

Table S11 Identified trait-associated genes from CTS TWAS analysis

a. Identified trait-associated genes from CTS TWAS analysis in frontal cortex

disorder	celltype	Genes	Estimates	Pvalues	Pvalues_BH	Pvalue_Bonferroni
Anxiety	Astros	<i>KCNAB2</i>	-0.000297532	0.00777083	0.463690388	1
Anxiety	Astros	<i>TCEA3</i>	-0.000987768	0.029726989	0.463690388	1
Anxiety	Astros	<i>RPS8</i>	-0.000401435	0.04354775	0.463690388	1
Anxiety	Astros	<i>RP11-17E13.2</i>	-0.001766664	0.007755685	0.463690388	1
Anxiety	Astros	<i>CDC7</i>	-0.000640522	0.036499156	0.463690388	1
Anxiety	Astros	<i>FAM72B</i>	-0.005672236	0.026568107	0.463690388	1
Anxiety	Astros	<i>C1orf43</i>	-0.000354949	0.048874588	0.463690388	1
Anxiety	Astros	<i>ADCY10</i>	-0.00078133	0.023785977	0.463690388	1
Anxiety	Astros	<i>CAMK1G</i>	-0.000589523	0.035967304	0.463690388	1
Anxiety	Astros	<i>SNAP47</i>	-0.000528753	0.024651526	0.463690388	1
Anxiety	Astros	<i>RP11-439M11.1</i>	0.001040347	0.046710601	0.463690388	1
Anxiety	Astros	<i>DNAJC5G</i>	-0.002333943	0.016795404	0.463690388	1
Anxiety	Astros	<i>REEP1</i>	-0.000282417	0.016995676	0.463690388	1
Anxiety	Astros	<i>LINC01103</i>	-0.000534206	0.039771123	0.463690388	1
Anxiety	Astros	<i>CCDC74B</i>	-0.002593912	0.036130998	0.463690388	1
Anxiety	Astros	<i>SCN9A</i>	-0.000311961	0.045459596	0.463690388	1
Anxiety	Astros	<i>GPR55</i>	-0.004542258	0.037076185	0.463690388	1
Anxiety	Astros	<i>AC097713.3</i>	-0.002268486	0.037688839	0.463690388	1
Anxiety	Astros	<i>ANO7</i>	-0.000908438	0.034616148	0.463690388	1
Anxiety	Astros	<i>RPUSD3</i>	-0.000611677	0.009143308	0.463690388	1
Anxiety	Astros	<i>WDR5B</i>	-0.001180356	0.038017014	0.463690388	1
Anxiety	Astros	<i>ALGIL</i>	-0.005303236	0.020733513	0.463690388	1
Anxiety	Astros	<i>ROPN1B</i>	-0.008164126	0.041067452	0.463690388	1
Anxiety	Astros	<i>RFC4</i>	-0.000862564	0.047106962	0.463690388	1
Anxiety	Astros	<i>MAN2B2</i>	-0.001017713	0.045740919	0.463690388	1
Anxiety	Astros	<i>RP11-689P11.2</i>	-0.000869478	0.033777531	0.463690388	1
Anxiety	Astros	<i>RPL9</i>	-0.000814413	0.048268419	0.463690388	1
Anxiety	Astros	<i>RP11-121C2.2</i>	-0.000881124	0.0283575	0.463690388	1
Anxiety	Astros	<i>C4orf33</i>	-0.000706394	0.026484837	0.463690388	1
Anxiety	Astros	<i>SRD5A1</i>	-0.000515203	0.031145926	0.463690388	1
Anxiety	Astros	<i>CTD-2170G1.2</i>	-0.002027258	0.022018887	0.463690388	1
Anxiety	Astros	<i>SLCO4C1</i>	-0.001951723	0.018276329	0.463690388	1
Anxiety	Astros	<i>CTB-1202.1</i>	-0.000795199	0.044046357	0.463690388	1
Anxiety	Astros	<i>FAM153C</i>	-0.000299389	0.045653802	0.463690388	1
Anxiety	Astros	<i>U91328.19</i>	-0.001495644	0.031536017	0.463690388	1
Anxiety	Astros	<i>MICB</i>	-0.002302202	0.034352858	0.463690388	1
Anxiety	Astros	<i>HLA-DMA</i>	-0.001249886	0.023002326	0.463690388	1
Anxiety	Astros	<i>GNMT</i>	-0.002495937	0.032264097	0.463690388	1
Anxiety	Astros	<i>XXbac-BPGBPG55C20.3</i>	-0.001976687	0.004441396	0.463690388	1
Anxiety	Astros	<i>XXbac-BPGBPG55C20.2</i>	-0.00049398	0.028222328	0.463690388	1
Anxiety	Astros	<i>ROS1</i>	-0.002645607	0.042435716	0.463690388	1
Anxiety	Astros	<i>TMEM244</i>	-0.002091634	0.028570385	0.463690388	1
Anxiety	Astros	<i>RP1-137D17.1</i>	-0.005983962	0.036572579	0.463690388	1
Anxiety	Astros	<i>GSI-166A23.2</i>	-0.004280224	0.012087757	0.463690388	1
Anxiety	Astros	<i>LINC00957</i>	-0.000712098	0.043005289	0.463690388	1
Anxiety	Astros	<i>GATSL2</i>	-0.00060111	0.008959396	0.463690388	1
Anxiety	Astros	<i>POM121C</i>	-0.000228389	0.046274772	0.463690388	1
Anxiety	Astros	<i>TAC1</i>	-0.000248292	0.039051322	0.463690388	1
Anxiety	Astros	<i>PILRB</i>	-0.000378355	0.032923799	0.463690388	1
Anxiety	Astros	<i>PILRA</i>	-0.000462691	0.025449642	0.463690388	1

Anxiety	Astros	<i>TMEM140</i>	-0.000920264	0.032124214	0.463690388	1
Anxiety	Astros	<i>RP11-51J9.6</i>	-0.005262448	0.039850202	0.463690388	1
Anxiety	Astros	<i>MCM4</i>	-0.001516394	0.016411249	0.463690388	1
Anxiety	Astros	<i>EFCAB1</i>	-0.00495947	0.027558611	0.463690388	1
Anxiety	Astros	<i>THEM6</i>	-0.000582706	0.026145672	0.463690388	1
Anxiety	Astros	<i>GSDMD</i>	-0.000764657	0.016987708	0.463690388	1
Anxiety	Astros	<i>SLC39A4</i>	-0.001167387	0.040379315	0.463690388	1
Anxiety	Astros	<i>KIF24</i>	-0.001212468	0.046822274	0.463690388	1
Anxiety	Astros	<i>RP11-112J3.16</i>	-0.000702129	0.028997692	0.463690388	1
Anxiety	Astros	<i>RP11-307E17.8</i>	-0.002301597	0.033486113	0.463690388	1
Anxiety	Astros	<i>ALDOB</i>	-0.005937062	0.015675457	0.463690388	1
Anxiety	Astros	<i>ADAMTS13</i>	-0.000746919	0.029645078	0.463690388	1
Anxiety	Astros	<i>LCN15</i>	-0.00171647	0.03727782	0.463690388	1
Anxiety	Astros	<i>FAM180B</i>	-0.001505897	0.03341787	0.463690388	1
Anxiety	Astros	<i>GSTP1</i>	-0.000324592	0.044836116	0.463690388	1
Anxiety	Astros	<i>RP11-469N6.1</i>	-0.002025163	0.047407995	0.463690388	1
Anxiety	Astros	<i>ZNF503</i>	-0.00067294	0.024894139	0.463690388	1
Anxiety	Astros	<i>CYP26C1</i>	-0.00985582	0.043979444	0.463690388	1
Anxiety	Astros	<i>TECTB</i>	-0.001143851	0.013684387	0.463690388	1
Anxiety	Astros	<i>UROS</i>	-0.000392551	0.014771146	0.463690388	1
Anxiety	Astros	<i>CIRL</i>	-0.002887113	0.030890538	0.463690388	1
Anxiety	Astros	<i>PRB2</i>	-0.000749227	0.040033234	0.463690388	1
Anxiety	Astros	<i>TSPAN11</i>	-0.000855756	0.048905876	0.463690388	1
Anxiety	Astros	<i>RHEBL1</i>	-0.001545597	0.030893854	0.463690388	1
Anxiety	Astros	<i>RDH5</i>	-0.006614079	0.049801754	0.463690388	1
Anxiety	Astros	<i>RP11-486O12.2</i>	-0.001651394	0.048400434	0.463690388	1
Anxiety	Astros	<i>RP11-575F12.2</i>	-0.007102633	0.037402223	0.463690388	1
Anxiety	Astros	<i>RP11-989F5.1</i>	-0.002991589	0.024315738	0.463690388	1
Anxiety	Astros	<i>LINC00426</i>	-0.006801753	0.015080186	0.463690388	1
Anxiety	Astros	<i>CAB39L</i>	-0.000634172	0.01423578	0.463690388	1
Anxiety	Astros	<i>RCBTB1</i>	-0.000482742	0.023370494	0.463690388	1
Anxiety	Astros	<i>OXGR1</i>	-0.006746801	0.01792329	0.463690388	1
Anxiety	Astros	<i>METTL21C</i>	-0.00571172	0.027821726	0.463690388	1
Anxiety	Astros	<i>LINC00443</i>	-0.001006092	0.045299809	0.463690388	1
Anxiety	Astros	<i>GPR135</i>	-0.000733255	0.026338762	0.463690388	1
Anxiety	Astros	<i>PIGH</i>	-0.000774696	0.045684737	0.463690388	1
Anxiety	Astros	<i>COX16</i>	-0.001969	0.046425561	0.463690388	1
Anxiety	Astros	<i>ACOT6</i>	-0.002178477	0.035166897	0.463690388	1
Anxiety	Astros	<i>FOS</i>	0.000136444	0.04382335	0.463690388	1
Anxiety	Astros	<i>GJD2</i>	-0.001051426	0.023428451	0.463690388	1
Anxiety	Astros	<i>DYX1C1</i>	-0.000899814	0.033699665	0.463690388	1
Anxiety	Astros	<i>MESDC2</i>	-0.000574494	0.037687727	0.463690388	1
Anxiety	Astros	<i>POLG</i>	-0.000636273	0.034987077	0.463690388	1
Anxiety	Astros	<i>NPRL3</i>	-0.000284795	0.022580347	0.463690388	1
Anxiety	Astros	<i>BOLA2</i>	-0.009484595	0.045581213	0.463690388	1
Anxiety	Astros	<i>NIP7</i>	-0.001419192	0.011787909	0.463690388	1
Anxiety	Astros	<i>EXOSC6</i>	-0.000364059	0.012769398	0.463690388	1
Anxiety	Astros	<i>APRT</i>	-0.000961063	0.03309312	0.463690388	1
Anxiety	Astros	<i>ACSF3</i>	-0.000691983	0.044998849	0.463690388	1
Anxiety	Astros	<i>VPS9D1</i>	-0.000227939	0.032924411	0.463690388	1
Anxiety	Astros	<i>ADPRM</i>	-0.002196098	0.026071784	0.463690388	1
Anxiety	Astros	<i>CTB-75G16.3</i>	-0.002227757	0.043678599	0.463690388	1
Anxiety	Astros	<i>COX11</i>	-0.000423675	0.033255522	0.463690388	1

