.106515265
<i>PELI3</i>	-1.834054	0.824526	-2.224374	0.026123321	0.106606018
<i>TAPT1.AS1</i>	-4.453344	2.002529	-2.22386	0.026157891	0.106670375
<i>CCDC34</i>	-1.333811	0.599789	-2.2238	0.026161921	0.106670375
<i>EXD2</i>	-2.115701	0.95145	-2.22366	0.026171352	0.106670375
<i>ENSG00000235475</i>	-4.248709	1.910695	-2.223646	0.026172253	0.106670375
<i>FAM3C</i>	1.069481	0.48107	2.22313	0.026207041	0.106778338
<i>SNX19</i>	-1.550756	0.697729	-2.222576	0.026244381	0.106889579
<i>VPS13B</i>	-1.512761	0.680674	-2.222446	0.026253162	0.106889579
<i>CEBPZOS</i>	-0.793911	0.357238	-2.222356	0.026259265	0.106889579
<i>RAB3A</i>	-2.129114	0.958383	-2.221569	0.026312443	0.107072169
<i>PINK1.AS</i>	-3.968137	1.786526	-2.221147	0.026340986	0.107154433
<i>ACP1</i>	1.02923	0.463617	2.22	0.026418738	0.107436757
<i>SEPT7.AS1</i>	-2.431608	1.095438	-2.219758	0.026435198	0.107469731
<i>SLC17A9</i>	-1.516842	0.683438	-2.219429	0.026457542	0.107526593
<i>HOXB3</i>	-2.112492	0.95198	-2.219051	0.026483229	0.10758296
<i>TMEM154</i>	1.488494	0.670828	2.218891	0.026494168	0.10758296
<i>USP49</i>	-2.012143	0.906838	-2.218856	0.026496495	0.10758296
<i>ENSG00000278932</i>	-3.211245	1.44761	-2.218308	0.026533824	0.107693653
<i>ENSG00000131845</i>	-2.03381	0.91687	-2.21821	0.026540497	0.107693653
<i>ANGEL1</i>	-2.092717	0.94349	-2.218059	0.026550808	0.107701526
<i>RGS3</i>	-1.656687	0.747108	-2.217466	0.026591276	0.107831688
<i>COLEC12</i>	-2.135529	0.963204	-2.21711	0.026615602	0.107896332
<i>LINC00926</i>	0.536461	0.24204	2.216413	0.026663206	0.108055265
<i>C5orf30</i>	-1.680607	0.758328	-2.216201	0.026677715	0.108080026
<i>ZAP70</i>	-3.456979	1.560325	-2.215551	0.026722269	0.108226453
<i>ENSG00000261770</i>	-2.227093	1.005314	-2.215321	0.02673801	0.108256127
<i>AK2</i>	-0.906774	0.409362	-2.215093	0.026753698	0.108285572
<i>KLF11</i>	-2.35143	1.061716	-2.214744	0.026777614	0.108316092
<i>RANGRF</i>	1.540976	0.695783	2.214738	0.026778075	0.108316092
<i>RASAL1</i>	-1.948043	0.879641	-2.214589	0.026788279	0.108323313
<i>IGLV2.23</i>	-4.182205	1.888593	-2.214455	0.026797486	0.108326503
<i>LYZ</i>	-3.513876	1.587902	-2.212905	0.026904222	0.108696598
<i>FGF7</i>	-2.199497	0.993983	-2.212812	0.026910636	0.108696598
<i>ENSG00000258056</i>	-1.828556	0.82637	-2.212757	0.026914383	0.108696598
<i>ENSG00000227782</i>	-2.859634	1.292427	-2.212608	0.026924693	0.10870412
<i>NRIP2</i>	-2.12046	0.958427	-2.212437	0.026936468	0.108709169
<i>PAFAH1B2</i>	-0.698263	0.315621	-2.212345	0.026942841	0.108709169
<i>SERTAD3</i>	-1.066792	0.482249	-2.212119	0.026958473	0.108727228
<i>ENSG00000204814</i>	-4.348872	1.966005	-2.212035	0.026964217	0.108727228
<i>ZCCHC7</i>	1.067854	0.482897	2.211352	0.027011447	0.108778905
<i>NAGPA</i>	-1.030511	0.466032	-2.211243	0.027018984	0.108778905
<i>ENSG00000272058</i>	-1.765055	0.798225	-2.211226	0.027020178	0.108778905
<i>ARMC9</i>	-1.739286	0.786572	-2.211225	0.027020282	0.108778905

<i>TPK1</i>	-1.541782	0.697282	-2.21113	0.027026808	0.108778905
<i>LINC00339</i>	-1.620374	0.732831	-2.211117	0.027027758	0.108778905
<i>PINK1</i>	-1.681167	0.760493	-2.210629	0.027061511	0.108880694
<i>ENSG00000176320</i>	-2.01653	0.912298	-2.210384	0.027078512	0.108915039
<i>AK8</i>	-4.550481	2.058853	-2.210202	0.02709117	0.108915537
<i>ZBTB34</i>	-2.550508	1.154004	-2.210138	0.027095565	0.108915537
<i>ENSG00000277959</i>	-2.334425	1.056345	-2.209908	0.027111541	0.10892568
<i>CNNM3</i>	-1.82805	0.827242	-2.209813	0.027118173	0.10892568
<i>GFI1</i>	-1.900146	0.859897	-2.209736	0.027123485	0.10892568
<i>MFSD1</i>	-1.320571	0.59768	-2.209495	0.027140202	0.108958809
<i>TRMO</i>	-1.559534	0.705988	-2.209011	0.027173888	0.109060019
<i>TIPARP.AS1</i>	-2.444347	1.106996	-2.20809	0.027238029	0.109283353
<i>ENSG00000240219</i>	-4.305805	1.950241	-2.207832	0.027255979	0.109321285
<i>ITGA10</i>	-2.241092	1.015187	-2.207565	0.02727462	0.1093386
<i>ENSG00000255139</i>	-4.258523	1.929093	-2.207527	0.027277291	0.1093386
<i>IQCG</i>	-1.44394	0.654426	-2.206421	0.027354509	0.109613974
<i>ENAH</i>	-4.296185	1.947461	-2.206044	0.027380919	0.109685643
<i>CCND2</i>	-1.897677	0.860309	-2.20581	0.027397332	0.10968853
<i>C9orf66</i>	-2.368924	1.073974	-2.205755	0.027401164	0.10968853
<i>ENSG00000278882</i>	-2.437434	1.105161	-2.205502	0.027418899	0.10968853
<i>ABCA2</i>	-1.840508	0.834515	-2.205483	0.027420187	0.10968853
<i>PARK7</i>	0.60248	0.273181	2.205425	0.027424264	0.10968853
<i>VPS54</i>	-1.632184	0.740285	-2.204805	0.027467813	0.109795328
<i>ENSG00000268218</i>	-1.643119	0.745246	-2.204801	0.027468031	0.109795328
<i>NOMO2</i>	-4.454402	2.0206	-2.204495	0.027489544	0.109847195
<i>ENSG00000273151</i>	-4.316768	1.95828	-2.204367	0.027498528	0.109848979
<i>F8</i>	-4.155911	1.885714	-2.203893	0.027531887	0.109948105
<i>INAVA</i>	-4.271941	1.939571	-2.202518	0.027628707	0.110293249
<i>SHPK</i>	-1.800416	0.817471	-2.202423	0.027635458	0.110293249
<i>ZMYM1</i>	-1.905913	0.865551	-2.201966	0.027667745	0.11038787
<i>HIVEP3</i>	-1.826717	0.829768	-2.201479	0.027702121	0.110490761
<i>ENSG00000233912</i>	-4.199874	1.908067	-2.201114	0.027727941	0.110559471
<i>ARHGAP18</i>	-1.646741	0.748216	-2.200891	0.027743739	0.110588194
<i>NOD2</i>	-2.758498	1.253468	-2.200694	0.027757722	0.110609666
<i>ENSG00000261644</i>	-3.128077	1.421564	-2.200447	0.027775217	0.110634391
<i>ETFBKMT</i>	-1.697711	0.771633	-2.200152	0.02779611	0.110634391
<i>F2R</i>	-2.107566	0.957927	-2.200131	0.027797573	0.110634391
<i>ECHS1</i>	1.319472	0.599792	2.199883	0.027815223	0.110634391
<i>TSGA13</i>	-4.026031	1.830231	-2.199739	0.027825385	0.110634391
<i>ZNF208</i>	-3.627573	1.649119	-2.199704	0.0278279	0.110634391
<i>KHDC4</i>	-0.7975	0.362549	-2.199702	0.027828061	0.110634391
<i>MED14</i>	-1.367966	0.621905	-2.199636	0.027832713	0.110634391
<i>NIPAL4</i>	-2.057019	0.935398	-2.199085	0.027871897	0.110733394
<i>NR1D1</i>	-1.872346	0.851436	-2.199043	0.027874832	0.110733394
<i>BBS10</i>	-2.054235	0.934467	-2.198295	0.027928096	0.110877236
<i>APOBEC3B</i>	-2.637592	1.199858	-2.198254	0.027931038	0.110877236
<i>SELENON</i>	-1.814173	0.82531	-2.198171	0.027936893	0.110877236

<i>DNAJC5</i>	-1.685698	0.766941	-2.19795	0.027952644	0.110905543
<i>NCKAP5L</i>	-1.788559	0.8143	-2.196439	0.028060528	0.111281242
<i>SIN3B</i>	-1.449934	0.660177	-2.196281	0.028071846	0.111281242
<i>ENSG00000263089</i>	-1.651616	0.752042	-2.196174	0.028079485	0.111281242
<i>ZNF623</i>	-1.526328	0.695005	-2.19614	0.02808193	0.111281242
<i>POLA1</i>	-1.893721	0.862541	-2.195513	0.028126827	0.111424839
<i>ZDBF2</i>	-1.94023	0.883818	-2.195283	0.028143315	0.111455845
<i>THEM6</i>	-1.640658	0.747453	-2.194999	0.028163659	0.111479846
<i>AKAP12</i>	-4.188918	1.908428	-2.194957	0.028166704	0.111479846
<i>MLEC</i>	1.586208	0.722791	2.19456	0.028195158	0.111558149
<i>ENSG00000228439</i>	-1.858938	0.847262	-2.194052	0.028231651	0.111648794
<i>NT5DC2</i>	-2.428167	1.106731	-2.194	0.028235422	0.111648794
<i>IKZF1</i>	1.380166	0.629179	2.193601	0.028264142	0.111704042
<i>P4HA3</i>	-3.696845	1.685314	-2.193564	0.028266757	0.111704042
<i>C12orf60</i>	-1.881445	0.85814	-2.19247	0.028345613	0.11195866
<i>ZFP30</i>	-1.60855	0.733684	-2.192428	0.028348591	0.11195866
<i>RFLNB</i>	-4.13859	1.888119	-2.191912	0.028385857	0.11207144
<i>KCTD2</i>	-1.829295	0.835095	-2.190523	0.028486333	0.112433634
<i>C9orf64</i>	-1.669963	0.76249	-2.190144	0.028513778	0.112474931
<i>ENSG00000272563</i>	-4.332924	1.97838	-2.190137	0.028514279	0.112474931
<i>TRAF3IP2.AS1</i>	-1.715951	0.783618	-2.18978	0.028540209	0.112515385
<i>TMEM128</i>	-1.202205	0.549014	-2.189755	0.028542023	0.112515385
<i>ENSG00000258646</i>	-3.263665	1.490957	-2.188972	0.028598842	0.112685447
<i>FUT10</i>	-1.909285	0.87225	-2.18892	0.028602679	0.112685447
<i>ARHGEF37</i>	-2.215587	1.012276	-2.188719	0.02861727	0.112708423
<i>PIGO</i>	-1.739797	0.795203	-2.187865	0.028679467	0.112918818
<i>C2orf76</i>	-1.464405	0.669494	-2.187333	0.028718243	0.113036902
<i>SPIN4</i>	-2.298168	1.050738	-2.187193	0.02872845	0.113042497
<i>RHPN1</i>	-1.920992	0.878594	-2.18644	0.028783462	0.113224338
<i>ZNF543</i>	-1.574771	0.72034	-2.186149	0.028804718	0.113241087
<i>CCDC7</i>	-1.931846	0.883679	-2.186141	0.028805322	0.113241087
<i>ENSG00000275636</i>	-4.232316	1.93678	-2.185233	0.028871739	0.113371526
<i>SLC44A5</i>	-3.810596	1.743813	-2.185209	0.028873538	0.113371526
<i>KLHL21</i>	-1.533088	0.70161	-2.185098	0.028881632	0.113371526
<i>PDE8A</i>	-1.516713	0.694119	-2.185091	0.028882167	0.113371526
<i>IDUA</i>	-4.276794	1.957501	-2.184823	0.028901829	0.113371526
<i>PAIP2B</i>	-1.496315	0.684886	-2.184765	0.028906093	0.113371526
<i>CPEB4</i>	-1.218918	0.557919	-2.18476	0.028906414	0.113371526
<i>IGHG4</i>	-4.428227	2.026903	-2.184725	0.02890899	0.113371526
<i>PPP1R12A</i>	-0.749545	0.343259	-2.183612	0.028990761	0.113621533
<i>ENSG00000242349</i>	-2.188449	1.002243	-2.18355	0.028995308	0.113621533
<i>CELSR1</i>	-2.038413	0.933554	-2.183497	0.028999232	0.113621533
<i>MYLPF</i>	-1.700966	0.779469	-2.182213	0.029093848	0.113928832
<i>DUSP4</i>	-2.46669	1.130373	-2.182192	0.029095371	0.113928832
<i>RARA</i>	-0.787294	0.360867	-2.181672	0.029133773	0.114010185
<i>SEMA6A.AS1</i>	-3.104276	1.422889	-2.18167	0.029133869	0.114010185
<i>MINPP1</i>	-1.526343	0.699693	-2.181447	0.029150402	0.114040201

<i>LRRC56</i>	-1.981991	0.909018	-2.180364	0.02923048	0.11431872
<i>ZNF518B</i>	-1.553766	0.712948	-2.179353	0.029305475	0.114571769
<i>AP3S2</i>	-1.652546	0.758309	-2.179251	0.029312992	0.114571769
<i>NUP107</i>	-0.910857	0.418003	-2.179069	0.029326566	0.114590015
<i>UCKL1.AS1</i>	-1.845618	0.847109	-2.178725	0.029352073	0.114654865
<i>MRFAP1L1</i>	-1.064344	0.488783	-2.177541	0.029440248	0.114935099
<i>NOTCH1</i>	-1.52755	0.701509	-2.177522	0.029441679	0.114935099
<i>LBX2.AS1</i>	-3.935016	1.807247	-2.177354	0.02945418	0.114949025
<i>CCDC168</i>	-4.39124	2.017035	-2.177077	0.02947482	0.11497986
<i>PLTP</i>	-2.025183	0.93026	-2.177008	0.029479953	0.11497986
<i>NSMF</i>	-2.002232	0.919817	-2.176772	0.029497601	0.115013827
<i>TAF1A.AS1</i>	-2.222845	1.021332	-2.176418	0.029524008	0.115081917
<i>MAP3K9</i>	-1.859707	0.854757	-2.175714	0.029576616	0.115252067
<i>MTERF2</i>	-1.829185	0.84083	-2.175451	0.029596357	0.115261319
<i>LINC02397</i>	0.764358	0.351373	2.175349	0.029604007	0.115261319
<i>MMP25.AS1</i>	-1.659697	0.762966	-2.175324	0.029605865	0.115261319
<i>ZNF319</i>	-2.455281	1.128969	-2.174799	0.029645217	0.115379613
<i>LINC02384</i>	-3.436916	1.580487	-2.174592	0.02966067	0.115404849
<i>WIZ</i>	-1.58032	0.726799	-2.174355	0.029678465	0.115439182
<i>ENSG00000277324</i>	-1.868685	0.859585	-2.173939	0.02970968	0.115525673
<i>ENSG00000223473</i>	-1.82022	0.837438	-2.173557	0.029738426	0.115602516
<i>SNHG31</i>	-4.341713	1.998009	-2.173019	0.029778858	0.115706913
<i>EIF4G2</i>	0.796586	0.366605	2.172869	0.029790154	0.115706913
<i>ZBED6CL</i>	-2.067621	0.951575	-2.172841	0.029792259	0.115706913
<i>EPM2A</i>	-2.27618	1.048039	-2.171846	0.029867278	0.115963268
<i>KATNAL2</i>	-4.024778	1.853308	-2.171672	0.029880425	0.115979315
<i>FAM157C</i>	-1.977263	0.911087	-2.170223	0.029989952	0.116369333
<i>ENSG00000233184</i>	-1.246637	0.574498	-2.16996	0.03000987	0.116411517
<i>SNURF</i>	-2.208329	1.017862	-2.169576	0.030038975	0.116454591
<i>TNFAIP1</i>	-1.475241	0.679968	-2.169575	0.030039076	0.116454591
<i>NDOR1</i>	-1.933535	0.891334	-2.16926	0.030062951	0.116484182
<i>C11orf95</i>	-1.878609	0.866069	-2.169122	0.030073436	0.116484182
<i>FKTN</i>	-1.886569	0.869741	-2.169116	0.030073867	0.116484182
<i>ZNF845</i>	-1.945695	0.897288	-2.168417	0.030126981	0.116654789
<i>POLQ</i>	-4.143826	1.91185	-2.167442	0.030201146	0.11689188
<i>ENSG00000248734</i>	-4.102174	1.892694	-2.167374	0.030206381	0.11689188
<i>MATK</i>	-2.422888	1.118112	-2.166946	0.030238998	0.116923833
<i>IDE</i>	-1.517785	0.700473	-2.1668	0.030250139	0.116923833
<i>DLGAP1.AS2</i>	-1.98556	0.916387	-2.166727	0.030255705	0.116923833
<i>CYP46A1</i>	-4.385872	2.024217	-2.166701	0.030257663	0.116923833
<i>ENSG00000227495</i>	-3.164644	1.460603	-2.166669	0.030260073	0.116923833
<i>ENSG00000275441</i>	-2.028395	0.936251	-2.166508	0.030272397	0.116926778
<i>ENSG00000235609</i>	-1.875473	0.865718	-2.166379	0.030282239	0.116926778
<i>KNL1</i>	-1.775507	0.819602	-2.166302	0.030288098	0.116926778
<i>ADGRB2</i>	-1.979739	0.914015	-2.165981	0.03031264	0.116986423
<i>HDAC7</i>	1.477728	0.682335	2.165694	0.030334547	0.117035866
<i>SWT1</i>	-1.681859	0.776766	-2.165206	0.030371886	0.117144802

<i>ENSG00000272148</i>	-4.406848	2.03545	-2.165048	0.030383998	0.117156398
<i>CLEC11A</i>	-1.715439	0.792462	-2.164696	0.030410993	0.11722536
<i>ZNF708</i>	-1.24732	0.576304	-2.164344	0.030437987	0.117294274
<i>FBXL18</i>	-1.855897	0.857704	-2.163797	0.03047992	0.117394592
<i>HIST1H2BC</i>	-1.737686	0.803084	-2.163767	0.030482267	0.117394592
<i>TOP2A</i>	-3.284977	1.518288	-2.163606	0.030494581	0.117406875
<i>ENSG00000253645</i>	-1.755676	0.811689	-2.162993	0.030541739	0.117544707
<i>VSIG10L</i>	-2.100382	0.9711	-2.16289	0.030549675	0.117544707
<i>PLPP1</i>	-1.880709	0.869578	-2.162784	0.030557787	0.117544707
<i>QRICH2</i>	-4.421802	2.044837	-2.162422	0.030585645	0.117616704
<i>ENO3</i>	-1.940007	0.897423	-2.161753	0.030637191	0.117779723
<i>RWDD3</i>	-1.931937	0.894063	-2.160852	0.030706803	0.118012077
<i>DXO</i>	-1.258828	0.582687	-2.160385	0.030742879	0.118115445
<i>SLC9A3R2</i>	-3.740323	1.73189	-2.159678	0.030797627	0.118290467
<i>DDX11</i>	-1.633081	0.756256	-2.159429	0.030816871	0.118329059
<i>KBTBD2</i>	-1.47427	0.682793	-2.159174	0.030836633	0.118369619
<i>STK17B</i>	-0.591631	0.274049	-2.158849	0.030861896	0.118431262
<i>ENSG00000246790</i>	-1.637034	0.758346	-2.158689	0.030874266	0.118443407
<i>SH2B2</i>	-3.977486	1.84351	-2.157562	0.030961939	0.118744344
<i>MORN1</i>	-1.841174	0.853409	-2.157434	0.030971864	0.118747011
<i>ZNF557</i>	-1.24194	0.575934	-2.156393	0.031052956	0.119022457
<i>IRS1</i>	-1.694484	0.785892	-2.156128	0.031073654	0.11906632
<i>ABCC4</i>	-4.231682	1.962894	-2.155837	0.031096357	0.119117839
<i>LACTB2.AS1</i>	-2.128899	0.987573	-2.155688	0.031108029	0.119127087
<i>NCEH1</i>	-3.035638	1.408622	-2.155041	0.031158634	0.119283698
<i>PDCD6</i>	-0.575435	0.267032	-2.154928	0.031167467	0.119283698
<i>FBXO30</i>	-1.931521	0.896689	-2.15406	0.031235464	0.11950839
<i>FCHO2</i>	-1.80091	0.836129	-2.153866	0.031250709	0.119520392
<i>SPIB</i>	0.84196	0.390922	2.153783	0.031257179	0.119520392
<i>IP6K1</i>	-1.1304	0.525035	-2.153	0.031318642	0.119685315
<i>NLRX1</i>	-1.789172	0.831014	-2.152997	0.031318913	0.119685315
<i>HCK</i>	-1.653967	0.768316	-2.152717	0.031340964	0.119734022
<i>ENSG00000272462</i>	-2.966315	1.378681	-2.15156	0.031431995	0.120046152
<i>NELFCD</i>	-0.779058	0.362112	-2.15143	0.031442309	0.120049909
<i>USP30</i>	-1.889252	0.878388	-2.150818	0.031490566	0.120180072
<i>ENSG00000261136</i>	-1.644078	0.764441	-2.150693	0.031500439	0.120180072
<i>IL6ST</i>	-1.660734	0.772204	-2.150643	0.031504421	0.120180072
<i>UCHL5</i>	-1.159812	0.539375	-2.15029	0.03153227	0.120247349
<i>ENSG00000249684</i>	-3.00391	1.397071	-2.150148	0.031543482	0.120247349
<i>ENSG00000258727</i>	-2.299992	1.069732	-2.150065	0.031550093	0.120247349
<i>MAMSTR</i>	-1.802607	0.838711	-2.149259	0.031613893	0.120454831
<i>CLIC3</i>	1.727645	0.804084	2.148587	0.031667128	0.12060536
<i>A4GALT</i>	-1.342852	0.625012	-2.148524	0.031672147	0.12060536
<i>KLRF1</i>	-4.148453	1.931036	-2.148304	0.031689628	0.120636226
<i>ENSG00000273240</i>	-4.234514	1.971338	-2.148041	0.031710534	0.120680108
<i>STRADA</i>	-2.238594	1.042347	-2.147649	0.031741669	0.120762877
<i>RINT1</i>	-1.52724	0.711538	-2.146393	0.031841672	0.121080239

<i>FASN</i>	-1.93666	0.902298	-2.146365	0.031843905	0.121080239
<i>DET1</i>	-1.78642	0.832351	-2.146233	0.031854389	0.121080461
<i>ZNF461</i>	-1.766818	0.823268	-2.146103	0.031864727	0.121080461
<i>MGAT5B</i>	-1.786111	0.832324	-2.145932	0.031878399	0.121080461
<i>NUSAP1</i>	-1.793404	0.835738	-2.145892	0.031881604	0.121080461
<i>OPN3</i>	-1.153191	0.537467	-2.145605	0.031904537	0.121116824
<i>SERPINF2</i>	-2.45958	1.146371	-2.145536	0.031910005	0.121116824
<i>ENSG00000273008</i>	-2.478225	1.155428	-2.144854	0.031964485	0.121238853
<i>LCMT2</i>	-1.849751	0.862441	-2.144786	0.031969966	0.121238853
<i>APH1B</i>	-1.445737	0.674072	-2.14478	0.031970423	0.121238853
<i>LAMC1</i>	-1.642184	0.765807	-2.144385	0.032002029	0.121322956
<i>CHCHD6</i>	-1.566935	0.730779	-2.144199	0.032016967	0.121343835
<i>DIP2C</i>	-2.769497	1.292036	-2.143513	0.0320719	0.121516237
<i>ENSG00000273723</i>	-1.663805	0.776282	-2.143298	0.032089148	0.121545795
<i>ENSG00000246889</i>	-1.894564	0.88414	-2.142832	0.032126615	0.121561584
<i>ENSG00000254741</i>	-3.924393	1.831428	-2.142805	0.03212874	0.121561584
<i>LINC01534</i>	-1.558881	0.727496	-2.142803	0.032128894	0.121561584
<i>PLD3</i>	-1.118366	0.521924	-2.142776	0.032131106	0.121561584
<i>KIAA1958</i>	-1.806633	0.843449	-2.141959	0.032196797	0.121766436
<i>MTMR3</i>	-1.500427	0.700554	-2.141771	0.032211946	0.121766436
<i>URGCP</i>	-1.656475	0.773421	-2.14175	0.032213643	0.121766436
<i>ENSG00000247765</i>	-3.248253	1.516827	-2.141479	0.032235466	0.121813138
<i>SYT11</i>	-1.723058	0.804888	-2.140744	0.032294706	0.122001168
<i>ZNF280C</i>	-2.911761	1.360783	-2.139769	0.032373404	0.122262575
<i>NOXA1</i>	-2.209803	1.032823	-2.139577	0.032389004	0.122285598
<i>NDFIP2</i>	-4.331754	2.024862	-2.139283	0.032412729	0.122330609
<i>EPOR</i>	-1.621052	0.757837	-2.139051	0.03243153	0.122330609
<i>NUDT13</i>	-2.602743	1.216823	-2.138966	0.032438439	0.122330609
<i>IBA57</i>	-1.663985	0.777942	-2.138958	0.03243904	0.122330609
<i>TMEM117</i>	-1.770305	0.827693	-2.138842	0.032448463	0.122330609
<i>DNAJC13</i>	-1.390334	0.650205	-2.138301	0.032492355	0.122371969
<i>ENSG00000273783</i>	-3.957124	1.850645	-2.138241	0.032497176	0.122371969
<i>ZCCHC4</i>	-1.70999	0.799745	-2.138168	0.032503135	0.122371969
<i>CCL4L2</i>	-2.578931	1.206147	-2.138156	0.032504095	0.122371969
<i>CENPV</i>	-1.760142	0.823219	-2.13812	0.032506986	0.122371969
<i>IQCK</i>	-1.852257	0.866632	-2.137305	0.03257318	0.12258529
<i>ENSG00000262165</i>	-3.154432	1.475988	-2.137166	0.032584471	0.122591928
<i>ZNF688</i>	1.528191	0.715125	2.136957	0.032601488	0.122620096
<i>ZNF682</i>	-1.553915	0.727252	-2.136695	0.032622831	0.122664514
<i>BLNK</i>	-0.497953	0.233138	-2.135877	0.032689433	0.122861221
<i>HEATR6</i>	-1.362913	0.638154	-2.135711	0.032703015	0.122861221
<i>AMN</i>	-2.292307	1.073355	-2.135646	0.03270825	0.122861221
<i>EDEM3</i>	-1.471139	0.688885	-2.135536	0.032717244	0.122861221
<i>BSPRY</i>	-4.14359	1.940367	-2.135467	0.032722888	0.122861221
<i>ZKSCAN7</i>	-2.531938	1.186148	-2.134588	0.032794717	0.123072658
<i>USP42</i>	-1.485096	0.695744	-2.134543	0.032798332	0.123072658
<i>IQCD</i>	-1.769518	0.82926	-2.133853	0.03285483	0.123238727

SOX12	-1.553708	0.728152	-2.133768	0.032861745	0.123238727
BRCA1	-1.680713	0.787744	-2.133577	0.032877384	0.123261452
PRR12	-1.441304	0.675784	-2.132787	0.032942238	0.123436773
TSG101	1.452527	0.681051	2.132773	0.032943334	0.123436773
PNPLA7	-1.766546	0.828364	-2.132573	0.032959763	0.123462378
ZNF213	-1.774035	0.832059	-2.132102	0.032998471	0.123557859
GNAZ	-2.121422	0.995046	-2.131985	0.033008109	0.123557859
ENSG00000267058	-1.504011	0.705475	-2.131912	0.033014061	0.123557859
IRGQ	-1.568875	0.736122	-2.131269	0.033066952	0.123719823
FLT1	-4.154092	1.949236	-2.131139	0.033077714	0.123724111
ZFAND2B	-0.949678	0.445659	-2.130952	0.033093083	0.123739726
CCNF	-1.850787	0.868566	-2.130855	0.033101122	0.123739726
SLC38A6	-2.202477	1.033805	-2.130457	0.033133874	0.123826185
ZFAND4	-1.865388	0.875973	-2.129503	0.033212686	0.12405484
RBM11	-3.96476	1.861849	-2.129475	0.033215012	0.12405484
PRX	-4.080301	1.916204	-2.129366	0.033223982	0.12405484
ZNF555	-1.747409	0.820751	-2.129037	0.033251205	0.124120468
SSBP3	-1.694289	0.795854	-2.128895	0.033262915	0.124128169
NPIPA1	-1.697616	0.797508	-2.128651	0.033283185	0.124167798
PTPRS	-2.210845	1.038989	-2.127881	0.033346941	0.124369593
CFAP44	-1.667648	0.783898	-2.127378	0.033388703	0.124489263
IGHV3.7	-3.43029	1.612553	-2.127242	0.033400021	0.124495384
ZNF236	-1.404357	0.660288	-2.126885	0.033429635	0.124569682
SLC37A2	-2.043116	0.960799	-2.126477	0.033463548	0.124592372
TAF6L	-1.552948	0.730316	-2.126405	0.033469534	0.124592372
PPP1R12A.AS1	-4.059071	1.908894	-2.1264	0.033469986	0.124592372
SMIM11B	-4.224969	1.986962	-2.126346	0.033474456	0.124592372
VSIG10	-1.621077	0.76245	-2.126142	0.033491421	0.124619467
KDM7A.DT	-1.752625	0.82441	-2.125915	0.033510374	0.124653942
EGR3	-4.016108	1.889732	-2.125227	0.033567704	0.124831113
CD53	-0.549657	0.258685	-2.124811	0.033602389	0.124923994
TTC39B	-1.811479	0.85304	-2.123559	0.033707068	0.125276963
NHLRC4	-2.354158	1.10882	-2.123121	0.033743714	0.125349785
BCL7C	1.42615	0.671732	2.123092	0.033746145	0.125349785
DOP1A	-1.669052	0.786253	-2.122793	0.033771164	0.125400724
NP1PB2	-3.177372	1.496857	-2.122696	0.033779351	0.125400724
ZNF526	-1.233591	0.58118	-2.122563	0.033790464	0.125405798
MTMR10	-1.713066	0.807177	-2.122293	0.033813108	0.125453652
PIK3CD.AS1	-1.807503	0.851897	-2.121739	0.033859686	0.125590249
PCBP2	0.430627	0.203032	2.120984	0.03392314	0.125780228
ERCC6L2	-1.387489	0.65422	-2.12083	0.033936109	0.125780228
ENSG00000276476	-2.109643	0.994774	-2.120727	0.033944798	0.125780228
LINC01137	-2.219362	1.046541	-2.120665	0.033950006	0.125780228
ENSG00000270761	-3.030925	1.42952	-2.12024	0.033985839	0.12587674
NIP7	-1.09694	0.517438	-2.119946	0.034010591	0.125931331
PPM1F	-1.440905	0.679726	-2.119833	0.034020153	0.125931331
RIOX1	-1.750814	0.826291	-2.118883	0.034100352	0.126159481



<i>FAM102A</i>	-1.228629	0.579863	-2.118825	0.034105236	0.126159481
<i>ENSG00000276900</i>	-1.235647	0.583209	-2.118702	0.034115686	0.126159481
<i>ENSG00000214248</i>	-3.01086	1.421129	-2.118639	0.034121007	0.126159481
<i>ZNF415</i>	-2.660785	1.256706	-2.117269	0.03423701	0.126552027
<i>ZNF749</i>	-2.626811	1.240878	-2.116897	0.034268585	0.126632362
<i>PSMG3.AS1</i>	-1.651505	0.780316	-2.116457	0.034305956	0.126715918
<i>ZNF85</i>	-1.33064	0.628728	-2.116399	0.034310893	0.126715918
<i>AVPI1</i>	-1.988171	0.93953	-2.116134	0.034333439	0.126737987
<i>HOMEZ</i>	-1.483553	0.701108	-2.116011	0.034343895	0.126737987
<i>PRCC</i>	-0.990821	0.468302	-2.115776	0.034363864	0.126737987
<i>FAM129A</i>	-2.312949	1.093197	-2.115766	0.034364756	0.126737987
<i>GNAQ</i>	-2.435795	1.151268	-2.11575	0.034366118	0.126737987
<i>MOV10</i>	-1.440506	0.681012	-2.115242	0.034409343	0.126828591
<i>MAATS1</i>	-4.148103	1.961065	-2.115229	0.0344104	0.126828591
<i>MAP11</i>	-1.514982	0.716478	-2.114484	0.034473991	0.127026588
<i>SFXN2</i>	-1.748227	0.827016	-2.113898	0.034523993	0.127174412
<i>ENSG00000224046</i>	-2.788877	1.319951	-2.112864	0.034612369	0.127463468
<i>ARRDC3.AS1</i>	-2.008572	0.950856	-2.112382	0.034653663	0.127579023
<i>FAM149B1</i>	-1.723781	0.816255	-2.111817	0.034702114	0.127707198
<i>LRRC3</i>	-4.561981	2.16033	-2.111706	0.034711689	0.127707198
<i>RPL12</i>	0.29119	0.137898	2.111629	0.034718254	0.127707198
<i>PLXNC1</i>	-1.974225	0.935026	-2.111413	0.034736838	0.127739038
<i>NMRAL1</i>	-1.234541	0.584815	-2.110993	0.034772954	0.127827042
<i>ENSG00000232611</i>	-1.567348	0.742501	-2.110903	0.034780638	0.127827042
<i>YJEFN3</i>	-2.040854	0.966988	-2.110527	0.034813016	0.127909502
<i>GAB1</i>	-1.743685	0.826248	-2.110367	0.034826782	0.127923554
<i>LINC00342</i>	-1.597708	0.757229	-2.10994	0.034863485	0.128021821
<i>ENSG00000231551</i>	-1.607372	0.762053	-2.109265	0.034921735	0.128164622
<i>PDE9A</i>	-2.528926	1.198997	-2.109202	0.034927129	0.128164622
<i>ABITRAM</i>	-1.89392	0.897957	-2.109143	0.034932255	0.128164622
<i>PIEZO1</i>	-1.626236	0.771153	-2.108837	0.034958613	0.128224763
<i>AOPEP</i>	-2.021011	0.958432	-2.108664	0.034973617	0.128225374
<i>ARNTL2</i>	-2.13391	1.012001	-2.108605	0.03497871	0.128225374
<i>ENSG00000262202</i>	-1.902697	0.902443	-2.108385	0.034997673	0.128248899
<i>ENSG00000260517</i>	-1.724742	0.818072	-2.1083	0.035005062	0.128248899
<i>DBR1</i>	-1.629402	0.773022	-2.107834	0.035045311	0.128359813
<i>PTCD1</i>	-1.543501	0.732337	-2.107638	0.03506235	0.128385674
<i>ENSG00000251615</i>	-3.132645	1.486467	-2.107443	0.035079161	0.128405088
<i>ZBP1</i>	-1.73934	0.82537	-2.107346	0.035087611	0.128405088
<i>MTBP</i>	-1.899246	0.901562	-2.106618	0.035150689	0.128599351
<i>KDM1B</i>	-1.725491	0.819134	-2.106483	0.035162392	0.128605599
<i>SMARCC2</i>	-0.867227	0.411897	-2.105449	0.035252281	0.128897728
<i>ATP6V1E1</i>	1.397321	0.66378	2.105096	0.035282978	0.128973317
<i>ATG5</i>	-0.967715	0.459738	-2.104927	0.035297644	0.128990282
<i>SLC16A7</i>	-1.12092	0.532608	-2.104588	0.035327212	0.129061682
<i>NDUFB3</i>	0.930301	0.442171	2.103937	0.035383935	0.129232213
<i>APOM</i>	-1.74843	0.83118	-2.103553	0.035417498	0.129318089

VPS36	1.428197	0.679032	2.103284	0.03544093	0.129366936
ZNF117	-1.679653	0.79871	-2.102956	0.035469581	0.129434799
ENSG00000261351	-1.675508	0.796967	-2.102356	0.035522121	0.12955407
ZNF37A	-0.934602	0.444551	-2.102353	0.035522403	0.12955407
RNF43	-1.443493	0.686666	-2.102175	0.035537972	0.129574123
LINC01772	-1.733743	0.824887	-2.101795	0.035571247	0.129613999
PRKRA	-0.804887	0.382959	-2.101756	0.035574696	0.129613999
ENSG00000259826	-3.282296	1.56173	-2.101705	0.035579128	0.129613999
SEC24D	-1.737454	0.826831	-2.10134	0.035611113	0.129693799
EIF3J	1.114943	0.530664	2.101036	0.035637842	0.129754417
ENSG00000238009	-4.038527	1.922485	-2.100681	0.035669004	0.129831137
PGBD1	-1.931264	0.919453	-2.100449	0.035689377	0.129868556
KRBA2	-1.653731	0.787461	-2.10008	0.035721778	0.129949708
ERCC8	-1.882361	0.896533	-2.0996	0.035764025	0.130066622
ENSG00000271737	-1.72356	0.821032	-2.099261	0.035793921	0.130138564
ENSG00000259834	-1.609501	0.766805	-2.098969	0.035819603	0.130195151
AMZ1	-1.808557	0.861982	-2.098137	0.035893065	0.130425322
ARHGEF35	-4.323654	2.06083	-2.098016	0.035903705	0.130427152
LMBR1	-1.49542	0.713016	-2.097316	0.035965654	0.130615316
C7orf50	-0.594603	0.283589	-2.096708	0.036019475	0.130773866
CEP85	-1.82041	0.868422	-2.096228	0.036061937	0.1308911
DLAT	-1.218277	0.581252	-2.095954	0.036086302	0.130942597
EXOSC2	-1.288456	0.614864	-2.095514	0.036125296	0.131047133
PDE4A	-4.07356	1.94491	-2.094472	0.036217948	0.131338163
LHFPL4	-1.77046	0.845338	-2.094382	0.036225938	0.131338163
ENSG00000232010	-3.985134	1.9029	-2.094242	0.03623841	0.131346371
CYB5R4	1.384491	0.661333	2.093487	0.036305729	0.131549585
ENSG00000260257	-1.491151	0.712317	-2.09338	0.036315219	0.131549585
MASTL	-1.789921	0.855084	-2.093269	0.036325148	0.131549585
SLC30A1	-1.904101	0.909736	-2.093025	0.036346906	0.131591345
LRR69	-1.72665	0.825064	-2.092748	0.036371612	0.131643752
C17orf49	1.521224	0.72702	2.092409	0.036401919	0.131716392
CNIH3	-3.92268	1.87489	-2.092219	0.036418907	0.131740816
ENSG00000271380	-3.117346	1.49077	-2.091098	0.036519284	0.132066786
MMP28	-4.243475	2.029787	-2.090601	0.036563844	0.132190777
ALKBH8	-1.753385	0.838986	-2.089887	0.036627974	0.132385434
ZNF529.AS1	-1.498154	0.717168	-2.088988	0.036708834	0.132640427
ENSG00000273183	-3.244703	1.553682	-2.088396	0.036762144	0.132788854
GPN3	-1.043919	0.499901	-2.088253	0.036775063	0.132788854
URB1	-1.828515	0.875647	-2.088188	0.036780872	0.132788854
STK17A	0.57731	0.276524	2.087738	0.036821512	0.132898289
KIAA0753	-1.62358	0.777737	-2.087569	0.036836723	0.132915905
ENSG00000259772	-1.735253	0.831284	-2.087437	0.036848684	0.132921788
MAGED1	-1.503754	0.720684	-2.086566	0.036927384	0.133168345
TXLNG	-1.333144	0.638976	-2.086376	0.03694462	0.133193172
EVA1B	-1.592504	0.763539	-2.085688	0.037006881	0.133380263
ZNF772	-1.779394	0.853413	-2.085032	0.037066419	0.133553837