Anxiety	Astros	<i>AKAP1</i>	-0.000493244	0.036869875	0.463690388	1
Anxiety	Astros	<i>SMIM6</i>	-0.001790356	0.040505675	0.463690388	1
Anxiety	Astros	<i>METTL4</i>	-0.000906035	0.047180791	0.463690388	1
Anxiety	Astros	<i>RP11-820I16.1</i>	-0.003357995	0.04556079	0.463690388	1
Anxiety	Astros	<i>UBA52</i>	-0.000323497	0.023673235	0.463690388	1
Anxiety	Astros	<i>ZNF253</i>	-0.000614639	0.04272556	0.463690388	1
Anxiety	Astros	<i>ZNF257</i>	-0.001002367	0.049460809	0.463690388	1
Anxiety	Astros	<i>SLC7A9</i>	-0.001397465	0.032389904	0.463690388	1
Anxiety	Astros	<i>SELV</i>	-0.001480542	0.014806051	0.463690388	1
Anxiety	Astros	<i>FAM83E</i>	-0.001348933	0.029049585	0.463690388	1
Anxiety	Astros	<i>RRAS</i>	-0.002785915	0.034233039	0.463690388	1
Anxiety	Astros	<i>ZNF528</i>	-0.00106294	0.02414249	0.463690388	1
Anxiety	Astros	<i>CACNG6</i>	-0.003210434	0.02524299	0.463690388	1
Anxiety	Astros	<i>LILRA4</i>	-0.00473202	0.009306604	0.463690388	1
Anxiety	Astros	<i>DGCR2</i>	-0.00043467	0.003053832	0.463690388	1
Anxiety	Astros	<i>AP000345.4</i>	-0.000714159	0.036314573	0.463690388	1
Anxiety	Astros	<i>ALG12</i>	-0.000983471	0.02782682	0.463690388	1
Anxiety	Astros	<i>CHKB</i>	-0.001512356	0.023577841	0.463690388	1
Anxiety	Ex	<i>CROCC</i>	-0.000328388	0.04894208	0.44015768	1
Anxiety	Ex	<i>PADI4</i>	-0.000919504	0.033618149	0.44015768	1
Anxiety	Ex	<i>MUL1</i>	-0.000772412	0.022760804	0.44015768	1
Anxiety	Ex	<i>PINK1</i>	-0.000419268	0.030432575	0.44015768	1
Anxiety	Ex	<i>TMEM50A</i>	-0.000429337	0.011872293	0.44015768	1
Anxiety	Ex	<i>RHCE</i>	-0.001291189	0.00909127	0.44015768	1
Anxiety	Ex	<i>RP11-268J15.5</i>	-0.001038262	0.009588929	0.44015768	1
Anxiety	Ex	<i>KIF2C</i>	-0.001588324	0.03022428	0.44015768	1
Anxiety	Ex	<i>GSTM4</i>	-0.000941768	0.038726119	0.44015768	1
Anxiety	Ex	<i>FAM72B</i>	-0.005504456	0.03148324	0.44015768	1
Anxiety	Ex	<i>ETV3L</i>	-0.002765127	0.041602197	0.44015768	1
Anxiety	Ex	<i>ATF6</i>	-0.000228452	0.010675648	0.44015768	1
Anxiety	Ex	<i>MAEL</i>	-0.001973213	0.028220699	0.44015768	1
Anxiety	Ex	<i>CHI3L1</i>	-0.000833413	0.045909054	0.44015768	1
Anxiety	Ex	<i>HHAT</i>	-0.000500863	0.041207966	0.44015768	1
Anxiety	Ex	<i>RP11-527D7.1</i>	-0.002348237	0.033594854	0.44015768	1
Anxiety	Ex	<i>EFCAB2</i>	-0.000434739	0.02237438	0.44015768	1
Anxiety	Ex	<i>LINC00487</i>	-0.002276168	0.048758691	0.44015768	1
Anxiety	Ex	<i>AC062028.1</i>	-0.00125106	0.015249966	0.44015768	1
Anxiety	Ex	<i>EPCAM</i>	-0.002232069	0.014349912	0.44015768	1
Anxiety	Ex	<i>EIF2AK3</i>	-0.000298147	0.046752937	0.44015768	1
Anxiety	Ex	<i>KCNIP3</i>	-0.00053072	0.004925261	0.44015768	1
Anxiety	Ex	<i>LINC01103</i>	-0.00053556	0.038740035	0.44015768	1
Anxiety	Ex	<i>C2orf82</i>	-0.000381394	0.038585848	0.44015768	1
Anxiety	Ex	<i>D2HGDH</i>	-0.000257607	0.034716587	0.44015768	1
Anxiety	Ex	<i>THUMPD3</i>	-0.000568607	0.021611351	0.44015768	1
Anxiety	Ex	<i>METTL6</i>	-0.000568641	0.041443547	0.44015768	1
Anxiety	Ex	<i>TTC21A</i>	-0.000748789	0.034871452	0.44015768	1
Anxiety	Ex	<i>ZNF589</i>	-0.000742019	0.008565982	0.44015768	1
Anxiety	Ex	<i>CACNA2D3</i>	-0.000113112	0.045605161	0.44015768	1
Anxiety	Ex	<i>KIAA1524</i>	-0.000716179	0.035939577	0.44015768	1
Anxiety	Ex	<i>EEFSEC</i>	-0.000433684	0.046413064	0.44015768	1
Anxiety	Ex	<i>RP11-723O4.9</i>	-0.002292056	0.043563909	0.44015768	1
Anxiety	Ex	<i>RAB43</i>	-0.00162046	0.021261101	0.44015768	1
Anxiety	Ex	<i>TTC14</i>	0.000213262	0.031928179	0.44015768	1

Anxiety	Ex	<i>DGKQ</i>	-0.000696276	0.042932298	0.44015768	1
Anxiety	Ex	<i>SLC26A1</i>	-0.006712988	0.01816581	0.44015768	1
Anxiety	Ex	<i>SLBP</i>	-0.000426812	0.049612927	0.44015768	1
Anxiety	Ex	<i>HTT</i>	-0.000211359	0.04927534	0.44015768	1
Anxiety	Ex	<i>YIPF7</i>	-0.001207723	0.042872495	0.44015768	1
Anxiety	Ex	<i>HSD17B13</i>	-0.002929555	0.018016673	0.44015768	1
Anxiety	Ex	<i>IBSP</i>	-0.003985625	0.038663871	0.44015768	1
Anxiety	Ex	<i>ARFIP1</i>	-0.000250685	0.039270482	0.44015768	1
Anxiety	Ex	<i>NKD2</i>	-0.001744959	0.044559162	0.44015768	1
Anxiety	Ex	<i>CTC-471C19.1</i>	-0.006388799	0.037627045	0.44015768	1
Anxiety	Ex	<i>TTC23L</i>	-0.000906301	0.043542815	0.44015768	1
Anxiety	Ex	<i>CTC-498J12.1</i>	-0.006378666	0.038808025	0.44015768	1
Anxiety	Ex	<i>SERF1A</i>	-0.006114964	0.012404646	0.44015768	1
Anxiety	Ex	<i>GTF2H2</i>	-0.000420624	0.04488866	0.44015768	1
Anxiety	Ex	<i>CAMLG</i>	-0.000462609	0.017992279	0.44015768	1
Anxiety	Ex	<i>ZMAT2</i>	-0.000329061	0.038509829	0.44015768	1
Anxiety	Ex	<i>ARHGEF37</i>	-0.000528875	0.031948176	0.44015768	1
Anxiety	Ex	<i>THG1L</i>	-0.00105699	0.046550583	0.44015768	1
Anxiety	Ex	<i>RP11-1026M7.2</i>	-0.002322613	0.013208558	0.44015768	1
Anxiety	Ex	<i>DUSP22</i>	-0.00067154	0.018833211	0.44015768	1
Anxiety	Ex	<i>TBC1D7</i>	-0.001079817	0.025751643	0.44015768	1
Anxiety	Ex	<i>DCDC2</i>	-0.000932259	0.043549215	0.44015768	1
Anxiety	Ex	<i>BAG6</i>	-0.000671346	0.041133166	0.44015768	1
Anxiety	Ex	<i>GUCA1A</i>	-0.003637888	0.023688959	0.44015768	1
Anxiety	Ex	<i>ROS1</i>	-0.002609243	0.04577475	0.44015768	1
Anxiety	Ex	<i>CRHR2</i>	-0.002516073	0.01329296	0.44015768	1
Anxiety	Ex	<i>BMPER</i>	-0.000213916	0.046409535	0.44015768	1
Anxiety	Ex	<i>PSPH</i>	-0.001121998	0.007465336	0.44015768	1
Anxiety	Ex	<i>GATSL2</i>	-0.000499637	0.029897859	0.44015768	1
Anxiety	Ex	<i>UPK3B</i>	-0.009344805	0.031426237	0.44015768	1
Anxiety	Ex	<i>STRIP2</i>	-0.000883489	0.038097449	0.44015768	1
Anxiety	Ex	<i>LRRC61</i>	-0.001052746	0.013137652	0.44015768	1
Anxiety	Ex	<i>PLEKHA2</i>	-0.000332639	0.03575864	0.44015768	1
Anxiety	Ex	<i>ARMCI</i>	-0.000300117	0.039796083	0.44015768	1
Anxiety	Ex	<i>ZFAND1</i>	-0.000357511	0.033779847	0.44015768	1
Anxiety	Ex	<i>FOCAD</i>	-0.000136438	0.040003134	0.44015768	1
Anxiety	Ex	<i>KIF24</i>	-0.00140285	0.021995261	0.44015768	1
Anxiety	Ex	<i>SUSD1</i>	-0.000424822	0.049439102	0.44015768	1
Anxiety	Ex	<i>RP11-247A12.7</i>	-0.002908249	0.011862843	0.44015768	1
Anxiety	Ex	<i>LCN8</i>	-0.004981125	0.043998248	0.44015768	1
Anxiety	Ex	<i>NDOR1</i>	-0.000561916	0.008175413	0.44015768	1
Anxiety	Ex	<i>DRD4</i>	-0.002502629	0.033292173	0.44015768	1
Anxiety	Ex	<i>OR51E2</i>	-0.008532272	0.034660175	0.44015768	1
Anxiety	Ex	<i>SAAL1</i>	-0.000623557	0.032946193	0.44015768	1
Anxiety	Ex	<i>CDC45</i>	-0.004267653	0.006654094	0.44015768	1
Anxiety	Ex	<i>GSTP1</i>	-0.000353751	0.029036695	0.44015768	1
Anxiety	Ex	<i>ALG8</i>	-0.000576105	0.042916345	0.44015768	1
Anxiety	Ex	<i>CWC15</i>	-0.000569926	0.006195554	0.44015768	1
Anxiety	Ex	<i>CCDC82</i>	-0.000368151	0.029969105	0.44015768	1
Anxiety	Ex	<i>THY1</i>	-0.000154021	0.021592073	0.44015768	1
Anxiety	Ex	<i>MTPAP</i>	-0.001001634	0.029764939	0.44015768	1
Anxiety	Ex	<i>ADAMTS14</i>	-0.000356591	0.040382155	0.44015768	1
Anxiety	Ex	<i>C10orf82</i>	-0.002595075	0.040244664	0.44015768	1