<i>DDX60</i>	-1.748971	0.838864	-2.084928	0.037075799	0.133553837
<i>SERHL2</i>	-1.752476	0.840638	-2.084698	0.037096726	0.133578789
<i>IQCE</i>	-1.560255	0.748497	-2.084518	0.037113067	0.133578789
<i>HEXA</i>	-0.678032	0.325272	-2.084509	0.03711387	0.133578789
<i>CCDC71L</i>	-1.520367	0.729428	-2.084329	0.03713026	0.133600408
<i>RANBP10</i>	-1.480733	0.710509	-2.084045	0.037156092	0.133616505
<i>ST3GAL3</i>	-1.991661	0.955682	-2.08402	0.037158369	0.133616505
<i>RBM26</i>	1.321821	0.63429	2.083937	0.037165887	0.133616505
<i>CMTM8</i>	-2.90068	1.392366	-2.083274	0.037226225	0.133793043
<i>HMGA1P4</i>	-1.597353	0.76679	-2.083169	0.037235788	0.133793043
<i>NDUFA2</i>	0.647855	0.311107	2.08242	0.037304107	0.1340011
<i>LINC01684</i>	-1.753843	0.842357	-2.082067	0.037336349	0.134079487
<i>MMP7</i>	-2.05915	0.989088	-2.081868	0.037354545	0.134107404
<i>SLC25A29</i>	-2.241887	1.077064	-2.08148	0.037389988	0.134197204
<i>FADS2</i>	-1.631382	0.783853	-2.081234	0.037412493	0.134240533
<i>EVI5</i>	-1.275888	0.61312	-2.080974	0.037436305	0.134288524
<i>BRMS1L</i>	-1.71733	0.825478	-2.080406	0.037488265	0.134437433
<i>LRP5L</i>	-1.578845	0.7592	-2.079617	0.037560688	0.134659618
<i>SOGA1</i>	-1.500125	0.721855	-2.078152	0.037695393	0.135068595
<i>ENSG00000273226</i>	-2.027268	0.975517	-2.078148	0.037695759	0.135068595
<i>HAPLN3</i>	-1.812229	0.872194	-2.077783	0.037729338	0.135127906
<i>ENSG00000269973</i>	-2.378773	1.144885	-2.07774	0.037733315	0.135127906
<i>ZNF252P.AS1</i>	-4.180838	2.012658	-2.077272	0.037776492	0.135206596
<i>XRCC3</i>	-1.669662	0.80378	-2.077263	0.03777731	0.135206596
<i>RITA1</i>	-0.997974	0.480483	-2.077024	0.037799365	0.135206596
<i>ENSG00000237481</i>	-4.206453	2.025235	-2.077019	0.037799809	0.135206596
<i>ENSG00000245317</i>	-1.987047	0.956722	-2.076932	0.037807829	0.135206596
<i>ZNF10</i>	-1.734969	0.835546	-2.076451	0.037852288	0.135294965
<i>TIAM1</i>	-3.683681	1.774039	-2.076437	0.037853569	0.135294965
<i>ZNF432</i>	-1.610691	0.775749	-2.076304	0.037865885	0.1353014
<i>CREB3</i>	-0.977688	0.471143	-2.07514	0.037973589	0.135648576
<i>IDNK</i>	-1.555503	0.749816	-2.074513	0.038031698	0.135818445
<i>PER2</i>	-1.726784	0.833133	-2.072639	0.038205905	0.136402714
<i>NFYC.AS1</i>	-1.846884	0.891223	-2.072304	0.038237134	0.136476338
<i>VAV3.AS1</i>	-1.712542	0.826515	-2.072005	0.038264969	0.136536681
<i>ZNF417</i>	-1.590828	0.767852	-2.071791	0.03828493	0.136536681
<i>NMRK1</i>	-1.622709	0.783243	-2.071781	0.038285874	0.136536681
<i>ADCY3</i>	-1.889211	0.911993	-2.071518	0.038310395	0.136549783
<i>NT5E</i>	-1.491174	0.719847	-2.071514	0.038310773	0.136549783
<i>DNAJC28</i>	-2.366276	1.142433	-2.07126	0.038334466	0.136596394
<i>ENSG00000272040</i>	-3.321862	1.60416	-2.07078	0.038379318	0.136718351
<i>THAP8</i>	-1.622955	0.783831	-2.070544	0.038401473	0.136759413
<i>ZNF470</i>	-1.681506	0.812331	-2.069977	0.038454502	0.136863872
<i>ST3GAL6</i>	-3.192942	1.542563	-2.069894	0.038462225	0.136863872
<i>CYTIP</i>	-0.387679	0.187295	-2.069889	0.038462716	0.136863872
<i>ENOSF1</i>	-1.879917	0.908412	-2.069454	0.038503496	0.136971105
<i>ZNF781</i>	-1.496925	0.723601	-2.068715	0.038572826	0.137164049

<i>SAP30L</i>	-1.462536	0.707001	-2.068649	0.038579054	0.137164049
<i>CLUAP1</i>	-1.175827	0.56862	-2.067863	0.038652907	0.137388662
<i>PSMD9</i>	-0.855696	0.413844	-2.067678	0.038670339	0.137412663
<i>GALNS</i>	-1.423138	0.68833	-2.067524	0.038684812	0.13742614
<i>SLC37A4</i>	-1.657122	0.801832	-2.066671	0.038765212	0.137673747
<i>TCP11L1</i>	-1.578923	0.764048	-2.066524	0.03877905	0.137684887
<i>HLA.G</i>	-2.116385	1.024363	-2.06605	0.038823755	0.137805588
<i>IGHV3.23</i>	-1.760601	0.852278	-2.065758	0.038851358	0.137865535
<i>TYW1B</i>	-1.711717	0.82871	-2.06552	0.038873817	0.137907195
<i>ZNF625</i>	-1.751556	0.848089	-2.065296	0.038894971	0.137926488
<i>ENSG00000124593</i>	-1.883593	0.912047	-2.065236	0.038900694	0.137926488
<i>MPEG1</i>	1.439556	0.697209	2.064742	0.038947392	0.138054019
<i>NAPSA</i>	-1.6706	0.809311	-2.064226	0.038996312	0.138189354
<i>F8A1</i>	-1.713755	0.830309	-2.063998	0.039017901	0.138227788
<i>QSOX1</i>	-1.703532	0.825561	-2.063484	0.039066676	0.138362488
<i>NAGLU</i>	-1.777651	0.861546	-2.063326	0.03908162	0.138377328
<i>PPP1R13L</i>	-1.542528	0.747929	-2.062399	0.0391698	0.138651392
<i>ESD</i>	0.841589	0.408099	2.062219	0.039186932	0.138673887
<i>DNAJC18</i>	-1.443627	0.700105	-2.062016	0.039206222	0.138681523
<i>DPH6</i>	-1.521615	0.737943	-2.061969	0.039210646	0.138681523
<i>CERNA1</i>	-1.789546	0.868808	-2.059771	0.039420445	0.139385235
<i>COX10</i>	-1.573194	0.76405	-2.05902	0.039492314	0.139597059
<i>ENSG00000260278</i>	-2.042167	0.991864	-2.058918	0.039502051	0.139597059
<i>KDM4A</i>	-1.501492	0.729675	-2.057755	0.039613692	0.139938211
<i>USP37</i>	-1.455218	0.707211	-2.057685	0.039620339	0.139938211
<i>LAMA5</i>	-1.836913	0.89308	-2.056829	0.039702721	0.140172338
<i>NIFK</i>	1.383522	0.672698	2.056678	0.039717228	0.140172338
<i>HERC3</i>	-1.552021	0.754633	-2.056656	0.039719309	0.140172338
<i>LMCD1</i>	-6.280579	3.054614	-2.056096	0.039773266	0.140243916
<i>CD109</i>	-6.280579	3.054614	-2.056096	0.039773266	0.140243916
<i>TRDC</i>	-6.280579	3.054614	-2.056096	0.039773266	0.140243916
<i>GPSM2</i>	-1.475885	0.717845	-2.055993	0.039783189	0.140243916
<i>ASH1L</i>	0.984831	0.47909	2.055629	0.039818296	0.140329227
<i>HLA.DQB2</i>	-3.91484	1.905017	-2.055016	0.039877451	0.140499224
<i>ENSG00000272894</i>	-1.71603	0.835126	-2.054817	0.039896676	0.140528479
<i>WSB1</i>	-0.607154	0.295518	-2.054541	0.039923348	0.14053825
<i>TMEM143</i>	-1.476292	0.718569	-2.054491	0.039928234	0.14053825
<i>SPACA9</i>	-1.533115	0.746241	-2.054449	0.039932217	0.14053825
<i>ZNF570</i>	-1.608754	0.783135	-2.054247	0.03995175	0.140568546
<i>CKB</i>	-1.816148	0.884255	-2.053874	0.039987887	0.140633226
<i>ENSG00000259793</i>	-3.82862	1.864135	-2.053832	0.039991993	0.140633226
<i>PHLDA1</i>	-1.965404	0.957448	-2.052752	0.040096609	0.140946952
<i>CNKS2</i>	-1.742231	0.848757	-2.052685	0.040103116	0.140946952
<i>LIG4</i>	-1.794949	0.874516	-2.052505	0.040120608	0.140969925
<i>RAD51B</i>	-1.725047	0.840677	-2.051974	0.040172142	0.141091341
<i>USP10</i>	-0.927307	0.45193	-2.051883	0.040181063	0.141091341
<i>ENSG00000227468</i>	-2.58772	1.261188	-2.051811	0.04018806	0.141091341

<i>ENSG00000255031</i>	-1.709613	0.833319	-2.051569	0.040211534	0.141116881
<i>PFKL</i>	-0.738751	0.360101	-2.05151	0.040217269	0.141116881
<i>TMEM134</i>	-0.614751	0.299721	-2.05108	0.040259191	0.141203419
<i>EFNB1</i>	-2.830491	1.380033	-2.051031	0.04026388	0.141203419
<i>GRAMD4</i>	-1.905147	0.929032	-2.05068	0.040298093	0.141284894
<i>ZNF684</i>	-2.019168	0.984902	-2.050122	0.040352572	0.141437358
<i>PHLDB2</i>	-2.363567	1.153326	-2.049348	0.040428105	0.141663252
<i>ZKSCAN5</i>	-1.723302	0.840949	-2.049236	0.04043904	0.141663252
<i>ENSG00000241490</i>	-1.3572	0.662381	-2.048972	0.040464849	0.141715083
<i>ENSG00000251364</i>	-1.551604	0.757339	-2.048756	0.040486	0.141750576
<i>ENSG00000233483</i>	-2.894944	1.413393	-2.048223	0.040538134	0.141894498
<i>SAMHD1</i>	-1.672363	0.817357	-2.046061	0.040750344	0.142598498
<i>ERF</i>	-1.418898	0.693563	-2.04581	0.040775068	0.14264622
<i>DPY19L1</i>	-1.90152	0.929663	-2.045386	0.040816855	0.142682797
<i>PQLC2</i>	-1.424026	0.696236	-2.045322	0.040823139	0.142682797
<i>CEP70</i>	-1.879829	0.919129	-2.045228	0.040832339	0.142682797
<i>N6AMT1</i>	-1.490647	0.728862	-2.045169	0.040838154	0.142682797
<i>ENSG00000271133</i>	-2.192493	1.07205	-2.045141	0.040840968	0.142682797
<i>MYLK.AS1</i>	-1.578509	0.771989	-2.04473	0.040881505	0.142785648
<i>ZNF883</i>	-2.601767	1.272534	-2.044557	0.040898598	0.142806585
<i>KCTD21.AS1</i>	-2.194261	1.073459	-2.044103	0.040943409	0.142924266
<i>LILRA4</i>	-2.255513	1.103784	-2.043438	0.041009144	0.143114906
<i>KDM6B</i>	-1.020661	0.499684	-2.042612	0.041090838	0.143361119
<i>GORAB</i>	-1.531171	0.750245	-2.040896	0.041261197	0.14391646
<i>TAFA2</i>	-2.479523	1.215482	-2.03995	0.04135526	0.144205456
<i>TBXA2R</i>	-1.970026	0.966008	-2.039348	0.041415275	0.1443756
<i>INPP5A</i>	-1.545377	0.757855	-2.039146	0.041435494	0.144406962
<i>CDC25B</i>	-1.108935	0.543855	-2.039026	0.041447405	0.144409359
<i>IL10RB.DT</i>	-1.710027	0.83872	-2.038853	0.041464667	0.144425212
<i>ENSG00000261505</i>	-1.708787	0.838152	-2.038756	0.041474404	0.144425212
<i>ZNF862</i>	-3.649967	1.790518	-2.038498	0.041500155	0.144475783
<i>COL19A1</i>	-0.899673	0.441572	-2.037434	0.041606549	0.144806997
<i>EIF5A2</i>	-1.484365	0.728638	-2.037178	0.041632195	0.144850958
<i>ENSG00000102921</i>	-1.257665	0.617385	-2.037083	0.041641695	0.144850958
<i>RTN4IP1</i>	-2.065556	1.014176	-2.036685	0.041681617	0.144950638
<i>NBDY</i>	-0.593545	0.291457	-2.036476	0.041702579	0.144956595
<i>IL15RA</i>	-1.714406	0.841889	-2.03638	0.041712185	0.144956595
<i>ENSG00000261188</i>	-1.825501	0.896518	-2.036212	0.041729054	0.144956595
<i>TNFRSF14.AS1</i>	-1.391604	0.683462	-2.036109	0.041739408	0.144956595
<i>SDR42E2</i>	-1.889491	0.928001	-2.036087	0.041741631	0.144956595
<i>TP53BP2</i>	-1.472436	0.723203	-2.035994	0.041750924	0.144956595
<i>ETS2</i>	-3.714451	1.824735	-2.035611	0.041789408	0.145051071
<i>CHST10</i>	-2.786278	1.368882	-2.03544	0.041806614	0.145071655
<i>CLPTM1L</i>	-1.399292	0.687689	-2.034773	0.041873706	0.145265293
<i>CD79B</i>	0.285921	0.140541	2.03443	0.041908229	0.145345871
<i>BBS1</i>	-1.898713	0.934011	-2.03286	0.042066659	0.145856023
<i>MLLT3</i>	-1.726754	0.84954	-2.032574	0.042095535	0.145916824

<i>MNAT1</i>	-1.307078	0.643183	-2.032201	0.042133297	0.146008386
<i>ENSG00000251661</i>	-2.197128	1.081688	-2.031203	0.042234404	0.146319352
<i>SNTB2</i>	-1.561506	0.769454	-2.02937	0.042420612	0.146924903
<i>KRBA1</i>	-1.666186	0.82109	-2.029237	0.042434135	0.146932188
<i>ARL6</i>	-1.837231	0.905504	-2.028959	0.042462486	0.1469908
<i>ENSG00000259945</i>	-3.85622	1.900798	-2.028738	0.042484997	0.147029172
<i>FANCI</i>	-2.200113	1.084618	-2.028468	0.042512493	0.147084765
<i>NBPF15</i>	-1.474821	0.727109	-2.028335	0.042526094	0.14709227
<i>ENSG00000254469</i>	-1.564822	0.77164	-2.027917	0.042568754	0.147200258
<i>LINC02328</i>	-1.654117	0.815876	-2.027411	0.042620373	0.147339157
<i>ZSCAN12</i>	-1.732521	0.854919	-2.026533	0.042710207	0.147610055
<i>RNF114</i>	-0.744444	0.367382	-2.026345	0.042729407	0.147636757
<i>FGFBP3</i>	-2.07959	1.026454	-2.025993	0.042765458	0.147718747
<i>KIF3C</i>	-1.852878	0.9146	-2.02589	0.042776098	0.147718747
<i>ZNF341.AS1</i>	-3.68685	1.820013	-2.025728	0.04279268	0.147736359
<i>ENSG00000230555</i>	-1.856392	0.916512	-2.025498	0.042816268	0.147778144
<i>LLPH</i>	-0.749023	0.369912	-2.024866	0.042881084	0.147962164
<i>ENSG00000273329</i>	-1.554382	0.767735	-2.024633	0.042905094	0.148005321
<i>IGLV3.21</i>	-4.102846	2.026783	-2.024314	0.04293786	0.148078651
<i>PTPN14</i>	-1.699533	0.839716	-2.023937	0.042976632	0.148159051
<i>MPI</i>	-1.300564	0.642614	-2.023863	0.042984203	0.148159051
<i>JAM3</i>	-1.511435	0.747092	-2.02309	0.043063828	0.148343017
<i>BAIAP2L1</i>	-5.366324	2.65254	-2.023089	0.043063984	0.148343017
<i>ZNF582</i>	-1.66835	0.824687	-2.02301	0.043072162	0.148343017
<i>ZNF841</i>	-1.751382	0.865807	-2.022831	0.043090538	0.14836659
<i>PAXIP1</i>	-1.884532	0.931758	-2.022556	0.043118975	0.148390841
<i>FGF9</i>	-3.817908	1.88768	-2.02254	0.043120646	0.148390841
<i>CAMTA1</i>	1.222003	0.604242	2.022374	0.043137766	0.148410062
<i>ENSG00000271200</i>	-4.005152	1.981495	-2.021278	0.043251018	0.148756916
<i>UFSP1</i>	-3.816779	1.888514	-2.021048	0.043274755	0.148756916
<i>PWWP2B</i>	-1.42638	0.705789	-2.020973	0.043282571	0.148756916
<i>WBP1</i>	-2.057035	1.017891	-2.02088	0.043292166	0.148756916
<i>UBP1</i>	-1.362908	0.674427	-2.020839	0.04329639	0.148756916
<i>SLC29A2</i>	-1.467626	0.726329	-2.020609	0.043320271	0.148799234
<i>ZNF609</i>	-1.375346	0.680707	-2.020466	0.043335043	0.148810247
<i>PDK3</i>	-1.350589	0.668548	-2.020182	0.043364546	0.14886678
<i>CPNE5</i>	1.389557	0.687871	2.020084	0.043374645	0.14886678
<i>PHF21A</i>	-0.832018	0.412062	-2.019156	0.043470991	0.149125893
<i>LPP.AS2</i>	-1.598463	0.791658	-2.019134	0.043473321	0.149125893
<i>FAM111A.DT</i>	-1.104128	0.546901	-2.018881	0.043499595	0.149173772
<i>ARFGAP3</i>	-0.870018	0.430963	-2.018776	0.043510466	0.149173772
<i>GAB3</i>	-1.441134	0.714017	-2.018346	0.043555279	0.149287632
<i>PLEKHB1</i>	-1.937543	0.960549	-2.01712	0.043683005	0.149685547
<i>ETFB</i>	1.201674	0.596287	2.015261	0.043877358	0.15029443
<i>UVSSA</i>	-1.613316	0.800575	-2.015197	0.043884058	0.15029443
<i>PORCN</i>	-1.540481	0.764494	-2.015033	0.043901163	0.150313004
<i>ZNF519</i>	-1.454662	0.721968	-2.014858	0.043919532	0.150335893

ZFAT	-1.584065	0.786306	-2.014566	0.043950173	0.150360693
TNFRSF10D	-1.809024	0.898062	-2.014365	0.043971183	0.150360693
C8orf82	-1.761417	0.874491	-2.01422	0.043986401	0.150360693
TRIM35	-1.724951	0.85642	-2.01414	0.043994799	0.150360693
ETV7	-6.153896	3.055731	-2.013887	0.044021425	0.150360693
BCL11B	-6.153896	3.055731	-2.013887	0.044021425	0.150360693
COL18A1	-6.153896	3.055731	-2.013887	0.044021425	0.150360693
NCK1.DT	-1.443993	0.717054	-2.013787	0.044031949	0.150360693
GNG10	-1.897531	0.94227	-2.013787	0.04403187	0.150360693
ENSG00000260077	-1.643325	0.816089	-2.013658	0.04404549	0.150367025
CDK5RAP3	1.190642	0.591365	2.01338	0.044074669	0.15038836
CACNB1	-3.854067	1.914319	-2.013283	0.044084842	0.15038836
NPAS1	-3.723344	1.849406	-2.013265	0.044086803	0.15038836
RPS28	-0.109436	0.054369	-2.012845	0.044130955	0.150499073
MFGE8	-2.168808	1.077614	-2.012601	0.044156596	0.150546614
ENSG00000272369	-1.607662	0.798881	-2.012391	0.044178727	0.150582166
FAM200A	-1.419766	0.705648	-2.012002	0.044219677	0.150649451
PAFAH2	-1.771072	0.880262	-2.011982	0.044221884	0.150649451
PTRHD1	-0.651776	0.323989	-2.011721	0.044249376	0.150703207
OTUD4	-1.289203	0.6409	-2.01155	0.044267348	0.150724522
LDB1	-1.552406	0.77221	-2.010343	0.044394947	0.151118992
LIMK2	-1.560663	0.776636	-2.009516	0.044482408	0.15137666
CRADD	-1.310224	0.65212	-2.009177	0.044518315	0.151458794
IGF1R	-1.551731	0.772569	-2.008535	0.044586517	0.151650732
ENSG00000218018	-1.532475	0.763052	-2.00835	0.04460612	0.151677312
NAB2	-1.354669	0.674655	-2.007942	0.044649412	0.151784408
HCRT	-1.776586	0.884864	-2.007749	0.044669938	0.151814075
C17orf99	-1.958514	0.975547	-2.007606	0.044685163	0.151825717
SENP3	-1.513493	0.753973	-2.007357	0.044711691	0.151855279
TADA2B	-1.52872	0.761579	-2.007302	0.044717467	0.151855279
ASCC3	-1.122244	0.559509	-2.005767	0.044881152	0.152370917
UBE2Q2	-1.174291	0.585514	-2.005571	0.044902017	0.152401544
C19orf44	-1.871942	0.933568	-2.005148	0.044947229	0.152458304
ENSG00000170846	-1.608018	0.801987	-2.005043	0.044958433	0.152458304
ENSG00000263470	-5.59627	2.791305	-2.004894	0.044974388	0.152458304
ZNF341	-1.615002	0.805589	-2.004746	0.044990258	0.152458304
ENTPD7	-3.794963	1.893475	-2.004231	0.045045287	0.152458304
AGAP4	-1.539236	0.768044	-2.0041	0.045059395	0.152458304
CCR1	-6.122044	3.055329	-2.003727	0.04509936	0.152458304
GIMAP7	-6.122044	3.055329	-2.003727	0.04509936	0.152458304
ANKRD20A4	-6.122044	3.055329	-2.003727	0.045099363	0.152458304
TAL2	-6.122044	3.055329	-2.003727	0.04509936	0.152458304
TNFRSF1A	-6.122044	3.055329	-2.003727	0.04509936	0.152458304
ENSG00000266088	-6.122044	3.055329	-2.003727	0.04509936	0.152458304
RASSF6	-6.11608	3.052772	-2.003451	0.045128902	0.152458304
TMX1	-0.816628	0.407644	-2.003284	0.045146778	0.152458304
EIF4ENIF1	-1.43388	0.715783	-2.003234	0.045152136	0.152458304

<i>LCP2</i>	-6.115013	3.052761	-2.003109	0.045165609	0.152458304
<i>MSC</i>	-6.115013	3.052761	-2.003109	0.045165609	0.152458304
<i>KLRB1</i>	-6.115013	3.052761	-2.003109	0.045165609	0.152458304
<i>MGST1</i>	-6.115013	3.052761	-2.003109	0.045165609	0.152458304
<i>PTGER2</i>	-6.115013	3.052761	-2.003109	0.045165609	0.152458304
<i>IFT43</i>	-1.179451	0.588815	-2.003091	0.045167565	0.152458304
<i>CEP295</i>	-1.287061	0.642695	-2.0026	0.045220235	0.152596056
<i>BCL2</i>	-0.656227	0.327723	-2.002383	0.045243577	0.152603382
<i>ENSG00000261087</i>	-1.618697	0.808395	-2.002359	0.045246126	0.152603382
<i>TXNL4B</i>	-1.369054	0.683926	-2.001757	0.045310831	0.152781567
<i>MOB3B</i>	-1.43722	0.718109	-2.001396	0.045349773	0.152872813
<i>ENSG00000236935</i>	-1.60066	0.800578	-1.99938	0.045567279	0.153514561
<i>IFT46</i>	-1.508714	0.7546	-1.999355	0.04556992	0.153514561
<i>ZEB1.AS1</i>	-1.479001	0.739808	-1.999169	0.04559008	0.153514561
<i>ZNF629</i>	-1.686283	0.843527	-1.999086	0.045599077	0.153514561
<i>C15orf41</i>	-2.000199	1.00056	-1.999079	0.045599802	0.153514561
<i>ZNF628</i>	-1.737818	0.869511	-1.998615	0.045650016	0.153643409
<i>C19orf47</i>	-1.871283	0.936803	-1.997519	0.045768821	0.154002986
<i>FAM227B</i>	-1.74243	0.872917	-1.996101	0.045922878	0.154480961
<i>ENSG00000272760</i>	-1.7349	0.869197	-1.99598	0.045936151	0.154485221
<i>MIR22HG</i>	-1.85745	0.93079	-1.995564	0.045981437	0.154597114
<i>PLA2G15</i>	-1.481749	0.742663	-1.995183	0.046022941	0.154696233
<i>SPAG4</i>	-4.765562	2.389386	-1.994472	0.046100529	0.154916559
<i>KCNC4</i>	-1.540428	0.772399	-1.994342	0.046114735	0.154923837
<i>EIF4EBP3</i>	-1.625742	0.815838	-1.992725	0.046291548	0.155477252
<i>RC3H1</i>	-1.046534	0.525338	-1.992114	0.046358542	0.15566163
<i>FAM71D</i>	-1.633819	0.820475	-1.991309	0.04644698	0.155917895
<i>INPP4A</i>	-1.487993	0.747286	-1.991197	0.046459284	0.155918519
<i>STX3</i>	-1.182409	0.59408	-1.99032	0.04655574	0.1561507
<i>ZNF704</i>	-1.611516	0.809687	-1.990296	0.046558381	0.1561507
<i>ZNF852</i>	-1.602658	0.80526	-1.990237	0.046564874	0.1561507
<i>ZNF865</i>	-1.492263	0.750071	-1.989495	0.046646629	0.156384099
<i>RSRC1</i>	-0.801325	0.402801	-1.989381	0.046659149	0.156385327
<i>FAHD2B</i>	-1.577756	0.793519	-1.988303	0.046778219	0.15674358
<i>SNX30</i>	-1.373285	0.691124	-1.987033	0.046918778	0.157173632
<i>LINC01597</i>	-1.701842	0.856756	-1.986378	0.046991356	0.157375788
<i>COPE</i>	0.762116	0.383719	1.986131	0.0470188	0.157411769
<i>GPRC5C</i>	-1.482936	0.746672	-1.986061	0.047026567	0.157411769
<i>EIF3C</i>	-1.457287	0.733816	-1.985901	0.047044311	0.157430209
<i>KANSL1L</i>	-1.976312	0.995272	-1.985701	0.047066485	0.15746346
<i>ENSG00000262050</i>	-5.007887	2.5223	-1.985444	0.047095046	0.157518053
<i>KCTD19</i>	-2.271087	1.144215	-1.984844	0.047161882	0.157700606
<i>ENSG00000271109</i>	-1.51982	0.765989	-1.984127	0.047241723	0.15792654
<i>ZFP69</i>	-1.79245	0.903549	-1.983788	0.047279426	0.158011525
<i>CD9</i>	-1.3706	0.691023	-1.983435	0.047318879	0.158102316
<i>ZNF549</i>	-1.510405	0.76162	-1.983149	0.047350797	0.158128956
<i>APOBEC3H</i>	-1.659149	0.836632	-1.983131	0.047352853	0.158128956



<i>ELAC1</i>	-1.427691	0.719953	-1.983033	0.047363721	0.158128956
<i>PFAS</i>	-1.622361	0.818177	-1.982898	0.047378786	0.158138222
<i>VHL</i>	1.022232	0.515669	1.982343	0.047440858	0.158284164
<i>POU5F2</i>	-1.478229	0.745719	-1.982287	0.047447114	0.158284164
<i>ENSG00000272189</i>	-1.76989	0.892999	-1.981962	0.047483545	0.158352507
<i>TMCO4</i>	-1.434328	0.723719	-1.981884	0.047492214	0.158352507
<i>DTNB</i>	-1.36044	0.686561	-1.981528	0.047532105	0.158444453
<i>DGKG</i>	-5.462763	2.758099	-1.980626	0.047633231	0.158740425
<i>CD6</i>	-1.537189	0.776159	-1.980508	0.047646498	0.158743525
<i>LANCL2</i>	-2.160305	1.090934	-1.980234	0.047677259	0.158794167
<i>RRAGD</i>	-2.153531	1.087558	-1.980153	0.047686381	0.158794167
<i>ENSG00000271857</i>	-2.181351	1.101744	-1.979907	0.047713931	0.158844798
<i>CCDC74A</i>	-1.860838	0.939978	-1.979662	0.047741548	0.158863888
<i>ICA1</i>	-3.717185	1.8779	-1.979437	0.047766801	0.158863888
<i>STXBP5</i>	-1.613619	0.815198	-1.97942	0.047768752	0.158863888
<i>ERICH6.AS1</i>	-1.497576	0.756597	-1.979357	0.047775794	0.158863888
<i>PRR7</i>	-1.561626	0.788976	-1.979307	0.047781398	0.158863888
<i>AGAP2</i>	-1.505482	0.761017	-1.978249	0.047900567	0.159208013
<i>CHST12</i>	1.347497	0.681184	1.978169	0.047909647	0.159208013
<i>ANKLE1</i>	-1.614922	0.816587	-1.977648	0.04796848	0.159362364
<i>GATAD1</i>	-0.972865	0.492068	-1.977096	0.048030822	0.159515346
<i>TMEM185B</i>	-1.752975	0.886675	-1.97702	0.048039323	0.159515346
<i>ENSG00000223821</i>	-2.168519	1.097018	-1.97674	0.048071015	0.159544813
<i>ARMC5</i>	-1.616575	0.817824	-1.97668	0.048077855	0.159544813
<i>FXR2</i>	-1.376611	0.696449	-1.976613	0.048085396	0.159544813
<i>ENSG00000273389</i>	-3.034104	1.53533	-1.976191	0.048133161	0.159642623
<i>GPRASP1</i>	-4.340134	2.196349	-1.976067	0.048147142	0.159642623
<i>BICD2</i>	-1.187198	0.600802	-1.976024	0.048152096	0.159642623
<i>RNF145</i>	1.326587	0.671429	1.975767	0.048181188	0.159697925
<i>MAP3K6</i>	-2.157217	1.092156	-1.975192	0.048246359	0.159872755
<i>VPS37B</i>	1.308666	0.662731	1.974656	0.048307245	0.160002194
<i>RN7SL832P</i>	-1.915128	0.969913	-1.974536	0.048320821	0.160002194
<i>ZNF823</i>	-1.59917	0.809904	-1.974519	0.048322727	0.160002194
<i>ZFYVE26</i>	-1.484189	0.75174	-1.974338	0.048343288	0.160029092
<i>FAM53C</i>	-0.973102	0.492923	-1.974145	0.048365222	0.160060523
<i>WDR47</i>	-1.615143	0.818566	-1.973138	0.048479874	0.16038976
<i>TAF5L</i>	-1.562669	0.792006	-1.973052	0.048489637	0.16038976
<i>ENSG00000271576</i>	-1.401514	0.710406	-1.972836	0.048514255	0.160412463
<i>ENSG00000269038</i>	-1.81352	0.919327	-1.972659	0.048534407	0.160412463
<i>SLC2A5</i>	1.474595	0.747533	1.972616	0.048539305	0.160412463
<i>CXCL8</i>	-3.793505	1.923143	-1.972554	0.048546369	0.160412463
<i>ENSG00000228434</i>	1.401521	0.710933	1.971382	0.048680226	0.16081347
<i>NIPA1</i>	-1.579033	0.801107	-1.971064	0.048716606	0.160892344
<i>ENSG00000237513</i>	-1.367427	0.693923	-1.970575	0.048772565	0.161035822
<i>HOXB.AS1</i>	-1.895265	0.961881	-1.970374	0.048795524	0.161070293
<i>ABHD4</i>	-1.451709	0.736991	-1.969777	0.048863911	0.161254665
<i>FAM169A</i>	-1.825096	0.926883	-1.96907	0.048945107	0.161481203

<i>PIGBOS1</i>	-0.884351	0.449247	-1.96852	0.04900823	0.161648011
<i>ENSG00000281741</i>	-5.370472	2.728388	-1.968368	0.049025723	0.16166427
<i>RAD51C</i>	-1.040201	0.52852	-1.968141	0.049051775	0.161708733
<i>ENSG00000236514</i>	-1.602306	0.81449	-1.96725	0.049154443	0.162005691
<i>ENSG00000270006</i>	-3.636883	1.849348	-1.966576	0.04923212	0.162184238
<i>RASSF1.AS1</i>	-1.765483	0.897751	-1.966561	0.049233826	0.162184238
<i>ACTR3C</i>	-1.918804	0.975959	-1.966071	0.049290413	0.162289437
<i>OTUD1</i>	-1.498939	0.762405	-1.966066	0.049290986	0.162289437
<i>C7orf31</i>	-1.290706	0.656533	-1.965943	0.049305218	0.162294767
<i>ANO6</i>	-1.517889	0.772305	-1.9654	0.049367964	0.162454679
<i>ENSG00000272807</i>	-1.614009	0.821286	-1.965223	0.0493884	0.162454679
<i>SLX4</i>	-1.562698	0.795187	-1.965195	0.049391677	0.162454679
<i>MAP3K2.DT</i>	-2.27313	1.156892	-1.964859	0.049430558	0.162541014

<b>Cluster 8</b>	<b>log2FC</b>	<b>lfcSE</b>	<b>stat</b>	<b>pvalue</b>	<b>padj</b>
<i>VPREB3</i>	3.10935	0.122778	25.324971	< 2.22e-16	< 2.22e-16
<i>PLAAT4</i>	1.960884	0.210039	9.3358	< 2.22e-16	< 2.22e-16
<i>TRABD</i>	0.640191	0.086704	7.383653	1.54E-13	5.58E-10
<i>DUS2</i>	1.582962	0.226163	6.999212	2.57E-12	7.00E-09
<i>RARA.AS1</i>	2.696763	0.39113	6.894805	5.39E-12	1.17E-08
<i>PNOC</i>	1.732011	0.256972	6.740081	1.58E-11	2.87E-08
<i>MRPS6</i>	0.760093	0.117674	6.459333	1.05E-10	1.63E-07
<i>CD1D</i>	2.700403	0.4383	6.161078	7.23E-10	9.83E-07
<i>SLC12A4</i>	2.625044	0.429696	6.109078	1.00E-09	1.21E-06
<i>AGO1</i>	1.263621	0.220207	5.738339	9.56E-09	1.04E-05
<i>MS4A1</i>	-0.629759	0.111336	-5.656375	1.55E-08	1.53E-05
<i>DPEP2</i>	0.827363	0.152243	5.434481	5.50E-08	4.98E-05
<i>DENND6B</i>	2.202848	0.407365	5.407549	6.39E-08	5.35E-05
<i>CD38</i>	2.706547	0.502084	5.390624	7.02E-08	5.46E-05
<i>AHI1</i>	1.355534	0.253283	5.351851	8.71E-08	6.03E-05
<i>RMDN2</i>	2.072746	0.387529	5.348621	8.86E-08	6.03E-05
<i>SLC5A3</i>	1.048462	0.206849	5.068733	4.00E-07	0.000256279
<i>HOXB3</i>	3.759693	0.747926	5.026824	4.99E-07	0.000301391
<i>SPRY1</i>	1.05233	0.21004	5.010133	5.44E-07	0.000311439
<i>GBP4</i>	0.778645	0.156072	4.989007	6.07E-07	0.000330126
<i>SEPTIN9</i>	0.46807	0.095327	4.910132	9.10E-07	0.000471501
<i>H3F3A</i>	0.411428	0.085606	4.806085	1.54E-06	0.000761109
<i>ICAM2</i>	0.879563	0.191799	4.585852	4.52E-06	0.002138617
<i>P2RX5</i>	0.903187	0.200318	4.50877	6.52E-06	0.002955674
<i>GRN</i>	1.048161	0.233912	4.480996	7.43E-06	0.003233049
<i>RRBP1</i>	1.404271	0.316165	4.44158	8.93E-06	0.003736555
<i>CD72</i>	0.791993	0.183131	4.324735	1.53E-05	0.006050121
<i>TGFBR2</i>	-0.693224	0.160452	-4.320443	1.56E-05	0.006050121
<i>DTX4</i>	1.335757	0.314991	4.240617	2.23E-05	0.008362059
<i>GPR183</i>	-0.599259	0.141671	-4.229923	2.34E-05	0.008477309
<i>SIGIRR</i>	0.698336	0.166491	4.194441	2.74E-05	0.009599677
<i>CHST15</i>	0.861948	0.2061	4.182187	2.89E-05	0.009815529
<i>TNFRSF13B</i>	-1.427673	0.343628	-4.154704	3.26E-05	0.010737547
<i>FCRL1</i>	1.088117	0.264866	4.108172	3.99E-05	0.012760532
<i>ENSG00000271204</i>	0.499282	0.122284	4.082963	4.45E-05	0.013821053
<i>RABGAP1L</i>	0.680632	0.168579	4.03747	5.40E-05	0.01632777
<i>MAP3K1</i>	0.726835	0.181541	4.003695	6.24E-05	0.018335742
<i>DBNL</i>	0.605379	0.151703	3.990543	6.59E-05	0.018872795
<i>CD83</i>	-0.463881	0.116666	-3.976155	7.00E-05	0.019537152
<i>GBP7</i>	1.592185	0.406454	3.917256	8.96E-05	0.024358845
<i>PLAAT3</i>	2.993368	0.767086	3.902259	9.53E-05	0.02528678
<i>CIB1</i>	0.421383	0.108339	3.889487	0.00010046	0.026020629
<i>GDPGP1</i>	1.710475	0.444553	3.847626	0.00011927	0.030174838
<i>CD22</i>	0.77424	0.205237	3.772418	0.00016167	0.039973674
<i>S100A4</i>	-0.994181	0.264569	-3.757736	0.00017146	0.041450824
<i>QPRT</i>	3.380332	0.901268	3.75064	0.00017638	0.041714691

<i>LINC.PINT</i>	0.492244	0.131834	3.733805	0.00018861	0.043656929
<i>MPEG1</i>	0.976972	0.262485	3.722011	0.00019764	0.043976031
<i>LCAT</i>	2.008887	0.539811	3.721463	0.00019807	0.043976031
<i>ZNF563</i>	1.12665	0.307355	3.665627	0.00024673	0.05368417
<i>RAB37</i>	1.220522	0.337376	3.617688	0.00029725	0.063406763
<i>MAP2K6</i>	2.431676	0.675407	3.600314	0.00031783	0.066494345
<i>NCF1</i>	0.319515	0.090509	3.530219	0.00041522	0.085228775
<i>ZFP36L1</i>	-0.418767	0.119695	-3.498614	0.00046768	0.094220657
<i>FTH1</i>	-0.159992	0.045805	-3.492877	0.00047785	0.094517925
<i>CD79A</i>	0.418568	0.120266	3.480346	0.00050077	0.095991472
<i>SMAD3</i>	0.783538	0.225207	3.479184	0.00050294	0.095991472
<i>IGLC2</i>	-1.1799	0.341078	-3.459327	0.00054153	0.099765738
<i>FAM3C</i>	0.625017	0.180692	3.459009	0.00054217	0.099765738
<i>NUP210</i>	0.642716	0.186023	3.455031	0.00055023	0.099765738
<i>LBR</i>	0.490443	0.142812	3.43418	0.00059435	0.105165554
<i>FCER2</i>	1.134201	0.330487	3.431911	0.00059934	0.105165554
<i>DPEP3</i>	2.093396	0.61505	3.403619	0.000665	0.114833074
<i>GPX1</i>	0.403301	0.119057	3.387456	0.00070544	0.119913892
<i>NDUFB9</i>	0.518556	0.15415	3.363963	0.00076832	0.128593079
<i>SERPINB6</i>	0.777936	0.234246	3.321025	0.00089688	0.147835052
<i>CD82</i>	-0.527695	0.16056	-3.286587	0.00101409	0.164661646
<i>DDIT4</i>	1.010938	0.309254	3.26896	0.00107943	0.172693583
<i>CD180</i>	0.692766	0.217279	3.18837	0.00143078	0.22558555
<i>NMT2</i>	-0.571509	0.179883	-3.177122	0.00148745	0.231170454
<i>ENSG00000278107</i>	2.800645	0.889177	3.149704	0.00163436	0.247778386
<i>ANAPC16</i>	0.319636	0.101513	3.148722	0.00163986	0.247778386
<i>CYTIP</i>	-0.226722	0.072412	-3.131012	0.00174205	0.25961361
<i>SESN3</i>	-0.506037	0.162255	-3.118768	0.00181609	0.266990049
<i>CCM2</i>	-0.49246	0.158843	-3.100293	0.00193329	0.280430411
<i>PUS1</i>	0.89744	0.29066	3.087594	0.00201784	0.288842855
<i>KCNN1</i>	2.582871	0.844058	3.060065	0.00221289	NA
<i>FAM117A</i>	0.579541	0.189736	3.054455	0.0022547	0.318556972
<i>ENSG00000233038</i>	4.005717	1.312386	3.052241	0.0022714	NA
<i>AGPAT5</i>	0.736702	0.243219	3.028968	0.00245391	0.342257175
<i>USF3</i>	-0.513871	0.170689	-3.010564	0.00260763	0.359094172
<i>SERPINF1</i>	-1.352308	0.453921	-2.979174	0.00289027	0.393040413
<i>ENSG00000278831</i>	2.483788	0.838391	2.962567	0.00305086	NA
<i>CPNE5</i>	0.809985	0.274727	2.948333	0.00319493	0.429106562
<i>PLP2</i>	-0.531445	0.180584	-2.942924	0.00325128	0.431349972
<i>ENSG00000233912</i>	2.280094	0.778046	2.930539	0.00338375	0.432290104
<i>ESYT1</i>	-0.724439	0.247604	-2.925794	0.00343579	0.432290104
<i>ENSG00000261448</i>	1.725677	0.589825	2.925746	0.00343631	0.432290104
<i>RESF1</i>	-0.437648	0.149757	-2.922388	0.00347359	0.432290104
<i>P2RX5.TAX1BP3</i>	1.067236	0.365727	2.918119	0.0035215	0.432290104
<i>CLIC3</i>	1.001622	0.343256	2.918006	0.00352278	0.432290104
<i>CPSF4</i>	-0.817719	0.280349	-2.916791	0.00353652	0.432290104
<i>CGGBP1</i>	-0.451469	0.15537	-2.905766	0.00366356	0.439786861