Anxiety	Ex	<i>LINC01168</i>	-0.004349163	0.037796554	0.44015768	1
Anxiety	Ex	<i>SLC2A14</i>	-0.001079492	0.019636777	0.44015768	1
Anxiety	Ex	<i>KLRC2</i>	-0.001268497	0.041954474	0.44015768	1
Anxiety	Ex	<i>PRB2</i>	-0.000893195	0.014290087	0.44015768	1
Anxiety	Ex	<i>XRCC6BP1</i>	-0.001199198	0.01321531	0.44015768	1
Anxiety	Ex	<i>CSRP2</i>	-0.00147007	0.02349424	0.44015768	1
Anxiety	Ex	<i>PLA2G1B</i>	-0.003288409	0.041881871	0.44015768	1
Anxiety	Ex	<i>RP11-575F12.2</i>	-0.006806147	0.046489286	0.44015768	1
Anxiety	Ex	<i>RP11-989F5.1</i>	-0.002914362	0.028309763	0.44015768	1
Anxiety	Ex	<i>LINC00426</i>	-0.005536236	0.048146192	0.44015768	1
Anxiety	Ex	<i>SOHLH2</i>	-0.003482353	0.015513248	0.44015768	1
Anxiety	Ex	<i>CAB39L</i>	-0.000575184	0.026184574	0.44015768	1
Anxiety	Ex	<i>CKAP2</i>	-0.000576028	0.042989231	0.44015768	1
Anxiety	Ex	<i>HNRNPAIL2</i>	-0.000662725	0.043491894	0.44015768	1
Anxiety	Ex	<i>LINC00551</i>	-0.009244829	0.032377501	0.44015768	1
Anxiety	Ex	<i>LINC00443</i>	-0.001150132	0.022085711	0.44015768	1
Anxiety	Ex	<i>TRAPPC6B</i>	-0.000301156	0.04357733	0.44015768	1
Anxiety	Ex	<i>RP11-218E20.3</i>	-0.007154798	0.039216741	0.44015768	1
Anxiety	Ex	<i>RP11-665C16.6</i>	-0.005906621	0.038071155	0.44015768	1
Anxiety	Ex	<i>ADCK1</i>	-0.000595316	0.036514203	0.44015768	1
Anxiety	Ex	<i>TMEM179</i>	-0.000328775	0.040306248	0.44015768	1
Anxiety	Ex	<i>C14orf79</i>	-0.001142206	0.013425855	0.44015768	1
Anxiety	Ex	<i>RP11-430B1.2</i>	-0.001379343	0.036811151	0.44015768	1
Anxiety	Ex	<i>CYP1A1</i>	-0.005853062	0.015163193	0.44015768	1
Anxiety	Ex	<i>UBE2Q2L</i>	-0.000634083	0.025697781	0.44015768	1
Anxiety	Ex	<i>TPSD1</i>	-0.004673487	0.034996181	0.44015768	1
Anxiety	Ex	<i>HAGH</i>	0.000245685	0.041629715	0.44015768	1
Anxiety	Ex	<i>RP11-243A14.1</i>	-0.001035783	0.035945872	0.44015768	1
Anxiety	Ex	<i>EARS2</i>	-0.000799229	0.049827864	0.44015768	1
Anxiety	Ex	<i>SULT1A2</i>	-0.001626916	0.018435952	0.44015768	1
Anxiety	Ex	<i>AKTIP</i>	-0.000763553	0.040700253	0.44015768	1
Anxiety	Ex	<i>EXOSC6</i>	-0.000353273	0.015859894	0.44015768	1
Anxiety	Ex	<i>GAS8</i>	-0.000458416	0.042873486	0.44015768	1
Anxiety	Ex	<i>SERPINF2</i>	-0.001392224	0.046244242	0.44015768	1
Anxiety	Ex	<i>FAM106A</i>	-0.001688832	0.029337814	0.44015768	1
Anxiety	Ex	<i>FAM134C</i>	-0.000267987	0.047645251	0.44015768	1
Anxiety	Ex	<i>TUBG2</i>	-0.000296825	0.021903431	0.44015768	1
Anxiety	Ex	<i>RP11-805F19.1</i>	-0.003798191	0.04073902	0.44015768	1
Anxiety	Ex	<i>SRXN1</i>	-0.004085717	0.040304634	0.44015768	1
Anxiety	Ex	<i>MROH8</i>	-0.00035885	0.0442704	0.44015768	1
Anxiety	Ex	<i>WFDC3</i>	-0.002060615	0.008699555	0.44015768	1
Anxiety	Ex	<i>C2CD4C</i>	-0.001136646	0.036837212	0.44015768	1
Anxiety	Ex	<i>MIR7-3HG</i>	-0.00076059	0.015757711	0.44015768	1
Anxiety	Ex	<i>TIMM44</i>	-0.000464708	0.049030891	0.44015768	1
Anxiety	Ex	<i>AKAP8</i>	-0.000465468	0.014969346	0.44015768	1
Anxiety	Ex	<i>AP1M1</i>	-0.000348542	0.036574532	0.44015768	1
Anxiety	Ex	<i>ZNF738</i>	-0.00051857	0.02460141	0.44015768	1
Anxiety	Ex	<i>AC025811.3</i>	-0.000649381	0.027278743	0.44015768	1
Anxiety	Ex	<i>CTD-3162L10.1</i>	-0.001016859	0.045968935	0.44015768	1
Anxiety	Ex	<i>FCGBP</i>	-0.003082705	0.037409003	0.44015768	1
Anxiety	Ex	<i>AC115522.3</i>	-0.004189611	0.04877195	0.44015768	1
Anxiety	Ex	<i>PVR</i>	-0.002328699	0.048377601	0.44015768	1
Anxiety	Ex	<i>ALDH16A1</i>	-0.004291496	0.047207275	0.44015768	1

Anxiety	Ex	<i>RRAS</i>	-0.002613652	0.046692778	0.44015768	1
Anxiety	Ex	<i>ZNF549</i>	-0.000834484	0.032242267	0.44015768	1
Anxiety	Ex	<i>ZNF586</i>	-0.000470433	0.02783939	0.44015768	1
Anxiety	Ex	<i>DGCR2</i>	-0.00035663	0.014945998	0.44015768	1
Anxiety	Ex	<i>CLTCL1</i>	-0.000654886	0.049206076	0.44015768	1
Anxiety	Ex	<i>AP000350.5</i>	-0.002293186	0.022316233	0.44015768	1
Anxiety	Ex	<i>NIPSNAP1</i>	-0.000498823	0.028866292	0.44015768	1
Anxiety	Ex	<i>NF2</i>	-0.000667273	0.028177374	0.44015768	1
Anxiety	Ex	<i>PHF5A</i>	-0.001542814	0.002873557	0.44015768	1
Anxiety	Ex	<i>SULT4A1</i>	-0.000250051	0.015611477	0.44015768	1
Anxiety	Ex	<i>IL10RB</i>	-0.000767249	0.016063903	0.44015768	1
Anxiety	Inhib	<i>SLC2A1-AS1</i>	-0.000726411	0.028470311	0.631945157	1
Anxiety	Inhib	<i>HENMT1</i>	-0.000869893	0.035130912	0.631945157	1
Anxiety	Inhib	<i>GSTM4</i>	-0.000958944	0.035200392	0.631945157	1
Anxiety	Inhib	<i>GSTM2</i>	-0.000552004	0.038129767	0.631945157	1
Anxiety	Inhib	<i>PSMD4</i>	-0.000295499	0.043514558	0.631945157	1
Anxiety	Inhib	<i>FCERIA</i>	-0.010306541	0.005077892	0.631945157	1
Anxiety	Inhib	<i>TSEN15</i>	-0.000593827	0.03517297	0.631945157	1
Anxiety	Inhib	<i>PLB1</i>	-0.002079963	0.006333408	0.631945157	1
Anxiety	Inhib	<i>ZAP70</i>	-0.00470963	0.034135768	0.631945157	1
Anxiety	Inhib	<i>AFF3</i>	-0.000202823	0.015180375	0.631945157	1
Anxiety	Inhib	<i>CREG2</i>	-0.000315809	0.035728708	0.631945157	1
Anxiety	Inhib	<i>LINC01103</i>	-0.000531139	0.040391285	0.631945157	1
Anxiety	Inhib	<i>SCN9A</i>	-0.00030802	0.048934887	0.631945157	1
Anxiety	Inhib	<i>SLC39A10</i>	-0.000163651	0.038933811	0.631945157	1
Anxiety	Inhib	<i>COL4A4</i>	-0.000487278	0.044931916	0.631945157	1
Anxiety	Inhib	<i>POGLUT1</i>	-0.000516157	0.039252372	0.631945157	1
Anxiety	Inhib	<i>C3orf70</i>	-0.000429457	0.029702153	0.631945157	1
Anxiety	Inhib	<i>TRMT44</i>	-0.000731965	0.040793211	0.631945157	1
Anxiety	Inhib	<i>RP11-689P11.2</i>	-0.000986003	0.016224138	0.631945157	1
Anxiety	Inhib	<i>RP11-121C2.2</i>	-0.000824869	0.039913298	0.631945157	1
Anxiety	Inhib	<i>CDKL2</i>	-0.000468466	0.027198035	0.631945157	1
Anxiety	Inhib	<i>PRDM8</i>	-0.000674739	0.024933816	0.631945157	1
Anxiety	Inhib	<i>SPATA4</i>	-0.001076372	0.017462253	0.631945157	1
Anxiety	Inhib	<i>SPINK9</i>	-0.00128864	0.013473761	0.631945157	1
Anxiety	Inhib	<i>DUSP22</i>	-0.000608881	0.034021884	0.631945157	1
Anxiety	Inhib	<i>LY6G5C</i>	-0.00139239	0.009690034	0.631945157	1
Anxiety	Inhib	<i>RP11-250B2.6</i>	-0.003068411	0.04181357	0.631945157	1
Anxiety	Inhib	<i>THBS2</i>	-0.00022377	0.029649535	0.631945157	1
Anxiety	Inhib	<i>TRPV6</i>	-0.003323369	0.021684243	0.631945157	1
Anxiety	Inhib	<i>YWHAZ</i>	-0.000187608	0.036766309	0.631945157	1
Anxiety	Inhib	<i>RNF139-AS1</i>	-0.00110093	0.028041043	0.631945157	1
Anxiety	Inhib	<i>ACCS</i>	-0.00121736	0.027356651	0.631945157	1
Anxiety	Inhib	<i>MED19</i>	-0.000902766	0.038633183	0.631945157	1
Anxiety	Inhib	<i>ALG8</i>	-0.000735109	0.009687486	0.631945157	1
Anxiety	Inhib	<i>AIFM2</i>	-0.000877477	0.024417459	0.631945157	1
Anxiety	Inhib	<i>RP11-885B4.1</i>	-0.001155206	0.008356928	0.631945157	1
Anxiety	Inhib	<i>VAMPI</i>	-0.000392148	0.035898053	0.631945157	1
Anxiety	Inhib	<i>H2AFJ</i>	-0.000671827	0.04419417	0.631945157	1
Anxiety	Inhib	<i>DNAJC15</i>	-0.000499949	0.036332453	0.631945157	1
Anxiety	Inhib	<i>TOX4</i>	-0.00031913	0.027024118	0.631945157	1
Anxiety	Inhib	<i>EIF2B2</i>	-0.000697928	0.044562567	0.631945157	1
Anxiety	Inhib	<i>RP11-982M15.6</i>	-0.002793757	0.04840629	0.631945157	1

Anxiety	Inhib	<i>C15orf40</i>	-0.000613123	0.035803969	0.631945157	1
Anxiety	Inhib	<i>HBQ1</i>	-0.001630678	0.043077966	0.631945157	1
Anxiety	Inhib	<i>FAHDI</i>	-0.001481196	0.001115024	0.631945157	1
Anxiety	Inhib	<i>RMI2</i>	-0.001239369	0.04351159	0.631945157	1
Anxiety	Inhib	<i>TIMM22</i>	-0.001027955	0.026018222	0.631945157	1
Anxiety	Inhib	<i>ELAC2</i>	-0.000536624	0.014202133	0.631945157	1
Anxiety	Inhib	<i>TMEM132E</i>	0.001315315	0.016171753	0.631945157	1
Anxiety	Inhib	<i>MMD</i>	-0.000548903	0.024301832	0.631945157	1
Anxiety	Inhib	<i>CYB561</i>	-0.000942306	0.041863523	0.631945157	1
Anxiety	Inhib	<i>CCDC57</i>	-0.000314151	0.032204366	0.631945157	1
Anxiety	Inhib	<i>PTPRA</i>	-0.000132433	0.046496811	0.631945157	1
Anxiety	Inhib	<i>TCFL5</i>	-0.000737756	0.03959161	0.631945157	1
Anxiety	Inhib	<i>REEP6</i>	-0.001691819	0.014461739	0.631945157	1
Anxiety	Inhib	<i>ZNF681</i>	-0.001580247	0.013465482	0.631945157	1
Anxiety	Inhib	<i>ZNF584</i>	-0.001027447	0.004205525	0.631945157	1
Anxiety	Inhib	<i>GNAZ</i>	-0.00047214	0.023622063	0.631945157	1
Anxiety	Inhib	<i>SYNGR1</i>	-0.000257828	0.036816922	0.631945157	1
Anxiety	Inhib	<i>CHKB</i>	-0.001619426	0.016546953	0.631945157	1
Anxiety	Inhib	<i>BRWD1</i>	-0.000131559	0.031028624	0.631945157	1
Anxiety	Micro_Macrc	<i>HTR1D</i>	-0.00379848	0.012329956	0.610271953	1
Anxiety	Micro_Macrc	<i>CDC7</i>	-0.000610322	0.046612455	0.610271953	1
Anxiety	Micro_Macrc	<i>C1orf43</i>	-0.000469496	0.009120278	0.610271953	1
Anxiety	Micro_Macrc	<i>TSTD1</i>	-0.003457136	0.029045481	0.610271953	1
Anxiety	Micro_Macrc	<i>DUSP12</i>	-0.000963379	0.039309681	0.610271953	1
Anxiety	Micro_Macrc	<i>RP11-160H22.5</i>	-0.00331906	0.015110407	0.610271953	1
Anxiety	Micro_Macrc	<i>TOR3A</i>	-0.001611021	0.011005071	0.610271953	1
Anxiety	Micro_Macrc	<i>TNNT2</i>	-0.00096964	0.048233037	0.610271953	1
Anxiety	Micro_Macrc	<i>TMEM183A</i>	-0.000645776	0.042395141	0.610271953	1
Anxiety	Micro_Macrc	<i>CAMK1G</i>	-0.000701391	0.012580291	0.610271953	1
Anxiety	Micro_Macrc	<i>RP11-295M18.6</i>	-0.000826841	0.034698184	0.610271953	1
Anxiety	Micro_Macrc	<i>TSSC1</i>	-0.000351658	0.027945151	0.610271953	1
Anxiety	Micro_Macrc	<i>RP11-245G13.2</i>	-0.003415366	0.040771532	0.610271953	1
Anxiety	Micro_Macrc	<i>NBAS</i>	-0.000222885	0.00168463	0.610271953	1
Anxiety	Micro_Macrc	<i>BRE</i>	-0.000199939	0.027511664	0.610271953	1
Anxiety	Micro_Macrc	<i>CDC42EP3</i>	-0.000746071	0.01212101	0.610271953	1
Anxiety	Micro_Macrc	<i>RP11-521O16.2</i>	-0.003047482	0.008699911	0.610271953	1
Anxiety	Micro_Macrc	<i>LINC01116</i>	-0.003289606	0.045635256	0.610271953	1
Anxiety	Micro_Macrc	<i>RP11-410E4.1</i>	-0.002570947	0.03588928	0.610271953	1
Anxiety	Micro_Macrc	<i>GPR55</i>	-0.004447367	0.041636906	0.610271953	1
Anxiety	Micro_Macrc	<i>AC097713.3</i>	-0.002212775	0.042284848	0.610271953	1
Anxiety	Micro_Macrc	<i>OXTR</i>	-0.001359804	0.00882053	0.610271953	1
Anxiety	Micro_Macrc	<i>KIAA1524</i>	-0.0007096	0.037597939	0.610271953	1
Anxiety	Micro_Macrc	<i>COPS4</i>	-0.000702421	0.003079567	0.610271953	1
Anxiety	Micro_Macrc	<i>RP11-499E18.1</i>	-0.006022662	0.035247435	0.610271953	1
Anxiety	Micro_Macrc	<i>TBCK</i>	-0.000385326	0.022489557	0.610271953	1
Anxiety	Micro_Macrc	<i>GCNT4</i>	-0.00146016	0.035928934	0.610271953	1
Anxiety	Micro_Macrc	<i>BHMT</i>	-0.003974432	0.032436269	0.610271953	1
Anxiety	Micro_Macrc	<i>RP11-119J18.1</i>	-0.004374361	0.040348126	0.610271953	1
Anxiety	Micro_Macrc	<i>RP11-524C21.2</i>	-0.005269584	0.010344692	0.610271953	1
Anxiety	Micro_Macrc	<i>UHRF1BP1</i>	-0.000452906	0.008837359	0.610271953	1
Anxiety	Micro_Macrc	<i>HMGCLL1</i>	-0.000411497	0.041010738	0.610271953	1
Anxiety	Micro_Macrc	<i>SMIM8</i>	-0.000539598	0.040482006	0.610271953	1
Anxiety	Micro_Macrc	<i>TMEM244</i>	-0.001907539	0.046463446	0.610271953	1