<i>IFI30</i>	0.630148	0.217205	2.901171	0.00371771	0.439786861
<i>USP30.AS1</i>	0.809216	0.278939	2.901051	0.00371913	0.439786861
<i>FBXO36</i>	2.773995	0.957396	2.897438	0.00376225	0.440101788
<i>IRF4</i>	0.714302	0.250773	2.848407	0.00439387	0.508520526
<i>BTBD7</i>	0.614928	0.216149	2.844923	0.00444222	0.508704433
<i>PAXX</i>	0.500771	0.176652	2.834789	0.0045856	0.515158921
<i>GSTP1</i>	0.255967	0.090312	2.834253	0.00459329	0.515158921
<i>NAA80</i>	-1.237574	0.437388	-2.829467	0.00466256	0.517591685
<i>RAB20</i>	1.33003	0.474126	2.805225	0.00502815	0.552537214
<i>ADA</i>	-0.598268	0.214155	-2.793623	0.00521212	0.567026895
<i>UBE2E2</i>	-0.715778	0.256598	-2.789493	0.00527906	0.568622844
<i>TUBD1</i>	0.815115	0.29355	2.776747	0.00549059	0.585608564
<i>SLC43A2</i>	0.334982	0.121054	2.76722	0.00565366	0.597147458
<i>RNF207</i>	2.338817	0.845431	2.766422	0.00566752	NA
<i>IRAK2</i>	0.897562	0.325104	2.760846	0.00576518	0.600758575
<i>FCMR</i>	0.398427	0.144712	2.753246	0.00590075	0.600758575
<i>SLC45A3</i>	1.25908	0.457539	2.751851	0.00592595	0.600758575
<i>LY86</i>	-0.399226	0.145182	-2.749829	0.00596264	0.600758575
<i>IDS</i>	-0.322417	0.117253	-2.749756	0.00596396	0.600758575
<i>EFHD2</i>	-1.16934	0.427635	-2.734436	0.00624873	0.623669428
<i>PARP14</i>	-0.390875	0.143254	-2.728535	0.00636164	0.626643802
<i>CLIC1</i>	-0.225944	0.082858	-2.726874	0.00639374	0.626643802
<i>AGPAT2</i>	-0.5096	0.187333	-2.720291	0.00652246	0.629562954
<i>ENSG00000089127</i>	0.750298	0.275902	2.71944	0.00653926	0.629562954
<i>ZC3H12D</i>	-0.985839	0.363633	-2.711079	0.00670647	0.639997014
<i>GABPB1</i>	0.328487	0.121359	2.706729	0.00679496	0.642803565
<i>RHOG</i>	-0.346188	0.128302	-2.698234	0.00697083	0.653755989
<i>TRMT1</i>	0.501241	0.187081	2.679276	0.00737815	0.684338709
<i>PSAT1</i>	2.688362	1.004097	2.677393	0.00741976	NA
<i>AP3B1</i>	0.487233	0.18199	2.677258	0.00742274	0.684338709
<i>TRANK1</i>	-0.558344	0.208927	-2.672435	0.00753029	0.684772925
<i>PTP4A3</i>	1.927055	0.722055	2.668849	0.00761116	0.684772925
<i>ZSWIM6</i>	1.052991	0.395088	2.665203	0.00769419	0.684772925
<i>LLGL2</i>	-1.682758	0.63179	-2.663475	0.00773382	0.684772925
<i>TBC1D9</i>	0.737224	0.276828	2.663112	0.00774217	0.684772925
<i>PTMA</i>	0.120179	0.045207	2.658429	0.00785059	0.688762361
<i>ENSG00000245904</i>	0.267071	0.101055	2.642841	0.00822135	0.715520638
<i>SYNGR3</i>	1.515633	0.576124	2.63074	0.00851992	0.73297557
<i>OAS3</i>	1.317763	0.501188	2.629277	0.00855666	0.73297557
<i>ENDOD1</i>	0.953719	0.364818	2.614235	0.00894275	0.760064182
<i>GPR160</i>	1.010026	0.387964	2.603403	0.00923033	0.778424071
<i>ARHGAP22</i>	1.65275	0.636945	2.594807	0.00946439	0.792024029
<i>ZNF674</i>	2.009019	0.776988	2.585649	0.00971958	0.807170646
<i>CD24</i>	-0.437137	0.169258	-2.58267	0.00980391	0.808005309
<i>ZNF486</i>	1.203446	0.46674	2.578409	0.00992565	0.811888422
<i>KCNC3</i>	1.139557	0.442493	2.575312	0.01001497	0.813081212
<i>MYCBP</i>	-1.134055	0.442479	-2.562959	0.01037842	0.829405859

<i>MID1IP1</i>	-0.39561	0.154373	-2.562683	0.01038669	0.829405859
<i>SLC2A5</i>	1.004176	0.392275	2.559879	0.01047087	0.829405859
<i>GUK1</i>	-0.297871	0.116437	-2.558218	0.01052101	0.829405859
<i>POLN</i>	1.931495	0.756563	2.552986	0.01068037	0.831057765
<i>CTSH</i>	-0.356644	0.139723	-2.552518	0.01069474	0.831057765
<i>TBK1</i>	-0.748704	0.294073	-2.545981	0.01089713	0.836684838
<i>ENSG00000279278</i>	0.795319	0.312585	2.544328	0.01094881	0.836684838
<i>RAB51F</i>	-0.388409	0.152834	-2.541371	0.01104185	0.836684838
<i>RRS1</i>	0.850014	0.334869	2.538348	0.01113772	0.836684838
<i>FAM167A</i>	1.287398	0.507267	2.537909	0.0111517	0.836684838
<i>SCN4A</i>	2.31149	0.912567	2.532953	0.01131062	0.841003302
<i>WDR33</i>	0.483167	0.191007	2.529577	0.01142001	0.841003302
<i>WNT10A</i>	-1.220609	0.482685	-2.528792	0.01144557	0.841003302
<i>NUBP2</i>	-0.449575	0.177939	-2.526563	0.01151848	0.841003302
<i>BIN2</i>	0.653349	0.259616	2.516594	0.01184953	0.859406838
<i>SSNA1</i>	-0.414867	0.165024	-2.513976	0.01193786	0.860079589
<i>DIAPH1</i>	-0.68873	0.274506	-2.508982	0.01210798	0.866596497
<i>INTS4</i>	-0.761124	0.305559	-2.490919	0.0127413	0.901025223
<i>LAPTM5</i>	-0.205583	0.082545	-2.490547	0.01275465	0.901025223
<i>MLLT6</i>	-0.711983	0.287205	-2.479007	0.01317486	0.919472824
<i>SNRK</i>	0.657204	0.265137	2.478738	0.01318483	0.919472824
<i>MLXIP</i>	0.520524	0.21039	2.474092	0.01335752	0.925582228
<i>HS6ST1</i>	1.244885	0.503678	2.471591	0.01345133	0.926183774
<i>FSD1L</i>	-1.124781	0.457285	-2.459695	0.01390553	0.94927298
<i>OGFRL1</i>	-0.796514	0.324294	-2.456147	0.01404356	0.94927298
<i>ETFB</i>	0.403065	0.164113	2.456022	0.01404844	0.94927298
<i>PKN3</i>	2.746113	1.11939	2.453224	0.01415823	0.950786535
<i>PPP1R18</i>	0.390186	0.159198	2.450946	0.01424812	0.950952733
<i>GABARAPL2</i>	0.296021	0.121019	2.446082	0.01444182	0.958003176
<i>ENSG00000261335</i>	1.879734	0.769632	2.442381	0.01459076	0.962017216
<i>PARD6A</i>	-0.676668	0.278192	-2.43238	0.01499995	0.983038575
<i>DENND6A</i>	0.884936	0.364209	2.429746	0.01510942	0.984283834
<i>ENSG00000231856</i>	-1.657265	0.683915	-2.423204	0.01538427	0.996223211
<i>IKZF2</i>	-1.539224	0.636319	-2.418948	0.01556545	0.999772489
<i>CD79B</i>	0.208247	0.08636	2.411371	0.01589268	0.999772489
<i>P2RY8</i>	0.45907	0.190718	2.407069	0.01608115	0.999772489
<i>DMD</i>	-0.522894	0.217267	-2.406686	0.01609802	0.999772489
<i>ELMSAN1</i>	-0.445787	0.185243	-2.406497	0.01610634	0.999772489
<i>C2orf92</i>	2.245006	0.934052	2.403513	0.01623837	0.999772489
<i>MRNIP</i>	0.479002	0.199378	2.402485	0.0162841	0.999772489
<i>ENSG00000272049</i>	2.118701	0.882078	2.401942	0.0163083	NA
<i>FO XK1</i>	-0.592735	0.246972	-2.400011	0.01639458	0.999772489
<i>SLC50A1</i>	-0.316645	0.132054	-2.397845	0.01649185	0.999772489
<i>DIABLO</i>	-1.213042	0.505963	-2.397493	0.0165077	0.999772489
<i>CD27</i>	-1.699363	0.709067	-2.396618	0.01654715	0.999772489
<i>FOXO3</i>	0.826877	0.345216	2.395249	0.01660906	0.999772489
<i>GGA2</i>	0.294302	0.123066	2.391426	0.01678308	0.999772489

<i>RC3H1</i>	-0.680542	0.284782	-2.389696	0.01686233	0.999772489
<i>RUBCN</i>	-0.500626	0.209733	-2.386973	0.01698775	0.999772489
<i>EP400</i>	0.567695	0.237968	2.385592	0.01705168	0.999772489
<i>REC8</i>	0.831981	0.349318	2.381731	0.01723148	0.999772489
<i>SVOP</i>	2.166892	0.910081	2.380988	0.01726627	0.999772489
<i>JDP2</i>	1.089947	0.457837	2.380644	0.01728241	0.999772489
<i>ENSG00000230555</i>	0.993364	0.417708	2.378128	0.0174008	0.999772489
<i>TNFRSF18</i>	-1.374085	0.580252	-2.368085	0.01788041	0.999772489
<i>NOD2</i>	3.335023	1.410173	2.364974	0.01803136	NA
<i>AFTPH</i>	-0.493734	0.209094	-2.361305	0.01821075	0.999772489
<i>TRAF4</i>	-0.682176	0.289095	-2.359691	0.01829014	0.999772489
<i>SAXO2</i>	1.838486	0.780008	2.357009	0.01842281	NA
<i>ZNF3</i>	0.659187	0.279883	2.355223	0.01851159	0.999772489
<i>STK19</i>	-0.950465	0.403595	-2.354999	0.01852277	0.999772489
<i>NFE2L2</i>	-0.379269	0.161066	-2.354743	0.01853551	0.999772489
<i>TUSC1</i>	2.005848	0.852638	2.352521	0.01864663	0.999772489
<i>PCBP1</i>	-0.321614	0.136755	-2.351755	0.01868509	0.999772489
<i>PLXNB2</i>	1.779051	0.757811	2.347619	0.01889384	0.999772489
<i>NEURL1</i>	2.397878	1.022081	2.346074	0.01897233	0.999772489
<i>TRPV3</i>	1.736198	0.740128	2.345807	0.01898593	0.999772489
<i>EPC1</i>	0.269933	0.115214	2.342892	0.01913492	0.999772489
<i>PAOX</i>	0.69918	0.298628	2.341308	0.01921629	0.999772489
<i>TTLL7</i>	1.840647	0.786695	2.339721	0.01929816	0.999772489
<i>RASGEF1B</i>	-0.501229	0.214232	-2.339656	0.01930153	0.999772489
<i>PDCD4.AS1</i>	0.710941	0.304179	2.337245	0.01942646	0.999772489
<i>MMP11</i>	0.961662	0.411654	2.336091	0.01948651	0.999772489
<i>RERE</i>	-0.414363	0.177569	-2.333535	0.01962006	0.999772489
<i>DNM2</i>	-0.494441	0.211899	-2.333378	0.01962831	0.999772489
<i>CD47</i>	-0.229297	0.098269	-2.333373	0.01962859	0.999772489
<i>PKIG</i>	-0.424758	0.182161	-2.331769	0.01971284	0.999772489
<i>PHF20L1</i>	-0.391715	0.168115	-2.330047	0.01980366	0.999772489
<i>MEF2A</i>	0.401038	0.172263	2.328052	0.01990934	0.999772489
<i>SLC7A11</i>	2.120331	0.911629	2.32587	0.02002551	NA
<i>FZD3</i>	1.398688	0.60208	2.323093	0.02017414	0.999772489
<i>HIRA</i>	-0.912064	0.392633	-2.322944	0.02018219	0.999772489
<i>ZNF233</i>	1.914508	0.827006	2.314986	0.0206137	NA
<i>ZNF726</i>	1.183755	0.512399	2.310223	0.0208758	0.999772489
<i>ABCC10</i>	-1.218913	0.528401	-2.306797	0.02106615	0.999772489
<i>TIGAR</i>	-1.238275	0.536891	-2.30638	0.0210894	0.999772489
<i>SNX18</i>	1.05339	0.456922	2.305403	0.02114401	0.999772489
<i>ANKRD44</i>	0.352077	0.152957	2.301809	0.02134592	0.999772489
<i>MAST4</i>	-1.066939	0.463633	-2.301257	0.0213771	0.999772489
<i>MIB2</i>	-0.581068	0.252531	-2.300975	0.02139302	0.999772489
<i>CDK16</i>	-0.92236	0.401422	-2.297728	0.02157726	0.999772489
<i>BEST1</i>	-0.811995	0.353443	-2.297388	0.02159667	0.999772489
<i>CBWD2</i>	-0.953512	0.415359	-2.295633	0.02169689	0.999772489
<i>LSR</i>	-1.078956	0.470269	-2.294336	0.02177121	0.999772489

<i>ECHS1</i>	0.443461	0.193354	2.293515	0.02181835	0.999772489
<i>MDM4</i>	-0.267327	0.116655	-2.291598	0.02192885	0.999772489
<i>VPS36</i>	-0.39205	0.171256	-2.289261	0.02206418	0.999772489
<i>KCNH4</i>	2.741203	1.197569	2.288973	0.02208092	NA
<i>CKLF</i>	-0.476098	0.208067	-2.288191	0.02212638	0.999772489
<i>MED14</i>	-1.017595	0.444728	-2.28813	0.02212996	0.999772489
<i>RPS6KA4</i>	-0.916506	0.400636	-2.287631	0.022159	0.999772489
<i>PSD3</i>	-0.932144	0.408017	-2.284569	0.02233811	0.999772489
<i>MGAT2</i>	-0.746387	0.32718	-2.281271	0.0225324	0.999772489
<i>CYLD</i>	-0.366653	0.160726	-2.281236	0.02253451	0.999772489
<i>FAM76A</i>	-0.517618	0.226905	-2.281213	0.02253585	0.999772489
<i>PCBP4</i>	-1.31952	0.578978	-2.279051	0.02266405	0.999772489
<i>LINC01679</i>	2.89468	1.271439	2.276696	0.02280441	NA
<i>ENTPD3.AS1</i>	0.612566	0.269889	2.269697	0.02322597	0.999772489
<i>SLC25A35</i>	1.14633	0.505288	2.268665	0.02328868	0.999772489
<i>TSPYL2</i>	0.540492	0.238311	2.268008	0.02332869	0.999772489
<i>ENSG00000258539</i>	1.717914	0.758193	2.265801	0.02346356	0.999772489
<i>TKT</i>	-0.323238	0.142727	-2.264734	0.023529	0.999772489
<i>CYBA</i>	0.223631	0.098769	2.264179	0.02356309	0.999772489
<i>SNX6</i>	-0.363868	0.16078	-2.263139	0.02362711	0.999772489
<i>COQ2</i>	-1.170788	0.517384	-2.262898	0.02364196	0.999772489
<i>KDM6B</i>	-0.540082	0.238695	-2.262645	0.02365758	0.999772489
<i>PRDM1</i>	2.268816	1.003283	2.261391	0.02373505	NA
<i>POU2AF1</i>	0.251709	0.111331	2.260906	0.02376509	0.999772489
<i>GTF2A2</i>	-0.325222	0.144082	-2.257203	0.02399539	0.999772489
<i>NAMPT</i>	0.56024	0.24834	2.255941	0.0240743	0.999772489
<i>STAG2</i>	0.342411	0.151792	2.255799	0.02408319	0.999772489
<i>XYLT1</i>	0.692998	0.307268	2.255353	0.02411117	0.999772489
<i>CBX8</i>	1.255189	0.55657	2.25522	0.02411954	0.999772489
<i>TRIM38</i>	0.29782	0.132153	2.253605	0.02422105	0.999772489
<i>ZNF318</i>	-0.473819	0.210439	-2.251579	0.02434888	0.999772489
<i>TOMM40L</i>	1.763705	0.783367	2.251442	0.02435758	0.999772489
<i>PHC2</i>	-1.70886	0.759256	-2.250703	0.02440436	0.999772489
<i>LIG3</i>	1.067195	0.474448	2.249339	0.02449091	0.999772489
<i>ABR</i>	0.693403	0.308377	2.248555	0.02454083	0.999772489
<i>HSH2D</i>	0.365652	0.162756	2.246632	0.02466354	0.999772489
<i>WASF2</i>	0.301539	0.134519	2.241618	0.02498607	0.999772489
<i>DENND5A</i>	0.798262	0.356221	2.240916	0.0250315	0.999772489
<i>EHD4</i>	-0.649059	0.290012	-2.238042	0.02521835	0.999772489
<i>PATJ</i>	-0.979504	0.437719	-2.237745	0.02523766	0.999772489
<i>ZDHHC7</i>	-1.065171	0.476318	-2.23626	0.02533477	0.999772489
<i>ENSG00000231769</i>	1.842524	0.824591	2.23447	0.02545216	NA
<i>BCCIP</i>	0.502405	0.224975	2.233158	0.02553855	0.999772489
<i>FUT2</i>	2.182664	0.977646	2.232572	0.02557722	NA
<i>ENSG00000226380</i>	0.678649	0.304294	2.230241	0.02573148	0.999772489
<i>METAP1D</i>	0.901626	0.404742	2.22766	0.0259032	0.999772489
<i>ATP6V1A</i>	-0.583422	0.262843	-2.21966	0.02644185	0.999772489



<i>CD44</i>	-0.34962	0.157572	-2.218793	0.0265008	0.999772489
<i>NUDT8</i>	-1.359355	0.612924	-2.217818	0.02656724	0.999772489
<i>CETP</i>	-1.554217	0.701749	-2.214776	0.02677542	0.999772489
<i>TMCC1.AS1</i>	1.873398	0.84677	2.212405	0.02693871	NA
<i>ABCA2</i>	1.797396	0.815231	2.204769	0.02747029	0.999772489
<i>TOP1MT</i>	-0.67898	0.307997	-2.204503	0.02748898	0.999772489
<i>PXDC1</i>	2.397443	1.087534	2.204476	0.0274909	0.999772489
<i>LINC00896</i>	2.041739	0.927007	2.202507	0.02762951	0.999772489
<i>ENSG00000228201</i>	2.093368	0.950971	2.201296	0.02771509	NA
<i>NFATC3</i>	0.445012	0.202266	2.20013	0.0277977	0.999772489
<i>ENSG00000254859</i>	2.831145	1.288596	2.197077	0.02801495	NA
<i>SYTL1</i>	-0.362192	0.165045	-2.194502	0.02819936	0.999772489
<i>TAPT1.AS1</i>	1.584252	0.722407	2.19302	0.02830594	NA
<i>POU2F2</i>	-0.259536	0.118402	-2.191985	0.02838062	0.999772489
<i>ATP11C</i>	0.664804	0.30334	2.191617	0.02840716	0.999772489
<i>C1orf131</i>	-0.439392	0.200648	-2.18986	0.02853443	0.999772489
<i>ARHGAP15</i>	0.290181	0.132558	2.189093	0.02859009	0.999772489
<i>SYNE3</i>	-1.027197	0.469329	-2.188649	0.02862237	0.999772489
<i>TXLNG</i>	0.607086	0.27767	2.186355	0.02878967	0.999772489
<i>MRPS36</i>	0.348482	0.159414	2.186018	0.02881431	0.999772489
<i>NCF4</i>	-0.414935	0.189915	-2.184841	0.02890052	0.999772489
<i>CTSA</i>	0.558363	0.255655	2.184045	0.02895891	0.999772489
<i>PLEKHO1</i>	0.399209	0.182808	2.183762	0.02897971	0.999772489
<i>VPS18</i>	-0.961088	0.440283	-2.182886	0.0290442	0.999772489
<i>SELENOM</i>	-0.815375	0.373937	-2.180516	0.02921922	0.999772489
<i>TMEM242</i>	-0.59041	0.270819	-2.180089	0.02925085	0.999772489
<i>SIDT1</i>	-0.487257	0.223582	-2.179323	0.02930769	0.999772489
<i>TRIP10</i>	-0.84873	0.389471	-2.179191	0.02931752	0.999772489
<i>LINC002481</i>	2.479693	1.138112	2.178777	0.02934822	0.999772489
<i>FUOM</i>	0.613845	0.281863	2.177812	0.02942007	0.999772489
<i>MZB1</i>	-0.604746	0.277925	-2.175929	0.02956057	0.999772489
<i>ENSG00000271870</i>	-1.492259	0.686243	-2.174535	0.029665	0.999772489
<i>CPT2</i>	0.674598	0.310325	2.17384	0.02971716	0.999772489
<i>LRRFIP1</i>	-0.309855	0.142601	-2.172877	0.02978956	0.999772489
<i>UGCG</i>	0.643709	0.296269	2.172714	0.02980185	0.999772489
<i>CXCR4</i>	0.127097	0.058624	2.167994	0.03015914	0.999772489
<i>RINL</i>	0.465686	0.214812	2.167876	0.03016811	0.999772489
<i>PSMA3</i>	0.300135	0.138453	2.167779	0.0301755	0.999772489
<i>ARPC1B</i>	-0.192366	0.088795	-2.166394	0.03028106	0.999772489
<i>SUSD1</i>	1.83975	0.849495	2.165697	0.03033438	NA
<i>NICN1</i>	0.801354	0.371225	2.158673	0.03087556	0.999772489
<i>XBP1</i>	0.533119	0.246994	2.158426	0.03089471	0.999772489
<i>LARGE1</i>	0.973519	0.452254	2.152593	0.03135064	0.999772489
<i>PRR5</i>	1.900181	0.882932	2.152124	0.03138755	0.999772489
<i>VIM</i>	-0.577563	0.268378	-2.152053	0.03139317	0.999772489
<i>ENSG00000273384</i>	1.459387	0.678447	2.151071	0.03147059	0.999772489
<i>IRF1</i>	0.257688	0.12	2.147398	0.03176161	0.999772489

<i>AFG3L2</i>	-0.716799	0.33423	-2.144629	0.03198253	0.999772489
<i>UBE2G1</i>	0.352671	0.1646	2.142594	0.03214569	0.999772489
<i>HTR3A</i>	2.143782	1.001448	2.140682	0.03229969	0.999772489
<i>SLC45A4</i>	3.213488	1.501714	2.139879	0.03236452	NA
<i>ERGIC3</i>	-0.29267	0.136854	-2.138555	0.03247176	0.999772489
<i>HMOX1</i>	0.872271	0.408037	2.137725	0.0325391	0.999772489
<i>PRPF4B</i>	-0.393567	0.184165	-2.13704	0.03259474	0.999772489
<i>STX10</i>	-0.319896	0.149704	-2.136862	0.0326092	0.999772489
<i>NMNAT3</i>	1.468994	0.687794	2.135806	0.03269524	0.999772489
<i>CNBP</i>	0.184998	0.086665	2.134643	0.03279022	0.999772489
<i>UFSP1</i>	1.805155	0.845871	2.134077	0.03283644	NA
<i>PALLD</i>	2.829896	1.326777	2.13291	0.03293209	NA
<i>TMEM38B</i>	0.603697	0.283714	2.127834	0.03335082	0.999772489
<i>WDR19</i>	-0.943778	0.443732	-2.126911	0.03342745	0.999772489
<i>LINC01136</i>	1.866732	0.879079	2.123508	0.03371128	0.999772489
<i>GPT2</i>	0.84609	0.398902	2.12105	0.03391759	0.999772489
<i>LDHA</i>	-0.424298	0.200129	-2.12012	0.03399596	0.999772489
<i>TLR10</i>	-0.534576	0.252659	-2.115799	0.03436194	0.999772489
<i>TAF4B</i>	0.966329	0.457065	2.114204	0.03449784	0.999772489
<i>PDCD4</i>	0.42361	0.200367	2.114166	0.03450112	0.999772489
<i>JAK1</i>	0.241805	0.114471	2.112374	0.03465441	0.999772489
<i>ARMC2</i>	1.617436	0.766058	2.111374	0.03474018	NA
<i>FADS3</i>	-0.340359	0.161353	-2.10941	0.03490924	0.999772489
<i>TMEM120B</i>	-0.874515	0.414874	-2.107906	0.03503913	0.999772489
<i>RBMS1</i>	-0.64534	0.306229	-2.10738	0.03508463	0.999772489
<i>ENTPD5</i>	1.154427	0.547988	2.106665	0.0351466	0.999772489
<i>ENSG00000259793</i>	1.894036	0.899835	2.104871	0.0353025	NA
<i>KANSL2</i>	-0.650399	0.309408	-2.102078	0.03554642	0.999772489
<i>FYTTD1</i>	-0.400895	0.190716	-2.102056	0.03554834	0.999772489
<i>SEMA7A</i>	-1.025062	0.48765	-2.102047	0.03554915	0.999772489
<i>LINC02158</i>	1.835459	0.873922	2.100254	0.0357065	NA
<i>BMF</i>	-0.746332	0.355377	-2.100115	0.0357187	0.999772489
<i>ENSG00000253535</i>	0.959535	0.457138	2.099003	0.03581667	0.999772489
<i>NBN</i>	-0.506698	0.241478	-2.098322	0.03587668	0.999772489
<i>SLC41A2</i>	1.306207	0.622604	2.097973	0.03590749	0.999772489
<i>SLC33A1</i>	-0.742952	0.354308	-2.096908	0.03600168	0.999772489
<i>IQCC</i>	1.701558	0.812661	2.09381	0.03627688	0.999772489
<i>ZNF706</i>	0.220724	0.105423	2.093697	0.03628697	0.999772489
<i>TRADD</i>	-0.547967	0.261828	-2.09285	0.03636255	0.999772489
<i>BRMS1</i>	-0.387444	0.185216	-2.091846	0.03645227	0.999772489
<i>ENSG00000272817</i>	2.03992	0.975483	2.09119	0.03651102	0.999772489
<i>ENSG00000236723</i>	1.775336	0.849459	2.089962	0.03662123	NA
<i>IRAK1BP1</i>	1.2773	0.61128	2.08955	0.03665821	0.999772489
<i>CCDC144A</i>	1.454103	0.696395	2.088045	0.03679375	0.999772489
<i>MAPKAPK5</i>	-0.539244	0.258465	-2.086333	0.0369485	0.999772489
<i>CLCN5</i>	1.711274	0.820875	2.084694	0.03709709	NA
<i>CD99</i>	-0.447503	0.214857	-2.082794	0.03727002	0.999772489

ZNF800	-0.354683	0.170428	-2.081125	0.03742242	0.999772489
SLC25A45	0.763219	0.366791	2.080802	0.03745199	0.999772489
MED28	-0.25752	0.123774	-2.080569	0.03747341	0.999772489
CIRBP	0.168797	0.081195	2.078898	0.03762673	0.999772489
QSOX2	-0.690383	0.332313	-2.077506	0.03775491	0.999772489
CDCA4	-0.692	0.333315	-2.076116	0.03788325	0.999772489
SEL1L3	0.685004	0.329967	2.075979	0.0378959	0.999772489
C8orf58	-1.084731	0.522906	-2.074429	0.03803946	0.999772489
GIGYF1	-0.414052	0.19962	-2.074199	0.03806084	0.999772489
ENSG00000268439	1.134628	0.54839	2.069018	0.03854444	0.999772489
SH3BGRL3	-0.161745	0.078274	-2.06639	0.03879167	0.999772489
ENSG00000263272	-1.049571	0.508066	-2.065816	0.03884587	0.999772489
KBTBD6	-0.633443	0.306689	-2.065424	0.03888294	0.999772489
TRIO	-0.713391	0.345863	-2.06264	0.03914681	0.999772489
GLIPR2	0.503158	0.244337	2.059284	0.03946705	0.999772489
PLEKHG1	-0.394806	0.191976	-2.05654	0.03973051	0.999772489
OSTM1	0.477863	0.23252	2.055148	0.03986475	0.999772489
ODR4	0.687911	0.334726	2.055146	0.03986495	0.999772489
APMAP	0.589389	0.286803	2.05503	0.03987611	0.999772489
FAM227A	1.624411	0.790491	2.054939	0.03988493	NA
ECH1	0.260191	0.126667	2.054133	0.03996281	0.999772489
FAM177A1	-0.397143	0.193356	-2.053949	0.03998063	0.999772489
SMAGP	0.44269	0.215564	2.053634	0.04001111	0.999772489
DAD1	0.231633	0.112797	2.053529	0.04002127	0.999772489
SH3BP1	-0.827014	0.403509	-2.049556	0.04040781	0.999772489
LINC01521	1.437427	0.70136	2.049485	0.04041467	0.999772489
ENSG00000272379	1.513524	0.738728	2.048823	0.04047941	0.999772489
ASNSD1	0.389146	0.190072	2.047357	0.04062307	0.999772489
RBBP7	-0.413458	0.202048	-2.046331	0.04072384	0.999772489
TMEM97	-1.057121	0.516689	-2.045954	0.04076091	0.999772489
S100A6	-0.412724	0.202053	-2.042655	0.04108662	0.999772489
DDX49	0.526087	0.257896	2.039914	0.04135886	0.999772489
CHP1	-0.386487	0.189622	-2.038197	0.04153022	0.999772489
CHD1	0.306114	0.150191	2.038174	0.04153256	0.999772489
MAN2C1	1.0556	0.518221	2.036969	0.0416531	0.999772489
SNRPC	0.268387	0.131824	2.035954	0.04175496	0.999772489
ADAMDEC1	1.949154	0.957938	2.03474	0.04187702	NA
DNAJC14	0.6962	0.342795	2.030954	0.0422597	0.999772489
GNAI2	-0.334521	0.164735	-2.030655	0.04228998	0.999772489
C15orf39	0.684695	0.337259	2.030177	0.04233855	0.999772489
UBR1	-0.643617	0.317052	-2.030004	0.04235614	0.999772489
USP33	-0.459072	0.226178	-2.029697	0.04238731	0.999772489
CD6	-1.417473	0.69872	-2.028671	0.04249183	0.999772489
DOCK10	0.775624	0.382434	2.028123	0.04254768	0.999772489
SNAPC3	0.484227	0.239147	2.024813	0.04288654	0.999772489
GYPC	0.257542	0.12723	2.024222	0.0429473	0.999772489
FNDC3B	1.691811	0.835812	2.024153	0.04295438	0.999772489

<i>CLEC17A</i>	0.642398	0.317391	2.023999	0.04297029	0.999772489
<i>CARF</i>	0.427179	0.211128	2.023318	0.04304042	0.999772489
<i>FUS</i>	0.164701	0.081489	2.021156	0.04326359	0.999772489
<i>TMEM191C</i>	-0.877435	0.434286	-2.020408	0.04334112	0.999772489
<i>PPP4R3B</i>	-0.423074	0.209504	-2.019411	0.04344449	0.999772489
<i>ENSG00000259888</i>	1.020969	0.505797	2.018535	0.04353561	0.999772489
<i>LRP10</i>	0.262341	0.129973	2.018421	0.04354748	0.999772489
<i>BAG4</i>	-0.727055	0.360299	-2.017921	0.04359947	0.999772489
<i>PPIL2</i>	0.433998	0.215113	2.017532	0.04364	0.999772489
<i>DPH3</i>	-0.608129	0.301628	-2.016158	0.04378342	0.999772489
<i>AUH</i>	0.798718	0.396273	2.015574	0.04384454	0.999772489
<i>ENSG00000277654</i>	-0.563442	0.279661	-2.014733	0.04393267	0.999772489
<i>ENSG00000272426</i>	1.032424	0.512627	2.013988	0.04401079	0.999772489
<i>ASAH1</i>	0.616475	0.306112	2.013884	0.0440217	0.999772489
<i>FSTL3</i>	1.675215	0.831862	2.013814	0.04402908	NA
<i>DDHD2</i>	-0.719259	0.35726	-2.013264	0.04408691	0.999772489
<i>TMEM159</i>	-0.658787	0.327586	-2.011037	0.04432155	0.999772489
<i>NAV1</i>	1.719273	0.855077	2.010664	0.044361	NA
<i>TMEM183A</i>	-0.342784	0.170806	-2.006857	0.04476493	0.999772489
<i>CRX</i>	1.490059	0.74305	2.005327	0.04492806	0.999772489
<i>ATP1A1</i>	-0.491997	0.24552	-2.003895	0.04508128	0.999772489
<i>RNF168</i>	-0.505578	0.252546	-2.00192	0.04529329	0.999772489
<i>CNIH3</i>	1.994585	0.996507	2.001577	0.04533027	NA
<i>ST3GAL1</i>	0.636345	0.317936	2.001488	0.04533984	0.999772489
<i>MTPN</i>	0.369384	0.184562	2.001402	0.04534906	0.999772489
<i>EXPH5</i>	1.591366	0.795237	2.001122	0.04537926	NA
<i>HHEX</i>	-0.250948	0.125405	-2.001104	0.04538122	0.999772489
<i>MAMSTR</i>	1.195692	0.597543	2.001014	0.04539093	0.999772489
<i>NT5DC4</i>	1.488717	0.744033	2.000877	0.04540567	0.999772489
<i>ELAC1</i>	0.958154	0.47894	2.000573	0.04543838	0.999772489
<i>GPR18</i>	0.908561	0.454397	1.999486	0.04555579	0.999772489
<i>FUT7</i>	1.691499	0.847363	1.996191	0.04591311	0.999772489
<i>IQSEC1</i>	-0.366413	0.183572	-1.996017	0.04593206	0.999772489
<i>CTSB</i>	0.426884	0.214029	1.994515	0.04609578	0.999772489
<i>NKG7</i>	2.138781	1.072642	1.993936	0.04615901	NA
<i>RGS1</i>	-1.130538	0.567219	-1.993123	0.04624799	0.999772489
<i>IL10RA</i>	-0.286933	0.144042	-1.992002	0.0463708	0.999772489
<i>ZNF625</i>	1.307075	0.656551	1.990822	0.04650051	0.999772489
<i>ICA1</i>	2.719174	1.365999	1.990612	0.04652353	NA
<i>BBX</i>	0.223993	0.112526	1.990589	0.0465261	0.999772489
<i>RNPC3</i>	-0.532703	0.267807	-1.989134	0.04668647	0.999772489
<i>DICER1.AS1</i>	-1.024646	0.515221	-1.988751	0.04672875	0.999772489
<i>CCDC154</i>	1.108468	0.558124	1.986061	0.04702652	0.999772489
<i>FXYS5</i>	-0.18918	0.095317	-1.984747	0.04717259	0.999772489
<i>LPCAT4</i>	-0.585074	0.295365	-1.980852	0.04760791	0.999772489
<i>ENSG00000276529</i>	1.870662	0.944649	1.980272	0.04767294	NA
<i>TUT1</i>	0.597483	0.301859	1.979342	0.04777749	0.999772489

<i>PDS5B</i>	-0.55419	0.279998	-1.979259	0.04778681	0.999772489
<i>APOL3</i>	0.535771	0.270764	1.978739	0.04784544	0.999772489
<i>PRKCA</i>	1.888652	0.955559	1.976489	0.04809944	0.999772489
<i>C5orf17</i>	1.922096	0.972634	1.976177	0.04813473	NA
<i>TBCK</i>	0.695505	0.352178	1.974867	0.0482833	0.999772489
<i>CFAP410</i>	-0.451586	0.228701	-1.974571	0.0483169	0.999772489
<i>HOXB4</i>	2.225393	1.127955	1.972945	0.04850184	NA
<i>ENSG00000268746</i>	1.563986	0.792997	1.972247	0.04858143	NA
<i>ARL13B</i>	-0.981203	0.497527	-1.972161	0.04859128	0.999772489
<i>WDFY4</i>	-0.416112	0.211009	-1.972014	0.04860804	0.999772489
<i>DERL3</i>	0.341003	0.173086	1.970138	0.04882253	0.999772489
<i>TFE3</i>	-0.921791	0.467906	-1.970037	0.04883415	0.999772489
<i>ZNF239</i>	1.265711	0.642647	1.969528	0.04889253	0.999772489
<i>WDR82</i>	-0.51432	0.261256	-1.96864	0.04899445	0.999772489
<i>ENSG00000226853</i>	1.913425	0.972052	1.968439	0.04901755	0.999772489
<i>GFI1</i>	2.728829	1.386615	1.967979	0.04907045	NA
<i>PACS1</i>	0.315455	0.160352	1.967269	0.04915226	0.999772489
<i>SGMS1</i>	0.599913	0.305164	1.965873	0.04931326	0.999772489
<i>IRF2BPL</i>	0.76387	0.388639	1.965499	0.04935651	0.999772489

<b>Cluster 9</b>	<b>log2FC</b>	<b>lfcSE</b>	<b>stat</b>	<b>pvalue</b>	<b>padj</b>
<i>VPREB3</i>	4.20113	0.146171	28.741187	< 2.22e-16	< 2.22e-16
<i>DENND6B</i>	3.54218	0.202611	17.48262	< 2.22e-16	< 2.22e-16
<i>P2RX5</i>	2.231763	0.156485	14.261856	< 2.22e-16	< 2.22e-16
<i>PLAAT4</i>	2.687207	0.212616	12.638769	< 2.22e-16	< 2.22e-16
<i>NRIP1</i>	2.476226	0.205137	12.071079	< 2.22e-16	< 2.22e-16
<i>SMAD3</i>	1.179846	0.105888	11.142385	< 2.22e-16	< 2.22e-16
<i>GRN</i>	1.738068	0.156749	11.088247	< 2.22e-16	< 2.22e-16
<i>SEPTIN9</i>	0.950286	0.086125	11.033804	< 2.22e-16	< 2.22e-16
<i>CD38</i>	5.158908	0.489618	10.536598	< 2.22e-16	< 2.22e-16
<i>ASB2</i>	5.324524	0.533794	9.974866	< 2.22e-16	< 2.22e-16
<i>CD1D</i>	5.652924	0.580968	9.73018	< 2.22e-16	< 2.22e-16
<i>SLC5A3</i>	1.169983	0.127025	9.210632	< 2.22e-16	< 2.22e-16
<i>DUS2</i>	1.759822	0.197357	8.916956	< 2.22e-16	4.47E-16
<i>RABGAP1L</i>	1.626291	0.18776	8.661538	< 2.22e-16	4.03E-15
<i>SLC2A5</i>	3.241203	0.383694	8.44736	< 2.22e-16	2.41E-14
<i>C12orf65</i>	0.630741	0.075564	8.34708	< 2.22e-16	5.31E-14
<i>RNF207</i>	2.286963	0.308639	7.409839	1.26E-13	9.02E-11
<i>DPEP2</i>	1.587585	0.214795	7.39115	1.46E-13	9.81E-11
<i>SLC12A4</i>	2.092936	0.284384	7.359548	1.85E-13	1.18E-10
<i>RARA.AS1</i>	1.879972	0.263497	7.134706	9.70E-13	5.88E-10
<i>FCRL2</i>	1.518003	0.215055	7.058685	1.68E-12	9.71E-10
<i>AHI1</i>	1.056846	0.152232	6.942351	3.86E-12	2.13E-09
<i>TRABD</i>	0.663898	0.096121	6.906897	4.95E-12	2.61E-09
<i>CD72</i>	1.181273	0.171517	6.887213	5.69E-12	2.88E-09
<i>HIC1</i>	2.759468	0.401388	6.874821	6.21E-12	3.01E-09
<i>MRPS6</i>	0.801899	0.117638	6.816692	9.32E-12	4.35E-09
<i>IRF2BPL</i>	0.8984	0.138047	6.507929	7.62E-11	3.42E-08
<i>ENDOD1</i>	1.658461	0.259628	6.387848	1.68E-10	7.29E-08
<i>LHFPL2</i>	1.976063	0.310017	6.374044	1.84E-10	7.70E-08
<i>CHST15</i>	1.227661	0.193796	6.334821	2.38E-10	9.61E-08
<i>RHOBTB3</i>	2.453235	0.389877	6.292327	3.13E-10	1.22E-07
<i>CACYBP</i>	0.665342	0.107267	6.202664	5.55E-10	2.10E-07
<i>H3F3A</i>	0.462554	0.07744	5.973068	2.33E-09	8.56E-07
<i>CD1C</i>	2.263507	0.380394	5.95043	2.67E-09	9.54E-07
<i>VPREB1</i>	5.438502	0.926062	5.87272	4.29E-09	1.49E-06
<i>LGMN</i>	1.080394	0.185232	5.832655	5.46E-09	1.84E-06
<i>MPEG1</i>	1.740797	0.29928	5.816618	6.01E-09	1.97E-06
<i>CMTM7</i>	1.034133	0.179747	5.753288	8.75E-09	2.79E-06
<i>RARA</i>	0.539822	0.094112	5.735985	9.69E-09	3.02E-06
<i>GGA2</i>	0.801396	0.141481	5.664343	1.48E-08	4.48E-06
<i>ABCB1</i>	1.309048	0.232136	5.639153	1.71E-08	5.06E-06
<i>LCAT</i>	2.29004	0.412196	5.555705	2.76E-08	7.99E-06
<i>ARL14EPL</i>	2.720228	0.498375	5.458194	4.81E-08	1.36E-05
<i>CXCR5</i>	0.824101	0.151141	5.452514	4.97E-08	1.37E-05
<i>IRAK2</i>	0.78859	0.145333	5.426107	5.76E-08	1.55E-05
<i>UBTF</i>	0.721285	0.13304	5.421544	5.91E-08	1.55E-05

<i>PISD</i>	0.904754	0.166969	5.418697	6.00E-08	1.55E-05
<i>PNOC</i>	1.380602	0.256369	5.385214	7.24E-08	1.83E-05
<i>BTBD7</i>	0.58572	0.108967	5.375218	7.65E-08	1.89E-05
<i>MS4A1</i>	-0.654199	0.123925	-5.279002	1.30E-07	3.15E-05
<i>FAM3C</i>	0.486109	0.093176	5.217091	1.82E-07	4.32E-05
<i>P2RX5.TAX1BP3</i>	1.831872	0.357196	5.128484	2.92E-07	6.81E-05
<i>XYLT1</i>	1.205116	0.236275	5.100479	3.39E-07	7.76E-05
<i>ZNF563</i>	1.067412	0.214961	4.965617	6.85E-07	0.000153859
<i>OTUD7A</i>	2.807564	0.567778	4.944823	7.62E-07	0.000168112
<i>AGPAT5</i>	0.506045	0.102484	4.937787	7.90E-07	0.000171178
<i>PTK2B</i>	0.591349	0.12018	4.920522	8.63E-07	0.000183712
<i>JCHAIN</i>	2.119812	0.431713	4.910235	9.10E-07	0.000190278
<i>SIGIRR</i>	0.914882	0.186715	4.899873	9.59E-07	0.000197194
<i>ZNF3</i>	0.648306	0.132424	4.895699	9.80E-07	0.000198069
<i>ACP5</i>	0.917231	0.189588	4.838025	1.31E-06	0.000260809
<i>CLCN3</i>	0.603025	0.125188	4.816959	1.46E-06	0.000285224
<i>AGO1</i>	0.67097	0.139394	4.813474	1.48E-06	0.000285639
<i>APOL3</i>	0.904677	0.188653	4.795468	1.62E-06	0.000307651
<i>KANSL3</i>	0.895359	0.187264	4.781266	1.74E-06	0.000325128
<i>MAP3K1</i>	0.716176	0.152102	4.708522	2.50E-06	0.000458663
<i>ZFP36L1</i>	-0.408682	0.086978	-4.698681	2.62E-06	0.000474139
<i>RRBP1</i>	0.819423	0.175051	4.681064	2.85E-06	0.00050917
<i>IFI30</i>	0.811189	0.174764	4.64164	3.46E-06	0.000607752
<i>CLIC3</i>	2.510137	0.543473	4.618701	3.86E-06	0.000669254
<i>PLAAT3</i>	1.862902	0.404427	4.606277	4.10E-06	0.00070048
<i>TELO2</i>	0.75471	0.167351	4.509729	6.49E-06	0.001093741
<i>RESF1</i>	-0.28691	0.064008	-4.48238	7.38E-06	0.001226749
<i>RMDN2</i>	1.68112	0.375544	4.476498	7.59E-06	0.001243981
<i>TSPAN18</i>	3.069158	0.690164	4.446999	8.71E-06	0.001408575
<i>C15orf39</i>	0.651496	0.146794	4.438164	9.07E-06	0.001448331
<i>NFAT5</i>	0.606071	0.137091	4.420952	9.83E-06	0.001548283
<i>CD22</i>	0.782324	0.178897	4.37303	1.23E-05	0.001905876
<i>SLC43A2</i>	0.482786	0.111061	4.347033	1.38E-05	0.002119132
<i>NCF1</i>	0.624801	0.144051	4.337367	1.44E-05	0.002186785
<i>CTSZ</i>	0.512155	0.119335	4.291723	1.77E-05	0.002655435
<i>CR2</i>	1.792558	0.41954	4.272675	1.93E-05	0.002848992
<i>FAM117A</i>	0.763883	0.178869	4.270642	1.95E-05	0.002848992
<i>SDE2</i>	0.694657	0.165502	4.19726	2.70E-05	0.003901929
<i>SPTBN1</i>	0.648233	0.156394	4.144865	3.40E-05	0.004853003
<i>ENSG00000235609</i>	3.237231	0.785426	4.121623	3.76E-05	0.005307231
<i>GBP4</i>	0.750928	0.183967	4.081865	4.47E-05	0.006229945
<i>CHCHD10</i>	1.906597	0.468943	4.065737	4.79E-05	0.006601037
<i>SRSF8</i>	0.456606	0.112753	4.049621	5.13E-05	0.006993017
<i>SEC61B</i>	-0.244952	0.06066	-4.038096	5.39E-05	0.007263929
<i>SMIM3</i>	1.555549	0.385684	4.033223	5.50E-05	0.007334809
<i>RAB37</i>	1.577632	0.395995	3.983971	6.78E-05	0.008937229
<i>DBNL</i>	0.414232	0.104354	3.969495	7.20E-05	0.009372147

SLA	0.902515	0.227474	3.967546	7.26E-05	0.009372147
NDC1	0.912454	0.230741	3.954456	7.67E-05	0.009796153
CHST7	1.085951	0.277174	3.917936	8.93E-05	0.011286613
RDH10	1.568531	0.40321	3.890111	0.000100198	0.012532028
CNP	0.583369	0.150433	3.877946	0.000105342	0.013040904
IL1B	3.698407	0.95705	3.864384	0.000111137	0.013647899
CD99	-0.355767	0.093117	-3.820654	0.000133098	0.016147464
SLC25A39	0.359223	0.094684	3.793935	0.000148279	0.017811047
FCRL1	0.942339	0.248796	3.787591	0.000152115	0.018092729
ST3GAL1	0.65772	0.176646	3.723386	0.000196569	0.023153113
MFSD10	-0.293517	0.078918	-3.719283	0.000199789	0.023306166
JUNB	0.381981	0.103423	3.693401	0.000221275	0.025566738
ABI3	1.041609	0.283328	3.676339	0.000236605	0.027080127
CLCN7	0.525416	0.143422	3.663426	0.000248864	0.028216953
VHL	0.342618	0.094186	3.637666	0.00027512	0.030893198
NUBP1	0.422287	0.11616	3.63539	0.00027756	0.030893198
GPR146	-1.158499	0.319722	-3.62346	0.000290688	0.032060235
SH3BGRL3	-0.21544	0.059899	-3.59671	0.000322268	0.035223012
PALLD	2.841929	0.794161	3.578527	0.000345536	0.037428924
SREBF1	0.72351	0.20602	3.511844	0.00044501	0.047777512
RBM47	1.401788	0.400152	3.503136	0.000459815	0.048933977
CASP7	0.669455	0.192368	3.480069	0.000501284	0.052883264
PPCDC	0.629864	0.1825	3.451314	0.000557864	0.058344885
PXK	0.505045	0.146608	3.444869	0.000571337	0.059243246
ETFB	0.455694	0.13255	3.437914	0.000586214	0.059891008
RAB20	1.469759	0.427621	3.43706	0.000588064	0.059891008
HIPK2	0.624422	0.181778	3.435073	0.000592394	0.059891008
PUS1	0.516217	0.151158	3.415078	0.000637637	0.063932303
MAPKAPK2	0.536626	0.157936	3.397747	0.000679431	0.067564419
SPIB	0.469067	0.138279	3.39217	0.000693414	0.068394325
TFEB	0.447861	0.132327	3.384505	0.000713067	0.069765554
MCM5	0.386992	0.114863	3.369148	0.000754008	0.073180995
AP3S1	0.335713	0.099834	3.362702	0.000771836	0.074316801
FOXO3	0.608202	0.181538	3.350276	0.000807311	0.077120418
DENND6A	0.934039	0.279098	3.346629	0.000818005	0.07753151
PPFIBP2	0.658906	0.197748	3.332051	0.000862085	0.081076056
SLC5A5	2.896068	0.872124	3.320705	0.000897903	0.083795042
PHF21A	-0.505735	0.153249	-3.300084	0.00096656	0.089196777
DTX4	1.216386	0.36872	3.298945	0.000970489	0.089196777
CD180	0.976973	0.296647	3.293385	0.000989889	0.090295739
PPDPF	-0.288643	0.087948	-3.281964	0.001030866	0.093331856
DDX28	0.534401	0.163812	3.262271	0.001105236	0.098669751
TMEM41B	0.439924	0.134861	3.262052	0.00110609	0.098669751
PHKB	0.349303	0.107546	3.247935	0.001162459	0.102507983
CIB1	0.259249	0.079841	3.247065	0.001166016	0.102507983
SEPTIN2	0.248797	0.076949	3.233253	0.001223889	0.106821769
SLC45A3	0.77827	0.241284	3.225533	0.001257383	0.108961206



CTSA	0.434722	0.134921	3.222041	0.00127281	0.109515826
ENSG00000259436	-0.661649	0.205597	-3.218177	0.001290081	0.110220121
KCNH4	2.237763	0.698274	3.204708	0.001351996	0.114702223
SHQ1	0.611736	0.191329	3.197293	0.001387238	0.116874759
ST8SIA4	-0.35755	0.112244	-3.185475	0.001445164	0.120915335
SPOCK2	0.612804	0.192587	3.181953	0.001462857	0.121557365
PLXNB2	0.95683	0.301615	3.172355	0.001512081	0.124792955
GPR68	-1.412313	0.44553	-3.169966	0.001524568	0.124973346
ITGAE	0.367258	0.116549	3.151109	0.00162652	0.132435821
PPP1R18	0.427393	0.135836	3.14639	0.001652997	0.133694374
LAGE3	-0.252754	0.080733	-3.130744	0.00174364	0.140091654
MED18	0.673176	0.215723	3.120558	0.001805085	0.144074279
DTX1	1.332103	0.42734	3.117201	0.001825769	0.144772729
LZTFL1	0.543395	0.174798	3.108704	0.001879102	0.148034169
CLEC17A	0.627269	0.20225	3.101457	0.001925706	0.150726892
VRK2	-0.460374	0.150921	-3.050424	0.002285189	0.177717369
POU2AF1	0.362082	0.118944	3.044138	0.002333481	0.180317178
KLF3	0.521425	0.172625	3.020572	0.002522979	0.193726496
AKAP1	0.641226	0.214616	2.987789	0.002810038	0.214411197
GDPGP1	1.076511	0.360671	2.984744	0.002838155	0.21513566
PSAP	0.349393	0.117131	2.982934	0.002854998	0.21513566
FAM219B	-0.483377	0.16243	-2.975912	0.002921183	0.218764118
NFATC3	0.379651	0.127826	2.97006	0.002977414	0.221362851
MMP11	1.713663	0.577278	2.96852	0.002992376	0.221362851
BCL3	0.454619	0.154393	2.944546	0.003234286	0.2378082
EIF2AK4	-0.495479	0.168495	-2.940616	0.003275598	0.239394918
RASGEF1B	-0.467752	0.15919	-2.938332	0.003299832	0.23972194
AP1G2	-0.313637	0.106867	-2.934843	0.00333716	0.240990652
ZNF823	1.779579	0.608221	2.925875	0.00343489	0.246580419
CNR2	0.472462	0.161687	2.922079	0.003477032	0.248137356
ERG28	-0.264472	0.09072	-2.915248	0.003554061	0.252151266
HOXB3	2.533283	0.872236	2.904353	0.003680125	0.259577214
STK17A	0.368193	0.127312	2.892053	0.003827339	0.26840044
KCNN1	1.211575	0.420505	2.88124	0.003961136	0.276186785
ENSG00000268798	0.801229	0.278517	2.876772	0.004017664	0.278249627
EHD4	-0.369835	0.128625	-2.875288	0.004036592	0.278249627
BCAR3	0.667107	0.232202	2.872958	0.004066478	0.278726023
COBLL1	-0.383112	0.134109	-2.856713	0.004280528	0.291749256
LCK	0.90728	0.318297	2.850415	0.004366218	0.295927159
FSD1L	-0.524079	0.184191	-2.845302	0.004436937	0.299049575
BCDIN3D	0.401	0.142092	2.822112	0.004770844	0.319778346
FAM107B	0.245826	0.087164	2.820273	0.004798277	0.319849952
SLC38A1	-0.254028	0.090267	-2.814173	0.004890289	0.322752797
ZNF674.AS1	0.86935	0.308953	2.813862	0.004895031	0.322752797
TNK2	0.587259	0.209388	2.804646	0.005037182	0.330330252
GPX1	0.504874	0.18117	2.786748	0.005323984	0.347261137
KAT6A	0.295383	0.106191	2.781617	0.005408891	0.350912636

<i>C16orf54</i>	0.518489	0.187337	2.767687	0.005645569	0.364319365
<i>PAOX</i>	0.584958	0.211558	2.765005	0.005692192	0.36538452
<i>DNAJC7</i>	0.197254	0.071472	2.759873	0.005782386	0.369220573
<i>CERK</i>	0.787041	0.285649	2.755276	0.005864259	0.371318574
<i>ABCD3</i>	-0.68901	0.250131	-2.754596	0.005876456	0.371318574
<i>DDX24</i>	0.183126	0.066525	2.75273	0.005910069	0.37150754
<i>RINL</i>	0.386195	0.140442	2.749859	0.005962097	0.372846177
<i>AHNAK</i>	-0.781529	0.284793	-2.744198	0.006065889	0.377391619
<i>ENSG00000254802</i>	1.288778	0.470477	2.739301	0.006156997	0.381105565
<i>RREB1</i>	-0.418461	0.153038	-2.734363	0.006250105	0.384904972
<i>CBX1</i>	-0.237011	0.087292	-2.715164	0.006624305	0.405889222
<i>DNAH1</i>	1.223255	0.452037	2.706092	0.006808018	0.415049643
<i>SIPA1L1</i>	-0.302267	0.111842	-2.702621	0.006879523	0.417311839
<i>ENSG00000261766</i>	0.488254	0.18101	2.69738	0.006988752	0.421828559
<i>TNIP1</i>	0.261858	0.097422	2.687863	0.007191096	0.430358372
<i>GRK3</i>	0.289173	0.107603	2.687402	0.007201018	0.430358372
<i>NUP210</i>	0.413636	0.1544	2.678997	0.007384314	0.438943565
<i>EAF2</i>	0.441092	0.1648	2.676528	0.007438942	0.438943565
<i>ZCCHC7</i>	0.401552	0.150063	2.675885	0.007453213	0.438943565
<i>LY6E</i>	-0.499076	0.187412	-2.662992	0.007744936	0.45174774
<i>VKORC1</i>	-0.235663	0.08853	-2.661956	0.007768807	0.45174774
<i>STMP1</i>	-0.313196	0.117757	-2.659673	0.00782166	0.45174774
<i>PXDC1</i>	1.05569	0.397052	2.65882	0.007841496	0.45174774
<i>CPSF1</i>	-0.54655	0.205635	-2.657863	0.007863778	0.45174774
<i>ZNF318</i>	-0.56865	0.214054	-2.656568	0.007894042	0.45174774
<i>RAB8B</i>	-0.276925	0.104484	-2.650417	0.008039257	0.455456513
<i>BMP2K</i>	-0.413065	0.15585	-2.650394	0.008039806	0.455456513
<i>TSPO</i>	-0.339414	0.128194	-2.647664	0.008105014	0.455456513
<i>IDS</i>	-0.199415	0.075322	-2.647497	0.008109018	0.455456513
<i>MDM4</i>	-0.226061	0.085462	-2.645177	0.008164828	0.456477874
<i>TMEM65</i>	0.89225	0.338281	2.637602	0.008349449	0.464658324
<i>SLC25A11</i>	0.301582	0.114456	2.63492	0.008415705	0.465761572
<i>ENSG00000225489</i>	1.171301	0.444736	2.633698	0.008446056	0.465761572
<i>STK24</i>	0.335925	0.127945	2.62554	0.008651154	0.474811446
<i>GEN1</i>	-0.458882	0.174874	-2.624076	0.008688439	0.474811446
<i>C7orf50</i>	-0.416154	0.158894	-2.61906	0.008817248	0.479639548
<i>SEL1L3</i>	0.618972	0.236468	2.617569	0.008855857	0.479639548
<i>ALOX5</i>	0.308239	0.11789	2.614646	0.008931994	0.481613105
<i>HMG20B</i>	-0.290299	0.111253	-2.609352	0.009071375	0.486107425
<i>FCHO1</i>	0.63029	0.241634	2.608444	0.009095482	0.486107425
<i>TEX264</i>	0.303553	0.116581	2.603797	0.009219744	0.490587441
<i>S100A6</i>	-0.436979	0.168476	-2.59372	0.009494376	0.502994623
<i>RHOF</i>	-0.24054	0.09284	-2.590906	0.009572372	0.504921827
<i>SPRY1</i>	0.827068	0.319888	2.585494	0.009723968	0.510697761
<i>GAK</i>	0.337317	0.130728	2.580288	0.009871794	0.51622677
<i>SLCO5A1</i>	0.76666	0.297918	2.573393	0.010070681	0.524366971
<i>MACROD2</i>	-0.689297	0.269408	-2.558563	0.010510583	0.542978537

<i>GABARAPL1</i>	0.569782	0.22275	2.557943	0.010529323	0.542978537
<i>SIGLEC5</i>	1.173808	0.459083	2.556853	0.010562392	0.542978537
<i>FTL</i>	-0.246915	0.09664	-2.554998	0.010618849	0.543577528
<i>NLRC3</i>	0.822796	0.322748	2.549343	0.010792594	0.550150235
<i>SACS</i>	-0.506842	0.199004	-2.546895	0.010868622	0.551707635
<i>TBC1D8</i>	1.258568	0.494474	2.545269	0.010919366	0.551973944
<i>A4GALT</i>	0.997873	0.392906	2.539724	0.011094007	0.558437975
<i>PTOV1</i>	-0.547501	0.215696	-2.538298	0.01111393	0.558437975
<i>OXSR1</i>	-0.298102	0.11763	-2.534239	0.011269197	0.560376246
<i>MRPL41</i>	-0.208683	0.082389	-2.532913	0.011311893	0.560376246
<i>ZBED2</i>	-1.377891	0.544025	-2.53277	0.011316533	0.560376246
<i>KLF6</i>	-0.231376	0.091607	-2.525746	0.011545289	0.568264425
<i>C16orf74</i>	0.487421	0.193037	2.52501	0.011569511	0.568264425
<i>ATP13A2</i>	0.789933	0.31386	2.516836	0.011841398	0.577792002
<i>ZNF595</i>	1.052558	0.418293	2.51632	0.011858738	0.577792002
<i>NXT1</i>	0.211656	0.084194	2.513915	0.011939925	0.579420687
<i>MTSS1</i>	-0.376352	0.149906	-2.510598	0.012052693	0.582562844
<i>LMNA</i>	-0.523587	0.208868	-2.506783	0.012183532	0.583058892
<i>ENSG00000245869</i>	0.806325	0.321674	2.506654	0.012188006	0.583058892
<i>PDCD4</i>	0.45043	0.179733	2.506099	0.012207135	0.583058892
<i>VPS13A</i>	-0.330554	0.132243	-2.499598	0.012433427	0.58789538
<i>SLAIN2</i>	-0.271698	0.108701	-2.499511	0.012436481	0.58789538
<i>TBC1D9</i>	0.639017	0.255707	2.499019	0.012453768	0.58789538
<i>ENSG00000229539</i>	0.507374	0.203242	2.496407	0.012545855	0.589946969
<i>CDC42</i>	-0.169791	0.068101	-2.493223	0.012658926	0.592965605
<i>TRIB1</i>	1.036318	0.416037	2.490927	0.012741023	0.594515713
<i>ATF7IP2</i>	0.393143	0.157922	2.489483	0.012792887	0.594648696
<i>TRNAU1AP</i>	-0.244554	0.098321	-2.487307	0.01287143	0.595395116
<i>FDFT1</i>	0.261521	0.105195	2.486063	0.012916517	0.595395116
<i>R3HDM2</i>	0.406995	0.163783	2.484972	0.012956175	0.595395116
<i>ZNF816.ZNF321P</i>	-1.242906	0.50045	-2.483577	0.01300703	0.595476549
<i>ING2</i>	-0.499854	0.201497	-2.480696	0.01311262	0.598053764
<i>BMPR1A</i>	-1.823765	0.736099	-2.477609	0.013226613	0.600993536
<i>MIR34AHG</i>	-1.18223	0.477687	-2.474906	0.013327139	0.60330169
<i>HOMER2</i>	-0.667714	0.270034	-2.472705	0.013409476	0.604772359
<i>BMF</i>	-0.293442	0.119355	-2.458569	0.013949186	0.626783411
<i>FAM234B</i>	-1.070308	0.436502	-2.452011	0.014206044	0.635675796
<i>TBL1X</i>	-0.447283	0.182501	-2.450851	0.014251881	0.635675796
<i>SGSM3</i>	-0.327558	0.134169	-2.441385	0.01463104	0.650196988
<i>SMARCB1</i>	0.251275	0.103166	2.435626	0.014866048	0.654607402
<i>ACO2</i>	-0.256851	0.105468	-2.435338	0.014877888	0.654607402
<i>ISG15</i>	-0.463727	0.190443	-2.434991	0.014892157	0.654607402
<i>INKA2</i>	-0.569365	0.234563	-2.427342	0.015209891	0.663117811
<i>NEB</i>	-1.096033	0.451543	-2.427303	0.015211544	0.663117811
<i>PLEKHO2</i>	0.501758	0.206805	2.426231	0.01525654	0.663117811
<i>CASZ1</i>	-0.550307	0.227039	-2.423841	0.015357338	0.663117811
<i>C16orf72</i>	0.329925	0.136119	2.4238	0.015359059	0.663117811

<i>CEP76</i>	0.711725	0.293961	2.421159	0.015471097	0.665586365
<i>CHP1</i>	-0.291961	0.120659	-2.419721	0.015532423	0.665863444
<i>VT11B</i>	-0.219314	0.091011	-2.409751	0.015963401	0.677562301
<i>GTF2E2</i>	0.330975	0.137352	2.409694	0.015965903	0.677562301
<i>CEP350</i>	-0.251231	0.104265	-2.409535	0.015972867	0.677562301
<i>IGLV1.51</i>	-1.526973	0.634305	-2.407317	0.016070205	0.679316113
<i>GPBP1</i>	-0.198265	0.082474	-2.403973	0.016217979	0.683182376
<i>DDAH2</i>	-0.333348	0.138877	-2.400314	0.016381004	0.685537486
<i>EVI2B</i>	0.226859	0.094559	2.39911	0.016434967	0.685537486
<i>PLP2</i>	-0.265446	0.110652	-2.398922	0.016443407	0.685537486
<i>SERPINF1</i>	-1.085649	0.453415	-2.39438	0.016648498	0.68963614
<i>DNAJB11</i>	0.226518	0.09461	2.394228	0.016655406	0.68963614
<i>NRM</i>	0.58774	0.246029	2.38891	0.016898444	0.695571284
<i>PDP1</i>	-0.566674	0.237243	-2.388585	0.016913413	0.695571284
<i>UBXN2B</i>	-0.37886	0.15872	-2.386977	0.016987552	0.696260056
<i>DPM3</i>	-0.289425	0.12167	-2.378776	0.017370227	0.70954744
<i>MNT</i>	0.447382	0.18847	2.373761	0.017607937	0.716843943
<i>LMF2</i>	-0.292591	0.123357	-2.371912	0.017696287	0.718031275
<i>APOL1</i>	0.648272	0.274187	2.364342	0.018062147	0.728893056
<i>LSP1</i>	0.320595	0.135622	2.363891	0.018084142	0.728893056
<i>STK4</i>	-0.137928	0.058528	-2.356628	0.018441733	0.740403269
<i>CD63</i>	-0.261132	0.110909	-2.354469	0.018549206	0.740403269
<i>SLC9A7</i>	0.354285	0.150478	2.354397	0.018552802	0.740403269
<i>TMED2</i>	-0.150194	0.063851	-2.352259	0.018659779	0.742230951
<i>TMSB10</i>	-0.244753	0.104212	-2.348616	0.018843349	0.744793898
<i>POU2F2</i>	-0.209001	0.088992	-2.348544	0.018846994	0.744793898
<i>RUNX2</i>	1.708259	0.730051	2.339919	0.01928794	0.75974443
<i>MCL1</i>	0.226048	0.096677	2.338177	0.019378065	0.760824214
<i>JUN</i>	0.333653	0.142909	2.33472	0.019558042	0.765309716
<i>SNX11</i>	-0.22347	0.095877	-2.330789	0.01976449	0.765309716
<i>CD79B</i>	0.356772	0.15311	2.330166	0.019797383	0.765309716
<i>SEC22C</i>	-0.309347	0.132816	-2.329143	0.019851511	0.765309716
<i>MCM2</i>	0.825798	0.354558	2.329093	0.019854125	0.765309716
<i>GPD1L</i>	-1.64327	0.705636	-2.328779	0.019870801	0.765309716
<i>RGS9</i>	-0.826129	0.355601	-2.323189	0.020169014	0.770383624
<i>ENSG00000273188</i>	1.066013	0.458901	2.322971	0.02018072	0.770383624
<i>CHTF18</i>	-0.854574	0.367916	-2.322742	0.020193043	0.770383624
<i>SMARCA4</i>	0.369394	0.159288	2.319038	0.020392995	0.772851463
<i>ENSG00000272369</i>	-1.099261	0.474096	-2.318648	0.020414119	0.772851463
<i>FAM161A</i>	-0.618216	0.266701	-2.318009	0.020448839	0.772851463
<i>MIR181A2HG</i>	1.400356	0.60478	2.31548	0.020586657	0.775643844
<i>TRAPPC1</i>	-0.157026	0.067879	-2.313308	0.020705702	0.776578264
<i>KLF13</i>	0.278118	0.120257	2.312694	0.020739479	0.776578264
<i>ZFYVE21</i>	-0.422378	0.18273	-2.311491	0.020805747	0.776662537
<i>MREG</i>	-0.484657	0.210222	-2.305456	0.021141065	0.786758888
<i>SNX18</i>	0.778032	0.338597	2.297809	0.021572661	0.798171103
<i>ZNF785</i>	0.511166	0.222475	2.297628	0.021582994	0.798171103

<i>BTG2</i>	-0.341531	0.148718	-2.296503	0.021647164	0.798171103
<i>SYNPO</i>	-1.816192	0.791235	-2.295388	0.021710886	0.798171103
<i>VMP1</i>	-0.198915	0.086737	-2.293306	0.021830405	0.800140385
<i>DNAJB12</i>	0.227664	0.099478	2.288588	0.022103298	0.807702445
<i>UAP1L1</i>	-0.956752	0.418809	-2.284458	0.022344604	0.812757999
<i>ENSG00000253535</i>	0.793871	0.34759	2.28393	0.022375632	0.812757999
<i>MPHOSPH9</i>	0.386918	0.169777	2.278981	0.022668173	0.82092621
<i>AP1S1</i>	-0.331907	0.146376	-2.267495	0.023360025	0.843463768
<i>HDLBP</i>	0.276333	0.121956	2.265849	0.02346064	0.844583041
<i>KMT2E</i>	-0.192905	0.085197	-2.264219	0.023560671	0.845674743
<i>PAXX</i>	0.357643	0.158229	2.260289	0.023803337	0.851864566
<i>PKD1</i>	0.495828	0.21971	2.256742	0.024024221	0.852764869
<i>EXOC8</i>	0.59023	0.261589	2.256326	0.024050243	0.852764869
<i>PIGH</i>	0.305861	0.135577	2.255992	0.024071162	0.852764869
<i>CNR1</i>	1.018237	0.45169	2.254282	0.024178429	0.852764869
<i>MON2</i>	-0.419408	0.186052	-2.254258	0.024179947	0.852764869
<i>TGFB1</i>	0.227257	0.100997	2.250134	0.024440461	0.859032694
<i>TMEM14A</i>	-0.760144	0.338017	-2.248832	0.024523178	0.859032694
<i>FCMR</i>	0.514988	0.229101	2.24787	0.024584511	0.859032694
<i>CABLES1</i>	-0.886468	0.394514	-2.246986	0.024640898	0.859032694
<i>TRIM72</i>	1.958977	0.873209	2.243423	0.024869576	0.860755606
<i>PRDX4</i>	-0.279723	0.124746	-2.242335	0.024939706	0.860755606
<i>FXYP7</i>	-0.802554	0.358515	-2.238548	0.025185317	0.860755606
<i>RPA2</i>	0.163575	0.073073	2.238525	0.025186816	0.860755606
<i>RAB30</i>	0.288258	0.128777	2.238432	0.025192908	0.860755606
<i>PTGER4</i>	-0.553118	0.247163	-2.237864	0.025229928	0.860755606
<i>CAND1</i>	-0.217975	0.097404	-2.237857	0.025230381	0.860755606
<i>PTMS</i>	-0.720704	0.32215	-2.237172	0.025275132	0.860755606
<i>TMOD2</i>	-0.401922	0.179722	-2.23635	0.025328862	0.860755606
<i>ABCY4</i>	0.513057	0.229639	2.234191	0.02547051	0.863151483
<i>LILRA4</i>	2.526109	1.131762	2.232015	0.025613999	0.865596217
<i>ENSG00000260278</i>	-0.866375	0.388819	-2.228224	0.025865579	0.869392884
<i>DDIT4</i>	0.398482	0.178952	2.226756	0.025963588	0.869392884
<i>SLC12A6</i>	0.279361	0.125473	2.226462	0.025983227	0.869392884
<i>CBX4</i>	0.801718	0.360158	2.226018	0.026012992	0.869392884
<i>ENSG00000283013</i>	0.413042	0.185729	2.223902	0.026155018	0.871379851
<i>HIST1H2BD</i>	0.361774	0.162742	2.222996	0.026216093	0.871379851
<i>ENSG00000263394</i>	0.881291	0.396764	2.221197	0.02633763	0.872813537
<i>NDUFB6</i>	0.197964	0.089164	2.220231	0.026403113	0.872813537
<i>COPS6</i>	0.167202	0.075369	2.218444	0.026524545	0.874445048
<i>SUMO1</i>	-0.121373	0.054798	-2.214927	0.026765089	0.879983899
<i>PARP14</i>	-0.235849	0.106612	-2.21221	0.026952177	0.882041009
<i>PRKAG2</i>	-0.355225	0.160685	-2.210696	0.027056907	0.882041009
<i>TIPARP</i>	-0.275902	0.124804	-2.210676	0.027058294	0.882041009
<i>BRAT1</i>	0.481258	0.217846	2.209162	0.0271634	0.882041009
<i>EXOSC5</i>	0.361271	0.163563	2.208762	0.027191175	0.882041009
<i>CCDC154</i>	0.957213	0.43368	2.207186	0.02730108	0.883244528

<i>TRIM25</i>	0.524036	0.238207	2.199919	0.027812645	0.89740163
<i>CFP</i>	-1.937156	0.881814	-2.196785	0.028035808	NA
<i>ETFRF1</i>	0.352526	0.160722	2.193395	0.028278934	0.910026586
<i>ATXN10</i>	0.291349	0.133053	2.189724	0.028544232	0.915294521
<i>PSMD4</i>	0.170411	0.077847	2.189046	0.028593523	0.915294521
<i>CCAR1</i>	0.201262	0.092084	2.185635	0.028842314	0.920828838
<i>CCDC88B</i>	0.257207	0.117841	2.182658	0.029060989	0.925375129
<i>TLR10</i>	-0.417036	0.191459	-2.178197	0.029391405	0.927971908
<i>C16orf70</i>	-0.560186	0.257268	-2.177441	0.029447706	0.927971908
<i>ASH1L</i>	-0.195403	0.089805	-2.175868	0.029565131	0.927971908
<i>EWSR1</i>	0.269711	0.123963	2.175731	0.029575349	0.927971908
<i>IQGAP1</i>	-0.183179	0.0842	-2.175526	0.029590722	0.927971908
<i>PTCD3</i>	0.234193	0.107656	2.175382	0.029601478	0.927971908
<i>FLNA</i>	-0.274315	0.12631	-2.171762	0.029873654	0.934090648
<i>ADAM28</i>	0.369721	0.170393	2.169809	0.030021348	0.9362956
<i>DPEP3</i>	2.101063	0.970733	2.164408	0.030433041	NA
<i>EML2</i>	0.321961	0.148845	2.163057	0.030536827	0.947957041
<i>STIM2</i>	-0.406045	0.187735	-2.162865	0.030551533	0.947957041
<i>ENSG00000273472</i>	0.631832	0.292379	2.161003	0.030695111	0.949011588
<i>MYH3</i>	0.757245	0.350727	2.15907	0.030844756	0.949011588
<i>RRP36</i>	0.355662	0.164778	2.158424	0.030894863	0.949011588
<i>ENSG00000267169</i>	-0.841932	0.390078	-2.158367	0.030899326	0.949011588
<i>OTUD4</i>	0.330881	0.153372	2.157373	0.030976639	0.949011588
<i>PPP1R3D</i>	-1.286487	0.596742	-2.155851	0.031095307	0.950247526
<i>ENSG00000278376</i>	0.604691	0.280961	2.152224	0.031379751	0.95646903
<i>FRY.AS1</i>	-1.43633	0.667944	-2.150375	0.031525547	0.95646903
<i>MEI1</i>	-0.577974	0.269053	-2.148179	0.031699504	0.95646903
<i>CR1</i>	1.584478	0.737789	2.147602	0.03174536	0.95646903
<i>LINC00158</i>	-0.383807	0.178848	-2.14599	0.031873783	0.95646903
<i>PRKCE</i>	0.356817	0.166317	2.145396	0.031921167	0.95646903
<i>CFL1</i>	-0.122644	0.057192	-2.144431	0.031998356	0.95646903
<i>ARHGEF1</i>	0.306842	0.143118	2.14398	0.032034498	0.95646903
<i>ZNF33B</i>	-0.347691	0.162175	-2.143927	0.032038771	0.95646903
<i>C1orf50</i>	-0.25756	0.120187	-2.142998	0.032113282	0.95646903
<i>NSMAF</i>	-0.52765	0.24636	-2.141781	0.032211075	0.95646903
<i>PRMT2</i>	-0.21615	0.100941	-2.141361	0.032244958	0.95646903
<i>ATAD2</i>	0.425762	0.198925	2.140316	0.032329277	0.956631184
<i>ENSG00000231609</i>	1.125003	0.526527	2.136648	0.032626599	0.962364926
<i>ARL5A</i>	-0.176546	0.082654	-2.135972	0.032681697	0.962364926
<i>ENSG00000269482</i>	1.917492	0.897982	2.135336	0.032733576	NA
<i>UTP14C</i>	0.513652	0.240882	2.132377	0.032975876	0.967049198
<i>DDX10</i>	0.345972	0.162336	2.131205	0.033072273	0.967049198
<i>ASCC1</i>	0.26807	0.125789	2.131112	0.033079906	0.967049198
<i>PTTG1</i>	-0.395231	0.185947	-2.125502	0.033544774	0.976213555
<i>ATP8A1</i>	0.417149	0.19627	2.125387	0.033554323	0.976213555
<i>ZDHHC14</i>	-0.480173	0.226034	-2.124338	0.033641896	0.976419821
<i>ARID5B</i>	-0.3847	0.181216	-2.122881	0.033763802	0.976997922

<i>TPM3</i>	-0.198951	0.093749	-2.122177	0.033822876	0.976997922
<i>ENSG00000272843</i>	-1.237232	0.583329	-2.120987	0.033922862	0.977025966
<i>WDR82</i>	0.225246	0.106235	2.120251	0.033984912	0.977025966
<i>CPNE5</i>	0.547758	0.258611	2.118079	0.034168393	0.977909547
<i>TSC22D1</i>	-0.82205	0.388129	-2.117979	0.034176859	0.977909547
<i>GTF3A</i>	0.163562	0.077269	2.116776	0.034278833	0.978519533
<i>SMAP2</i>	-0.202093	0.095564	-2.114727	0.034453263	0.981165578
<i>KDM4B</i>	0.269013	0.127266	2.113789	0.034533276	0.981165578
<i>LAMTOR2</i>	-0.26465	0.125283	-2.112421	0.034650341	0.982191437
<i>TMEM219</i>	-0.220309	0.10439	-2.11044	0.034820509	0.984714265
<i>SH2B3</i>	0.322157	0.152824	2.108022	0.035029128	0.988310195
<i>POLR2M</i>	-0.224511	0.106788	-2.102387	0.035519384	0.996406127
<i>SLC17A9</i>	0.689978	0.328274	2.101836	0.035567658	0.996406127
<i>UNC79</i>	1.692767	0.805582	2.101298	0.035614772	0.996406127
<i>MSL3</i>	-0.194983	0.092807	-2.100959	0.035644598	0.996406127
<i>SUSD6</i>	-0.27581	0.131461	-2.098041	0.035901521	0.999017259
<i>ADO</i>	-0.458017	0.218346	-2.097665	0.035934727	0.999017259
<i>TANGO6</i>	0.60547	0.288718	2.097096	0.035985043	0.999017259
<i>ENSG00000259820</i>	1.379818	0.658365	2.095825	0.036097742	0.999195731
<i>ENSG00000281325</i>	-0.426657	0.203689	-2.094648	0.036202284	0.999195731
<i>AHCYL1</i>	0.248652	0.118731	2.094241	0.036238553	0.999195731
<i>DMD</i>	-0.547915	0.26177	-2.093115	0.036338869	0.999689715
<i>RHOC</i>	-0.371945	0.177825	-2.091627	0.03647187	0.99991192
<i>DSEL</i>	-1.068615	0.5117	-2.088362	0.036765209	0.99991192
<i>ZBTB20</i>	0.374929	0.179592	2.087674	0.03682729	0.99991192
<i>ZNF506</i>	0.316728	0.151849	2.085802	0.036996537	0.99991192
<i>SAMD1</i>	-0.486099	0.233231	-2.084197	0.037142207	0.99991192
<i>MEF2A</i>	0.267289	0.128406	2.081598	0.037379201	0.99991192
<i>ENSG00000272716</i>	0.784418	0.377061	2.080349	0.037493533	0.99991192
<i>SYVN1</i>	0.313478	0.15076	2.079312	0.037588724	0.99991192
<i>ENSG00000258623</i>	-0.762831	0.367216	-2.077337	0.037770423	0.99991192
<i>WDR74</i>	0.396508	0.191552	2.069978	0.038454428	0.99991192
<i>PIK3CD</i>	0.273955	0.132577	2.066395	0.038791186	0.99991192
<i>TBL1XR1</i>	-0.217817	0.10552	-2.064221	0.038996749	0.99991192
<i>MAD2L2</i>	-0.294441	0.142657	-2.063974	0.039020134	0.99991192
<i>ENSG00000089127</i>	0.644411	0.312434	2.062552	0.039155186	0.99991192
<i>DIAPH1</i>	-0.287393	0.139466	-2.060669	0.03933459	0.99991192
<i>MAP1S</i>	0.362201	0.175798	2.060329	0.039367058	0.99991192
<i>STX2</i>	-0.443047	0.215134	-2.059401	0.039455836	0.99991192
<i>TMEM191C</i>	0.763947	0.371555	2.056079	0.03977492	0.99991192
<i>COX11</i>	-0.280081	0.136224	-2.056023	0.039780333	0.99991192
<i>KCP</i>	1.458795	0.710298	2.053779	0.039997092	0.99991192
<i>RASGRP1</i>	-0.421474	0.205242	-2.053549	0.040019393	0.99991192
<i>SMC6</i>	-0.189885	0.092557	-2.051546	0.040213851	0.99991192
<i>SAMD4A</i>	-0.843929	0.411679	-2.049967	0.040367658	0.99991192
<i>SNURF</i>	0.841268	0.410567	2.049041	0.040458143	0.99991192
<i>TAF1B</i>	-0.469439	0.22925	-2.047715	0.040587921	0.99991192