Anxiety	Micro_Macrc	<i>MTRFIL</i>	-0.001178072	0.044548941	0.610271953	1
Anxiety	Micro_Macrc	<i>RP4-777O23.1</i>	-0.002011348	0.014838474	0.610271953	1
Anxiety	Micro_Macrc	<i>LSMEM1</i>	-0.001824371	0.047580235	0.610271953	1
Anxiety	Micro_Macrc	<i>XKR9</i>	-0.000781416	0.044284712	0.610271953	1
Anxiety	Micro_Macrc	<i>ESRP1</i>	-0.003131837	0.028829944	0.610271953	1
Anxiety	Micro_Macrc	<i>YWHAZ</i>	-0.000178056	0.047408742	0.610271953	1
Anxiety	Micro_Macrc	<i>SH3GL2</i>	-0.000154042	0.049903623	0.610271953	1
Anxiety	Micro_Macrc	<i>NOL6</i>	-0.001052792	0.044489917	0.610271953	1
Anxiety	Micro_Macrc	<i>CYP4F26P</i>	-0.000683328	0.028697562	0.610271953	1
Anxiety	Micro_Macrc	<i>RP11-384P7.7</i>	-0.002297135	0.019008782	0.610271953	1
Anxiety	Micro_Macrc	<i>TMEM223</i>	-0.000887558	0.044019203	0.610271953	1
Anxiety	Micro_Macrc	<i>HMBS</i>	-0.000744157	0.003469882	0.610271953	1
Anxiety	Micro_Macrc	<i>THY1</i>	-0.000145803	0.028968536	0.610271953	1
Anxiety	Micro_Macrc	<i>RP11-479G22.8</i>	-0.003327876	0.048000969	0.610271953	1
Anxiety	Micro_Macrc	<i>CSGALNACT2</i>	-0.000313836	0.009090348	0.610271953	1
Anxiety	Micro_Macrc	<i>NUTM2A</i>	-0.00800305	0.034373673	0.610271953	1
Anxiety	Micro_Macrc	<i>AFAP1L2</i>	-0.000384126	0.028882402	0.610271953	1
Anxiety	Micro_Macrc	<i>CCDC77</i>	-0.000623664	0.034357176	0.610271953	1
Anxiety	Micro_Macrc	<i>DENND5B</i>	-0.000193999	0.040392354	0.610271953	1
Anxiety	Micro_Macrc	<i>RP11-218E20.3</i>	-0.007064946	0.042134898	0.610271953	1
Anxiety	Micro_Macrc	<i>ACOT6</i>	-0.003036323	0.003177764	0.610271953	1
Anxiety	Micro_Macrc	<i>RHOV</i>	-0.001522347	0.014245399	0.610271953	1
Anxiety	Micro_Macrc	<i>RP11-107F6.3</i>	-0.002114035	0.041224034	0.610271953	1
Anxiety	Micro_Macrc	<i>STRC</i>	-0.000748769	0.048078088	0.610271953	1
Anxiety	Micro_Macrc	<i>RAB40C</i>	-0.000221394	0.044229875	0.610271953	1
Anxiety	Micro_Macrc	<i>PHLPP2</i>	-0.00032036	0.049435029	0.610271953	1
Anxiety	Micro_Macrc	<i>TMEM220</i>	-0.000407402	0.035227207	0.610271953	1
Anxiety	Micro_Macrc	<i>TBC1D26</i>	-0.003337076	0.013987555	0.610271953	1
Anxiety	Micro_Macrc	<i>CYB561</i>	-0.000936457	0.042955294	0.610271953	1
Anxiety	Micro_Macrc	<i>ABCA10</i>	-0.000361181	0.035949835	0.610271953	1
Anxiety	Micro_Macrc	<i>RP11-388C12.1</i>	-0.003061319	0.032142962	0.610271953	1
Anxiety	Micro_Macrc	<i>CYP4F2</i>	-0.008065193	0.027335959	0.610271953	1
Anxiety	Micro_Macrc	<i>AC025811.3</i>	-0.00058788	0.043783262	0.610271953	1
Anxiety	Micro_Macrc	<i>ZNF730</i>	-0.000608891	0.036504959	0.610271953	1
Anxiety	Micro_Macrc	<i>UPK1A</i>	-0.002078185	0.027928431	0.610271953	1
Anxiety	Micro_Macrc	<i>IRGC</i>	-0.006962613	0.042555007	0.610271953	1
Anxiety	Micro_Macrc	<i>LYPD5</i>	-0.001124975	0.039028499	0.610271953	1
Anxiety	Micro_Macrc	<i>PNMAL1</i>	-0.000356828	0.048691315	0.610271953	1
Anxiety	Micro_Macrc	<i>MAMSTR</i>	-0.001437144	0.049501948	0.610271953	1
Anxiety	Micro_Macrc	<i>ZNF549</i>	-0.000766619	0.048993165	0.610271953	1
Anxiety	Micro_Macrc	<i>P2RX6</i>	-0.000854636	0.036145459	0.610271953	1
Anxiety	Micro_Macrc	<i>NF2</i>	-0.00075261	0.012513581	0.610271953	1
Anxiety	Micro_Macrc	<i>SCUBE1</i>	-0.0022537	0.046170059	0.610271953	1
Anxiety	Micro_Macrc	<i>KCNJ6</i>	-0.000399011	0.018494875	0.610271953	1
Anxiety	Micro_Macrc	<i>AF064858.7</i>	-0.011005788	0.038243373	0.610271953	1
Anxiety	Oligos	<i>ATPIF1</i>	-0.000179098	0.039809724	0.512172422	1
Anxiety	Oligos	<i>RP11-268J15.5</i>	-0.000930274	0.020297091	0.512172422	1
Anxiety	Oligos	<i>ITGB3BP</i>	-0.000421189	0.027985939	0.512172422	1
Anxiety	Oligos	<i>UBE2U</i>	-0.001689349	0.045060746	0.512172422	1
Anxiety	Oligos	<i>F3</i>	0.000216705	0.006434364	0.512172422	1
Anxiety	Oligos	<i>SNX27</i>	-0.000260633	0.030964056	0.512172422	1
Anxiety	Oligos	<i>MAEL</i>	-0.002052739	0.022581231	0.512172422	1
Anxiety	Oligos	<i>CAMK1G</i>	-0.000604078	0.03154894	0.512172422	1

Anxiety	Oligos	<i>IARS2</i>	-0.000440772	0.036833255	0.512172422	1
Anxiety	Oligos	<i>NVL</i>	-0.000787674	0.003365616	0.512172422	1
Anxiety	Oligos	<i>ALLC</i>	-0.005495279	0.048666675	0.512172422	1
Anxiety	Oligos	<i>DRC1</i>	-0.002022299	0.028749559	0.512172422	1
Anxiety	Oligos	<i>DNAJC5G</i>	-0.001973212	0.042926153	0.512172422	1
Anxiety	Oligos	<i>AC068282.3</i>	-0.000891135	0.020746764	0.512172422	1
Anxiety	Oligos	<i>RP1-156L9.1</i>	-0.002282927	0.039839826	0.512172422	1
Anxiety	Oligos	<i>SCN9A</i>	-0.000310273	0.047151407	0.512172422	1
Anxiety	Oligos	<i>RP11-324L17.1</i>	-0.007163074	0.048463031	0.512172422	1
Anxiety	Oligos	<i>CAPN10</i>	-0.000376717	0.039811541	0.512172422	1
Anxiety	Oligos	<i>RP4-555D20.2</i>	-0.000542301	0.049345084	0.512172422	1
Anxiety	Oligos	<i>TDGF1</i>	-0.003495815	0.019811521	0.512172422	1
Anxiety	Oligos	<i>ABHD14A</i>	-0.004872418	0.015718932	0.512172422	1
Anxiety	Oligos	<i>GUCA1C</i>	-0.003387677	0.022349187	0.512172422	1
Anxiety	Oligos	<i>LINC00488</i>	-0.003364378	0.010384272	0.512172422	1
Anxiety	Oligos	<i>RAB43</i>	-0.001475779	0.036774549	0.512172422	1
Anxiety	Oligos	<i>ANAPC13</i>	-0.000595871	0.028866556	0.512172422	1
Anxiety	Oligos	<i>RP11-368I23.2</i>	-0.001349549	0.010957495	0.512172422	1
Anxiety	Oligos	<i>RP11-197K6.1</i>	-0.001373572	0.024881881	0.512172422	1
Anxiety	Oligos	<i>AC069513.4</i>	-0.001003625	0.043141606	0.512172422	1
Anxiety	Oligos	<i>SLBP</i>	-0.000534175	0.013895542	0.512172422	1
Anxiety	Oligos	<i>TACC3</i>	-0.001114649	0.039895251	0.512172422	1
Anxiety	Oligos	<i>SNHG8</i>	-0.000500138	0.044881437	0.512172422	1
Anxiety	Oligos	<i>RP11-332J15.2</i>	-0.004936151	0.049111126	0.512172422	1
Anxiety	Oligos	<i>RP11-122F24.1</i>	-0.000668135	0.032514193	0.512172422	1
Anxiety	Oligos	<i>SLCO4C1</i>	-0.001623806	0.049895312	0.512172422	1
Anxiety	Oligos	<i>PCDHB10</i>	-0.000702762	0.044116007	0.512172422	1
Anxiety	Oligos	<i>SPINK9</i>	-0.001142527	0.02825077	0.512172422	1
Anxiety	Oligos	<i>NEURL1B</i>	-0.001153559	0.022900363	0.512172422	1
Anxiety	Oligos	<i>B4GALT7</i>	-0.000733702	0.013094311	0.512172422	1
Anxiety	Oligos	<i>C5orf45</i>	-0.000343299	0.042805562	0.512172422	1
Anxiety	Oligos	<i>ZNF391</i>	-0.001059133	0.044035936	0.512172422	1
Anxiety	Oligos	<i>ZSCAN31</i>	-0.000755962	0.041530332	0.512172422	1
Anxiety	Oligos	<i>UHRF1BP1</i>	-0.000388076	0.025350821	0.512172422	1
Anxiety	Oligos	<i>STEAP2</i>	-0.000308222	0.041557964	0.512172422	1
Anxiety	Oligos	<i>AZGP1</i>	-0.000676433	0.039566875	0.512172422	1
Anxiety	Oligos	<i>MEPCE</i>	-0.000629075	0.031070558	0.512172422	1
Anxiety	Oligos	<i>TSC22D4</i>	0.000159081	0.037003074	0.512172422	1
Anxiety	Oligos	<i>LSMEM1</i>	-0.002000068	0.029681057	0.512172422	1
Anxiety	Oligos	<i>PRSS55</i>	-0.002882721	0.045309537	0.512172422	1
Anxiety	Oligos	<i>RP11-1C8.7</i>	-0.001588125	0.025779478	0.512172422	1
Anxiety	Oligos	<i>CBWD1</i>	-0.000392241	0.043033454	0.512172422	1
Anxiety	Oligos	<i>NOL6</i>	-0.001111135	0.034020204	0.512172422	1
Anxiety	Oligos	<i>RP11-384P7.7</i>	-0.002065488	0.03430185	0.512172422	1
Anxiety	Oligos	<i>C9orf91</i>	-0.001040834	0.012744721	0.512172422	1
Anxiety	Oligos	<i>RP11-247A12.7</i>	-0.002783402	0.016264626	0.512172422	1
Anxiety	Oligos	<i>SARDH</i>	-0.002051964	0.007274041	0.512172422	1
Anxiety	Oligos	<i>LCN1</i>	-0.006994649	0.031666587	0.512172422	1
Anxiety	Oligos	<i>GAL</i>	-0.002066025	0.032272242	0.512172422	1
Anxiety	Oligos	<i>KCTD21</i>	-0.001194678	0.015858647	0.512172422	1
Anxiety	Oligos	<i>HTR3B</i>	-0.002012562	0.028469113	0.512172422	1
Anxiety	Oligos	<i>CDON</i>	-0.000463425	0.049592267	0.512172422	1
Anxiety	Oligos	<i>RP11-127L20.3</i>	-0.005436725	0.043789523	0.512172422	1