<i>RBM38</i>	0.249444	0.121892	2.046432	0.040713935	0.99991192
<i>UTP3</i>	0.235624	0.11517	2.045891	0.040767126	0.99991192
<i>ZBTB39</i>	0.703835	0.344307	2.044207	0.040933055	0.99991192
<i>ATP2B1</i>	-0.216847	0.106117	-2.043479	0.04100504	0.99991192
<i>MIR181A1HG</i>	0.468269	0.229174	2.043289	0.041023823	0.99991192
<i>ELP4</i>	0.439182	0.214984	2.04286	0.041066348	0.99991192
<i>NEDD8</i>	-0.115112	0.056349	-2.042825	0.041069732	0.99991192
<i>AP3B1</i>	0.432062	0.211645	2.041447	0.041206451	0.99991192
<i>IFIT5</i>	-0.458412	0.224626	-2.040782	0.04127253	0.99991192
<i>TNFRSF13B</i>	-0.818944	0.401396	-2.04024	0.041326425	0.99991192
<i>BHLHE40</i>	0.315968	0.154937	2.039329	0.04141718	0.99991192
<i>FADS3</i>	-0.332959	0.163289	-2.039078	0.041442291	0.99991192
<i>MICOS10</i>	0.123313	0.060509	2.037929	0.041557017	0.99991192
<i>CD79A</i>	0.319856	0.157203	2.034663	0.041884778	0.99991192
<i>MAP3K2</i>	-0.276981	0.136294	-2.032231	0.042130298	0.99991192
<i>CTSB</i>	0.273868	0.134807	2.031565	0.042197735	0.99991192
<i>SAT2</i>	-0.211369	0.104099	-2.030471	0.042308732	0.99991192
<i>VIRMA</i>	0.279086	0.137517	2.029463	0.04241118	0.99991192
<i>CPEB4</i>	0.490584	0.241843	2.02852	0.04250716	0.99991192
<i>UBE2D4</i>	-0.331477	0.163522	-2.027109	0.042651299	0.99991192
<i>BNIP3</i>	-0.254064	0.125379	-2.026368	0.042727134	0.99991192
<i>NOP14.AS1</i>	-0.692084	0.341706	-2.025375	0.042828859	0.99991192
<i>TOE1</i>	0.235814	0.116432	2.025337	0.042832799	0.99991192
<i>CELF4</i>	-1.827377	0.902975	-2.02373	0.042997961	NA
<i>STRN</i>	0.39695	0.196428	2.02084	0.043296363	0.99991192
<i>TRBC2</i>	-0.183245	0.090692	-2.020529	0.04332859	0.99991192
<i>TGFBR2</i>	-0.227654	0.112739	-2.019297	0.043456389	0.99991192
<i>WARS</i>	0.604007	0.299503	2.016697	0.043727171	0.99991192
<i>CCL2</i>	2.498478	1.239449	2.015797	NA	NA
<i>RAB13</i>	-0.436097	0.216417	-2.01508	0.043896276	0.99991192
<i>IGFLR1</i>	-0.374876	0.18644	-2.010701	0.044357056	0.99991192
<i>FADS2</i>	1.173248	0.583803	2.009666	0.044466499	0.99991192
<i>IDE</i>	-0.573144	0.285269	-2.009133	0.04452308	0.99991192
<i>ADRB2</i>	-0.827001	0.412324	-2.005708	0.044887439	0.99991192
<i>MYADM</i>	0.363771	0.181446	2.004837	0.044980466	0.99991192
<i>CCT8</i>	0.204432	0.102013	2.003982	0.045071955	0.99991192
<i>LGALS1</i>	-0.456311	0.22777	-2.003384	0.045136115	0.99991192
<i>ATP6V1E1</i>	0.242241	0.121023	2.001615	0.045326185	0.99991192
<i>NMT2</i>	-0.43517	0.217417	-2.001542	0.045334022	0.99991192
<i>RPS6KB2</i>	-0.170357	0.085328	-1.996498	0.045879786	0.99991192
<i>SIK3</i>	0.40949	0.205405	1.993577	0.046198304	0.99991192
<i>RPP25L</i>	0.255634	0.128242	1.993364	0.04622162	0.99991192
<i>TAF9B</i>	-0.359349	0.180381	-1.992172	0.046352191	0.99991192
<i>EGLN2</i>	-0.175615	0.088173	-1.991719	0.046401945	0.99991192
<i>UTP23</i>	0.254434	0.127748	1.991687	0.046405394	0.99991192
<i>CTNND1</i>	-0.41456	0.208315	-1.990065	0.046583819	0.99991192
<i>SOGA1</i>	-0.649921	0.326914	-1.988047	0.046806438	0.99991192



<i>TP53I3</i>	-0.908808	0.457373	-1.987017	0.046920519	0.99991192
<i>GPR180</i>	-0.693306	0.349462	-1.983924	0.047264299	0.99991192
<i>SHISAL2A</i>	0.356614	0.179791	1.983496	0.047312002	0.99991192
<i>ENSG00000226571</i>	-0.640096	0.323103	-1.981089	0.04758124	0.99991192
<i>GPS2</i>	-0.284471	0.143633	-1.980546	0.047642239	0.99991192
<i>L1CAM</i>	-0.628572	0.317603	-1.979112	0.047803394	0.99991192
<i>ATG13</i>	0.236143	0.119585	1.974683	0.048304112	0.99991192
<i>CARHSP1</i>	0.201049	0.101907	1.972861	0.048511379	0.99991192
<i>SNAPIN</i>	-0.22874	0.115969	-1.972426	0.048560953	0.99991192
<i>CCNT2</i>	-0.261792	0.132774	-1.971713	0.048642336	0.99991192
<i>NRP2</i>	-0.400248	0.203137	-1.970332	0.048800303	0.99991192
<i>SPACA9</i>	-0.768868	0.390329	-1.969797	0.048861677	0.99991192
<i>EPHB6</i>	-0.396249	0.201247	-1.96897	0.0489565	0.99991192
<i>PFN1</i>	-0.158729	0.080667	-1.967709	0.04910158	0.99991192
<i>MEN1</i>	-0.335494	0.17058	-1.96678	0.049208552	0.99991192
<i>VPS37C</i>	-0.476902	0.24257	-1.966036	0.049294426	0.99991192
<i>TPRA1</i>	0.375977	0.191241	1.965983	0.049300616	0.99991192
<i>TP53I11</i>	-0.342961	0.174488	-1.965525	0.049353518	0.99991192

<b>Cluster 10</b>	<b>log2FC</b>	<b>lfcSE</b>	<b>stat</b>	<b>pvalue</b>	<b>padj</b>
<i>VPREB3</i>	3.983177	0.144048	27.651685	< 2.22e-16	< 2.22e-16
<i>GRN</i>	1.648943	0.091766	17.969007	< 2.22e-16	< 2.22e-16
<i>P2RX5</i>	1.833474	0.107016	17.132704	< 2.22e-16	< 2.22e-16
<i>CD1D</i>	5.842222	0.369987	15.790325	< 2.22e-16	< 2.22e-16
<i>DENND6B</i>	2.997422	0.198313	15.114605	< 2.22e-16	< 2.22e-16
<i>NRIP1</i>	2.153634	0.153913	13.992519	< 2.22e-16	< 2.22e-16
<i>CD38</i>	3.832	0.302384	12.672646	< 2.22e-16	< 2.22e-16
<i>RABGAP1L</i>	1.670832	0.135364	12.343296	< 2.22e-16	< 2.22e-16
<i>PLAAT4</i>	2.455264	0.216315	11.350397	< 2.22e-16	< 2.22e-16
<i>HIC1</i>	4.409995	0.399595	11.036159	< 2.22e-16	< 2.22e-16
<i>MRPS6</i>	0.95425	0.08714	10.950712	< 2.22e-16	< 2.22e-16
<i>SLC5A3</i>	1.409247	0.137919	10.217929	< 2.22e-16	< 2.22e-16
<i>FCRL2</i>	1.845225	0.182441	10.11411	< 2.22e-16	< 2.22e-16
<i>C12orf65</i>	0.947412	0.096472	9.820589	< 2.22e-16	< 2.22e-16
<i>ASB2</i>	5.768485	0.59305	9.726808	< 2.22e-16	< 2.22e-16
<i>RNF207</i>	3.276308	0.348802	9.39302	< 2.22e-16	< 2.22e-16
<i>SLC2A5</i>	3.370011	0.365318	9.224866	< 2.22e-16	< 2.22e-16
<i>MS4A1</i>	-0.778299	0.085783	-9.072913	< 2.22e-16	< 2.22e-16
<i>CXCR5</i>	0.814065	0.093325	8.72287	< 2.22e-16	1.66E-15
<i>CACYBP</i>	0.908726	0.106092	8.565456	< 2.22e-16	6.26E-15
<i>SMAD3</i>	1.092572	0.128741	8.486565	< 2.22e-16	1.18E-14
<i>SLC12A4</i>	2.064839	0.246099	8.390282	< 2.22e-16	2.56E-14
<i>CR2</i>	2.339262	0.284215	8.230598	< 2.22e-16	9.42E-14
<i>SEPTIN9</i>	0.49165	0.060709	8.098435	5.57E-16	2.70E-13
<i>CTSA</i>	0.704792	0.08825	7.986324	1.39E-15	6.47E-13
<i>SIGIRR</i>	0.959555	0.120484	7.964148	1.66E-15	7.44E-13
<i>P2RX5.TAX1BP3</i>	1.823501	0.235258	7.751083	9.11E-15	3.93E-12
<i>MAPKAPK2</i>	0.969027	0.126805	7.641892	2.14E-14	8.89E-12
<i>AHI1</i>	1.15612	0.151991	7.606503	2.82E-14	1.13E-11
<i>CMTM7</i>	1.28791	0.169881	7.581229	3.42E-14	1.33E-11
<i>IL1B</i>	3.0507	0.408709	7.464232	8.38E-14	3.14E-11
<i>ZNF563</i>	1.297376	0.174453	7.436836	1.03E-13	3.75E-11
<i>IRF2BPL</i>	1.187376	0.160456	7.399994	1.36E-13	4.80E-11
<i>XYLT1</i>	1.111666	0.150364	7.393153	1.43E-13	4.91E-11
<i>PISD</i>	1.065856	0.144894	7.356117	1.89E-13	6.29E-11
<i>RAB20</i>	1.818446	0.248177	7.327207	2.35E-13	7.59E-11
<i>CHST15</i>	1.133829	0.156917	7.225672	4.99E-13	1.57E-10
<i>RMDN2</i>	1.68537	0.238714	7.060218	1.66E-12	5.09E-10
<i>PNOC</i>	1.005383	0.142652	7.047781	1.82E-12	5.42E-10
<i>ST3GAL1</i>	0.956853	0.135921	7.039798	1.93E-12	5.60E-10
<i>ENDOD1</i>	1.58254	0.225575	7.01559	2.29E-12	6.50E-10
<i>GPX1</i>	0.572024	0.082439	6.938788	3.95E-12	1.10E-09
<i>LHFPL2</i>	1.53976	0.228931	6.725862	1.75E-11	4.72E-09
<i>PHF21A</i>	-0.880336	0.131331	-6.703163	2.04E-11	5.39E-09
<i>SLC5A5</i>	4.873284	0.745746	6.534779	6.37E-11	1.65E-08
<i>C1orf162</i>	-0.859663	0.133309	-6.448634	1.13E-10	2.85E-08

<i>PLAAT3</i>	2.193328	0.345227	6.353284	2.11E-10	5.22E-08
<i>RARA.AS1</i>	2.683833	0.42503	6.314458	2.71E-10	6.46E-08
<i>RHOBTB3</i>	1.732839	0.274453	6.313793	2.72E-10	6.46E-08
<i>AK2</i>	0.492716	0.078203	6.300479	2.97E-10	6.90E-08
<i>EXOSC5</i>	0.628155	0.100586	6.244926	4.24E-10	9.67E-08
<i>BTBD7</i>	0.668557	0.107197	6.236723	4.47E-10	1.00E-07
<i>ZNF3</i>	0.931616	0.149856	6.216738	5.08E-10	1.11E-07
<i>CHST7</i>	1.90862	0.310068	6.155486	7.48E-10	1.61E-07
<i>ACP5</i>	0.696123	0.114313	6.089615	1.13E-09	2.38E-07
<i>POU2F2</i>	-0.433043	0.071133	-6.087835	1.14E-09	2.38E-07
<i>GCHFR</i>	-0.572332	0.09471	-6.042981	1.51E-09	3.09E-07
<i>TMEM159</i>	-1.167094	0.194658	-5.995626	2.03E-09	4.07E-07
<i>MANF</i>	0.647309	0.108233	5.980676	2.22E-09	4.38E-07
<i>ZFP36L1</i>	-0.441244	0.074788	-5.899905	3.64E-09	7.05E-07
<i>SMC6</i>	-0.484552	0.082362	-5.883189	4.02E-09	7.68E-07
<i>SLC25A39</i>	0.493878	0.084679	5.832327	5.47E-09	1.02E-06
<i>CIB1</i>	0.363813	0.06239	5.831268	5.50E-09	1.02E-06
<i>CD1C</i>	2.129751	0.366379	5.812975	6.14E-09	1.11E-06
<i>MPEG1</i>	0.992793	0.170853	5.810807	6.22E-09	1.11E-06
<i>HSPA5</i>	0.605095	0.104359	5.798228	6.70E-09	1.18E-06
<i>ICAM3</i>	-0.441281	0.07625	-5.787322	7.15E-09	1.24E-06
<i>SRGN</i>	0.65999	0.114093	5.784642	7.27E-09	1.24E-06
<i>NME1</i>	0.450916	0.078669	5.731817	9.94E-09	1.68E-06
<i>IFI30</i>	0.842136	0.147566	5.706849	1.15E-08	1.91E-06
<i>LZTFL1</i>	1.250148	0.219144	5.704698	1.17E-08	1.91E-06
<i>VPREB1</i>	4.898095	0.859959	5.695733	1.23E-08	1.98E-06
<i>CD82</i>	-0.53315	0.093652	-5.692909	1.25E-08	1.99E-06
<i>JCHAIN</i>	1.960433	0.344503	5.690614	1.27E-08	1.99E-06
<i>ENSG00000254802</i>	1.281403	0.226066	5.668268	1.44E-08	2.24E-06
<i>NFAT5</i>	0.657633	0.116603	5.639952	1.70E-08	2.60E-06
<i>ACAP1</i>	-0.518332	0.091941	-5.637669	1.72E-08	2.60E-06
<i>ENSG00000166927</i>	-1.155884	0.205709	-5.619012	1.92E-08	2.86E-06
<i>DDX24</i>	0.437937	0.078265	5.595578	2.20E-08	3.24E-06
<i>TSPAN18</i>	2.833456	0.509047	5.566202	2.60E-08	3.79E-06
<i>AGPAT5</i>	0.879902	0.158974	5.534896	3.11E-08	4.47E-06
<i>CD72</i>	1.180732	0.214156	5.513428	3.52E-08	4.97E-06
<i>H3F3A</i>	0.471046	0.085454	5.51226	3.54E-08	4.97E-06
<i>WARS</i>	1.094703	0.198862	5.504846	3.69E-08	5.09E-06
<i>TSPO</i>	-0.528454	0.096017	-5.503762	3.72E-08	5.09E-06
<i>CR1</i>	2.833472	0.517453	5.475801	4.36E-08	5.89E-06
<i>DDX21</i>	0.456191	0.083407	5.469469	4.51E-08	6.04E-06
<i>GEN1</i>	-0.907255	0.165989	-5.465758	4.61E-08	6.09E-06
<i>FADS3</i>	-0.960922	0.175937	-5.461741	4.71E-08	6.16E-06
<i>LBH</i>	-0.645551	0.119398	-5.406702	6.42E-08	8.30E-06
<i>TMSB10</i>	-0.314885	0.058527	-5.38013	7.44E-08	9.52E-06
<i>BIN1</i>	-0.568549	0.105831	-5.372223	7.78E-08	9.83E-06
<i>TRABD</i>	0.46774	0.087834	5.325268	1.01E-07	1.25E-05

<i>RAB37</i>	1.303589	0.244799	5.325148	1.01E-07	1.25E-05
<i>ATP1B3</i>	0.502045	0.094583	5.307971	1.11E-07	1.35E-05
<i>VIM</i>	-1.297857	0.244554	-5.307029	1.11E-07	1.35E-05
<i>PUS1</i>	0.637097	0.120085	5.305371	1.12E-07	1.35E-05
<i>DUS2</i>	0.806039	0.152685	5.279098	1.30E-07	1.54E-05
<i>RINL</i>	0.556501	0.106219	5.239205	1.61E-07	1.90E-05
<i>PDLIM2</i>	-0.841925	0.161218	-5.222278	1.77E-07	2.06E-05
<i>GPSM3</i>	-0.363153	0.069651	-5.213924	1.85E-07	2.13E-05
<i>FXSD2</i>	-1.691484	0.326885	-5.174553	2.28E-07	2.61E-05
<i>SERPINF1</i>	-1.894627	0.366286	-5.172533	2.31E-07	2.61E-05
<i>NDUFA2</i>	0.323369	0.062554	5.169432	2.35E-07	2.63E-05
<i>LAT2</i>	-0.678266	0.131493	-5.158177	2.49E-07	2.76E-05
<i>LMNA</i>	-1.712033	0.334704	-5.115066	3.14E-07	3.44E-05
<i>MACROD2</i>	-0.916383	0.179682	-5.100025	3.40E-07	3.69E-05
<i>SREBF1</i>	1.086003	0.2151	5.048818	4.45E-07	4.79E-05
<i>ENSG00000237499</i>	-0.958226	0.190603	-5.02733	4.97E-07	5.31E-05
<i>IRF4</i>	0.549635	0.10978	5.006697	5.54E-07	5.86E-05
<i>LCAT</i>	1.632951	0.326282	5.004722	5.59E-07	5.86E-05
<i>OTUD7A</i>	3.227232	0.648974	4.972821	6.60E-07	6.85E-05
<i>NANP</i>	1.233791	0.249027	4.95444	7.25E-07	7.47E-05
<i>TLR10</i>	-0.571623	0.115486	-4.949732	7.43E-07	7.55E-05
<i>IQSEC1</i>	-0.607643	0.122786	-4.948821	7.47E-07	7.55E-05
<i>MAP3K1</i>	0.629558	0.127734	4.928673	8.28E-07	8.30E-05
<i>UBE2G1</i>	0.64005	0.130027	4.922447	8.55E-07	8.50E-05
<i>AP3S1</i>	0.543852	0.110718	4.91205	9.01E-07	8.89E-05
<i>NOLC1</i>	0.534795	0.109214	4.896768	9.74E-07	9.52E-05
<i>DNAJB11</i>	0.497216	0.102186	4.86578	1.14E-06	0.000110529
<i>DKC1</i>	0.366208	0.075341	4.860702	1.17E-06	0.000112466
<i>HNRNP1L</i>	1.506956	0.310694	4.850298	1.23E-06	0.000117557
<i>CD37</i>	-0.63608	0.131208	-4.847864	1.25E-06	0.000118041
<i>MRPL4</i>	0.362829	0.075142	4.8286	1.37E-06	0.000128047
<i>HIPK2</i>	0.921838	0.190917	4.828481	1.38E-06	0.000128047
<i>CD22</i>	0.536267	0.111725	4.799876	1.59E-06	0.000146592
<i>NEURL2</i>	1.840873	0.385208	4.778903	1.76E-06	0.00016146
<i>BLOC1S1</i>	-0.253917	0.053179	-4.774727	1.80E-06	0.000163559
<i>TP53I11</i>	-0.759227	0.159118	-4.771485	1.83E-06	0.000164925
<i>DDAH2</i>	-0.683977	0.143716	-4.759229	1.94E-06	0.000173914
<i>PLP2</i>	-0.729683	0.153397	-4.756831	1.97E-06	0.000174648
<i>ARL14EPL</i>	4.160246	0.877011	4.743664	2.10E-06	NA
<i>HCK</i>	-1.354058	0.288816	-4.688305	2.75E-06	0.000242796
<i>NDUFB9</i>	0.252709	0.05415	4.666869	3.06E-06	0.000267515
<i>TRBC2</i>	-0.348811	0.074884	-4.658003	3.19E-06	0.000277212
<i>TMEM191B</i>	1.083338	0.23364	4.636774	3.54E-06	0.000303909
<i>FKBP2</i>	0.326492	0.070426	4.635971	3.55E-06	0.000303909
<i>MYC</i>	0.702075	0.15197	4.619821	3.84E-06	0.00032571
<i>MARCHF9</i>	-0.675111	0.146172	-4.618593	3.86E-06	0.00032571
<i>RAB13</i>	-0.99161	0.214804	-4.616344	3.91E-06	0.00032689

<i>ENSG00000198106</i>	-0.919613	0.199361	-4.612804	3.97E-06	0.000330134
<i>GYPC</i>	0.535855	0.116394	4.603816	4.15E-06	0.000342269
<i>DPEP2</i>	0.812522	0.176873	4.593819	4.35E-06	0.00035463
<i>LAPTM5</i>	-0.420402	0.091521	-4.593489	4.36E-06	0.00035463
<i>XBP1</i>	0.503329	0.10964	4.59074	4.42E-06	0.000356838
<i>C15orf62</i>	-1.284964	0.280006	-4.589065	4.45E-06	0.000357233
<i>NOP16</i>	0.350365	0.076395	4.586206	4.51E-06	0.000359676
<i>PXK</i>	0.693585	0.151298	4.584233	4.56E-06	0.000360619
<i>QPRT</i>	1.723283	0.376557	4.576423	4.73E-06	0.000371811
<i>RRP9</i>	0.590493	0.129313	4.566399	4.96E-06	0.000387416
<i>RESF1</i>	-0.423549	0.093051	-4.551793	5.32E-06	0.000412546
<i>HNRNPC</i>	0.287932	0.063367	4.54384	5.52E-06	0.000425593
<i>GPATCH4</i>	0.374344	0.08243	4.541354	5.59E-06	0.000427811
<i>SESN3</i>	-0.407624	0.089869	-4.53575	5.74E-06	0.000436459
<i>RRBP1</i>	0.832714	0.184269	4.519019	6.21E-06	0.00046934
<i>TNK2</i>	0.570775	0.126639	4.507083	6.57E-06	0.00049332
<i>SDHB</i>	0.343294	0.076259	4.501677	6.74E-06	0.000502794
<i>CASP7</i>	0.771851	0.171753	4.493965	6.99E-06	0.000518039
<i>CTTNBP2NL</i>	-1.173194	0.261438	-4.487471	7.21E-06	0.0005307
<i>NUDC</i>	0.300606	0.067227	4.471489	7.77E-06	0.000566496
<i>PDIA6</i>	0.489923	0.109582	4.470851	7.79E-06	0.000566496
<i>PPP3CA</i>	-0.34058	0.076286	-4.464524	8.02E-06	0.00057987
<i>CNIH1</i>	0.284805	0.063866	4.459432	8.22E-06	0.000590155
<i>CD3EAP</i>	0.666194	0.149499	4.456174	8.34E-06	0.000595513
<i>RHOF</i>	-0.442465	0.099649	-4.440229	8.99E-06	0.000637479
<i>RRP15</i>	0.362041	0.081669	4.433008	9.29E-06	0.000655222
<i>ATP6V1E1</i>	0.477884	0.107972	4.426	9.60E-06	0.000672786
<i>ECE2</i>	0.695423	0.157247	4.422485	9.76E-06	0.000679733
<i>ISG20</i>	-0.582019	0.131707	-4.419034	9.91E-06	0.000686564
<i>CMSS1</i>	0.410368	0.093348	4.396128	1.10E-05	0.000758614
<i>ABCB1</i>	1.131539	0.258384	4.379292	1.19E-05	0.000814829
<i>PARP14</i>	-0.405808	0.092717	-4.376848	1.20E-05	0.00081569
<i>STK17B</i>	-0.440568	0.100666	-4.376512	1.21E-05	0.00081569
<i>GTPBP4</i>	0.419059	0.095848	4.372133	1.23E-05	0.000827417
<i>MRPS23</i>	0.320303	0.073297	4.369925	1.24E-05	0.000831025
<i>BCL2A1</i>	0.651997	0.149543	4.359925	1.30E-05	0.000863889
<i>GADD45GIP1</i>	0.239598	0.054967	4.358947	1.31E-05	0.000863889
<i>GBP4</i>	0.711645	0.163866	4.342835	1.41E-05	0.000924512
<i>DBNL</i>	0.289311	0.066726	4.335784	1.45E-05	0.000949292
<i>RBM47</i>	1.336572	0.308361	4.334443	1.46E-05	0.000949488
<i>C1orf216</i>	0.699424	0.161424	4.33283	1.47E-05	0.000949488
<i>PCSK7</i>	-0.300184	0.069294	-4.332061	1.48E-05	0.000949488
<i>GTF2E2</i>	0.71023	0.164594	4.315035	1.60E-05	0.001020067
<i>SRA1</i>	0.399225	0.092965	4.294369	1.75E-05	0.001113755
<i>SH3BGRL</i>	-0.283871	0.066439	-4.272645	1.93E-05	0.001221364
<i>PLXNA3</i>	-0.699769	0.164314	-4.258735	2.06E-05	0.001292864
<i>S100A4</i>	-0.880345	0.207318	-4.246351	2.17E-05	0.001359051

<i>LINC02201</i>	-1.407308	0.332385	-4.23397	2.30E-05	0.001426605
<i>MRT04</i>	0.445647	0.105278	4.23306	2.31E-05	0.001426605
<i>KEAP1</i>	0.491637	0.116595	4.216607	2.48E-05	0.001526611
<i>NDUFAF3</i>	0.291133	0.069148	4.210298	2.55E-05	0.001561617
<i>GPR18</i>	0.894958	0.212652	4.20855	2.57E-05	0.001565501
<i>MYDGF</i>	0.339681	0.080835	4.202173	2.64E-05	0.00159701
<i>BHLHE40</i>	0.535997	0.127567	4.201687	2.65E-05	0.00159701
<i>NCL</i>	0.279604	0.06685	4.182567	2.88E-05	0.001727754
<i>SNRPD1</i>	0.303879	0.072672	4.1815	2.90E-05	0.001727754
<i>PDIA3</i>	0.332568	0.079575	4.179301	2.92E-05	0.001735639
<i>HP1BP3</i>	-0.29031	0.069524	-4.175695	2.97E-05	0.001754415
<i>C16orf54</i>	0.549073	0.131577	4.173026	3.01E-05	0.001766142
<i>APOL3</i>	0.712473	0.171088	4.164378	3.12E-05	0.001825204
<i>BMF</i>	-0.59357	0.142906	-4.153569	3.27E-05	0.001904074
<i>EBNA1BP2</i>	0.431533	0.104057	4.147081	3.37E-05	0.00194908
<i>MRPL3</i>	0.383901	0.092758	4.138754	3.49E-05	0.00201117
<i>HSPA9</i>	0.341835	0.082633	4.136782	3.52E-05	0.002016798
<i>SNRPD3</i>	0.29769	0.071978	4.135851	3.54E-05	0.002016798
<i>ATP13A2</i>	0.918689	0.22377	4.105498	4.03E-05	0.002289595
<i>SH3BGRL3</i>	-0.371061	0.09063	-4.094221	4.24E-05	0.002392259
<i>DCAF13</i>	0.410603	0.100324	4.092778	4.26E-05	0.002395572
<i>SYPL1</i>	-0.39545	0.096772	-4.086396	4.38E-05	0.002450555
<i>C15orf39</i>	0.761643	0.186653	4.08053	4.49E-05	0.002501211
<i>ADAMTS7</i>	-1.048672	0.257116	-4.078597	4.53E-05	0.002510081
<i>GNG11</i>	-1.197513	0.293817	-4.075705	4.59E-05	0.002529436
<i>ODF2L</i>	-0.492994	0.121078	-4.071714	4.67E-05	0.002561041
<i>ENO1</i>	0.404024	0.099534	4.059154	4.93E-05	0.002690071
<i>ACAP2</i>	-0.436523	0.107658	-4.054713	5.02E-05	0.002728878
<i>MCL1</i>	0.350411	0.08653	4.049583	5.13E-05	0.002776408
<i>SPOCK2</i>	0.685469	0.169785	4.037271	5.41E-05	0.00291263
<i>NDC1</i>	0.681892	0.169431	4.024602	5.71E-05	0.003059789
<i>CNP</i>	0.495727	0.123621	4.010039	6.07E-05	0.003239841
<i>FCRL1</i>	0.878203	0.219201	4.006385	6.17E-05	0.003275317
<i>WNT10A</i>	-1.177939	0.294361	-4.001685	6.29E-05	0.003325893
<i>EPHB6</i>	-0.803806	0.200991	-3.999219	6.36E-05	0.003333582
<i>GPR146</i>	-1.471711	0.36802	-3.998997	6.36E-05	0.003333582
<i>KDM2B</i>	0.384589	0.096245	3.995947	6.44E-05	0.003361664
<i>WDFY4</i>	-0.489932	0.122664	-3.994084	6.49E-05	0.003373071
<i>NHP2</i>	0.269661	0.067855	3.974084	7.07E-05	0.003643345
<i>SYNE3</i>	-0.996242	0.250711	-3.973665	7.08E-05	0.003643345
<i>FAM111B</i>	-0.87226	0.219604	-3.971971	7.13E-05	0.003653195
<i>TRAF3IP3</i>	-0.313002	0.078953	-3.964429	7.36E-05	0.003750764
<i>HOXB3</i>	2.612695	0.659173	3.963597	7.38E-05	0.003750764
<i>SH2D4A</i>	1.931003	0.488103	3.956139	7.62E-05	0.003852913
<i>CYTIP</i>	-0.462805	0.117142	-3.950788	7.79E-05	0.003923035
<i>DHRS1</i>	-0.547629	0.138747	-3.946963	7.91E-05	0.003969046
<i>ZNF506</i>	0.643259	0.163414	3.936383	8.27E-05	0.004113909

<i>MDM4</i>	-0.334546	0.08499	-3.936307	8.27E-05	0.004113909
<i>HPS3</i>	-0.653865	0.166681	-3.922858	8.75E-05	0.004332043
<i>NOC2L</i>	0.347449	0.088666	3.918646	8.90E-05	0.004389755
<i>ACSL1</i>	0.635529	0.162426	3.912728	9.13E-05	0.004479786
<i>SYTL1</i>	-0.470599	0.120309	-3.911575	9.17E-05	0.004482331
<i>CYB561A3</i>	-0.486816	0.12453	-3.909231	9.26E-05	0.004507092
<i>ENSG00000176320</i>	3.56342	0.91365	3.900201	9.61E-05	NA
<i>IZUMO4</i>	-0.559301	0.143534	-3.896632	9.75E-05	0.004728225
<i>SLC45A3</i>	1.164326	0.299015	3.893872	9.87E-05	0.004762546
<i>GPER1</i>	-2.971763	0.76434	-3.888011	0.00010107	NA
<i>PA2G4</i>	0.250129	0.064365	3.886131	0.00010186	0.004896602
<i>ARL4C</i>	-0.840583	0.216585	-3.88108	0.00010399	0.004974851
<i>CHST2</i>	0.938527	0.241871	3.880277	0.00010434	0.004974851
<i>CCDC124</i>	0.371412	0.095763	3.878457	0.00010512	0.004991757
<i>UBTF</i>	0.449254	0.1161	3.869527	0.00010905	0.005157113
<i>AIMP2</i>	0.554656	0.143411	3.867604	0.00010991	0.005165184
<i>PRDM2</i>	-0.404278	0.104541	-3.867171	0.00011011	0.005165184
<i>EIF6</i>	0.262746	0.06802	3.862787	0.0001121	0.005237665
<i>DENND3</i>	-0.684539	0.177407	-3.85859	0.00011404	0.005307112
<i>PEMT</i>	0.666695	0.173369	3.845514	0.0001203	0.005575981
<i>KLHL14</i>	-0.881591	0.229314	-3.844465	0.00012082	0.005577657
<i>TFAM</i>	0.406504	0.105879	3.839341	0.00012337	0.005665483
<i>FKBP4</i>	0.372836	0.097133	3.838419	0.00012383	0.005665483
<i>LY86</i>	-0.574794	0.149775	-3.837726	0.00012418	0.005665483
<i>CMIP</i>	-0.530022	0.138238	-3.834132	0.00012601	0.00567019
<i>COMMD6</i>	-0.214734	0.056014	-3.833608	0.00012628	0.00567019
<i>LPIN1</i>	-0.507127	0.132298	-3.833219	0.00012648	0.00567019
<i>RAD23A</i>	0.186958	0.048782	3.832502	0.00012685	0.00567019
<i>SRPRB</i>	0.441734	0.115271	3.832144	0.00012703	0.00567019
<i>MICOS10</i>	0.275166	0.071812	3.831756	0.00012723	0.00567019
<i>BRIX1</i>	0.346183	0.090367	3.830865	0.00012769	0.00567019
<i>TNRC6B</i>	-0.276066	0.072136	-3.82704	0.00012969	0.005737074
<i>RPN1</i>	0.412912	0.107962	3.824606	0.00013098	0.005772104
<i>LONP1</i>	0.536267	0.140284	3.822738	0.00013198	0.005794079
<i>GZMB</i>	3.109875	0.815892	3.811626	0.00013806	0.006038118
<i>ARID5B</i>	-0.390977	0.102707	-3.806724	0.00014082	0.006125575
<i>SIGLEC10</i>	1.109806	0.291577	3.806217	0.00014111	0.006125575
<i>KMO</i>	-0.686663	0.181087	-3.791906	0.0001495	0.006441846
<i>TMEM65</i>	1.069985	0.282177	3.791896	0.0001495	0.006441846
<i>NUBP1</i>	0.396187	0.104682	3.784681	0.00015391	0.006607152
<i>FBP1</i>	1.835716	0.485759	3.779065	0.00015742	0.006733118
<i>CLCF1</i>	-0.599467	0.15872	-3.776872	0.00015881	0.006744684
<i>BOP1</i>	0.506693	0.134159	3.776812	0.00015885	0.006744684
<i>SLCO5A1</i>	1.080737	0.286263	3.775322	0.0001598	0.006760445
<i>GPR160</i>	0.781225	0.207596	3.7632	0.00016775	0.00707115
<i>GRWD1</i>	0.431138	0.114678	3.759549	0.00017022	0.007127817
<i>CTSZ</i>	0.694976	0.184864	3.759398	0.00017032	0.007127817

ZNF318	-0.587752	0.156776	-3.749003	0.00017754	0.007403194
RUNX2	1.892945	0.505429	3.745221	0.00018024	0.00748877
DMD	-0.885594	0.236829	-3.739386	0.00018447	0.007637456
CD6	-1.357675	0.363418	-3.735851	0.00018708	0.007718098
PKIG	-0.503393	0.135018	-3.728331	0.00019275	0.007923935
PRMT1	0.325425	0.087629	3.713692	0.00020426	0.008367357
DPEP3	3.160486	0.851123	3.713313	0.00020456	NA
IRAK2	1.055162	0.284227	3.712387	0.00020531	0.008381131
SLA	0.759604	0.204725	3.710357	0.00020697	0.008419062
ANKRD12	-0.273394	0.073735	-3.707793	0.00020907	0.008475129
PSAT1	0.834133	0.225622	3.697036	0.00021813	0.008811596
RAN	0.299508	0.081123	3.692033	0.00022247	0.008955696
HIVEP3	0.776831	0.210819	3.684828	0.00022886	0.009181106
CCM2	-0.272539	0.074009	-3.682529	0.00023093	0.009232517
SDF2L1	0.451472	0.122765	3.677534	0.0002355	0.009382888
DGAT2	0.660434	0.179712	3.674964	0.00023788	0.009445479
CCNH	0.484658	0.132164	3.667096	0.00024532	0.009707692
PSMB10	0.33045	0.090277	3.6604	0.00025182	0.009931169
TOP1	0.258836	0.070789	3.65643	0.00025575	0.010052089
ADRB2	-1.673351	0.4579	-3.654402	0.00025778	0.010097778
CCT5	0.282183	0.077355	3.647889	0.0002644	0.010322406
NXT1	0.396302	0.109009	3.63549	0.00027745	0.010795621
KIAA1109	-0.550207	0.151642	-3.628326	0.00028527	0.011062593
ACADVL	-0.277586	0.07661	-3.623369	0.00029079	0.011194402
NOP10	0.212292	0.058592	3.623197	0.00029099	0.011194402
TIMM17A	0.414431	0.114398	3.622694	0.00029155	0.011194402
DNAJC4	-0.289542	0.080055	-3.616788	0.00029828	0.011380195
HSBP1	0.255613	0.070675	3.616732	0.00029835	0.011380195
ENSG00000235609	1.963795	0.54366	3.612171	0.00030364	0.011544442
ZNF302	-0.328726	0.091151	-3.606404	0.00031047	0.011765492
PTPRE	-0.686644	0.190452	-3.605335	0.00031175	0.011775687
ENSG00000271857	2.024885	0.56234	3.600817	0.00031722	0.011943453
TOP2B	0.367658	0.10215	3.599181	0.00031922	0.011980065
SAMD9L	-0.5931	0.165097	-3.592437	0.0003276	0.012254967
DNAJB2	-0.46749	0.130379	-3.585611	0.00033629	0.012531642
EIF4A1	0.263482	0.073497	3.584944	0.00033715	0.012531642
COA7	0.50387	0.140599	3.583731	0.00033872	0.012549955
NAPSA	2.028539	0.567991	3.571429	0.00035504	0.013112772
LTA4H	-0.396388	0.111046	-3.569595	0.00035753	0.01311367
QARS	-0.248389	0.069589	-3.569382	0.00035782	0.01311367
PLK3	0.714842	0.200296	3.568928	0.00035845	0.01311367
TIMP1	-0.885954	0.248719	-3.562072	0.00036794	0.013418831
TCF3	-0.350119	0.098523	-3.553686	0.00037987	0.013810738
LDLRAD4	0.485942	0.136954	3.548215	0.00038785	0.014051622
LZIC	0.497091	0.140125	3.547495	0.00038891	0.014051622
RPF1	0.360472	0.101652	3.546119	0.00039095	0.014081456
DAP	0.551976	0.155792	3.543017	0.00039558	0.01419901



<i>SNX18</i>	0.760686	0.214743	3.5423	0.00039665	0.01419901
<i>BCAR3</i>	0.832837	0.235428	3.537548	0.00040386	0.014412605
<i>MIF</i>	0.353164	0.099895	3.535342	0.00040725	0.014489037
<i>RPL10</i>	-0.199873	0.056597	-3.531501	0.00041321	0.014656294
<i>PPCDC</i>	0.82614	0.234017	3.530254	0.00041516	0.014657224
<i>MTSS1</i>	-0.574013	0.162616	-3.529876	0.00041575	0.014657224
<i>PRPF19</i>	0.471438	0.133666	3.52698	0.00042033	0.01477372
<i>EXOSC4</i>	0.303182	0.086005	3.525155	0.00042324	0.014807633
<i>ZFP36</i>	-0.267399	0.075865	-3.524665	0.00042402	0.014807633
<i>SMARCC1</i>	0.317889	0.090222	3.523403	0.00042604	0.014807633
<i>DIMT1</i>	0.377055	0.107021	3.523191	0.00042638	0.014807633
<i>SFXN4</i>	0.48824	0.138773	3.518268	0.00043437	0.014990722
<i>ZC3H15</i>	0.218697	0.062163	3.518115	0.00043462	0.014990722
<i>CKS2</i>	0.397415	0.11298	3.517567	0.00043552	0.014990722
<i>SNU13</i>	0.216339	0.061545	3.515161	0.00043949	0.015082587
<i>IFRD2</i>	0.321526	0.091583	3.510751	0.00044684	0.015289879
<i>APRT</i>	0.192041	0.054763	3.506732	0.00045365	0.015444995
<i>OAS3</i>	1.130069	0.322342	3.505808	0.00045522	0.015444995
<i>TENT5C</i>	-0.710566	0.202687	-3.505729	0.00045536	0.015444995
<i>EEF1E1</i>	0.325317	0.093002	3.497956	0.00046884	0.015855982
<i>HADHA</i>	-0.269795	0.077276	-3.491333	0.00048062	0.016207236
<i>GLRX3</i>	0.251373	0.072042	3.489271	0.00048434	0.016228586
<i>FCHO1</i>	0.662066	0.189789	3.488437	0.00048585	0.016228586
<i>CHCHD10</i>	1.630956	0.467577	3.488103	0.00048646	0.016228586
<i>EEF1A1</i>	-0.252822	0.072486	-3.487853	0.00048692	0.016228586
<i>CARD11</i>	0.534835	0.153391	3.486742	0.00048894	0.016228586
<i>GLYCTK</i>	0.719994	0.206522	3.486282	0.00048978	0.016228586
<i>ENSG00000259436</i>	-0.958862	0.275092	-3.485611	0.00049101	0.016228586
<i>EIF3J</i>	0.248973	0.071498	3.482255	0.00049721	0.016386812
<i>JUNB</i>	0.398788	0.114692	3.477021	0.00050702	0.016662852
<i>NIFK</i>	0.25086	0.072195	3.474742	0.00051134	0.016725596
<i>FXYS5</i>	-0.46507	0.133865	-3.474171	0.00051244	0.016725596
<i>IMP4</i>	0.251901	0.072533	3.472933	0.0005148	0.016725596
<i>NDUFS6</i>	0.255198	0.073509	3.47164	0.00051729	0.016725596
<i>TWISTNB</i>	0.429879	0.12383	3.471518	0.00051752	0.016725596
<i>FAM207A</i>	0.367084	0.105742	3.471503	0.00051755	0.016725596
<i>SH3TC1</i>	-0.620585	0.178892	-3.469055	0.00052229	0.016799905
<i>CKB</i>	-0.923647	0.266271	-3.468825	0.00052274	0.016799905
<i>EEF2KMT</i>	0.410885	0.118772	3.459426	0.00054133	0.017339623
<i>PWWP3A</i>	-0.392919	0.113599	-3.458836	0.00054252	0.017339623
<i>DAPP1</i>	-0.414815	0.12024	-3.449908	0.00056078	0.017874193
<i>NDUFAF4</i>	0.366572	0.106307	3.448244	0.00056425	0.017935581
<i>HSPD1</i>	0.322189	0.09358	3.442921	0.00057547	0.018211773
<i>MORC3</i>	-0.468611	0.136135	-3.442249	0.0005769	0.018211773
<i>POLR3GL</i>	-0.266113	0.077315	-3.441907	0.00057763	0.018211773
<i>TIAM1</i>	1.826434	0.530902	3.440248	0.00058118	0.018236769
<i>SNRPE</i>	0.217091	0.063107	3.440073	0.00058156	0.018236769

<i>C16orf72</i>	0.389305	0.113237	3.437953	0.00058613	0.018330702
<i>MFSD10</i>	-0.311295	0.090588	-3.436379	0.00058955	0.018388105
<i>CPNE3</i>	-0.342092	0.099688	-3.431631	0.00059996	0.018654173
<i>TGM2</i>	1.890574	0.551021	3.431035	0.00060128	0.018654173
<i>SLC38A5</i>	0.572272	0.166931	3.428196	0.00060761	0.018800287
<i>PAICS</i>	0.329905	0.096454	3.420324	0.00062547	0.01930154
<i>TMEM147</i>	0.233822	0.068429	3.416991	0.00063317	0.019487661
<i>TOMM5</i>	0.35156	0.103006	3.412991	0.00064254	0.019723821
<i>HSP90B1</i>	0.327215	0.095912	3.411628	0.00064576	0.019753599
<i>CALR</i>	0.277494	0.081349	3.411145	0.00064691	0.019753599
<i>PARK7</i>	0.203757	0.059797	3.407487	0.00065564	0.019922647
<i>SC5D</i>	-0.418216	0.12274	-3.407323	0.00065604	0.019922647
<i>C8orf58</i>	-0.795232	0.233463	-3.406237	0.00065865	0.019922647
<i>LARGE2</i>	-0.652787	0.191688	-3.405467	0.00066051	0.019922647
<i>PDHA1</i>	0.374057	0.109847	3.405262	0.00066101	0.019922647
<i>ATXN10</i>	0.34376	0.101083	3.400781	0.00067194	0.020197238
<i>CD99</i>	-0.520428	0.153072	-3.399898	0.00067411	0.020197238
<i>GDPGP1</i>	0.886009	0.260637	3.399406	0.00067533	0.020197238
<i>EIF4ENIF1</i>	0.683243	0.201096	3.397589	0.00067983	0.020279719
<i>MYO1C</i>	-0.423635	0.124715	-3.396823	0.00068173	0.020284543
<i>PTPN7</i>	0.666959	0.196769	3.389561	0.00070005	0.02075045
<i>MRPS12</i>	0.261362	0.077132	3.388516	0.00070272	0.02075045
<i>VAMP2</i>	-0.301367	0.08896	-3.387687	0.00070485	0.02075045
<i>KMT2E</i>	-0.265297	0.078315	-3.38754	0.00070523	0.02075045
<i>COA4</i>	0.254222	0.075056	3.387119	0.00070631	0.02075045
<i>TBC1D8</i>	1.225927	0.362352	3.38325	0.00071633	0.020992029
<i>NFKBIZ</i>	0.434827	0.128638	3.380235	0.00072424	0.021170322
<i>COX5A</i>	0.225737	0.066811	3.37873	0.00072821	0.021233177
<i>RSRP1</i>	-0.336694	0.099826	-3.372793	0.0007441	0.021642088
<i>FCER2</i>	1.405165	0.416727	3.371907	0.0007465	0.021657745
<i>FAM129C</i>	-0.552377	0.164054	-3.367039	0.0007598	0.021945937
<i>PFDN6</i>	0.297386	0.088327	3.366892	0.0007602	0.021945937
<i>PSMD8</i>	0.239311	0.071122	3.364783	0.00076604	0.022041867
<i>CCNG1</i>	-0.334817	0.09952	-3.364323	0.00076732	0.022041867
<i>ZNF44</i>	0.460303	0.136943	3.361273	0.00077584	0.022231879
<i>GLRX2</i>	0.379486	0.112936	3.360176	0.00077893	0.022265463
<i>SMIM20</i>	0.463118	0.137901	3.358342	0.00078412	0.022358814
<i>DHRS3</i>	1.360827	0.405302	3.357567	0.00078632	0.022366745
<i>SPCS2</i>	0.206078	0.061452	3.353456	0.00079809	0.022619594
<i>HIVEP2</i>	0.785279	0.234194	3.353109	0.00079909	0.022619594
<i>TIMMDC1</i>	0.369367	0.110271	3.349626	0.00080921	0.02285025
<i>RPL13A</i>	-0.176335	0.052673	-3.347726	0.00081478	0.022951843
<i>TRANK1</i>	-0.557649	0.166703	-3.34517	0.00082232	0.023108401
<i>LMF2</i>	-0.392408	0.117516	-3.339183	0.00084025	0.023555377
<i>ULK1</i>	0.812984	0.243637	3.336865	0.00084729	0.023695626
<i>IQGAP1</i>	-0.330345	0.099026	-3.33593	0.00085015	0.023718487
<i>EIF3H</i>	-0.201209	0.060332	-3.335056	0.00085282	0.02373623

<i>CERS4</i>	-0.373841	0.112242	-3.330686	0.00086632	0.024038068
<i>SERBP1</i>	0.243561	0.073137	3.330212	0.0008678	0.024038068
<i>CD320</i>	0.355459	0.106796	3.3284	0.00087346	0.024137459
<i>FAM30A</i>	-0.355616	0.106866	-3.32769	0.00087569	0.024141697
<i>ZNRD2</i>	0.299934	0.090192	3.325508	0.00088258	0.024265751
<i>BTG2</i>	-0.305311	0.091824	-3.324944	0.00088436	0.024265751
<i>TESK1</i>	0.528849	0.159154	3.322876	0.00089095	0.024388827
<i>SPHK1</i>	0.825919	0.248616	3.322073	0.00089351	0.024401709
<i>PRMT2</i>	-0.414689	0.12493	-3.319365	0.00090222	0.024581883
<i>ENSG00000259865</i>	-0.489144	0.147457	-3.317196	0.00090926	0.024715697
<i>SQSTM1</i>	0.3016	0.090989	3.31469	0.00091745	0.024857175
<i>CAPG</i>	-0.654324	0.197435	-3.314121	0.00091932	0.024857175
<i>KCNN1</i>	1.59488	0.481379	3.313146	0.00092253	0.024857175
<i>TBL3</i>	0.390184	0.117782	3.312756	0.00092382	0.024857175
<i>FKBP11</i>	0.354556	0.107041	3.312353	0.00092515	0.024857175
<i>EHD1</i>	0.274836	0.083015	3.310678	0.0009307	0.024948785
<i>UGP2</i>	-0.30751	0.093178	-3.300232	0.00096605	0.025836817
<i>MAP4K2</i>	-0.423762	0.128634	-3.294333	0.00098655	0.026324695
<i>ABCF2</i>	0.33976	0.10333	3.288112	0.00100862	0.026851839
<i>TBC1D10C</i>	-0.307324	0.093605	-3.28319	0.0010264	0.027180749
<i>IDS</i>	-0.274142	0.083505	-3.282923	0.00102737	0.027180749
<i>SLIRP</i>	0.302241	0.092069	3.282755	0.00102798	0.027180749
<i>GRPEL1</i>	0.329147	0.100404	3.278214	0.00104466	0.027559141
<i>DCTPP1</i>	0.323785	0.098905	3.273683	0.00106156	0.027832687
<i>NTHL1</i>	0.426747	0.130366	3.273445	0.00106245	0.027832687
<i>CCDC90B</i>	-0.254322	0.077696	-3.273309	0.00106296	0.027832687
<i>RPS27</i>	-0.171496	0.052399	-3.272874	0.0010646	0.027832687
<i>EIF3B</i>	0.327927	0.100428	3.2653	0.00109348	0.028444197
<i>TARS</i>	0.308748	0.094566	3.26489	0.00109507	0.028444197
<i>SLCO4A1</i>	0.531094	0.162672	3.264823	0.00109532	0.028444197
<i>TRIM25</i>	0.74044	0.227036	3.261327	0.00110892	0.028718964
<i>ZNF581</i>	-0.314374	0.096409	-3.260836	0.00111084	0.028718964
<i>BCL6</i>	-0.775876	0.238215	-3.257044	0.00112579	0.029040882
<i>FAM3C</i>	0.345163	0.106013	3.25585	0.00113054	0.029098793
<i>SRSF8</i>	0.259103	0.079617	3.254374	0.00113643	0.029183217
<i>RRS1</i>	0.434724	0.133606	3.253773	0.00113883	0.029183217
<i>CNPY2</i>	0.206808	0.06361	3.251202	0.00114918	0.029383677
<i>EEF1D</i>	-0.238507	0.073649	-3.238447	0.00120182	0.030662308
<i>POLR2H</i>	0.301919	0.0933	3.235985	0.00121224	0.030860379
<i>MRPL13</i>	0.384859	0.119152	3.229988	0.00123796	0.031446224
<i>ZNF524</i>	-0.353467	0.109646	-3.223698	0.00126547	0.032075105
<i>MMP11</i>	1.022476	0.3173	3.222429	0.00127109	0.03214739
<i>HDLBP</i>	0.299192	0.092983	3.21771	0.00129219	0.03261018
<i>SVBP</i>	-0.250583	0.077951	-3.214617	0.00130619	0.032892163
<i>PRR34.AS1</i>	-0.362624	0.112833	-3.213805	0.00130989	0.032914106
<i>PSMD11</i>	0.268683	0.083747	3.208263	0.00133539	0.033482661
<i>BTG3</i>	0.445246	0.138893	3.205674	0.00134747	0.033712728

<i>DPH2</i>	0.346664	0.108204	3.2038	0.00135627	0.033860115
<i>FBXL17</i>	-0.676075	0.211525	-3.196186	0.00139258	0.034674634
<i>LINC00996</i>	1.35579	0.424252	3.195714	0.00139485	0.034674634
<i>RFK</i>	0.407971	0.127835	3.191399	0.00141585	0.035121637
<i>GPR68</i>	-2.694012	0.846761	-3.181551	0.00146489	NA
<i>TUBB2A</i>	0.898078	0.282362	3.180592	0.00146975	0.036377624
<i>GAK</i>	0.37848	0.119019	3.180002	0.00147274	0.036377624
<i>SPINT2</i>	-0.327543	0.10305	-3.178476	0.00148051	0.036492143
<i>NDUFAF8</i>	0.240859	0.075795	3.177779	0.00148408	0.036502694
<i>CISD1</i>	0.309074	0.097322	3.175795	0.00149427	0.036675702
<i>RECQL</i>	-0.369277	0.116305	-3.175085	0.00149793	0.036688148
<i>CCDC86</i>	0.415738	0.131166	3.169563	0.00152669	0.037313978
<i>ETFB</i>	0.333363	0.105227	3.168032	0.00153475	0.037432388
<i>RHOG</i>	-0.252224	0.079661	-3.166208	0.0015444	0.037560464
<i>HDAC9</i>	0.284674	0.089921	3.165822	0.00154646	0.037560464
<i>ALG3</i>	0.333038	0.10523	3.164866	0.00155154	0.03760555
<i>AP1G2</i>	-0.305062	0.096533	-3.160177	0.00157673	0.038084655
<i>EEF2</i>	-0.216315	0.068455	-3.159969	0.00157786	0.038084655
<i>CCR7</i>	0.310339	0.098243	3.158878	0.00158378	0.038148414
<i>FER</i>	-0.697253	0.220926	-3.156053	0.0015992	0.038440289
<i>CCNT2</i>	-0.436783	0.138506	-3.153521	0.00161314	0.038695305
<i>WASF2</i>	0.226783	0.07197	3.151052	0.00162684	0.038927928
<i>NOP14</i>	0.352428	0.111862	3.150569	0.00162953	0.038927928
<i>MFNG</i>	0.330556	0.104992	3.148391	0.00164172	0.039017206
<i>DUSP18</i>	-0.602719	0.191468	-3.14789	0.00164454	0.039017206
<i>PFDN2</i>	0.259425	0.082416	3.147737	0.0016454	0.039017206
<i>VIM.AS1</i>	-0.630162	0.200237	-3.147086	0.00164906	0.039017206
<i>NTAN1</i>	-0.299439	0.095153	-3.146915	0.00165003	0.039017206
<i>TMED9</i>	0.245654	0.078083	3.146049	0.00165492	0.039053435
<i>H2AFY</i>	0.244047	0.077714	3.140333	0.00168756	0.03974301
<i>ZFP90</i>	-0.586822	0.186989	-3.138269	0.00169949	0.039943165
<i>RSL24D1</i>	0.215323	0.068675	3.135374	0.00171635	0.040258138
<i>ITGB7</i>	0.688342	0.219643	3.13392	0.00172488	0.040376729
<i>DDIT4</i>	0.699295	0.223387	3.130418	0.00174558	0.040779267
<i>DCTN2</i>	-0.283052	0.090451	-3.12933	0.00175205	0.040848459
<i>ANKRD36B</i>	-0.644075	0.205914	-3.12788	0.00176072	0.040968499
<i>FXYP1</i>	-0.894094	0.286114	-3.124959	0.0017783	0.041292708
<i>EIF3F</i>	-0.193173	0.061827	-3.124388	0.00178176	0.041292708
<i>CLIP4</i>	1.232283	0.394826	3.121075	0.00180192	0.041676984
<i>ENSG00000275418</i>	-2.655102	0.851238	-3.119106	0.001814	NA
<i>RUBCN</i>	-0.449059	0.143986	-3.118762	0.00181613	0.041912786
<i>EIF4A3</i>	0.523364	0.167839	3.118244	0.00181932	0.041912786
<i>RPS28</i>	-0.101494	0.032608	-3.11259	0.00185454	0.042639679
<i>MARCKSL1</i>	-0.441606	0.141989	-3.110133	0.00187003	0.042911098
<i>GALM</i>	0.761698	0.245106	3.107634	0.00188591	0.043104877
<i>ZNF638</i>	-0.321608	0.1035	-3.107324	0.0018879	0.043104877
<i>ENSG00000111540</i>	-0.315168	0.101436	-3.107059	0.00188959	0.043104877

<i>CARD8</i>	-0.348885	0.112383	-3.104423	0.00190651	0.04340567
<i>TMEM134</i>	-0.213555	0.068819	-3.103136	0.00191482	0.043509746
<i>ACACA</i>	0.56745	0.183303	3.0957	0.00196349	0.044457775
<i>POMP</i>	0.22286	0.072003	3.095163	0.00196705	0.044457775
<i>USF3</i>	-0.494874	0.159894	-3.095019	0.001968	0.044457775
<i>TIMM23</i>	0.373916	0.120858	3.093844	0.00197582	0.044547761
<i>FCMR</i>	0.468744	0.151604	3.091889	0.00198887	0.044755406
<i>SLC39A14</i>	0.635805	0.205915	3.087702	0.00201711	0.045228313
<i>EEF1AKNMT</i>	0.502654	0.162797	3.08762	0.00201766	0.045228313
<i>PSMD7</i>	0.261507	0.084775	3.084701	0.00203757	0.045501181
<i>STIP1</i>	0.401724	0.130239	3.08451	0.00203887	0.045501181
<i>ENSG00000089127</i>	0.847796	0.274902	3.083999	0.00204239	0.045501181
<i>PBXIP1</i>	-0.588174	0.190746	-3.083548	0.00204548	0.045501181
<i>TUFM</i>	0.207071	0.067243	3.079464	0.00207374	0.046041709
<i>CTSB</i>	0.333205	0.10828	3.077254	0.00208917	0.046296091
<i>RUVBL1</i>	0.375638	0.122111	3.076196	0.0020966	0.04637234
<i>ZNF652</i>	-0.445459	0.145166	-3.068616	0.00215053	0.047408132
<i>PINX1</i>	0.397489	0.12954	3.06847	0.00215158	0.047408132
<i>BICDL1</i>	0.896475	0.29224	3.067605	0.00215782	0.047455721
<i>NCKAP1L</i>	-0.269179	0.087826	-3.064894	0.00217747	0.04767713
<i>RPL41</i>	-0.156314	0.051002	-3.064847	0.00217782	0.04767713
<i>SEPTIN6</i>	-0.19496	0.063618	-3.064522	0.00218018	0.04767713
<i>RNPS1</i>	0.18821	0.061459	3.062351	0.00219606	0.047934156
<i>ARL17B</i>	-0.631081	0.206172	-3.06095	0.00220636	0.048068903
<i>CYBC1</i>	-0.250991	0.082038	-3.059446	0.00221746	0.04818389
<i>SESTD1</i>	-0.700181	0.228883	-3.059115	0.00221992	0.04818389
<i>SFXN3</i>	-0.838324	0.274707	-3.051707	0.00227544	0.049297017
<i>NNT</i>	-0.46397	0.152304	-3.046339	0.00231647	0.050058195
<i>ADSL</i>	0.251158	0.082455	3.045987	0.00231918	0.050058195
<i>FOXO3</i>	0.491482	0.161425	3.044648	0.00232953	0.05018845
<i>TTC3</i>	-0.227358	0.074713	-3.043087	0.00234165	0.05035625
<i>DNAH1</i>	1.165388	0.383159	3.041525	0.00235383	0.05052478
<i>CRTC3</i>	-0.349659	0.115102	-3.037806	0.00238308	0.051058393
<i>AHRR</i>	-1.175932	0.387386	-3.035556	0.00240093	0.051287797
<i>MYADM</i>	0.640079	0.210895	3.035065	0.00240484	0.051287797
<i>RPS27A</i>	-0.141766	0.046713	-3.034793	0.00240701	0.051287797
<i>SERPINE2</i>	0.886072	0.292109	3.033363	0.00241844	0.051437245
<i>TEX264</i>	0.332193	0.109576	3.03162	0.00243246	0.051618633
<i>TSFM</i>	0.417804	0.137835	3.031199	0.00243585	0.051618633
<i>HERC4</i>	-0.34896	0.115212	-3.028843	0.00245492	0.051928246
<i>SLC25A6</i>	-0.19448	0.06432	-3.023627	0.00249764	0.052736015
<i>RPL27A</i>	-0.130517	0.043184	-3.022333	0.00250834	0.052830796
<i>PPIL1</i>	0.371309	0.122869	3.021987	0.00251121	0.052830796
<i>SERPINB9P1</i>	-0.886554	0.293587	-3.019733	0.00252998	0.05312948
<i>CLIC3</i>	1.82448	0.604696	3.017186	0.00255133	0.053481445
<i>ENSG00000237188</i>	-0.936266	0.310565	-3.014721	0.00257216	0.053821071
<i>TIMM13</i>	0.265785	0.088237	3.012158	0.00259397	0.054180046

<i>TMBIM1</i>	-0.382994	0.127208	-3.010773	0.00260583	0.054330242
<i>SDE2</i>	0.550964	0.183044	3.010008	0.00261241	0.05433937
<i>TBC1D9</i>	0.776526	0.258023	3.009525	0.00261656	0.05433937
<i>CYCS</i>	0.320198	0.10641	3.009094	0.00262028	0.05433937
<i>CD47</i>	-0.30747	0.102208	-3.008285	0.00262726	0.054387179
<i>SINHCAF</i>	0.241392	0.080318	3.005462	0.00265178	0.054797114
<i>RABEPK</i>	0.373907	0.12449	3.003517	0.00266878	0.055050751
<i>PIKFYVE</i>	0.425275	0.141703	3.00117	0.00268945	0.055294812
<i>LBR</i>	0.284303	0.094733	3.001093	0.00269012	0.055294812
<i>CASP4</i>	-0.249975	0.083356	-2.998897	0.00270959	0.055596812
<i>SSBP2</i>	-0.675545	0.22559	-2.99457	0.00274832	0.056276126
<i>AP2B1</i>	-0.240485	0.080319	-2.99412	0.00275237	0.056276126
<i>BCCIP</i>	0.286517	0.095747	2.992442	0.00276756	0.056452752
<i>EIF5B</i>	0.18811	0.062869	2.992093	0.00277072	0.056452752
<i>EBI3</i>	0.571534	0.191062	2.991356	0.00277742	0.056470812
<i>RPS6KA2</i>	-0.888935	0.297216	-2.990873	0.00278181	0.056470812
<i>PIP5K1B</i>	0.587975	0.196653	2.989914	0.00279056	0.056470812
<i>LYRM9</i>	-0.63879	0.213652	-2.989864	0.00279102	0.056470812
<i>PNO1</i>	0.397041	0.132888	2.987776	0.00281015	0.056759189
<i>MICAL1</i>	-0.391573	0.131167	-2.985315	0.00283287	0.057118881
<i>LGMN</i>	0.780053	0.261415	2.98396	0.00284544	0.057273057
<i>PQLC3</i>	-0.529184	0.177409	-2.982854	0.00285574	0.057381153
<i>ANKRD36C</i>	-0.454421	0.152731	-2.975295	0.00292707	0.058682841
<i>DDX49</i>	0.301944	0.101507	2.97462	0.00293351	0.058682841
<i>ANAPC16</i>	0.188552	0.063392	2.974396	0.00293566	0.058682841
<i>HSP90AB1</i>	0.154059	0.051813	2.973351	0.00294567	0.058724003
<i>GPR155</i>	-0.987262	0.332062	-2.973129	0.00294781	0.058724003
<i>MRPS36</i>	0.186292	0.062681	2.972051	0.00295817	0.058829693
<i>APOBEC3C</i>	-0.328183	0.110525	-2.969302	0.00298477	0.059257388
<i>PAOX</i>	0.581625	0.196169	2.964915	0.00302766	0.060006491
<i>SEL1L3</i>	0.655895	0.221374	2.962837	0.00304818	0.060254075
<i>RACK1</i>	-0.150947	0.050951	-2.962602	0.00305051	0.060254075
<i>ZNF461</i>	0.796171	0.268972	2.960054	0.00307585	0.060651552
<i>OXT</i>	-0.903701	0.3057	-2.956168	0.00311488	0.061317208
<i>NOP58</i>	0.199023	0.067348	2.955132	0.00312535	0.061419423
<i>MPP6</i>	0.495412	0.167692	2.954291	0.00313389	0.061472595
<i>ENSG00000277511</i>	-0.875625	0.296438	-2.953825	0.00313862	0.061472595
<i>HEXD</i>	-0.570147	0.193383	-2.948277	0.00319551	0.062481538
<i>PSMA5</i>	0.282289	0.095815	2.946181	0.00321724	0.062593568
<i>ESYT1</i>	-0.35008	0.118837	-2.945892	0.00322025	0.062593568
<i>C11orf80</i>	-0.670199	0.227518	-2.945703	0.00322222	0.062593568
<i>SNRNP40</i>	0.326758	0.110929	2.945651	0.00322276	0.062593568
<i>RHOA</i>	0.199938	0.067984	2.940967	0.00327189	0.063442032
<i>METAP2</i>	0.192238	0.065438	2.937686	0.00330672	0.064010561
<i>ITGA4</i>	0.449624	0.153141	2.936002	0.00332472	0.064231376
<i>FAM216A</i>	0.397064	0.135282	2.935089	0.00333453	0.064231376
<i>PSMD4</i>	0.227422	0.077484	2.935073	0.00333469	0.064231376

<i>EMC4</i>	0.265016	0.090341	2.933489	0.00335175	0.064347416
<i>RPL7L1</i>	0.229554	0.078253	2.933487	0.00335177	0.064347416
<i>SLC44A1</i>	-0.596076	0.203388	-2.930738	0.00338158	0.06481274
<i>PPP1CC</i>	0.210057	0.071735	2.928236	0.00340891	0.065229103
<i>C7orf50</i>	-0.43475	0.148728	-2.92312	0.00346543	0.066201662
<i>CTPS1</i>	0.466837	0.159803	2.921335	0.00348535	0.066385012
<i>SNRPB</i>	0.285087	0.097591	2.921237	0.00348644	0.066385012
<i>EXOC3</i>	-0.463387	0.159072	-2.913072	0.00357892	0.068034489
<i>TPI1</i>	0.217127	0.074627	2.909499	0.00362009	0.06870487
<i>POLR3D</i>	0.435743	0.150065	2.903688	0.00368796	0.069879023
<i>TTC7A</i>	-0.529696	0.182456	-2.903148	0.00369432	0.069885659
<i>PLD2</i>	-0.766767	0.264234	-2.901843	0.00370975	0.070063657
<i>MTFP1</i>	0.316626	0.109139	2.901132	0.00371818	0.070079357
<i>DCUN1D5</i>	0.333033	0.114809	2.900757	0.00372263	0.070079357
<i>ATAD3B</i>	0.393147	0.135651	2.898216	0.00375292	0.070436211
<i>HINT2</i>	0.258016	0.089031	2.89803	0.00375515	0.070436211
<i>PHB</i>	0.26725	0.092239	2.897362	0.00376315	0.070436211
<i>PLEC</i>	-0.772642	0.266707	-2.89697	0.00376786	0.070436211
<i>CD24</i>	-0.261193	0.090171	-2.896637	0.00377186	0.070436211
<i>TSPAN17</i>	-0.360556	0.124519	-2.895596	0.00378439	0.0705171
<i>HTR3A</i>	1.361698	0.470318	2.895271	0.00378831	0.0705171
<i>PLAC8</i>	-0.240701	0.083196	-2.893189	0.00381352	0.070872991
<i>GNL3</i>	0.318284	0.110234	2.887344	0.00388509	0.072001508
<i>SEPTIN1</i>	-0.234725	0.081298	-2.88722	0.00388662	0.072001508
<i>ACP1</i>	0.172766	0.059903	2.884078	0.00392562	0.072332654
<i>NDUFAF2</i>	0.326543	0.113224	2.884042	0.00392606	0.072332654
<i>CCDC28B</i>	-0.515868	0.17887	-2.884031	0.0039262	0.072332654
<i>GAR1</i>	0.317531	0.110109	2.883777	0.00392937	0.072332654
<i>EIF4B</i>	-0.182995	0.063476	-2.882883	0.00394054	0.072342104
<i>FARSA</i>	0.320236	0.111087	2.882741	0.00394232	0.072342104
<i>OGG1</i>	-0.36531	0.126818	-2.880585	0.00396938	0.072723963
<i>LYAR</i>	0.375672	0.130513	2.878421	0.00399671	0.072987351
<i>OFD1</i>	-0.360621	0.125291	-2.878271	0.00399862	0.072987351
<i>TTC24</i>	-1.767619	0.61416	-2.878106	0.00400071	NA
<i>HSPE1</i>	0.29273	0.101716	2.877922	0.00400304	0.072987351
<i>LMAN1</i>	0.318291	0.110615	2.877465	0.00400885	0.072987351
<i>FAM111A</i>	-0.540288	0.188076	-2.872709	0.00406969	0.073979257
<i>L1CAM</i>	-1.619025	0.563781	-2.871726	0.00408237	0.074026521
<i>MDH2</i>	0.213921	0.074497	2.871521	0.00408501	0.074026521
<i>RASSF7</i>	-0.375728	0.130873	-2.870924	0.00409273	0.07405111
<i>RPS6</i>	-0.137166	0.04782	-2.868362	0.00412603	0.074496691
<i>SLC23A2</i>	0.585569	0.20417	2.868045	0.00413017	0.074496691
<i>S100A6</i>	-0.720512	0.251323	-2.866873	0.00414549	0.074657304
<i>ETS1</i>	-0.331502	0.115662	-2.86612	0.00415537	0.074719593
<i>RPF2</i>	0.319184	0.111498	2.86269	0.00420061	0.075416535
<i>GPT2</i>	0.623589	0.218099	2.859203	0.00424707	0.076067797
<i>PAXX</i>	0.30484	0.106625	2.858987	0.00424996	0.076067797

LINC02328	-1.143507	0.400542	-2.8549	0.00430504	0.076935293
SSR2	-0.161808	0.056729	-2.852311	0.00434026	0.077445633
SMARCB1	0.221536	0.077702	2.851121	0.00435654	0.077585614
MCTS1	0.257828	0.090442	2.850763	0.00436144	0.077585614
WIPF1	-0.26879	0.094378	-2.848007	0.0043994	0.078141437
IARS	0.288721	0.101406	2.847173	0.00441094	0.078145465
GPATCH2L	-0.298139	0.10474	-2.846473	0.00442065	0.078145465
CCNI	-0.175976	0.061826	-2.846297	0.00442309	0.078145465
SMIM29	-0.263765	0.092681	-2.845954	0.00442785	0.078145465
DMXL1	-0.425936	0.149684	-2.845569	0.00443321	0.078145465
PRMT5	0.35825	0.126046	2.842219	0.00448008	0.078852044
MTHFD2	0.381391	0.134275	2.840379	0.004506	0.079188439
PSME2	0.197033	0.069448	2.837143	0.00455192	0.079874934
EPM2AIP1	-0.259684	0.091573	-2.83583	0.00457067	0.079929667
NOP56	0.219584	0.077446	2.835332	0.0045778	0.079929667
RPL13	-0.137972	0.048667	-2.834992	0.00458269	0.079929667
OXR1	-0.473867	0.167163	-2.834753	0.00458611	0.079929667
DISP1	-0.978753	0.345297	-2.834524	0.0045894	0.079929667
TSR1	0.288598	0.101848	2.833618	0.00460243	0.08003686
ZPR1	0.259339	0.09156	2.832456	0.0046192	0.08020858
ALYREF	0.50732	0.179171	2.831493	0.00463313	0.080330575
TMEM191C	0.686698	0.242644	2.830065	0.00465386	0.080569929
ELOF1	0.283015	0.100053	2.828649	0.00467449	0.080705418
BCL2L11	-0.430633	0.152267	-2.828136	0.004682	0.080705418
RAB7A	0.205531	0.072675	2.828101	0.0046825	0.080705418
B4GALT1	-0.414271	0.146531	-2.827186	0.0046959	0.080816706
SSBP1	0.273582	0.096879	2.823956	0.00474349	0.081411517
SRPK1	0.256901	0.090974	2.823891	0.00474446	0.081411517
CAPRIN2	-0.720208	0.255117	-2.823054	0.00475685	0.081504029
PFKFB3	-0.635359	0.225195	-2.821369	0.00478192	0.081812981
NARS	0.240383	0.085262	2.819333	0.00481236	0.082212838
DNPEP	0.223718	0.079513	2.813587	0.00489921	0.083453078
PGAM1	0.252408	0.08971	2.813581	0.0048993	0.083453078
IL7	-0.55387	0.196968	-2.811975	0.00492383	0.083748376
PYCR1	0.416762	0.148347	2.809364	0.00496395	0.084265896
FARSB	0.353422	0.125818	2.808987	0.00496976	0.084265896
GLOD4	0.300706	0.107067	2.80858	0.00497605	0.084265896
AKAP1	0.50145	0.178572	2.808116	0.00498323	0.084265896
YIF1A	0.22598	0.080616	2.803167	0.00506035	0.085228275
FXYD7	-0.928686	0.331359	-2.802654	0.0050684	0.085228275
SPIB	0.196651	0.07017	2.802488	0.00507101	0.085228275
SPTBN1	0.301197	0.107481	2.802323	0.0050736	0.085228275
ILF2	0.233204	0.083224	2.802122	0.00507678	0.085228275
SNRPC	0.2329	0.083348	2.794301	0.00520121	0.08719147
C1D	0.232217	0.083118	2.793835	0.00520871	0.087191562
ENSG00000244459	-0.78642	0.281715	-2.791549	0.00524564	0.087622118
ENSG00000259038	-1.40396	0.502986	-2.791249	0.00525051	0.087622118



<i>RPL30</i>	-0.104964	0.03761	-2.790847	0.00525703	0.087622118
<i>EBF1</i>	-0.462589	0.165822	-2.789665	0.00527625	0.087816791
<i>GM2A</i>	0.469938	0.168519	2.788639	0.00529301	0.087936495
<i>U2AF1L4</i>	-0.348781	0.125087	-2.788299	0.00529856	0.087936495
<i>DDX17</i>	-0.185795	0.066678	-2.786448	0.00532892	0.088189692
<i>YTHDF2</i>	0.270251	0.096988	2.786444	0.00532898	0.088189692
<i>SHQ1</i>	0.526961	0.189188	2.785379	0.00534652	0.088354241
<i>SLC37A1</i>	-0.476667	0.171224	-2.783886	0.00537119	0.088584972
<i>EIF4E</i>	0.22913	0.082314	2.783613	0.00537571	0.088584972
<i>SSRP1</i>	0.215526	0.077447	2.782889	0.00538772	0.08865737
<i>DNAJC7</i>	0.207126	0.074452	2.782002	0.00540247	0.088677861
<i>CDK4</i>	0.295512	0.106238	2.781606	0.00540907	0.088677861
<i>TNFRSF13B</i>	-0.865163	0.311049	-2.78144	0.00541183	0.088677861
<i>NAA20</i>	0.221484	0.079722	2.778214	0.00546586	0.089437147
<i>LRRC59</i>	0.268424	0.096678	2.776463	0.0054954	0.089779248
<i>GNB5</i>	-0.312674	0.112632	-2.77606	0.0055022	0.089779248
<i>TMEM201</i>	0.826319	0.297814	2.774617	0.00552668	0.090052392
<i>NDUFB6</i>	0.319485	0.115186	2.773651	0.00554311	0.090193777
<i>CARNS1</i>	-1.258642	0.453898	-2.772964	0.00555482	0.090258084
<i>TPT1</i>	-0.164635	0.059426	-2.770448	0.00559793	0.09083171
<i>BUD23</i>	0.249997	0.090493	2.762625	0.00573387	0.092907783
<i>ECHS1</i>	0.260218	0.094246	2.761038	0.0057618	0.093230609
<i>PSMD13</i>	0.226465	0.082059	2.759796	0.00578375	0.093455678
<i>CEP135</i>	-0.32215	0.116821	-2.757642	0.005822	0.093893201
<i>LPP</i>	-0.413934	0.150119	-2.757363	0.00582696	0.093893201
<i>SPRYD4</i>	0.461092	0.167471	2.753268	0.00590036	0.094944345
<i>NICN1</i>	0.670679	0.243749	2.751516	0.00593201	0.095321821
<i>TMEM219</i>	-0.22795	0.082918	-2.749087	0.00597616	0.095794519
<i>AARS</i>	0.352858	0.128359	2.748991	0.00597789	0.095794519
<i>FLNA</i>	-0.492881	0.179365	-2.747919	0.00599748	0.095976209
<i>PFDN5</i>	-0.142789	0.05199	-2.746485	0.00602377	0.096133547
<i>CD5</i>	-1.474209	0.536763	-2.746481	0.00602384	0.096133547
<i>SLC16A3</i>	0.743118	0.270655	2.745625	0.00603957	0.096252575
<i>ATP6V0B</i>	0.215607	0.078674	2.74053	0.00613401	0.097623961
<i>PCBD2</i>	-0.413962	0.151079	-2.740042	0.00614314	0.09763563
<i>MYEF2</i>	-0.519116	0.189747	-2.73583	0.00622231	0.098692352
<i>GKAP1</i>	0.535103	0.195607	2.735604	0.00622659	0.098692352
<i>EIF2S2</i>	0.224341	0.082064	2.733729	0.00626216	0.09912099
<i>FAM210A</i>	0.304515	0.111453	2.732229	0.00629073	0.099339905
<i>MPHOSPH9</i>	0.44896	0.164327	2.732107	0.00629306	0.099339905
<i>PPFIBP2</i>	0.435861	0.159923	2.725444	0.00642152	0.101230243
<i>ZNF593</i>	0.289416	0.106402	2.720027	0.00652765	0.10276418
<i>DOP1A</i>	-0.887759	0.326786	-2.716638	0.00659488	0.1036302
<i>HNRNPK</i>	0.144197	0.053085	2.716357	0.00660048	0.1036302
<i>PABPC1</i>	-0.157667	0.058055	-2.715832	0.00661095	0.103654634
<i>PRPF31</i>	0.224379	0.082643	2.715036	0.00662685	0.103764216
<i>KCNH4</i>	1.530315	0.564006	2.713296	0.00666175	0.104170429

<i>GPR183</i>	-0.401809	0.148226	-2.710782	0.00671247	0.104715208
<i>PDCD2L</i>	0.406473	0.149953	2.710677	0.00671459	0.104715208
<i>ST6GAL1</i>	-0.256325	0.0946	-2.709569	0.00673708	0.104840669
<i>BANK1</i>	-0.454694	0.167832	-2.709215	0.00674426	0.104840669
<i>TNIP1</i>	0.222058	0.081973	2.708928	0.0067501	0.104840669
<i>PRPS1</i>	0.325589	0.120219	2.708307	0.00676274	0.104840669
<i>UBALD1</i>	0.296529	0.109499	2.708064	0.00676769	0.104840669
<i>ASF1A</i>	0.343471	0.12689	2.706831	0.00679289	0.105091008
<i>LRPAP1</i>	0.261672	0.096744	2.704803	0.00683449	0.10550244
<i>SIGLEC5</i>	1.420472	0.525196	2.704651	0.00683762	0.10550244
<i>RPP25L</i>	0.286646	0.106052	2.702886	0.00687404	0.105893038
<i>DDB2</i>	-0.298952	0.110644	-2.701922	0.006894	0.105893038
<i>BCL11A</i>	-0.261965	0.096971	-2.70148	0.00690316	0.105893038
<i>MRPL12</i>	0.287653	0.10648	2.701465	0.00690348	0.105893038
<i>PIK3CA</i>	-0.349272	0.129301	-2.701226	0.00690844	0.105893038
<i>PIIB</i>	0.183681	0.068057	2.698939	0.0069561	0.106483168
<i>MNT</i>	0.56974	0.211184	2.697832	0.00697926	0.106697339
<i>ISCA1</i>	0.240342	0.089132	2.696466	0.00700795	0.10699546
<i>JDP2</i>	1.010952	0.375001	2.695863	0.00702066	0.106997223
<i>CCT4</i>	0.163616	0.060702	2.695382	0.0070308	0.106997223
<i>C1QBP</i>	0.297962	0.110555	2.695152	0.00703566	0.106997223
<i>MX2</i>	-0.794506	0.294841	-2.69469	0.00704541	0.107005675
<i>KCTD3</i>	-1.427453	0.529995	-2.693335	0.00707412	0.107301503
<i>OGFRL1</i>	-0.481368	0.179189	-2.686377	0.00722315	0.109419383
<i>MRPS35</i>	0.243689	0.0908	2.683788	0.00727933	0.110127039
<i>NAALADL1</i>	-0.456754	0.170299	-2.68208	0.0073166	0.110467778
<i>C8orf33</i>	0.224481	0.083703	2.681886	0.00732084	0.110467778
<i>CAMK2G</i>	-0.427249	0.159349	-2.681221	0.00733541	0.110544295
<i>MAT2A</i>	0.211173	0.078987	2.673524	0.00750588	0.11296689
<i>PDE7A</i>	0.301165	0.112698	2.672322	0.00753283	0.113226052
<i>FKBP5</i>	0.58127	0.217617	2.671073	0.00756092	0.113379864
<i>ABRAXAS1</i>	-0.365325	0.136775	-2.671	0.00756256	0.113379864
<i>KLHL5</i>	-0.41492	0.155406	-2.669917	0.00758701	0.113600058
<i>SGSM3</i>	-0.276001	0.103408	-2.669053	0.00760655	0.113746269
<i>PDCD11</i>	0.300547	0.112709	2.666572	0.00766292	0.114442183
<i>NMT2</i>	-0.616984	0.231466	-2.665551	0.00768623	0.114643135
<i>PDCD5</i>	0.2188	0.082135	2.66389	0.00772428	0.115063062
<i>PDIA4</i>	0.321549	0.120761	2.662698	0.0077517	0.115323874
<i>RPL26L1</i>	0.224332	0.084266	2.662185	0.00776351	0.115352065
<i>UPP1</i>	0.766389	0.287929	2.661727	0.00777409	0.115361924
<i>SNRPG</i>	0.171422	0.064465	2.659168	0.00783339	0.116093769
<i>MYO7B</i>	-2.174092	0.817589	-2.65915	0.00783381	NA
<i>EIF3A</i>	0.181735	0.068387	2.657462	0.00787315	0.116471721
<i>SLC3A2</i>	0.286677	0.107886	2.657215	0.00787891	0.116471721
<i>IFNAR2</i>	0.293397	0.110445	2.656492	0.00789584	0.116573887
<i>CAST</i>	-0.296435	0.11162	-2.655757	0.00791306	0.116679967
<i>ZNF165</i>	0.536538	0.202257	2.652751	0.00798388	0.117575311

<i>HIGD2A</i>	-0.207271	0.078149	-2.65226	0.0079955	0.117597483
<i>PTGS1</i>	-0.720528	0.27196	-2.649392	0.00806367	0.118450465
<i>TRUB2</i>	0.346772	0.130918	2.648775	0.00807841	0.118517367
<i>SH2B3</i>	0.544104	0.205544	2.647142	0.00811753	0.118941223
<i>ETFA</i>	0.272692	0.103137	2.643989	0.00819354	0.119903889
<i>RPS23</i>	-0.127011	0.048088	-2.641189	0.00826156	0.12074744
<i>NPC2</i>	-0.329709	0.124864	-2.640538	0.00827745	0.12075434
<i>DNAJB1</i>	0.363232	0.137588	2.640003	0.00829052	0.12075434
<i>SLC38A1</i>	-0.243315	0.092168	-2.639895	0.00829317	0.12075434
<i>SH2D3C</i>	-0.50342	0.190825	-2.638118	0.00833675	0.120962829
<i>TXNRD1</i>	0.294261	0.111548	2.637977	0.00834023	0.120962829
<i>GPR137</i>	-0.264167	0.10014	-2.637965	0.00834053	0.120962829
<i>SRM</i>	0.447198	0.169546	2.637617	0.00834908	0.120962829
<i>GADD45A</i>	0.57579	0.218452	2.635777	0.00839449	0.121469585
<i>CHORDC1</i>	0.292606	0.111113	2.633418	0.00845304	0.122164757
<i>MATK</i>	1.110841	0.421951	2.632631	0.00847264	0.122296201
<i>GFI1</i>	1.115809	0.423946	2.631962	0.00848934	0.122385278
<i>HPRT1</i>	0.226979	0.086256	2.631442	0.00850234	0.122421007
<i>PPP2CA</i>	0.237295	0.090199	2.630797	0.00851848	0.122501884
<i>RPIA</i>	0.223775	0.085137	2.628413	0.00857844	0.123211758
<i>SAP18</i>	0.143985	0.054821	2.626477	0.00862739	0.123762064
<i>CEP126</i>	-0.842042	0.320694	-2.625689	0.00864738	0.12382111
<i>CCDC141</i>	-0.828149	0.315428	-2.625476	0.00865279	0.12382111
<i>ATG101</i>	0.344421	0.131212	2.624912	0.00866713	0.123874002
<i>CCR9</i>	2.108226	0.80326	2.624587	0.00867542	NA
<i>ZBTB18</i>	-0.516713	0.196929	-2.623859	0.00869398	0.124105247
<i>CCDC71L</i>	-0.609571	0.232386	-2.623092	0.00871357	0.124232467
<i>TGFBR2</i>	-0.235813	0.089924	-2.622367	0.00873214	0.124344789
<i>ZBTB8OS</i>	0.221741	0.084608	2.620807	0.00877219	0.124762406
<i>NASP</i>	0.208072	0.07941	2.620235	0.00878692	0.124819299
<i>WDR97</i>	1.7268	0.65938	2.618822	0.0088234	NA
<i>DALRD3</i>	-0.254569	0.097362	-2.614676	0.0089312	0.126714147
<i>MAN1B1</i>	-0.391738	0.149867	-2.613914	0.00895117	0.126740458
<i>TLE1</i>	0.633288	0.242289	2.613773	0.00895484	0.126740458
<i>TMEM230</i>	0.283307	0.10844	2.612576	0.00898626	0.127030601
<i>PPAN</i>	0.255402	0.097818	2.610976	0.00902841	0.127471508
<i>PDE4B</i>	-0.284442	0.108987	-2.609861	0.0090579	0.127732862
<i>RASSF2</i>	-0.340081	0.130393	-2.608114	0.00910426	0.128099281
<i>SPPL2B</i>	-0.402083	0.15417	-2.608052	0.00910591	0.128099281
<i>IKBKB</i>	-0.356026	0.13656	-2.607106	0.00913111	0.128181831
<i>MALAT1</i>	-0.176095	0.067548	-2.606976	0.00913458	0.128181831
<i>FAM41C</i>	0.461558	0.177092	2.606319	0.00915211	0.128181831
<i>CHCHD2</i>	0.183599	0.070447	2.60618	0.00915585	0.128181831
<i>LGALS1</i>	-0.817439	0.313725	-2.605589	0.00917163	0.128191786
<i>KANSL3</i>	0.727623	0.279283	2.60533	0.00917859	0.128191786
<i>PPM1K</i>	-0.287916	0.110641	-2.602244	0.00926159	0.128962085
<i>ALKBH2</i>	0.298003	0.114519	2.60221	0.0092625	0.128962085