Anxiety	Oligos	<i>PEX5</i>	-0.000423506	0.014679337	0.512172422	1
Anxiety	Oligos	<i>KRR1</i>	-0.000356351	0.035616996	0.512172422	1
Anxiety	Oligos	<i>PAH</i>	-0.00274428	0.002906098	0.512172422	1
Anxiety	Oligos	<i>NOS1</i>	-0.000318094	0.032056768	0.512172422	1
Anxiety	Oligos	<i>COQ5</i>	-0.000420411	0.010240439	0.512172422	1
Anxiety	Oligos	<i>RP11-486O12.2</i>	-0.001807881	0.03155211	0.512172422	1
Anxiety	Oligos	<i>RP4-809F18.2</i>	-0.005334417	0.031509873	0.512172422	1
Anxiety	Oligos	<i>RP4-809F18.1</i>	-0.005485851	0.031801742	0.512172422	1
Anxiety	Oligos	<i>RP11-575F12.2</i>	-0.007095124	0.037729675	0.512172422	1
Anxiety	Oligos	<i>MAB21L1</i>	-0.00674504	0.048597711	0.512172422	1
Anxiety	Oligos	<i>OXGR1</i>	-0.006330356	0.026886789	0.512172422	1
Anxiety	Oligos	<i>UBAC2</i>	-0.000291205	0.009698701	0.512172422	1
Anxiety	Oligos	<i>LINC00443</i>	-0.000984693	0.04989862	0.512172422	1
Anxiety	Oligos	<i>HAUS4</i>	-0.0055453	0.02619039	0.512172422	1
Anxiety	Oligos	<i>TRAPPC6B</i>	-0.000310155	0.036514728	0.512172422	1
Anxiety	Oligos	<i>L3HYPDH</i>	-0.000877746	0.034179904	0.512172422	1
Anxiety	Oligos	<i>ATP6V1D</i>	-0.000366561	0.046725696	0.512172422	1
Anxiety	Oligos	<i>ACOT4</i>	-0.005711818	0.041614186	0.512172422	1
Anxiety	Oligos	<i>RP11-1017G21.5</i>	-0.003119076	0.036756732	0.512172422	1
Anxiety	Oligos	<i>RP11-107F6.3</i>	-0.002187787	0.034216592	0.512172422	1
Anxiety	Oligos	<i>C15orf40</i>	-0.000717811	0.013892791	0.512172422	1
Anxiety	Oligos	<i>RP11-429B14.4</i>	-0.001551453	0.047293246	0.512172422	1
Anxiety	Oligos	<i>HAGH</i>	-0.000256067	0.032971687	0.512172422	1
Anxiety	Oligos	<i>CCDC64B</i>	-0.003165962	0.026301352	0.512172422	1
Anxiety	Oligos	<i>SULT1A2</i>	-0.001468092	0.03291589	0.512172422	1
Anxiety	Oligos	<i>CES1</i>	-0.00058042	0.027891942	0.512172422	1
Anxiety	Oligos	<i>ACSF3</i>	-0.000745721	0.031193637	0.512172422	1
Anxiety	Oligos	<i>C17orf97</i>	-0.001401402	0.008825585	0.512172422	1
Anxiety	Oligos	<i>KCNAB3</i>	-0.000509913	0.017009265	0.512172422	1
Anxiety	Oligos	<i>CNTROB</i>	-0.000538608	0.020489757	0.512172422	1
Anxiety	Oligos	<i>CCT6B</i>	-0.000545947	0.041634011	0.512172422	1
Anxiety	Oligos	<i>CTB-75G16.3</i>	-0.003082761	0.005213994	0.512172422	1
Anxiety	Oligos	<i>TBC1D3</i>	-0.010426192	0.013036889	0.512172422	1
Anxiety	Oligos	<i>COX11</i>	-0.000445498	0.025196921	0.512172422	1
Anxiety	Oligos	<i>DDX42</i>	-0.000288658	0.034195945	0.512172422	1
Anxiety	Oligos	<i>RP11-147L13.8</i>	-0.004588419	0.03288534	0.512172422	1
Anxiety	Oligos	<i>MXRA7</i>	-0.000671369	0.023492448	0.512172422	1
Anxiety	Oligos	<i>STRA13</i>	-0.000406914	0.047837625	0.512172422	1
Anxiety	Oligos	<i>ABHD12</i>	-0.00023376	0.038408391	0.512172422	1
Anxiety	Oligos	<i>AP1M1</i>	-0.000421713	0.011483247	0.512172422	1
Anxiety	Oligos	<i>ZNF730</i>	-0.000624692	0.031747002	0.512172422	1
Anxiety	Oligos	<i>UPK1A</i>	-0.002325822	0.013672206	0.512172422	1
Anxiety	Oligos	<i>ZNF283</i>	-0.00054128	0.04658503	0.512172422	1
Anxiety	Oligos	<i>PNKP</i>	-0.000593388	0.02923944	0.512172422	1
Anxiety	Oligos	<i>SYCE3</i>	-0.001815845	0.043763377	0.512172422	1
Anxiety	Oligos	<i>DYRK1A</i>	-0.000181104	0.018974306	0.512172422	1
Anxiety	OPCs	<i>SDF4</i>	-0.000272067	0.03698621	0.615865801	1
Anxiety	OPCs	<i>MUL1</i>	-0.000759793	0.025637635	0.615865801	1
Anxiety	OPCs	<i>NBPF3</i>	-0.000936141	0.022973788	0.615865801	1
Anxiety	OPCs	<i>KIF2C</i>	-0.001600618	0.028653434	0.615865801	1
Anxiety	OPCs	<i>LEPROT</i>	-0.000432146	0.019170616	0.615865801	1
Anxiety	OPCs	<i>Sep-15</i>	-0.000437974	0.005879066	0.615865801	1
Anxiety	OPCs	<i>CDC7</i>	-0.000755298	0.013466363	0.615865801	1

Anxiety	OPCs	<i>RPL9</i>	-0.000808475	0.049347509	0.615865801	1
Anxiety	OPCs	<i>YIPF7</i>	-0.001205934	0.042756369	0.615865801	1
Anxiety	OPCs	<i>AARS2</i>	-0.00199856	0.013694297	0.615865801	1
Anxiety	OPCs	<i>CYP39A1</i>	0.002139274	0.015113858	0.615865801	1
Anxiety	OPCs	<i>AK9</i>	-0.000356007	0.047507736	0.615865801	1
Anxiety	OPCs	<i>SAMD5</i>	-0.000504681	0.004739693	0.615865801	1
Anxiety	OPCs	<i>TFB1M</i>	-0.000537946	0.034097622	0.615865801	1
Anxiety	OPCs	<i>GGCT</i>	-0.00068486	0.049202412	0.615865801	1
Anxiety	OPCs	<i>ABCB4</i>	-0.0015277	0.03334655	0.615865801	1
Anxiety	OPCs	<i>PILRB</i>	-0.00035375	0.046065067	0.615865801	1
Anxiety	OPCs	<i>PILRA</i>	-0.00040997	0.047817491	0.615865801	1
Anxiety	OPCs	<i>METTL2B</i>	-0.000652915	0.020168178	0.615865801	1
Anxiety	OPCs	<i>RP11-274B21.9</i>	-0.001226603	0.011101957	0.615865801	1
Anxiety	OPCs	<i>TMEM176A</i>	-0.001298398	0.027141847	0.615865801	1
Anxiety	OPCs	<i>PLEKHA2</i>	-0.000336395	0.033532902	0.615865801	1
Anxiety	OPCs	<i>CTD-2339F6.1</i>	-0.003353241	0.039633612	0.615865801	1
Anxiety	OPCs	<i>PLEC</i>	-0.000188956	0.042399825	0.615865801	1
Anxiety	OPCs	<i>TYRP1</i>	-0.004980606	0.045187915	0.615865801	1
Anxiety	OPCs	<i>LURAPIL</i>	-0.000389324	0.043280869	0.615865801	1
Anxiety	OPCs	<i>SURF1</i>	-0.000908314	0.019386043	0.615865801	1
Anxiety	OPCs	<i>RP11-399H11.3</i>	-0.005216159	0.016039399	0.615865801	1
Anxiety	OPCs	<i>LCN8</i>	-0.00554963	0.024299263	0.615865801	1
Anxiety	OPCs	<i>ALKBH3</i>	0.000547153	0.028857877	0.615865801	1
Anxiety	OPCs	<i>TMEM258</i>	-0.00034551	0.048637833	0.615865801	1
Anxiety	OPCs	<i>CTD-3074O7.2</i>	-0.003004602	0.04415145	0.615865801	1
Anxiety	OPCs	<i>VCL</i>	-0.000311904	0.049669338	0.615865801	1
Anxiety	OPCs	<i>ZDHHC6</i>	-0.000697288	0.018538378	0.615865801	1
Anxiety	OPCs	<i>HSPA12A</i>	-0.000439237	0.016489438	0.615865801	1
Anxiety	OPCs	<i>SYCP3</i>	-0.000484117	0.01578113	0.615865801	1
Anxiety	OPCs	<i>ZNF891</i>	-0.000601135	0.027762676	0.615865801	1
Anxiety	OPCs	<i>TC2N</i>	-0.002199165	0.033985842	0.615865801	1
Anxiety	OPCs	<i>OCA2</i>	-0.001023688	0.033281746	0.615865801	1
Anxiety	OPCs	<i>GJD2</i>	-0.001056055	0.022933052	0.615865801	1
Anxiety	OPCs	<i>LACTB</i>	-0.00049594	0.034633914	0.615865801	1
Anxiety	OPCs	<i>COQ9</i>	-0.000276633	0.022187691	0.615865801	1
Anxiety	OPCs	<i>CCDC137</i>	-0.000964896	0.0143925	0.615865801	1
Anxiety	OPCs	<i>ZADH2</i>	-0.000348282	0.031202877	0.615865801	1
Anxiety	OPCs	<i>ICAM3</i>	0.001232151	0.029994461	0.615865801	1
Anxiety	OPCs	<i>ZNF626</i>	-0.000505499	0.04395732	0.615865801	1
Anxiety	OPCs	<i>PNKP</i>	-0.000636162	0.019406405	0.615865801	1
Anxiety	OPCs	<i>YPEL1</i>	0.000754217	0.022712112	0.615865801	1
Anxiety	OPCs	<i>PHF5A</i>	-0.001061268	0.041943381	0.615865801	1
Bipolar	Astros	<i>C1orf109</i>	-0.000651083	0.030267776	0.726611893	1
Bipolar	Astros	<i>ANKRD34A</i>	-0.000594991	0.035167409	0.726611893	1
Bipolar	Astros	<i>RP11-458D21.1</i>	-0.000352908	0.027922303	0.726611893	1
Bipolar	Astros	<i>NPAS2</i>	-0.000225522	0.035582558	0.726611893	1
Bipolar	Astros	<i>RPUSD3</i>	-0.000247554	0.026355671	0.726611893	1
Bipolar	Astros	<i>POMGNT2</i>	-0.000487321	0.043054453	0.726611893	1
Bipolar	Astros	<i>CCDC66</i>	-6.69E-05	0.03135773	0.726611893	1
Bipolar	Astros	<i>RP11-33B1.4</i>	-0.007487012	0.024247243	0.726611893	1
Bipolar	Astros	<i>AGA</i>	-0.000497399	0.033864817	0.726611893	1
Bipolar	Astros	<i>RP11-326I11.4</i>	-0.00052731	0.049383342	0.726611893	1
Bipolar	Astros	<i>ANKH</i>	-7.14E-05	0.04246291	0.726611893	1