<i>NFKBIB</i>	0.262415	0.100859	2.601796	0.0092737	0.128962085
<i>YPEL5</i>	-0.345547	0.13284	-2.601225	0.00928914	0.128962085
<i>MRPL47</i>	0.207079	0.079608	2.601224	0.00928917	0.128962085
<i>TCTN1</i>	-0.865581	0.332876	-2.600313	0.00931388	0.129150925
<i>GABARAPL1</i>	0.728463	0.280226	2.599556	0.00933444	0.129213944
<i>PSD3</i>	-1.038237	0.399462	-2.599092	0.00934707	0.129213944
<i>TFEB</i>	0.450367	0.17329	2.598921	0.00935174	0.129213944
<i>HM13</i>	0.219106	0.084331	2.598149	0.00937278	0.12926196
<i>ENSG00000276136</i>	-0.826384	0.318104	-2.59784	0.00938121	0.12926196
<i>GZF1</i>	0.568627	0.218907	2.597572	0.00938855	0.12926196
<i>CLN6</i>	0.290213	0.111939	2.592599	0.00952538	0.130990847
<i>RPL3</i>	-0.143583	0.0554	-2.591779	0.00954811	0.131148465
<i>SH2D2A</i>	0.721915	0.278941	2.588057	0.00965189	0.132417579
<i>MRPS7</i>	0.193945	0.074993	2.586175	0.00970476	0.132986054
<i>ICA1</i>	1.945017	0.752661	2.584187	0.00976088	0.133597792
<i>ENSG00000204758</i>	-1.386389	0.537126	-2.581124	0.00984792	0.134622297
<i>BARD1</i>	-0.482156	0.186829	-2.58074	0.00985888	0.134622297
<i>NUDT5</i>	0.233279	0.090439	2.579418	0.0098967	0.134980354
<i>ZNF277</i>	-0.285118	0.110557	-2.578933	0.00991061	0.135003487
<i>XRCC5</i>	0.156307	0.060618	2.57855	0.00992161	0.135003487
<i>PRELID3B</i>	0.223588	0.086775	2.576655	0.00997615	0.135586992
<i>KBTBD3</i>	-0.411199	0.159671	-2.575281	0.01001588	0.135968223
<i>IL10RA</i>	-0.394788	0.153368	-2.57413	0.01004924	0.136262122
<i>RAP2C</i>	-0.308446	0.119884	-2.572863	0.01008611	0.136602769
<i>NOP2</i>	0.335851	0.130566	2.572265	0.01010354	0.136611048
<i>CEBPB</i>	0.756845	0.294267	2.571967	0.01011224	0.136611048
<i>PKN1</i>	0.308527	0.119973	2.571635	0.01012195	0.136611048
<i>CEMIP2</i>	-0.670151	0.260639	-2.571179	0.0101353	0.136632742
<i>EML2</i>	0.392483	0.152762	2.569246	0.01019201	0.137188239
<i>DYNLT3</i>	-0.293847	0.114383	-2.568971	0.01020009	0.137188239
<i>PVT1</i>	0.516265	0.201133	2.566792	0.01026442	0.137894063
<i>PROC</i>	-1.908175	0.743563	-2.56626	0.01028018	NA
<i>CCDC59</i>	0.176158	0.068704	2.564001	0.01034732	0.13884748
<i>MARCHF1</i>	-0.523948	0.204438	-2.56287	0.0103811	0.13900933
<i>AK6</i>	0.233272	0.091034	2.562479	0.0103928	0.13900933
<i>PSMA6</i>	0.267393	0.104369	2.562009	0.01040687	0.13900933
<i>TOMM22</i>	0.185726	0.072493	2.561998	0.01040718	0.13900933
<i>EIF2S1</i>	0.223707	0.087343	2.561253	0.01042954	0.139017502
<i>PBX4</i>	1.086479	0.424223	2.561102	0.01043406	0.139017502
<i>MAFG.DT</i>	0.864207	0.337505	2.560579	0.01044978	0.139017502
<i>SF3B5</i>	0.138803	0.054212	2.560386	0.01045559	0.139017502
<i>CLIC1</i>	-0.277843	0.108536	-2.559915	0.01046978	0.139047251
<i>RCSD1</i>	-0.315054	0.123163	-2.558019	0.01052703	0.139514222
<i>UQCR11</i>	0.177011	0.0692	2.557953	0.01052904	0.139514222
<i>IER5L</i>	-1.392427	0.544435	-2.557561	0.01054092	0.139514222
<i>CHRN1</i>	-0.422094	0.16517	-2.55551	0.01060324	0.140179705
<i>NDUFAB1</i>	0.24681	0.096617	2.55451	0.01063375	0.140423444

<i>CRYM</i>	-1.389567	0.544107	-2.553847	0.01065401	0.140531476
<i>SNX20</i>	-0.420019	0.16459	-2.551913	0.01071333	0.14115384
<i>ZNF33B</i>	-0.433343	0.169879	-2.550893	0.01074474	0.141407542
<i>M6PR</i>	0.169228	0.066353	2.550429	0.01075905	0.141435952
<i>MRPL22</i>	0.189382	0.074276	2.549724	0.01078083	0.141552937
<i>CEBPG</i>	0.242785	0.095234	2.549353	0.01079229	0.141552937
<i>USP6NL</i>	-0.392052	0.153836	-2.548507	0.01081852	0.141737196
<i>TMEM256</i>	-0.203012	0.079699	-2.547222	0.01085843	0.141859106
<i>TRMT1</i>	0.216658	0.08506	2.547137	0.01086108	0.141859106
<i>SMIM7</i>	-0.164317	0.064513	-2.54703	0.0108644	0.141859106
<i>FOXO4</i>	-1.055129	0.414426	-2.546004	0.01089639	0.141936624
<i>SLC25A15</i>	-1.018343	0.400009	-2.545798	0.01090282	0.141936624
<i>POLR1E</i>	0.313677	0.12322	2.545666	0.01090694	0.141936624
<i>PSMA7</i>	0.193071	0.075869	2.544803	0.01093393	0.142128852
<i>FUBP1</i>	0.202377	0.079542	2.544263	0.01095085	0.142130414
<i>NAP1L1</i>	-0.186165	0.073178	-2.54402	0.01095848	0.142130414
<i>LINC00847</i>	0.394266	0.155018	2.543351	0.0109795	0.142244408
<i>MCRIP2</i>	0.328887	0.129337	2.542879	0.01099434	0.142278279
<i>HDGF</i>	0.246145	0.096845	2.541629	0.01103374	0.142629425
<i>HGSNAT</i>	-0.48864	0.192396	-2.539764	0.01109272	0.14301256
<i>SHISAL2A</i>	0.367588	0.144757	2.539342	0.01110611	0.14301256
<i>ATP2A2</i>	0.354702	0.139686	2.539276	0.01110823	0.14301256
<i>LPAR5</i>	-0.468398	0.184471	-2.53914	0.01111255	0.14301256
<i>RIC8B</i>	-0.99791	0.393152	-2.538228	0.01114155	0.143227384
<i>PSMB3</i>	0.180877	0.071333	2.535663	0.01122347	0.144067364
<i>TWINK</i>	0.441664	0.174198	2.535408	0.01123166	0.144067364
<i>PSMD14</i>	0.198312	0.078284	2.533225	0.01130185	0.144762899
<i>CPEB4</i>	0.512464	0.202335	2.532756	0.01131695	0.144762899
<i>DRAM1</i>	0.56941	0.224835	2.532563	0.01132321	0.144762899
<i>MDM2</i>	0.309435	0.122223	2.531725	0.01135029	0.144928518
<i>NCBP2AS2</i>	0.231936	0.091624	2.531392	0.01136108	0.144928518
<i>LSM1</i>	0.159296	0.063051	2.526462	0.01152177	0.146817384
<i>MKNK2</i>	-0.378767	0.149945	-2.526032	0.0115359	0.146836595
<i>S1PR1</i>	-0.5021	0.198854	-2.524967	0.01157091	0.147121294
<i>NT5DC3</i>	0.619346	0.245389	2.523942	0.01160472	0.147390076
<i>LGALS3BP</i>	-1.949695	0.773139	-2.521792	0.01167588	NA
<i>PYCR2</i>	0.250127	0.099241	2.520409	0.01172184	0.148606224
<i>EIF3D</i>	-0.17809	0.070663	-2.520267	0.01172658	0.148606224
<i>CEP112</i>	-1.033338	0.410074	-2.519882	0.01173941	0.148606224
<i>WDR18</i>	0.275584	0.109403	2.518975	0.0117697	0.148606224
<i>MTDH</i>	0.243801	0.096794	2.518764	0.01177674	0.148606224
<i>WDFY2</i>	-0.442546	0.17573	-2.518325	0.01179143	0.148606224
<i>EHD4</i>	-0.305749	0.121424	-2.518033	0.01180124	0.148606224
<i>PPDPF</i>	-0.285914	0.113549	-2.51799	0.01180266	0.148606224
<i>CRIP3</i>	-0.702645	0.279112	-2.517426	0.01182157	0.148683445
<i>CCDC50</i>	-0.217938	0.08665	-2.515167	0.0118976	0.149202546
<i>COL19A1</i>	-0.566319	0.225165	-2.515134	0.01189873	0.149202546

<i>ST8SIA4</i>	-0.399716	0.158929	-2.515057	0.01190132	0.149202546
<i>MRPS17</i>	0.288832	0.114864	2.514548	0.01191849	0.149257008
<i>ADA</i>	-0.337338	0.13433	-2.511254	0.01203031	0.150433099
<i>NUDT14</i>	-0.569782	0.226913	-2.511021	0.01203827	0.150433099
<i>ANXA5</i>	-0.385043	0.15351	-2.508262	0.01213267	0.151450144
<i>WDR36</i>	0.310033	0.123625	2.507861	0.01214644	0.151459014
<i>SRSF3</i>	0.174033	0.069405	2.507484	0.01215942	0.151459014
<i>SORL1</i>	-0.436197	0.173995	-2.506953	0.0121777	0.15152441
<i>CD180</i>	0.515492	0.205691	2.506149	0.01220541	0.151707006
<i>SYVN1</i>	0.330577	0.131958	2.505175	0.01223908	0.151903633
<i>WDR43</i>	0.248934	0.099388	2.504667	0.01225667	0.151903633
<i>PIP4P2</i>	-0.618877	0.2471	-2.504559	0.0122604	0.151903633
<i>RPL34</i>	-0.123316	0.049258	-2.503481	0.01229784	0.152205344
<i>NUCB1</i>	-0.251519	0.100622	-2.499636	0.01243209	0.153470659
<i>GABBR1</i>	-0.53894	0.215616	-2.499538	0.01243554	0.153470659
<i>MTHFD1L</i>	0.526206	0.210531	2.499421	0.01243965	0.153470659
<i>AATF</i>	0.248893	0.099621	2.498405	0.01247537	0.153655902
<i>IFI44</i>	-0.937714	0.375349	-2.498243	0.01248108	0.153655902
<i>ILK</i>	-0.290677	0.116405	-2.497107	0.01252113	0.153986017
<i>BZW2</i>	0.268247	0.107544	2.494306	0.01262038	0.154981963
<i>FBXL20</i>	-0.430621	0.172658	-2.49407	0.01262875	0.154981963
<i>MBD2</i>	0.29924	0.120048	2.492672	0.0126786	0.155429707
<i>CHD7</i>	0.288417	0.115823	2.490158	0.01276864	0.156368765
<i>TMEM41B</i>	0.399499	0.160522	2.488755	0.01281914	0.156791095
<i>TBC1D2B</i>	-0.869015	0.349267	-2.488113	0.01284229	0.156791095
<i>ENSG00000272211</i>	-0.502741	0.20206	-2.488078	0.01284356	0.156791095
<i>ENSG00000225938</i>	-0.926219	0.372489	-2.486568	0.0128982	0.157138761
<i>DDX1</i>	0.228677	0.091966	2.486544	0.01289905	0.157138761
<i>LRRC1</i>	-0.84349	0.339525	-2.484325	0.01297974	0.157940986
<i>RAB11B</i>	-0.216475	0.087159	-2.48368	0.01300327	0.157940986
<i>PCNA</i>	0.335682	0.135159	2.483615	0.01300563	0.157940986
<i>FLOT2</i>	-0.271795	0.109489	-2.482398	0.01305014	0.158316326
<i>EIF3L</i>	-0.198101	0.079821	-2.481808	0.01307178	0.158354777
<i>ENSG00000260349</i>	0.624229	0.251546	2.481569	0.01308054	0.158354777
<i>MRPL40</i>	0.216385	0.087326	2.477908	0.01321551	0.159735016
<i>FXN</i>	0.327326	0.132107	2.477733	0.01322201	0.159735016
<i>LRRC25</i>	1.679857	0.678879	2.474459	0.01334383	NA
<i>NAT14</i>	0.65775	0.265956	2.473155	0.01339259	0.161610067
<i>ENSG00000267136</i>	2.373139	0.959628	2.472977	0.01339928	NA
<i>RAB6A</i>	-0.242997	0.098276	-2.472601	0.01341339	0.161610067
<i>PDCD4</i>	0.397677	0.160857	2.472232	0.01342722	0.161610067
<i>UTP11</i>	0.258687	0.104643	2.472084	0.01343278	0.161610067
<i>ATP2B1</i>	-0.176275	0.071321	-2.471562	0.01345244	0.161679439
<i>CCSER1</i>	-0.658528	0.266812	-2.468134	0.01358195	0.163067545
<i>CABLES1</i>	-0.863119	0.349824	-2.467296	0.01361378	0.163259405
<i>HSD17B11</i>	-0.281073	0.113961	-2.4664	0.01364789	0.163259405
<i>HNRNPA2B1</i>	0.176156	0.071427	2.46624	0.01365397	0.163259405

<i>RBM8A</i>	0.13283	0.053867	2.465884	0.01366756	0.163259405
<i>CDK19</i>	-0.40743	0.165227	-2.46587	0.0136681	0.163259405
<i>RPL12</i>	-0.147538	0.059855	-2.464904	0.01370501	0.163532442
<i>FAM167A</i>	0.984911	0.399812	2.463438	0.01376117	0.164002412
<i>SLC9B2</i>	0.318432	0.129279	2.46314	0.01377259	0.164002412
<i>RASGRP2</i>	-0.417422	0.169544	-2.462032	0.01381523	0.164341954
<i>HDDC2</i>	0.194358	0.078988	2.460602	0.0138704	0.164712643
<i>LIMD2</i>	-0.253589	0.103071	-2.460332	0.01388085	0.164712643
<i>CPNE5</i>	0.619799	0.25194	2.460102	0.01388977	0.164712643
<i>SLC29A1</i>	0.605157	0.246023	2.459759	0.01390303	0.164712643
<i>RCN1</i>	0.334281	0.136107	2.456022	0.01404844	0.166133166
<i>ITPA</i>	0.29196	0.118879	2.455944	0.01405149	0.166133166
<i>PLEKHJ1</i>	-0.241962	0.098622	-2.453441	0.01414969	0.167124334
<i>PRKDC</i>	0.239646	0.097722	2.45234	0.01419304	0.167282076
<i>FAM126A</i>	-0.380904	0.155331	-2.45221	0.01419816	0.167282076
<i>GDF11</i>	-0.424775	0.173236	-2.452007	0.01420618	0.167282076
<i>CHD2</i>	-0.247263	0.100904	-2.450475	0.01426679	0.167825927
<i>CAMLG</i>	-0.222047	0.090631	-2.45	0.01428561	0.167877548
<i>TRIAP1</i>	0.240388	0.098141	2.449416	0.01430881	0.167980458
<i>BTB</i>	-0.714298	0.291765	-2.448195	0.01435738	0.168188325
<i>CAMK2D</i>	-0.391557	0.159944	-2.448087	0.0143617	0.168188325
<i>CYTH4</i>	-0.468115	0.191233	-2.447882	0.01436988	0.168188325
<i>SNX14</i>	-0.333855	0.136407	-2.447492	0.01438541	0.168200913
<i>FAM214B</i>	-0.819856	0.335105	-2.446568	0.01442234	0.168322134
<i>TRMT10B</i>	-0.344883	0.14097	-2.446509	0.01442472	0.168322134
<i>GPR65</i>	-0.269694	0.11029	-2.445312	0.01447269	0.168712657
<i>FAM53B</i>	-0.362471	0.148323	-2.443797	0.01453361	0.169253283
<i>SNRNP25</i>	-0.202422	0.082904	-2.441628	0.01462122	0.170103248
<i>DRAP1</i>	-0.179718	0.073624	-2.441044	0.01464488	0.170136918
<i>SORBS3</i>	-0.782348	0.320581	-2.440404	0.01467083	0.170136918
<i>SLC25A19</i>	0.28208	0.115589	2.440372	0.01467213	0.170136918
<i>OTUD4</i>	0.349242	0.143125	2.440114	0.01468261	0.170136918
<i>SRSF1</i>	0.182403	0.074773	2.439431	0.01471043	0.170289707
<i>SETX</i>	-0.322884	0.132407	-2.438571	0.01474547	0.170525639
<i>LRRFIP1</i>	-0.224625	0.09215	-2.437605	0.01478494	0.17057206
<i>GRINA</i>	0.280311	0.115004	2.437396	0.01479347	0.17057206
<i>CCDC112</i>	-0.3996	0.163953	-2.437285	0.01479803	0.17057206
<i>FDFT1</i>	0.209271	0.08588	2.43678	0.01481868	0.17057206
<i>APOBEC3D</i>	-0.398101	0.163378	-2.43668	0.01482279	0.17057206
<i>RRP1</i>	0.238943	0.098081	2.436175	0.01484349	0.170641448
<i>ENSG00000225335</i>	-2.163301	0.888446	-2.434926	0.01489484	NA
<i>ZNF224</i>	-0.326087	0.133921	-2.434917	0.01489521	0.17082895
<i>MMP7</i>	1.298591	0.533381	2.434641	0.01490658	0.17082895
<i>PEA15</i>	-0.271805	0.111644	-2.43456	0.01490989	0.17082895
<i>EIF3E</i>	-0.155126	0.063724	-2.434351	0.01491853	0.17082895
<i>CEBPZ</i>	0.239788	0.098548	2.433215	0.01496541	0.171197255
<i>PEX2</i>	0.234016	0.096261	2.431062	0.01505464	0.172003132

GLIPR1	-0.364921	0.150124	-2.430802	0.01506543	0.172003132
MRPL50	0.260567	0.107238	2.429808	0.01510684	0.172306817
SLC25A17	0.353095	0.145392	2.428574	0.01515832	0.172552534
PGM2L1	-0.481016	0.198073	-2.428482	0.01516217	0.172552534
MRPL18	0.21872	0.090074	2.428226	0.01517288	0.172552534
EHBP1	0.466588	0.192226	2.427284	0.01521235	0.172644842
PIK3CD	0.355476	0.146461	2.427106	0.01521982	0.172644842
SSB	0.181049	0.074606	2.426733	0.01523547	0.172644842
NAGK	-0.274589	0.113157	-2.426617	0.01524035	0.172644842
APMAP	0.410378	0.169149	2.426138	0.01526046	0.172704414
KLF6	-0.301776	0.124414	-2.425573	0.01528424	0.172805509
ENSG00000273247	-0.277732	0.114605	-2.423373	0.01537715	0.173687111
WDR74	0.26191	0.108109	2.422645	0.01540799	0.173866681
UBE2T	0.51974	0.214578	2.422149	0.01542901	0.173935134
FAM111A.DT	-0.550418	0.227285	-2.42171	0.01544769	0.173977144
NR6A1	0.585931	0.242005	2.42115	0.0154715	0.173977491
RPL11	-0.111328	0.045984	-2.421006	0.01547763	0.173977491
ZNF782	-0.867858	0.3587	-2.419453	0.01554388	0.174501155
VCP	0.220626	0.091198	2.419211	0.01555421	0.174501155
ZNF239	0.842101	0.348147	2.418805	0.01557158	0.174519814
MRPL32	0.234406	0.096923	2.418471	0.01558588	0.174519814
CARD19	-0.38935	0.16106	-2.417422	0.0156309	0.174855652
MECR	0.431486	0.178599	2.415951	0.01569418	0.175394911
ENSG00000274605	0.619183	0.256416	2.414755	0.01574581	0.175448185
FAM219B	-0.277731	0.115021	-2.414608	0.01575216	0.175448185
VAMP1	-0.450289	0.18649	-2.414553	0.01575451	0.175448185
USP15	-0.212484	0.088005	-2.414443	0.01575927	0.175448185
ENSG00000274265	-0.404671	0.167717	-2.412813	0.01582995	0.175820233
TBL2	0.418827	0.173587	2.412779	0.01583141	0.175820233
KCNK6	-0.362884	0.15041	-2.412627	0.01583803	0.175820233
PLPP3	1.081252	0.44835	2.411625	0.01588159	0.175996084
WIZ	0.42598	0.17664	2.411567	0.01588412	0.175996084
PLEKHB2	0.250861	0.104062	2.410678	0.01592292	0.176258098
PAFAH1B2	-0.198739	0.082465	-2.409978	0.01595349	0.176428655
IKZF3	-0.198214	0.082262	-2.409554	0.01597205	0.176466123
TMED10	0.200866	0.083492	2.405817	0.01613634	0.178100318
MCM3AP.AS1	-0.53901	0.224074	-2.405495	0.01615058	0.178100318
ILVBL	0.419047	0.17433	2.403755	0.01622767	0.178780926
UXT	-0.09809	0.040833	-2.402254	0.01629437	0.179346007
ABCA2	1.364388	0.56808	2.401756	0.01631659	0.17942085
RPL28	-0.164291	0.068513	-2.397943	0.01648745	0.181128358
AFF3	-0.373938	0.155989	-2.397203	0.01652076	0.181286957
LINC01800	-1.382686	0.576857	-2.396931	0.01653305	0.181286957
LINC00926	-0.387773	0.161811	-2.396454	0.01655457	0.181352019
CASD1	0.565885	0.23637	2.394066	0.01666277	0.182240042
IRAK3	-1.16196	0.485369	-2.393973	0.01666696	0.182240042
IGHV4.34	-1.795103	0.750611	-2.391522	0.0167787	NA



<i>RAE1</i>	0.348222	0.145623	2.391262	0.01679056	0.183303471
<i>CD19</i>	-0.186597	0.078037	-2.391149	0.01679573	0.183303471
<i>RAB30</i>	0.272946	0.11424	2.389234	0.01688356	0.183611251
<i>C12orf76</i>	-0.350074	0.146538	-2.38897	0.01689566	0.183611251
<i>HSDL1</i>	-0.648605	0.271506	-2.388914	0.01689824	0.183611251
<i>PSMB7</i>	0.164706	0.068954	2.388632	0.01691125	0.183611251
<i>ATP6VOA1</i>	0.470972	0.197205	2.388228	0.01692983	0.183611251
<i>DEF6</i>	-0.336372	0.140852	-2.388117	0.01693495	0.183611251
<i>CD48</i>	-0.220906	0.092522	-2.387589	0.0169593	0.183611251
<i>S100A11</i>	-0.416946	0.174646	-2.387374	0.01696923	0.183611251
<i>RIPOR1</i>	-0.387459	0.162313	-2.387109	0.01698147	0.183611251
<i>MAGOHB</i>	0.222477	0.093199	2.387103	0.01698175	0.183611251
<i>MBP</i>	-0.317382	0.132978	-2.386729	0.01699901	0.18362719
<i>ZFP14</i>	-0.353497	0.148163	-2.385864	0.01703907	0.183889195
<i>ANAPC11</i>	0.158545	0.06649	2.384504	0.01710215	0.184264055
<i>BCLAF3</i>	-0.698897	0.293154	-2.384063	0.01712267	0.184264055
<i>SF3B6</i>	0.149106	0.062546	2.383937	0.01712853	0.184264055
<i>FKBP1B</i>	-1.030945	0.432488	-2.383752	0.01713716	0.184264055
<i>STOML2</i>	0.2003	0.084062	2.382768	0.017183	0.184354872
<i>ABLIM2</i>	-1.013241	0.425289	-2.382475	0.01719671	0.184354872
<i>GTF3A</i>	0.210459	0.08834	2.38238	0.01720114	0.184354872
<i>MAU2</i>	-0.400264	0.168022	-2.382212	0.01720899	0.184354872
<i>NEK11</i>	-1.727183	0.725323	-2.381262	0.01725346	NA
<i>TXNIP</i>	-0.298774	0.125521	-2.380277	0.01729962	0.185155297
<i>TMEM185A</i>	-0.421876	0.177357	-2.378688	0.01737438	0.185635406
<i>WNT16</i>	1.038403	0.436552	2.378645	0.01737639	0.185635406
<i>UBE2S</i>	0.394132	0.165733	2.378115	0.0174014	0.185642642
<i>NPHP3</i>	-0.460487	0.193649	-2.377954	0.01740898	0.185642642
<i>PSMD1</i>	0.218072	0.091742	2.377001	0.01745404	0.185925784
<i>UBA52</i>	-0.116282	0.048928	-2.376587	0.01747362	0.185925784
<i>SNRPF</i>	0.201558	0.084817	2.376379	0.01748348	0.185925784
<i>ST13</i>	-0.089024	0.037485	-2.374934	0.01755207	0.186324982
<i>SEC61B</i>	-0.231021	0.097288	-2.374597	0.01756813	0.186324982
<i>GSTM4</i>	-0.762896	0.321277	-2.374577	0.01756907	0.186324982
<i>MPG</i>	-0.249991	0.105354	-2.372854	0.01765123	0.187025885
<i>CCT2</i>	0.172318	0.072631	2.372515	0.01766747	0.187027569
<i>DUSP14</i>	0.442962	0.186814	2.371144	0.01773313	0.18755198
<i>C9orf72</i>	-0.407789	0.17205	-2.370181	0.01777939	0.187870537
<i>HDHD5</i>	0.299938	0.126575	2.369646	0.01780511	0.187971513
<i>DNAJA1</i>	0.176513	0.074546	2.367828	0.01789285	0.188527372
<i>PLEKHO1</i>	0.304713	0.128703	2.367564	0.01790561	0.188527372
<i>TCIRG1</i>	-0.393047	0.166014	-2.367548	0.01790637	0.188527372
<i>ZFAND2B</i>	-0.229896	0.097128	-2.366941	0.01793578	0.188666242
<i>HDAC6</i>	-0.397038	0.167782	-2.366385	0.01796278	0.188779525
<i>CPLANE1</i>	-0.544371	0.230112	-2.365684	0.01799678	0.188901052
<i>RPL32</i>	-0.09443	0.03992	-2.365478	0.01800681	0.188901052
<i>APOBR</i>	-1.474011	0.623613	-2.363663	0.01809525	NA

ZEB1	-0.334132	0.141575	-2.360106	0.01826971	0.191367545
SYK	-0.278706	0.118096	-2.360002	0.01827483	0.191367545
UBAP2	0.300966	0.127601	2.358648	0.01834165	0.191894561
HHIP.AS1	-1.354319	0.574416	-2.35773	0.01838706	0.192093207
RIOK1	0.290508	0.123222	2.357597	0.01839366	0.192093207
TAF2	0.382798	0.162426	2.356757	0.01843531	0.192254499
GNAI3	-0.21341	0.090561	-2.356525	0.0184468	0.192254499
ATF4	0.22436	0.095217	2.356286	0.01845868	0.192254499
WNT2B	-0.98257	0.417079	-2.355837	0.01848101	0.192314952
KMT2A	-0.232917	0.098929	-2.354392	0.01855302	0.192891698
ZC3H18	0.260627	0.110736	2.353589	0.01859314	0.193017818
ENSG00000237773	-0.67056	0.284922	-2.353486	0.01859833	0.193017818
BAZ2A	-0.242819	0.103217	-2.352516	0.01864687	0.193349104
SERPINF2	-1.40667	0.598216	-2.35144	0.0187009	0.193736661
SNRPB2	0.153631	0.065352	2.350812	0.0187325	0.193891416
MCAT	0.342835	0.145925	2.349395	0.01880396	0.194457983
CIAPIN1	0.314601	0.133943	2.348773	0.01883537	0.19449766
HAX1	0.166378	0.070839	2.348657	0.01884123	0.19449766
UBR2	-0.296935	0.126477	-2.347744	0.0188875	0.194619775
U2AF2	0.248228	0.105744	2.347443	0.01890275	0.194619775
SP3	-0.249459	0.106269	-2.347434	0.01890324	0.194619775
ZCRB1	0.183282	0.078159	2.345005	0.01902685	0.195709301
ANKRD49	-0.263596	0.112422	-2.344694	0.01904271	0.195709301
VKORC1L1	0.407556	0.173932	2.343188	0.01911973	0.196327379
GBP7	0.808616	0.345465	2.340661	0.01924963	0.197486907
RPLP2	-0.120131	0.051339	-2.339973	0.01928512	0.197592415
ARAP2	-0.438983	0.187615	-2.339804	0.01929388	0.197592415
ABT1	0.219052	0.093663	2.338722	0.01934983	0.197802177
ZNF800	-0.321501	0.13747	-2.3387	0.01935099	0.197802177
SUV39H2	0.509764	0.217995	2.338422	0.01936537	0.197802177
CNBP	0.190534	0.081502	2.337788	0.01939827	0.197964448
ZNF436.AS1	-1.05272	0.450537	-2.336591	0.01946048	0.198175082
KAT2A	0.291251	0.124651	2.336536	0.0194633	0.198175082
PRKCI	0.661797	0.283254	2.336408	0.01947001	0.198175082
SLC2A1	-0.401529	0.171961	-2.335005	0.01954318	0.198745964
ZC3H7A	-0.398127	0.170557	-2.334271	0.01958153	0.198821436
PRR5	0.641803	0.275047	2.333433	0.01962544	0.198821436
SMURF2	-0.480489	0.205916	-2.333421	0.01962607	0.198821436
TLE3	-0.293194	0.125652	-2.333376	0.01962842	0.198821436
A1BG	-0.300113	0.128625	-2.33323	0.01963605	0.198821436
CENPP	0.591651	0.25373	2.33181	0.0197107	0.1994037
TAF4B	0.455733	0.19553	2.330757	0.01976615	0.199790991
FTSJ1	0.37668	0.161712	2.329325	0.01984185	0.200381973
TEC	-0.861996	0.370779	-2.324823	0.02008141	0.20262544
MFN1	-0.339536	0.14608	-2.324307	0.02010905	0.202728534
LINC02482	-0.741507	0.319279	-2.32244	0.02020924	0.20338878
STX7	-0.194077	0.083566	-2.322435	0.02020951	0.20338878

ATIC	0.208453	0.089776	2.321915	0.02023749	0.20349435
MRPS26	0.167751	0.072275	2.321025	0.02028547	0.203800677
PAN3	-0.249988	0.107733	-2.320443	0.0203169	0.203926389
TSTD1	-0.236449	0.101911	-2.320145	0.02033304	0.203926389
SEPTIN2	0.245264	0.105807	2.318031	0.02044762	0.204898891
SHPRH	-0.279449	0.120658	-2.316045	0.0205558	0.205805683
XRN1	-0.344454	0.148752	-2.31563	0.02057846	0.205855421
ENSG00000246528	0.906306	0.391519	2.314845	0.02062142	0.206051357
PWP1	0.164165	0.070925	2.314625	0.02063347	0.206051357
CCT7	0.202133	0.087376	2.31337	0.02070233	0.206544816
LARP4	0.312383	0.135051	2.313077	0.02071839	0.206544816
ENSG00000245869	0.518105	0.224154	2.311382	0.02081179	0.207062728
IFI27L2	0.291864	0.126301	2.310864	0.02084035	0.207062728
C19orf66	-0.220862	0.095585	-2.310635	0.02085305	0.207062728
RBM5	-0.218364	0.094508	-2.310536	0.02085848	0.207062728
HNRNPA3	0.143052	0.061913	2.310521	0.02085934	0.207062728
RPL39	-0.097779	0.042327	-2.310097	0.02088276	0.207118559
PUF60	0.221689	0.096046	2.308159	0.02099028	0.208007552
AMZ1	-1.098949	0.47655	-2.306053	0.02110769	0.20899311
EXOSC2	0.279629	0.121292	2.305427	0.02114265	0.209161224
PAK1IP1	0.25827	0.11208	2.304339	0.02120361	0.209586017
NEMP1	-0.543779	0.236082	-2.303344	0.02125947	0.209959837
HNRNPR	0.167438	0.072732	2.302117	0.0213286	0.210463861
DHTKD1	-0.335771	0.14593	-2.30091	0.02139673	0.210835445
ANKRD37	0.418019	0.181684	2.300808	0.0214025	0.210835445
COA1	0.267213	0.116354	2.296549	0.02164451	0.21303913
BATF2	2.117648	0.922151	2.296423	0.02165168	NA
ATPCKMT	0.721317	0.314469	2.293765	0.02180398	0.214427297
INTS14	0.317167	0.138325	2.292912	0.02185305	0.214692925
UQCRFS1	0.130364	0.056862	2.292655	0.0218679	0.214692925
KCNC3	0.519308	0.226638	2.29135	0.02194319	0.215016362
RPN2	0.24857	0.108511	2.290742	0.02197837	0.215016362
AGO1	0.284126	0.124044	2.290527	0.02199076	0.215016362
S100A2	-0.903487	0.394447	-2.290513	0.02199158	0.215016362
GARS	0.312102	0.13626	2.290484	0.02199325	0.215016362
METTL1	0.345933	0.151096	2.289486	0.02205112	0.215401145
ENSG00000261766	0.409234	0.178774	2.289107	0.02207315	0.215435442
ATF6B	-0.188572	0.082392	-2.288728	0.02209518	0.215438242
HSPA14	0.281405	0.122967	2.288465	0.02211048	0.215438242
WDR83OS	0.146016	0.063846	2.286992	0.02219627	0.216093184
ADGRB2	-1.747053	0.764221	-2.286056	0.02225096	NA
RPLP1	-0.117225	0.051284	-2.285802	0.02226587	0.216528142
SYNGR3	0.567706	0.248385	2.285592	0.02227817	0.216528142
LINC01560	-0.514719	0.225259	-2.285005	0.02231254	0.216681212
MRPL20	0.201032	0.088007	2.284257	0.02235642	0.216926259
COX16	0.236234	0.103453	2.283492	0.02240139	0.21718151
RANBP1	0.260753	0.114351	2.280292	0.02259035	0.218831087

<i>TFAP4</i>	0.305929	0.134244	2.278904	0.02267276	0.219446641
<i>NHLRC3</i>	-0.242003	0.106228	-2.278152	0.02271751	0.219697015
<i>HGH1</i>	0.677401	0.297627	2.276008	0.02284553	0.220751577
<i>ZNF569</i>	-0.50554	0.222221	-2.274946	0.02290917	0.221088952
<i>LMO2</i>	-1.037236	0.45597	-2.274791	0.02291845	0.221088952
<i>UCK2</i>	0.38455	0.16936	2.270607	0.02317079	0.223337995
<i>VPS16</i>	-0.397952	0.175363	-2.269303	0.0232499	0.223755087
<i>ARF1</i>	0.184938	0.081497	2.26926	0.02325253	0.223755087
<i>P4HB</i>	0.156988	0.069191	2.268915	0.02327349	0.223771722
<i>MSL3</i>	-0.267493	0.117913	-2.268564	0.02329484	0.223782361
<i>FCRL5</i>	0.541639	0.238798	2.268192	0.02331753	0.223782361
<i>GPN1</i>	0.257013	0.113325	2.26792	0.02333411	0.223782361
<i>SPAG1</i>	-0.643006	0.283558	-2.267634	0.02335154	0.223782361
<i>ATP5PF</i>	0.161732	0.071364	2.266286	0.02343388	0.224386631
<i>SETD4</i>	-0.451138	0.199197	-2.264782	0.02352607	0.225084097
<i>SMIM1</i>	-0.533648	0.235879	-2.262382	0.02367378	0.22631124
<i>ERICH6.AS1</i>	-0.525076	0.23224	-2.260921	0.02376412	0.22697951
<i>MAEA</i>	0.27134	0.120029	2.260621	0.02378271	0.22697951
<i>VPS51</i>	-0.212468	0.094011	-2.260017	0.02382019	0.227025388
<i>RBMS1</i>	-0.378669	0.167559	-2.259915	0.02382654	0.227025388
<i>UBXN11</i>	-0.363969	0.161094	-2.259362	0.02386088	0.227166466
<i>ARFGAP3</i>	-0.274623	0.121597	-2.258471	0.02391632	0.227508171
<i>TBL1X</i>	-0.355594	0.157524	-2.257405	0.02398279	0.227954092
<i>SETD5</i>	-0.190115	0.084248	-2.256623	0.02403164	0.228231896
<i>LATS1</i>	-0.423573	0.187836	-2.255014	0.02413247	0.22856092
<i>SPRY1</i>	0.833803	0.3698	2.254738	0.02414981	0.22856092
<i>TRNAU1AP</i>	-0.213868	0.094854	-2.254699	0.02415225	0.22856092
<i>METTL2B</i>	0.293668	0.13025	2.254649	0.02415536	0.22856092
<i>CHCHD1</i>	0.159051	0.070548	2.254503	0.02416451	0.22856092
<i>B3GNTL1</i>	0.629137	0.279584	2.250265	0.02443214	0.230681377
<i>ZBTB37</i>	-0.463274	0.205877	-2.250245	0.02443341	0.230681377
<i>HACD3</i>	0.351435	0.156207	2.249796	0.02446188	0.230681377
<i>PPIF</i>	-0.242552	0.107815	-2.2497	0.02446801	0.230681377
<i>CMC2</i>	0.247278	0.109933	2.249349	0.02449029	0.230704522
<i>TMX2</i>	0.211206	0.093973	2.24751	0.02460746	0.231478926
<i>ZC3H12D</i>	-0.418567	0.186242	-2.247434	0.02461229	0.231478926
<i>ANKH</i>	-0.506139	0.225449	-2.245027	0.02476641	0.232740205
<i>BMP2K</i>	-0.306161	0.136446	-2.243822	0.02484387	0.233279751
<i>DIPK1A</i>	0.535025	0.238524	2.243064	0.0248927	0.233549768
<i>TUBG1</i>	0.321228	0.143236	2.242648	0.02491952	0.233612958
<i>CCDC12</i>	0.154813	0.06909	2.24076	0.02504165	0.234020448
<i>KRCC1</i>	-0.194777	0.086937	-2.240422	0.02506353	0.234020448
<i>REXO2</i>	0.22851	0.101995	2.240404	0.0250647	0.234020448
<i>ALG1</i>	0.383865	0.171338	2.240395	0.02506526	0.234020448
<i>RFX1</i>	-0.325976	0.14552	-2.240068	0.02508652	0.234020448
<i>IL27RA</i>	-0.30629	0.136746	-2.239841	0.02510128	0.234020448
<i>CHRNA6</i>	-1.897809	0.84731	-2.239805	0.0251036	NA