Bipolar	Astros	<i>PLCXD3</i>	-0.000107151	0.033866814	0.726611893	1
Bipolar	Astros	<i>ALDH7A1</i>	-0.000166382	0.035520701	0.726611893	1
Bipolar	Astros	<i>TCOF1</i>	-0.000632358	0.017886564	0.726611893	1
Bipolar	Astros	<i>B4GALT7</i>	-0.000299595	0.032577848	0.726611893	1
Bipolar	Astros	<i>GABBR1</i>	-7.84E-05	0.044074847	0.726611893	1
Bipolar	Astros	<i>HCG27</i>	-0.000553536	0.003296999	0.726611893	1
Bipolar	Astros	<i>GUCA1A</i>	-0.001498038	0.049032692	0.726611893	1
Bipolar	Astros	<i>DDX43</i>	-0.000787293	0.039672903	0.726611893	1
Bipolar	Astros	<i>ZNF117</i>	-0.000278942	0.047132761	0.726611893	1
Bipolar	Astros	<i>ADCK2</i>	-0.000386341	0.035551393	0.726611893	1
Bipolar	Astros	<i>FZD6</i>	-0.000399934	0.020050409	0.726611893	1
Bipolar	Astros	<i>TBC1D31</i>	-0.000231305	0.046483111	0.726611893	1
Bipolar	Astros	<i>FAM83H</i>	-0.00041766	0.008804802	0.726611893	1
Bipolar	Astros	<i>FOXD4</i>	-0.001644225	0.036532312	0.726611893	1
Bipolar	Astros	<i>NAT10</i>	-0.000250658	0.044401914	0.726611893	1
Bipolar	Astros	<i>STARD10</i>	-0.000553046	0.030470824	0.726611893	1
Bipolar	Astros	<i>KDELC2</i>	-0.000683205	0.015509704	0.726611893	1
Bipolar	Astros	<i>FXYD2</i>	-0.000965623	0.02409003	0.726611893	1
Bipolar	Astros	<i>CSGALNACT2</i>	-0.000153026	0.007337557	0.726611893	1
Bipolar	Astros	<i>GDF10</i>	-0.000933839	0.046804207	0.726611893	1
Bipolar	Astros	<i>PRKG1</i>	-2.92E-05	0.047024679	0.726611893	1
Bipolar	Astros	<i>PLAC9</i>	-0.000499542	0.031459569	0.726611893	1
Bipolar	Astros	<i>PYROXD2</i>	-0.000321648	0.047682045	0.726611893	1
Bipolar	Astros	<i>HSD17B6</i>	-0.000258946	0.027615983	0.726611893	1
Bipolar	Astros	<i>METTL25</i>	-0.000200643	0.042579096	0.726611893	1
Bipolar	Astros	<i>RP4-809F18.1</i>	-0.002481168	0.040738882	0.726611893	1
Bipolar	Astros	<i>OXGR1</i>	-0.002877779	0.033529777	0.726611893	1
Bipolar	Astros	<i>TDRD9</i>	-0.000301791	0.023261404	0.726611893	1
Bipolar	Astros	<i>RPGRIP1L</i>	-0.000273853	0.043072308	0.726611893	1
Bipolar	Astros	<i>GAS8</i>	-0.000239365	0.025564667	0.726611893	1
Bipolar	Astros	<i>ATP2A3</i>	0.00189643	0.046427839	0.726611893	1
Bipolar	Astros	<i>SPAG7</i>	-0.000376776	0.04471774	0.726611893	1
Bipolar	Astros	<i>MIS12</i>	-0.000499029	0.021716198	0.726611893	1
Bipolar	Astros	<i>GOSR1</i>	-0.000124686	0.021822797	0.726611893	1
Bipolar	Astros	<i>CTB-75G16.3</i>	-0.001048746	0.045591195	0.726611893	1
Bipolar	Astros	<i>GZF1</i>	-0.000389432	0.040918272	0.726611893	1
Bipolar	Astros	<i>ZNF266</i>	-0.000216297	0.019195735	0.726611893	1
Bipolar	Astros	<i>AKAP8</i>	-0.000226299	0.013094267	0.726611893	1
Bipolar	Astros	<i>KLC3</i>	-0.001848769	0.003690053	0.726611893	1
Bipolar	Astros	<i>ZNF749</i>	-0.000224956	0.043931168	0.726611893	1
Bipolar	Astros	<i>IFT27</i>	-0.000125098	0.045586505	0.726611893	1
Bipolar	Astros	<i>LINC00205</i>	-0.000367426	0.011504154	0.726611893	1
Bipolar	Ex	<i>RP11-54O7.17</i>	-0.000563413	0.036835677	0.819287115	1
Bipolar	Ex	<i>CCDC163P</i>	-0.000600497	0.008532715	0.819287115	1
Bipolar	Ex	<i>CHIT1</i>	-0.000869621	0.043540171	0.819287115	1
Bipolar	Ex	<i>TGFB2</i>	-0.000115549	0.035038806	0.819287115	1
Bipolar	Ex	<i>AC079922.3</i>	-0.000481351	0.049179045	0.819287115	1
Bipolar	Ex	<i>GPR155</i>	-8.72E-05	0.046276684	0.819287115	1
Bipolar	Ex	<i>RAP2B</i>	-0.0005852	0.049745331	0.819287115	1
Bipolar	Ex	<i>DCUNID1</i>	-0.000164801	0.00333937	0.819287115	1
Bipolar	Ex	<i>SPEF2</i>	-0.000216947	0.049028648	0.819287115	1
Bipolar	Ex	<i>ALDH7A1</i>	-0.000163875	0.038334311	0.819287115	1
Bipolar	Ex	<i>RP11-524C21.2</i>	-0.002414844	0.01348963	0.819287115	1

Bipolar	Ex	<i>HLA-DMA</i>	-0.00053613	0.040289435	0.819287115	1
Bipolar	Ex	<i>BRD2</i>	-0.00026018	0.020408669	0.819287115	1
Bipolar	Ex	<i>ENPP5</i>	-0.000335514	0.022632535	0.819287115	1
Bipolar	Ex	<i>MBLAC1</i>	-0.000533788	0.04390554	0.819287115	1
Bipolar	Ex	<i>DPM2</i>	-0.000197631	0.041910122	0.819287115	1
Bipolar	Ex	<i>SARDH</i>	-0.000764566	0.03537257	0.819287115	1
Bipolar	Ex	<i>DNLZ</i>	-0.002323971	0.041507521	0.819287115	1
Bipolar	Ex	<i>LCNL1</i>	-0.00016273	0.042508425	0.819287115	1
Bipolar	Ex	<i>TMEM258</i>	0.000301625	0.000277715	0.757329272	0.757329272
Bipolar	Ex	<i>NARS2</i>	-0.000127793	0.027311996	0.819287115	1
Bipolar	Ex	<i>PLAC9</i>	-0.000493125	0.033699974	0.819287115	1
Bipolar	Ex	<i>LINC01166</i>	-0.000867448	0.0450358	0.819287115	1
Bipolar	Ex	<i>WSCD2</i>	-0.00027957	0.017778912	0.819287115	1
Bipolar	Ex	<i>CCDC64</i>	-0.000181851	0.026910604	0.819287115	1
Bipolar	Ex	<i>UFM1</i>	-0.00025482	0.043214071	0.819287115	1
Bipolar	Ex	<i>FOS</i>	-6.41E-05	0.046049007	0.819287115	1
Bipolar	Ex	<i>PWAR6</i>	-4.79E-05	0.034796384	0.819287115	1
Bipolar	Ex	<i>TIPIN</i>	-0.000430697	0.031061231	0.819287115	1
Bipolar	Ex	<i>ZWILCH</i>	-0.000668797	0.045851425	0.819287115	1
Bipolar	Ex	<i>CIB2</i>	-0.000868207	0.00683707	0.819287115	1
Bipolar	Ex	<i>SCIMP</i>	-0.000424973	0.025037642	0.819287115	1
Bipolar	Ex	<i>PRPSAP2</i>	-0.00017075	0.021589429	0.819287115	1
Bipolar	Ex	<i>C20orf203</i>	-0.00038557	0.021626982	0.819287115	1
Bipolar	Ex	<i>KB-208E9.1</i>	-0.001783797	0.035721136	0.819287115	1
Bipolar	Ex	<i>FAM227A</i>	-0.000470136	0.027556419	0.819287115	1
Bipolar	Ex	<i>BRWD1</i>	-7.56E-05	0.009148862	0.819287115	1
Bipolar	Inhib	<i>RP11-431K24.1</i>	-0.000622308	0.036668415	0.771744268	1
Bipolar	Inhib	<i>DOCK7</i>	-6.77E-05	0.02723304	0.771744268	1
Bipolar	Inhib	<i>GSTM2</i>	-0.000312264	0.013536678	0.771744268	1
Bipolar	Inhib	<i>RP11-458D21.1</i>	-0.00037214	0.020666191	0.771744268	1
Bipolar	Inhib	<i>RRP15</i>	-0.000206905	0.023575143	0.771744268	1
Bipolar	Inhib	<i>TGFB2</i>	-0.00011694	0.03304714	0.771744268	1
Bipolar	Inhib	<i>NTPCR</i>	-0.000154898	0.048349719	0.771744268	1
Bipolar	Inhib	<i>AHCTF1</i>	-0.000163584	0.016500112	0.771744268	1
Bipolar	Inhib	<i>GREB1</i>	-0.000161207	0.017782993	0.771744268	1
Bipolar	Inhib	<i>LPIN1</i>	-8.87E-05	0.043237191	0.771744268	1
Bipolar	Inhib	<i>ING5</i>	-0.00013415	0.030399172	0.771744268	1
Bipolar	Inhib	<i>GUCA1C</i>	-0.001490588	0.034463968	0.771744268	1
Bipolar	Inhib	<i>CEP70</i>	-0.00012452	0.027564611	0.771744268	1
Bipolar	Inhib	<i>MUC20</i>	-0.001780923	0.021733562	0.771744268	1
Bipolar	Inhib	<i>PI4K2B</i>	-0.000375147	0.03067573	0.771744268	1
Bipolar	Inhib	<i>GABRB1</i>	-2.36E-05	0.046744294	0.771744268	1
Bipolar	Inhib	<i>FAM47E-STBD1</i>	-0.000535894	0.048335419	0.771744268	1
Bipolar	Inhib	<i>KLKB1</i>	-0.000251385	0.049972918	0.771744268	1
Bipolar	Inhib	<i>CTD-2245E15.3</i>	-0.001928332	0.021001477	0.771744268	1
Bipolar	Inhib	<i>MEI4</i>	-0.000416921	0.016415242	0.771744268	1
Bipolar	Inhib	<i>REPS1</i>	-0.000101204	0.041361045	0.771744268	1
Bipolar	Inhib	<i>RP11-302L19.3</i>	-0.000225128	0.021339233	0.771744268	1
Bipolar	Inhib	<i>GBAS</i>	-0.000266992	0.001168107	0.771744268	1
Bipolar	Inhib	<i>ZP3</i>	-0.000416907	0.028320496	0.771744268	1
Bipolar	Inhib	<i>CDHR3</i>	-0.000119604	0.028239703	0.771744268	1
Bipolar	Inhib	<i>TMEM229A</i>	-0.000319559	0.030986808	0.771744268	1
Bipolar	Inhib	<i>SMARCD3</i>	-0.000320817	0.031513782	0.771744268	1