<i>MBIP</i>	0.323236	0.144314	2.239802	0.02510379	0.234020448
<i>ENSG00000272817</i>	1.199593	0.536354	2.236567	0.02531466	0.235797247
<i>NUTM2B.AS1</i>	-0.304908	0.136492	-2.23389	0.02549029	0.237243209
<i>PDS5B</i>	-0.285149	0.127673	-2.233421	0.02552123	0.237341269
<i>UBB</i>	0.232854	0.104363	2.231197	0.0256681	0.238516463
<i>HOXB4</i>	1.341172	0.601997	2.22787	0.02588917	NA
<i>PHTF2</i>	-0.361024	0.162056	-2.227773	0.02589566	0.240439032
<i>ANKLE1</i>	0.514927	0.231275	2.226469	0.02598276	0.240961145
<i>NANS</i>	0.287671	0.129214	2.226312	0.02599332	0.240961145
<i>DDX10</i>	0.326491	0.146755	2.224734	0.0260991	0.241537348
<i>PSMB4</i>	0.160017	0.07193	2.224607	0.02610762	0.241537348
<i>GBP1</i>	-0.524909	0.235972	-2.224456	0.02611776	0.241537348
<i>NELFA</i>	0.271729	0.122249	2.222743	0.02623315	0.242087287
<i>BUD31</i>	0.138244	0.062196	2.222727	0.02623421	0.242087287
<i>MVP</i>	-0.389928	0.175434	-2.222646	0.02623965	0.242087287
<i>ZBED2</i>	-0.887632	0.399521	-2.221742	0.02630072	0.242458426
<i>PSAP</i>	0.204462	0.092043	2.221364	0.02632631	0.242502224
<i>RPL5</i>	-0.127448	0.057385	-2.220926	0.02635598	0.242583428
<i>TSC22D3</i>	-0.359062	0.161697	-2.220586	0.02637902	0.242603523
<i>AFTPH</i>	-0.195719	0.088156	-2.220157	0.02640814	0.242679525
<i>LINC00342</i>	-0.699684	0.315271	-2.21931	0.02646567	0.242921159
<i>TMEM106A</i>	-0.348656	0.157112	-2.219155	0.02647619	0.242921159
<i>TSEN2</i>	0.374558	0.16882	2.218691	0.02650772	0.243018786
<i>ZFP36L2</i>	-0.431897	0.194718	-2.218057	0.02655091	0.24322308
<i>SECISBP2L</i>	-0.274209	0.123732	-2.216147	0.02668141	0.244226183
<i>CNTRL</i>	-0.20794	0.093853	-2.215597	0.02671915	0.244379346
<i>SPCS1</i>	0.160844	0.072639	2.214286	0.02680914	0.24500988
<i>KANSL1</i>	-0.269785	0.121856	-2.21396	0.0268315	0.245021741
<i>CNR2</i>	-0.290068	0.131045	-2.2135	0.02686317	0.245104953
<i>C1orf43</i>	0.159648	0.072134	2.213216	0.02688275	0.245104953
<i>ENSG00000224046</i>	-1.137362	0.513974	-2.212879	0.02690601	0.245124899
<i>IKZF2</i>	-0.797241	0.360466	-2.211693	0.02698787	0.245569216
<i>MAPKBP1</i>	-0.689233	0.311673	-2.211399	0.02700819	0.245569216
<i>EMB</i>	-0.238708	0.107963	-2.211013	0.02703494	0.245569216
<i>SLC27A1</i>	-1.063551	0.481038	-2.210951	0.02703921	0.245569216
<i>CDC42</i>	-0.147431	0.066706	-2.210161	0.02709401	0.245874944
<i>LINC00869</i>	-0.273548	0.123802	-2.209554	0.02713613	0.245938035
<i>AUH</i>	0.397357	0.179851	2.209364	0.02714937	0.245938035
<i>VBP1</i>	0.169854	0.076897	2.208854	0.02718478	0.245938035
<i>PIK3CB</i>	-0.571714	0.258832	-2.208828	0.02718664	0.245938035
<i>PPP1R12A</i>	-0.227428	0.102976	-2.20854	0.02720666	0.245938035
<i>PTMA</i>	0.134754	0.061029	2.208033	0.02724199	0.246013974
<i>IMP3</i>	0.180984	0.081974	2.207812	0.02725735	0.246013974
<i>PCID2</i>	0.25363	0.114934	2.206742	0.02733209	0.246497307
<i>ITGB2</i>	0.528122	0.239454	2.205524	0.02741733	0.247074565
<i>GART</i>	0.233395	0.105925	2.203394	0.02756699	0.248230956
<i>LINC02576</i>	-1.205051	0.547029	-2.202902	0.02760166	0.248350861

<i>EVIS</i>	-0.35157	0.159631	-2.202391	0.02763767	0.248482742
<i>TCP11L2</i>	-0.488931	0.222034	-2.202057	0.02766129	0.248503028
<i>MYBBP1A</i>	0.342622	0.155643	2.201335	0.02771234	0.248717335
<i>ZNF608</i>	-0.532241	0.241805	-2.201115	0.0277279	0.248717335
<i>WDR46</i>	0.309205	0.140532	2.200241	0.0277898	0.249080572
<i>NUDCD2</i>	0.161948	0.073661	2.19856	0.02790924	0.249958489
<i>POC5</i>	-0.493838	0.224774	-2.19704	0.02801756	0.25073557
<i>HNRNPF</i>	0.25299	0.115173	2.196608	0.02804845	0.250819127
<i>CSDE1</i>	-0.107733	0.049059	-2.19598	0.02809341	0.250877601
<i>HDAC2</i>	0.191717	0.087308	2.195862	0.02810186	0.250877601
<i>WDTC1</i>	0.299072	0.136213	2.195613	0.02811968	0.250877601
<i>ZC3H8</i>	0.269344	0.122697	2.195189	0.02815003	0.250955933
<i>BSDC1</i>	-0.260045	0.118549	-2.193566	0.02826665	0.251802604
<i>ANP32A</i>	0.135105	0.061643	2.191735	0.02839868	0.252765344
<i>ZNF117</i>	0.587676	0.268166	2.191465	0.02841818	0.252765344
<i>ATP5MF</i>	0.157284	0.071809	2.190319	0.02850112	0.253309432
<i>CAMKK2</i>	0.412991	0.188648	2.189214	0.02858126	0.253827757
<i>MINDY1</i>	-0.807206	0.368896	-2.188165	0.0286576	0.254139259
<i>C20orf27</i>	0.213952	0.097782	2.188039	0.02866679	0.254139259
<i>SLC12A2</i>	-0.299952	0.1371	-2.187832	0.02868187	0.254139259
<i>IFT22</i>	-0.308099	0.140844	-2.187514	0.02870504	0.254151024
<i>CD2AP</i>	0.290992	0.133077	2.186636	0.02876909	0.254333799
<i>MAPK7</i>	-0.574061	0.262565	-2.186356	0.02878956	0.254333799
<i>RPS18</i>	-0.121288	0.055478	-2.18622	0.02879954	0.254333799
<i>TRIB2</i>	-0.745784	0.341158	-2.186034	0.02881313	0.254333799
<i>CMC1</i>	0.247242	0.113125	2.185561	0.02884777	0.25442738
<i>RABGGTA</i>	-0.288538	0.132055	-2.184992	0.02888942	0.25442738
<i>LSR</i>	-0.524627	0.240133	-2.184732	0.0289085	0.25442738
<i>ABI1</i>	-0.184905	0.084637	-2.184694	0.02891131	0.25442738
<i>MARS</i>	0.24425	0.111816	2.184397	0.02893308	0.25442738
<i>ENSG00000230709</i>	-0.761461	0.348838	-2.182846	0.02904719	0.255237907
<i>ANAPC4</i>	-0.393495	0.180298	-2.182469	0.02907496	0.255289147
<i>USP7</i>	0.265038	0.121507	2.181252	0.02916476	0.255884438
<i>CDC16</i>	-0.278111	0.127524	-2.180856	0.02919408	0.255948695
<i>HIPK3</i>	-0.336827	0.154507	-2.180014	0.0292564	0.256226575
<i>ATF7IP2</i>	0.28269	0.129684	2.179833	0.02926982	0.256226575
<i>NAXD</i>	0.380284	0.174547	2.178694	0.02935438	0.256773537
<i>MED27</i>	0.759661	0.348851	2.177612	0.02943494	0.257071444
<i>SUN1</i>	-0.227757	0.104598	-2.177453	0.02944676	0.257071444
<i>HLA.DMB</i>	0.254266	0.116784	2.177231	0.02946336	0.257071444
<i>B3GAT3</i>	0.210121	0.096526	2.176843	0.02949231	0.257071444
<i>ATP2B1.AS1</i>	-0.365211	0.167778	-2.176754	0.02949892	0.257071444
<i>ENSG00000226571</i>	-0.675431	0.310425	-2.175828	0.02956812	0.257317208
<i>TXN</i>	0.249086	0.114481	2.175785	0.02957135	0.257317208
<i>PSMB2</i>	0.23429	0.107716	2.175065	0.02962526	0.257593642
<i>AKNA</i>	-0.260447	0.119768	-2.174595	0.02966049	0.257703328
<i>FILIP1L</i>	-0.903152	0.415375	-2.174306	0.02968218	0.257703328

LINC01869	-0.758293	0.348804	-2.173979	0.02970674	0.257724284
PRXL2C	-0.395063	0.181785	-2.17324	0.02976229	0.25801374
RPS15A	-0.117971	0.054299	-2.172609	0.02980978	0.25809232
CYB5R3	-0.215388	0.099142	-2.17253	0.02981572	0.25809232
FBXL6	0.688825	0.317171	2.171779	0.02987237	0.258246164
FAM107B	0.199096	0.09168	2.171639	0.02988293	0.258246164
ECE1	0.347453	0.160013	2.171411	0.02990008	0.258246164
BCYRN1	1.161531	0.535286	2.169926	0.03001244	NA
SLC25A43	-0.39161	0.180492	-2.169688	0.03003046	0.259179831
CXXC5	-0.253755	0.117019	-2.168484	0.0301219	0.259593086
DERL2	0.198881	0.091715	2.16847	0.03012297	0.259593086
TMCO1	0.155883	0.071941	2.16683	0.03024783	0.260476086
FYN	-0.42773	0.197497	-2.16575	0.03033029	0.260925989
ENSG00000233184	-0.524109	0.24202	-2.165559	0.03034493	0.260925989
ENSG00000258572	-0.876493	0.404909	-2.164669	0.03041305	0.261043504
TNFAIP8L2	-0.411845	0.190261	-2.164633	0.0304158	0.261043504
MPI	0.35351	0.163322	2.164501	0.03042591	0.261043504
MRPL54	0.188382	0.087099	2.162833	0.03055399	0.261949272
EIF2S3	-0.214293	0.099096	-2.162484	0.03058091	0.261986939
C12orf75	-0.533373	0.246824	-2.160948	0.03069937	0.262808321
NARF	-0.199436	0.09234	-2.159791	0.03078887	0.263380683
SGCB	-0.675739	0.313248	-2.157206	0.03098962	0.264582373
ATP11A	-0.526429	0.244047	-2.157085	0.03099903	0.264582373
EMP3	-0.240663	0.111572	-2.157026	0.03100364	0.264582373
MRPL36	0.19653	0.091133	2.156521	0.03104301	0.264582373
PHGDH	0.685868	0.318044	2.15652	0.03104306	0.264582373
POR	0.304364	0.141186	2.155769	0.03110169	0.264725603
FBXO10	0.513092	0.238014	2.155722	0.03110537	0.264725603
KIFC2	-0.790816	0.366964	-2.15502	0.03116024	0.264961808
CAT	-0.354499	0.164535	-2.154554	0.03119676	0.264961808
TRNT1	0.251344	0.11666	2.154494	0.03120145	0.264961808
IGBP1	-0.168505	0.078235	-2.153837	0.03125295	0.265061664
FCRL4	0.630775	0.292884	2.15367	0.03126604	0.265061664
TRADD	-0.267085	0.124037	-2.153265	0.03129782	0.265061664
CERS6	0.447534	0.207911	2.152526	0.03135595	0.265061664
TCEAL8	-0.244487	0.113582	-2.152518	0.03135657	0.265061664
PUM3	0.207416	0.096361	2.152501	0.03135794	0.265061664
GNAI2	-0.228215	0.106032	-2.152313	0.03137269	0.265061664
DAPL1	0.441408	0.20516	2.151535	0.03143403	0.26538714
PPA1	0.240366	0.11181	2.149764	0.0315739	0.266374711
NUSAP1	-0.657608	0.306015	-2.148945	0.03163879	0.266728728
RB1CC1	-0.233639	0.108777	-2.147871	0.03172402	0.267110883
AHSA1	0.229545	0.106875	2.147795	0.03173004	0.267110883
DESI1	0.359227	0.167411	2.145778	0.03189072	0.268269395
ERV3.1	-0.176297	0.082201	-2.144697	0.03197709	0.268717744
EML6	-0.746405	0.348071	-2.144402	0.03200072	0.268717744
SLC6A16	-0.612644	0.285715	-2.144244	0.03201331	0.268717744

<i>CENPM</i>	0.356158	0.166217	2.142734	0.0321345	0.269467595
<i>PEX16</i>	-0.198417	0.092608	-2.142554	0.03214896	0.269467595
<i>TRIM23</i>	-0.528603	0.246788	-2.141933	0.0321989	0.269691824
<i>ISOC2</i>	0.265437	0.12405	2.139762	0.03237404	0.270963698
<i>U2SURP</i>	0.141715	0.066269	2.138485	0.03247737	0.271473099
<i>CDKL5</i>	-1.284388	0.600621	-2.138434	0.03248157	0.271473099
<i>ZNF490</i>	-1.590476	0.743841	-2.138192	0.03250113	NA
<i>RPL15</i>	-0.113445	0.053086	-2.136998	0.03259818	0.272108322
<i>MT.ND4L</i>	-0.401476	0.187894	-2.136719	0.03262084	0.272108322
<i>SMCHD1</i>	-0.184773	0.086485	-2.136481	0.03264026	0.272108322
<i>GPM6B</i>	-0.340289	0.159315	-2.135952	0.03268333	0.272108322
<i>TMEM107</i>	-0.355444	0.166416	-2.135872	0.03268983	0.272108322
<i>ATP5MD</i>	0.163894	0.076738	2.135753	0.03269954	0.272108322
<i>RELCH</i>	-0.558069	0.261331	-2.135486	0.0327213	0.272108322
<i>RPS25</i>	-0.104715	0.049045	-2.135071	0.03275525	0.272196141
<i>KARS</i>	0.132082	0.061894	2.133998	0.03284292	0.272729846
<i>PTPRC</i>	-0.181024	0.084854	-2.133369	0.03289448	0.272963179
<i>ITSN2</i>	-0.174813	0.081954	-2.133055	0.03292022	0.272982079
<i>ELOC</i>	0.198345	0.093004	2.132659	0.03295272	0.273000383
<i>ENSG00000225342</i>	-0.654405	0.306878	-2.132456	0.03296936	0.273000383
<i>MRPS15</i>	0.174267	0.081734	2.132136	0.03299565	0.273023708
<i>POLD2</i>	0.21736	0.102024	2.130487	0.03313145	0.273862516
<i>RAB27A</i>	0.317947	0.149248	2.130333	0.0331441	0.273862516
<i>ENSG00000245466</i>	-1.78772	0.839437	-2.129665	0.03319925	NA
<i>MGAT1</i>	0.238846	0.112164	2.129445	0.0332175	0.274274232
<i>NUS1</i>	0.203884	0.095815	2.127883	0.03334681	0.275146687
<i>MAP2K1</i>	-0.257083	0.120877	-2.126806	0.03343617	0.275688416
<i>ZNF596</i>	0.841674	0.3959	2.125979	0.03350497	0.275922778
<i>UBA7</i>	-0.358376	0.168577	-2.125895	0.03351202	0.275922778
<i>MRPS33</i>	0.247464	0.116497	2.12421	0.03365262	0.276884383
<i>ELMOD2</i>	-0.47408	0.223247	-2.12357	0.03370613	0.277128689
<i>MRPL37</i>	0.175167	0.082508	2.123043	0.03375027	0.277135412
<i>SEC61G</i>	0.186906	0.088039	2.122991	0.03375459	0.277135412
<i>DCLRE1C</i>	0.18828	0.088713	2.122355	0.03380791	0.277278187
<i>RGS1</i>	-0.514376	0.242377	-2.122216	0.03381965	0.277278187
<i>RHOC</i>	-0.46452	0.21897	-2.121388	0.03388916	0.277652468
<i>PSTPIP1</i>	-0.548097	0.258456	-2.120662	0.03395024	0.277942994
<i>RNASEK</i>	-0.345377	0.162904	-2.120125	0.0339955	0.277942994
<i>SNRNP48</i>	-0.322679	0.152199	-2.120116	0.03399629	0.277942994
<i>CD164</i>	0.143144	0.067578	2.118192	0.03415877	0.279075264
<i>SLC20A1</i>	0.282293	0.133296	2.117794	0.03419255	0.279155173
<i>RETREG1</i>	-0.831608	0.39278	-2.117235	0.03423988	0.279164484
<i>DLGAP1.AS1</i>	-0.270584	0.127802	-2.117214	0.03424168	0.279164484
<i>ENSG00000227486</i>	-0.355602	0.168024	-2.116374	0.034313	0.279550015
<i>ZNF677</i>	-0.290054	0.137087	-2.115843	0.03435818	0.279722266
<i>TEPP</i>	-1.300434	0.614754	-2.115373	0.03439821	0.279852282
<i>ENSG00000265206</i>	-0.248588	0.117568	-2.114428	0.03447872	0.280311246



<i>EXOSC7</i>	0.258212	0.122159	2.113738	0.03453761	0.280593993
<i>SIGLEC14</i>	0.790259	0.373947	2.113295	0.03457553	0.280706001
<i>GPATCH1</i>	-0.409704	0.193944	-2.112489	0.0346445	0.280986371
<i>ZNF547</i>	-1.015811	0.480937	-2.112149	0.0346737	0.280986371
<i>SLC35A4</i>	0.219282	0.103824	2.112046	0.03468252	0.280986371
<i>KLRD1</i>	1.427827	0.676049	2.112018	0.03468487	NA
<i>CEP70</i>	0.709156	0.335854	2.111501	0.03472927	0.2811693
<i>FEM1A</i>	0.248211	0.117612	2.110427	0.03482157	0.281720577
<i>SNX12</i>	0.229204	0.108635	2.109859	0.03487049	0.281920242
<i>TNPO3</i>	0.266106	0.126156	2.109352	0.03491421	0.282077726
<i>ENSG00000187186</i>	-0.831156	0.394153	-2.108711	0.03496952	0.282328524
<i>SLC2A3</i>	-0.449679	0.213413	-2.107085	0.03511024	0.283268054
<i>CYSLTR1</i>	-0.477315	0.226735	-2.10517	0.0352765	0.284287142
<i>DLGAP4</i>	-0.239325	0.11369	-2.105068	0.03528543	0.284287142
<i>MAATS1</i>	-1.78493	0.848006	-2.104857	0.03530378	NA
<i>FAM227A</i>	1.636851	0.77766	2.104841	0.03530512	NA
<i>FLII</i>	-0.252362	0.119951	-2.103883	0.03538867	0.284747111
<i>HEATR6</i>	-0.444721	0.211387	-2.103817	0.03539443	0.284747111
<i>MRPS34</i>	0.165696	0.078769	2.10357	0.03541594	0.284747111
<i>PIK3CG</i>	0.433686	0.206287	2.102347	0.0355229	0.28540985
<i>ZNF736</i>	-0.459192	0.218452	-2.102025	0.03555104	0.285438816
<i>EIF1</i>	0.158352	0.07535	2.101542	0.03559345	0.285582208
<i>CYTH1</i>	0.186672	0.088911	2.099549	0.03576855	0.286789327
<i>EIF3J.DT</i>	-0.245593	0.117009	-2.098925	0.03582349	0.287032012
<i>CYC1</i>	0.199775	0.095194	2.098616	0.03585074	0.287052637
<i>LIMS2</i>	-1.034836	0.493178	-2.098303	0.0358784	0.287076517
<i>ENSG00000253636</i>	1.762343	0.840008	2.098008	0.03590444	NA
<i>ENSG00000235501</i>	-1.536639	0.732476	-2.09787	0.03591661	NA
<i>ESR2</i>	-0.484351	0.230907	-2.097602	0.03594028	0.287372596
<i>OAS2</i>	0.346788	0.165348	2.097325	0.0359648	0.287372596
<i>ADRM1</i>	0.20277	0.096776	2.095261	0.03614779	0.288391581
<i>CCS</i>	-0.242608	0.115797	-2.095116	0.03616071	0.288391581
<i>NETO2</i>	0.641932	0.306407	2.095029	0.03616845	0.288391581
<i>MRPS10</i>	0.184697	0.088188	2.094344	0.03622931	0.288391581
<i>MTAP</i>	0.298639	0.142605	2.094168	0.03624504	0.288391581
<i>TTYH3</i>	0.477712	0.228118	2.094146	0.03624698	0.288391581
<i>ENSG00000267519</i>	-0.329438	0.15733	-2.093934	0.03626585	0.288391581
<i>CCDC146</i>	-1.327642	0.634125	-2.093658	0.03629047	NA
<i>TIMM21</i>	0.302323	0.144406	2.093565	0.03629871	0.288455745
<i>FCHSD2</i>	-0.315206	0.150582	-2.093253	0.03632662	0.288480468
<i>PSMB6</i>	0.164245	0.078537	2.09132	0.03649939	0.289654812
<i>CD52</i>	-0.244582	0.11703	-2.089911	0.03662577	0.290073152
<i>IGLC2</i>	-0.300523	0.143816	-2.08964	0.03665019	0.290073152
<i>TPRG1L</i>	0.376761	0.180299	2.089639	0.03665023	0.290073152
<i>MAP3K20</i>	-0.436602	0.208938	-2.089621	0.03665184	0.290073152
<i>SDCBP</i>	0.304631	0.145831	2.088934	0.03671364	0.290313244
<i>C8orf37</i>	-0.833882	0.399229	-2.088729	0.03673209	0.290313244

SMYD2	-0.311964	0.149446	-2.087468	0.03684586	0.29101475
ABCF1	0.177861	0.085232	2.086775	0.03690849	0.291311619
CPEB3	0.783095	0.375423	2.0859	0.03698769	0.29156306
POLR1C	0.230076	0.110302	2.085869	0.03699047	0.29156306
ENSG00000257275	-0.769386	0.369032	-2.084877	0.03708049	0.291989052
VPS9D1.AS1	0.51586	0.247453	2.084678	0.03709856	0.291989052
NDUFC2	0.208123	0.099846	2.084444	0.03711981	0.291989052
RPS4X	-0.217917	0.104567	-2.084	0.03716019	0.291996676
ZCCHC18	-0.655902	0.314782	-2.083669	0.03719027	0.291996676
RRP8	0.244277	0.117237	2.083605	0.03719607	0.291996676
ADD3	-0.233034	0.111863	-2.083203	0.0372327	0.292033373
RREB1	-0.299261	0.143668	-2.083003	0.03725095	0.292033373
ITFG1	0.254654	0.122308	2.082069	0.03733613	0.292488623
FAM136A	0.174119	0.083642	2.081722	0.03736788	0.292488623
KLF13	0.242432	0.116468	2.081541	0.03738444	0.292488623
DRAM2	-0.254997	0.122585	-2.080163	0.03751055	0.29327803
XPNPEP1	-0.334403	0.160822	-2.079338	0.0375863	0.293672906
RHBDD3	0.397229	0.191095	2.078703	0.03764464	0.293739889
BTBD19	0.728173	0.350303	2.078695	0.03764537	0.293739889
STAG3	-0.402985	0.193912	-2.078181	0.03769272	0.293912256
FOXO1	-0.317185	0.152656	-2.077771	0.03773042	0.294009193
PSEN1	-0.324425	0.156365	-2.074796	0.0380054	0.295953724
PRICKLE1	0.597339	0.288048	2.073746	0.03810287	0.296514257
CNFN	-0.518492	0.250135	-2.072845	0.03818672	0.296968079
PSMC2	0.231299	0.111604	2.072499	0.03821892	0.297019982
AMN1	-0.378217	0.182644	-2.070792	0.03837824	0.297911624
ST6GALNAC4	-0.216503	0.104555	-2.070721	0.03838487	0.297911624
RILPL2	0.324118	0.156586	2.069906	0.03846113	0.298155314
CDK5RAP3	-0.225902	0.109143	-2.069776	0.03847337	0.298155314
MFSD2A	0.739553	0.357347	2.069564	0.03849315	0.298155314
AAK1	0.574539	0.277759	2.068478	0.0385951	0.298746118
ATN1	-0.347129	0.167858	-2.067992	0.03864081	0.298901033
PLEKHF2	-0.230776	0.11161	-2.067701	0.03866818	0.298913993
NPLOC4	0.286458	0.138567	2.067282	0.03870756	0.299019776
ENSG00000255240	-0.805549	0.389852	-2.066293	0.03880078	0.299540963
AP2A1	-0.259881	0.125809	-2.065675	0.03885922	0.299793175
HDAC10	-0.235521	0.114147	-2.06331	0.03908318	0.301321203
SERTAD2	-0.302841	0.146853	-2.06221	0.03918772	0.301890097
HCCS	0.234386	0.11367	2.061988	0.03920887	0.301890097
STKLD1	-2.523992	1.224232	-2.061695	0.0392368	NA
C14orf28	-0.458231	0.222379	-2.060592	0.03934202	0.302714975
CDCA8	-0.997516	0.484189	-2.060177	0.0393816	0.302760037
CRIP1	0.15995	0.077646	2.059986	0.03939992	0.302760037
AKT1S1	0.291547	0.141553	2.059634	0.03943359	0.302818724
KHDC4	-0.187486	0.091105	-2.057925	0.03959732	0.303603185
LPP.AS2	-0.7828	0.380398	-2.057846	0.03960493	0.303603185
ENSG00000228463	0.367942	0.178831	2.05748	0.03964005	0.303603185

<i>NCBP2</i>	0.148302	0.07208	2.05745	0.03964296	0.303603185
<i>FAM120AOS</i>	-0.234529	0.114004	-2.057208	0.03966622	0.303603185
<i>TINCR</i>	-1.549777	0.753878	-2.055741	0.03980746	NA
<i>DUS1L</i>	0.26395	0.128404	2.055619	0.03981925	0.304574029
<i>QTRT1</i>	0.195839	0.095287	2.055257	0.03985416	0.304640802
<i>ANAPC5</i>	0.137019	0.066703	2.054181	0.0399582	0.305235525
<i>DDX18</i>	0.117058	0.057028	2.052644	0.04010712	0.306172042
<i>CXorf21</i>	-0.302714	0.147497	-2.052333	0.04013736	0.30620197
<i>GVQW3</i>	-0.735838	0.358634	-2.051779	0.04019115	0.306213996
<i>RPUSD2</i>	0.381338	0.185858	2.051775	0.04019157	0.306213996
<i>ASAH1</i>	0.204231	0.09965	2.049498	0.04041346	0.307702995
<i>CTSC</i>	0.374477	0.182798	2.048584	0.04050282	0.308132033
<i>HIST3H2A</i>	0.739747	0.361137	2.04838	0.04052278	0.308132033
<i>RABEP2</i>	-0.243528	0.118944	-2.047421	0.04061679	0.308645157
<i>ZNF688</i>	-0.305086	0.149051	-2.04686	0.0406718	0.308798946
<i>PRDM8</i>	-0.654865	0.320012	-2.046375	0.04071947	0.308798946
<i>NBPF19</i>	-0.48839	0.23868	-2.046209	0.04073579	0.308798946
<i>STX17</i>	-0.282446	0.138069	-2.045684	0.04078751	0.308798946
<i>ICAM2</i>	0.407455	0.199196	2.045501	0.04080546	0.308798946
<i>EXD3</i>	-0.524482	0.256408	-2.0455	0.04080562	0.308798946
<i>RFX5</i>	0.217665	0.106421	2.045325	0.04082283	0.308798946
<i>RGL1</i>	1.035414	0.506389	2.044702	0.04088425	0.309062635
<i>DEGS2</i>	-1.25745	0.6152	-2.043969	0.04095663	0.309408698
<i>ATP6V1D</i>	0.233916	0.114462	2.043612	0.04099194	0.30947426
<i>SIGMAR1</i>	0.286911	0.140428	2.043123	0.04104028	0.30947426
<i>EARS2</i>	0.442844	0.216754	2.043074	0.04104511	0.30947426
<i>STRAP</i>	0.150408	0.073636	2.042581	0.04109397	0.30964202
<i>CSNK1E</i>	-0.307375	0.15054	-2.041811	0.04117031	0.309936876
<i>RPS12</i>	-0.122589	0.060044	-2.041649	0.04118639	0.309936876
<i>MLXIPL</i>	1.741798	0.853216	2.041451	0.04120599	NA
<i>SMG9</i>	-0.31441	0.154054	-2.04091	0.0412598	0.310042726
<i>DOK1</i>	-0.343103	0.168117	-2.040861	0.04126467	0.310042726
<i>ENSG00000272182</i>	0.803545	0.393759	2.040703	0.0412804	0.310042726
<i>FGL2</i>	-1.384502	0.678645	-2.040099	0.04134042	NA
<i>TMF1</i>	-0.221687	0.108688	-2.039655	0.04138475	0.310625914
<i>SCAI</i>	-0.31883	0.156345	-2.03928	0.04142209	0.310705727
<i>NT5C3A</i>	-0.222859	0.109381	-2.037468	0.04160321	0.31186327
<i>DAAM1</i>	-0.402914	0.197834	-2.036621	0.04168807	0.312282963
<i>MMACHC</i>	0.689199	0.338444	2.036373	0.04171289	0.312282963
<i>HMG2</i>	-0.113368	0.055683	-2.03595	0.04175538	0.312335172
<i>KIF5C</i>	-1.13762	0.558816	-2.035769	0.04177355	0.312335172
<i>PSMB1</i>	0.161986	0.07959	2.035272	0.04182351	0.312507843
<i>CDK2AP1</i>	0.670507	0.329497	2.034941	0.04185686	0.312556281
<i>TMED3</i>	0.208739	0.10261	2.034297	0.04192163	0.312747634
<i>MANBA</i>	-0.255948	0.125825	-2.034152	0.04193625	0.312747634
<i>TIMM44</i>	0.187279	0.092111	2.03318	0.04203436	0.313278499
<i>DHX33</i>	0.28938	0.142366	2.032651	0.04208784	0.313296177

ZNF263	0.27875	0.137138	2.032623	0.04209059	0.313296177
KCNQ5	0.543538	0.267586	2.031265	0.04222811	0.313972279
JAK2	-0.561369	0.276374	-2.031193	0.0422354	0.313972279
EPS8L2	-0.519076	0.25564	-2.030494	0.04230633	0.314298713
FAM135A	-0.424096	0.208963	-2.029521	0.04240525	0.314571959
MYO1G	-0.326637	0.16097	-2.02918	0.04243992	0.314571959
RTCB	0.233379	0.115016	2.029098	0.04244833	0.314571959
ATM	-0.165363	0.081507	-2.028826	0.04247601	0.314571959
ENSG00000273669	-1.154871	0.56932	-2.028512	0.04250806	0.314571959
MRFAP1L1	0.246039	0.121303	2.028311	0.04252856	0.314571959
HMBS	0.234123	0.11543	2.028273	0.04253238	0.314571959
HK2	0.597318	0.294558	2.027843	0.0425763	0.314610495
PPM1L	0.90217	0.444925	2.027692	0.04259167	0.314610495
OPTN	-0.437817	0.216001	-2.026921	0.04267054	0.314993066
ACOT7	0.489751	0.241721	2.0261	0.04275454	0.315136813
ANXA2R	-0.367086	0.181189	-2.025983	0.04276654	0.315136813
COQ7	0.303943	0.150026	2.025937	0.04277128	0.315136813
QPCT	0.763099	0.376757	2.02544	0.04282219	0.315312282
DDT	0.147782	0.07302	2.02386	0.04298459	0.316307877
LINC01138	-0.43373	0.214387	-2.023119	0.0430609	0.316669092
TCF4	-0.302304	0.149463	-2.022596	0.04311486	0.316766403
KIF2A	-0.230317	0.113879	-2.022463	0.04312859	0.316766403
MRPS28	0.274733	0.135883	2.021841	0.04319283	0.316860542
PIAS2	-0.241256	0.119327	-2.021811	0.04319588	0.316860542
RPP25	0.419647	0.207758	2.019878	0.04339601	0.318128015
C4orf36	-0.695668	0.344948	-2.016737	0.043723	0.32032329
IRAK1	0.200749	0.099612	2.015319	0.04387128	0.321207378
AP4B1	-0.440645	0.218711	-2.014743	0.04393157	0.321446447
NUP210	0.220127	0.109305	2.013884	0.04402168	0.321746574
CCDC144A	0.844036	0.419121	2.013825	0.0440279	0.321746574
ANKRD54	0.267023	0.132711	2.012063	0.04421329	0.32223855
ZER1	0.5831	0.289821	2.011931	0.04422717	0.32223855
N4BP3	-0.330362	0.164218	-2.011727	0.04424877	0.32223855
PSMC5	0.143784	0.07148	2.011521	0.04427044	0.32223855
MDK	0.822298	0.408822	2.011386	0.04428468	0.32223855
CCT6A	0.15886	0.078986	2.011252	0.04429882	0.32223855
KIAA1841	-0.742391	0.369137	-2.011155	0.04430904	0.32223855
RPSA	-0.135636	0.067449	-2.010951	0.0443306	0.32223855
ENSG00000197180	-0.428138	0.212917	-2.01082	0.0443445	0.32223855
UQCRCQ	0.182743	0.090918	2.009966	0.04443481	0.322693207
LTB	-0.337357	0.167879	-2.00952	0.04448199	0.322834366
CEPT1	-0.20778	0.103416	-2.009168	0.04451936	0.322904136
RPL7A	-0.125297	0.062395	-2.008126	0.04462995	0.323504559
AK1	0.496099	0.247087	2.007788	0.04466583	0.32356302
DMTF1	-0.240869	0.12003	-2.006751	0.04477621	0.32416082
PPARA	-0.439956	0.219466	-2.004669	0.04499847	0.325567255
RGS19	-0.209592	0.104571	-2.004311	0.0450368	0.325642118

<i>PCP2</i>	-1.099172	0.548702	-2.003223	0.0451534	0.326282385
<i>NRSN2.AS1</i>	-0.748102	0.37354	-2.002734	0.0452058	0.326458288
<i>NSUN6</i>	-0.30726	0.153535	-2.001233	0.04536725	0.327257709
<i>ERMARD</i>	0.481285	0.240502	2.001167	0.0453744	0.327257709
<i>ENSG00000260979</i>	0.735893	0.367777	2.000921	0.04540089	0.327257709
<i>DCBLD2</i>	-0.927033	0.463393	-2.000532	0.04544288	0.327357567
<i>ENSG00000272843</i>	-1.711458	0.855544	-2.000432	0.04545364	NA
<i>FOXRED2</i>	0.676423	0.338183	2.000171	0.0454818	0.327435177
<i>VSIG10L</i>	1.366172	0.68319	1.999697	0.04553295	NA
<i>TMEM208</i>	0.149648	0.074848	1.99936	0.04556937	0.327862701
<i>PSMA3</i>	0.186423	0.09328	1.998536	0.04565863	0.328301941
<i>KIF20B</i>	-0.235018	0.117645	-1.997683	0.04575107	0.328499232
<i>JMJD8</i>	0.293168	0.146763	1.997567	0.04576361	0.328499232
<i>PFDN4</i>	0.170172	0.085193	1.997501	0.04577078	0.328499232
<i>UBE3D</i>	0.336388	0.168464	1.996798	0.04584714	0.32884441
<i>STRBP</i>	-0.171188	0.085758	-1.996168	0.04591559	0.328927788
<i>CNR1</i>	0.724619	0.363045	1.99595	0.04593933	0.328927788
<i>YARS</i>	0.210092	0.105261	1.995911	0.04594358	0.328927788
<i>SF3A3</i>	0.188622	0.09453	1.995358	0.04600382	0.329156454
<i>MSTO1</i>	0.360871	0.18091	1.994759	0.0460692	0.329421666
<i>UPF3B</i>	-0.182692	0.091616	-1.994115	0.0461395	0.329721733
<i>HSPH1</i>	0.220146	0.110502	1.992233	0.04634552	0.330774724
<i>KLF3</i>	0.339185	0.170279	1.991929	0.04637884	0.330774724
<i>TFB2M</i>	0.320477	0.160896	1.991831	0.04638966	0.330774724
<i>CISD2</i>	0.172477	0.086597	1.991731	0.04640058	0.330774724
<i>RPGR</i>	-0.450263	0.226102	-1.991412	0.04643566	0.330822113
<i>NFE2L1</i>	0.251859	0.12656	1.990029	0.04658774	0.331702419
<i>TOB2</i>	-0.199162	0.100122	-1.989195	0.04667971	0.332153972
<i>APPBP2</i>	-0.31515	0.158481	-1.988561	0.04674968	0.332257442
<i>AGPAT2</i>	-0.238397	0.119904	-1.988231	0.04678614	0.332257442
<i>PELO</i>	0.360678	0.181429	1.987984	0.04681343	0.332257442
<i>SASH3</i>	-0.241936	0.121702	-1.987929	0.04681955	0.332257442
<i>CARS2</i>	0.320978	0.161542	1.986968	0.04692594	0.332257442
<i>UNC45A</i>	-0.236137	0.118853	-1.98679	0.04694568	0.332257442
<i>TRAP1</i>	0.27768	0.139765	1.986763	0.04694871	0.332257442
<i>PHF11</i>	-0.20197	0.101662	-1.986688	0.04695702	0.332257442
<i>INKA1</i>	-0.510893	0.2572	-1.986363	0.04699304	0.332257442
<i>DTD2</i>	0.303642	0.15287	1.98628	0.04700223	0.332257442
<i>PGK1</i>	0.260144	0.130974	1.986224	0.0470084	0.332257442
<i>RAB11FIP1</i>	-0.23847	0.120112	-1.985399	0.04710011	0.332703539
<i>METRNL</i>	0.492511	0.24821	1.984253	0.0472276	0.333165886
<i>BRMS1</i>	0.139578	0.070349	1.984088	0.04724602	0.333165886
<i>POLR2K</i>	0.167935	0.084643	1.984039	0.04725148	0.333165886
<i>ENSG00000225489</i>	0.613169	0.309171	1.983268	0.04733749	0.333502345
<i>PKD3</i>	-0.421913	0.212755	-1.983098	0.04735653	0.333502345
<i>CCDC57</i>	-0.23867	0.120435	-1.981734	0.04750901	0.334045277
<i>SYNC</i>	-0.321062	0.162015	-1.981676	0.04751548	0.334045277

<i>RBM28</i>	0.254226	0.128291	1.981638	0.04751976	0.334045277
<i>HERC1</i>	-0.348193	0.175878	-1.979741	0.04773269	0.335339465
<i>TBXAS1</i>	0.859633	0.434726	1.977413	0.04799497	0.33691414
<i>TSSC4</i>	0.185185	0.093658	1.977238	0.04801475	0.33691414
<i>ENSG00000274536</i>	-0.46241	0.233969	-1.976374	0.04811248	0.337287041
<i>ACSM3</i>	-0.499009	0.252573	-1.975705	0.04818823	0.337287041
<i>NMRK1</i>	-0.731328	0.370196	-1.975517	0.04820955	0.337287041
<i>BRWD3</i>	-0.460698	0.233215	-1.975423	0.04822013	0.337287041
<i>PDPK1</i>	-0.24661	0.12484	-1.975416	0.04822101	0.337287041
<i>SPN</i>	0.490584	0.248391	1.975043	0.04826324	0.337287041
<i>PHF20L1</i>	-0.222503	0.112674	-1.974751	0.04829636	0.337287041
<i>FAH</i>	0.586778	0.297157	1.974639	0.04830908	0.337287041
<i>BRCA2</i>	-0.40212	0.203668	-1.974386	0.04833789	0.337287041
<i>PLXNB2</i>	0.762668	0.386316	1.974211	0.04835781	0.337287041
<i>OGA</i>	-0.148608	0.075296	-1.97364	0.04842271	0.337537306
<i>USP3</i>	-0.185763	0.09415	-1.973065	0.04848812	0.337537649
<i>ZNF431</i>	-0.202435	0.102599	-1.973062	0.04848854	0.337537649
<i>CRLF3</i>	-0.199035	0.100939	-1.971834	0.04862856	0.337537649
<i>CLK4</i>	-0.301907	0.15314	-1.971447	0.04867282	0.337537649
<i>BEND5</i>	-0.434497	0.220414	-1.971279	0.04869195	0.337537649
<i>PLEKHG2</i>	-0.714852	0.362665	-1.97111	0.04871133	0.337537649
<i>CRYM.AS1</i>	-1.3473	0.683535	-1.971076	0.04871513	0.337537649
<i>LAPTM4B</i>	0.713477	0.361978	1.97105	0.04871817	0.337537649
<i>NUDCD3</i>	-0.23053	0.116963	-1.970963	0.04872811	0.337537649
<i>ZNF322</i>	-0.322267	0.163529	-1.970706	0.04875749	0.337537649
<i>INTS6</i>	-0.181002	0.09185	-1.970613	0.04876814	0.337537649
<i>LINC01572</i>	0.693094	0.351741	1.970466	0.04878504	0.337537649
<i>FAM118B</i>	0.419666	0.212992	1.970336	0.04879993	0.337537649
<i>MBD4</i>	-0.172939	0.087809	-1.969498	0.0488959	0.338000505
<i>ENSG00000274184</i>	-0.901064	0.457606	-1.969082	0.04894368	0.338129929
<i>SEMA4A</i>	0.887266	0.450734	1.968492	0.04901141	0.338185077
<i>ENSG00000160602</i>	-0.248527	0.126254	-1.96847	0.04901395	0.338185077
<i>ERP29</i>	-0.118496	0.060204	-1.968254	0.04903887	0.338185077
<i>TEP1</i>	-0.476538	0.242145	-1.967989	0.04906925	0.338194099
<i>TTC39C</i>	-0.491645	0.250037	-1.96629	0.04926507	0.339048645
<i>LTA</i>	-0.370686	0.188526	-1.966228	0.04927228	0.339048645
<i>VPS13C</i>	-0.201181	0.102323	-1.966131	0.0492835	0.339048645
<i>CCND3</i>	0.159973	0.081374	1.965903	0.04930981	0.339048645
<i>NDUFV1</i>	0.170792	0.0869	1.96539	0.04936914	0.339256104
<i>DOT1L</i>	0.30988	0.157709	1.964884	0.04942769	0.339457948