Bipolar	Inhib	<i>RGS22</i>	-0.000627315	0.021691207	0.771744268	1
Bipolar	Inhib	<i>PLEC</i>	-9.73E-05	0.027591703	0.771744268	1
Bipolar	Inhib	<i>NTRK2</i>	-2.51E-05	0.032772141	0.771744268	1
Bipolar	Inhib	<i>C9orf50</i>	-0.002324982	0.016609433	0.771744268	1
Bipolar	Inhib	<i>AK8</i>	-0.00050168	0.038863449	0.771744268	1
Bipolar	Inhib	<i>SARDH</i>	-0.000754387	0.037868813	0.771744268	1
Bipolar	Inhib	<i>MRVII</i>	-0.000388083	0.024747177	0.771744268	1
Bipolar	Inhib	<i>P4HA3</i>	-0.000168276	0.042601545	0.771744268	1
Bipolar	Inhib	<i>XRRAI</i>	-0.000114807	0.01877984	0.771744268	1
Bipolar	Inhib	<i>COLCA2</i>	-0.000411876	0.037047459	0.771744268	1
Bipolar	Inhib	<i>PRKG1</i>	-3.16E-05	0.031402907	0.771744268	1
Bipolar	Inhib	<i>WNT10B</i>	-0.000460495	0.04837657	0.771744268	1
Bipolar	Inhib	<i>CHPT1</i>	-7.34E-05	0.045992614	0.771744268	1
Bipolar	Inhib	<i>PWP1</i>	-0.000214628	0.04867713	0.771744268	1
Bipolar	Inhib	<i>SOHLH2</i>	-0.001538462	0.024707115	0.771744268	1
Bipolar	Inhib	<i>PPP4R4</i>	-0.00017515	0.028645644	0.771744268	1
Bipolar	Inhib	<i>TIPIN</i>	-0.000399731	0.045148008	0.771744268	1
Bipolar	Inhib	<i>ZWILCH</i>	-0.000699976	0.036536736	0.771744268	1
Bipolar	Inhib	<i>MPI</i>	-0.000430121	0.014574284	0.771744268	1
Bipolar	Inhib	<i>HBQ1</i>	-0.00086751	0.0234716	0.771744268	1
Bipolar	Inhib	<i>MSRB1</i>	-0.000285584	0.043861764	0.771744268	1
Bipolar	Inhib	<i>MLKL</i>	-0.000512044	0.044210995	0.771744268	1
Bipolar	Inhib	<i>SAT2</i>	-9.44E-05	0.031633465	0.771744268	1
Bipolar	Inhib	<i>FBF1</i>	-0.001035977	0.019098151	0.771744268	1
Bipolar	Inhib	<i>POLI</i>	-0.000205207	0.018667196	0.771744268	1
Bipolar	Inhib	<i>LINC00658</i>	-0.000592745	0.040371006	0.771744268	1
Bipolar	Inhib	<i>C20orf203</i>	-0.000344604	0.039559145	0.771744268	1
Bipolar	Inhib	<i>PLK5</i>	-0.000340013	0.014213229	0.771744268	1
Bipolar	Inhib	<i>OR10H5</i>	-0.000343614	0.042140324	0.771744268	1
Bipolar	Inhib	<i>PHLDB3</i>	-0.000446974	0.028358234	0.771744268	1
Bipolar	Inhib	<i>ZNF211</i>	-0.000398602	0.020487203	0.771744268	1
Bipolar	Inhib	<i>AC006946.16</i>	-0.000719258	0.036223391	0.771744268	1
Bipolar	Inhib	<i>APOBEC3G</i>	-0.000381445	0.021812143	0.771744268	1
Bipolar	Inhib	<i>POLR3H</i>	-0.000331941	0.047310547	0.771744268	1
Bipolar	Inhib	<i>MEI1</i>	-0.000358478	0.041793501	0.771744268	1
Bipolar	Inhib	<i>CENPM</i>	-0.00120957	0.038400695	0.771744268	1
Bipolar	Inhib	<i>AP001172.2</i>	-0.000258682	0.03685139	0.771744268	1
Bipolar	Micro_Macrc	<i>FAM87B</i>	-0.000311739	0.038185176	0.820452911	1
Bipolar	Micro_Macrc	<i>RP11-54O7.18</i>	-0.000155054	0.047990997	0.820452911	1
Bipolar	Micro_Macrc	<i>FAM159A</i>	-0.000359057	0.019966528	0.820452911	1
Bipolar	Micro_Macrc	<i>LINC01138</i>	-9.25E-05	0.047815823	0.820452911	1
Bipolar	Micro_Macrc	<i>LPIN1</i>	-9.40E-05	0.03190511	0.820452911	1
Bipolar	Micro_Macrc	<i>TANK</i>	-0.000153376	0.040019603	0.820452911	1
Bipolar	Micro_Macrc	<i>SLC39A10</i>	-8.75E-05	0.020086372	0.820452911	1
Bipolar	Micro_Macrc	<i>MDH1B</i>	-0.000550403	0.049120637	0.820452911	1
Bipolar	Micro_Macrc	<i>RAB43</i>	-0.000697641	0.037276844	0.820452911	1
Bipolar	Micro_Macrc	<i>IGSF10</i>	-0.000174963	0.04304056	0.820452911	1
Bipolar	Micro_Macrc	<i>RAP2B</i>	-0.00059285	0.047498738	0.820452911	1
Bipolar	Micro_Macrc	<i>COPS4</i>	-0.000223322	0.047592801	0.820452911	1
Bipolar	Micro_Macrc	<i>GARI</i>	-0.000419895	0.018964637	0.820452911	1
Bipolar	Micro_Macrc	<i>LRIT3</i>	-0.000691306	0.048183068	0.820452911	1
Bipolar	Micro_Macrc	<i>SPEF2</i>	-0.000227956	0.03829222	0.820452911	1
Bipolar	Micro_Macrc	<i>SERF1A</i>	-0.002550523	0.027690108	0.820452911	1

Bipolar	Micro_Macrc	<i>ALDH7A1</i>	-0.000171314	0.030172696	0.820452911	1
Bipolar	Micro_Macrc	<i>ZMAT2</i>	-0.000151013	0.045563941	0.820452911	1
Bipolar	Micro_Macrc	<i>FGFR4</i>	-0.000748723	0.021847792	0.820452911	1
Bipolar	Micro_Macrc	<i>BTN2A2</i>	-0.000867837	0.012224323	0.820452911	1
Bipolar	Micro_Macrc	<i>MEI4</i>	0.000382952	0.026938035	0.820452911	1
Bipolar	Micro_Macrc	<i>NDUF4F4</i>	-0.000451376	0.029706365	0.820452911	1
Bipolar	Micro_Macrc	<i>CTGF</i>	-0.000345873	0.037369404	0.820452911	1
Bipolar	Micro_Macrc	<i>ERV3-1</i>	-0.002809296	0.048412388	0.820452911	1
Bipolar	Micro_Macrc	<i>SMARCD3</i>	-0.000340071	0.022636882	0.820452911	1
Bipolar	Micro_Macrc	<i>FAM167A</i>	-0.000310484	0.031042954	0.820452911	1
Bipolar	Micro_Macrc	<i>AC083843.1</i>	-0.000540174	0.03486332	0.820452911	1
Bipolar	Micro_Macrc	<i>DNLZ</i>	-0.002824356	0.012227337	0.820452911	1
Bipolar	Micro_Macrc	<i>ABCC8</i>	-0.000290192	0.010020646	0.820452911	1
Bipolar	Micro_Macrc	<i>APIP</i>	-0.000245699	0.040612167	0.820452911	1
Bipolar	Micro_Macrc	<i>AP000769.1</i>	-0.000145952	0.042169917	0.820452911	1
Bipolar	Micro_Macrc	<i>CHPT1</i>	-8.40E-05	0.022233907	0.820452911	1
Bipolar	Micro_Macrc	<i>ACOT6</i>	-0.001179969	0.015800003	0.820452911	1
Bipolar	Micro_Macrc	<i>C15orf40</i>	-0.000272433	0.048753004	0.820452911	1
Bipolar	Micro_Macrc	<i>TELO2</i>	-0.000162074	0.046314434	0.820452911	1
Bipolar	Micro_Macrc	<i>ATP2A3</i>	-0.001922652	0.044676219	0.820452911	1
Bipolar	Micro_Macrc	<i>PFA5</i>	-0.000653608	0.015686957	0.820452911	1
Bipolar	Micro_Macrc	<i>FKBP10</i>	-0.000237196	0.025042671	0.820452911	1
Bipolar	Micro_Macrc	<i>CABYR</i>	-0.000375288	0.017720773	0.820452911	1
Bipolar	Micro_Macrc	<i>PLK5</i>	-0.000313997	0.023296292	0.820452911	1
Bipolar	Micro_Macrc	<i>MRPL34</i>	-0.000200702	0.046486724	0.820452911	1
Bipolar	Micro_Macrc	<i>TST</i>	-0.000291338	0.044529114	0.820452911	1
Bipolar	Micro_Macrc	<i>ZC3H7B</i>	-0.000139717	0.049965722	0.820452911	1
Bipolar	Oligos	<i>DFFB</i>	-0.0004643	0.035649723	0.668682829	1
Bipolar	Oligos	<i>PNRC2</i>	-0.000371834	0.042275334	0.668682829	1
Bipolar	Oligos	<i>INPP5B</i>	-0.000194836	0.031021386	0.668682829	1
Bipolar	Oligos	<i>CCDC163P</i>	-0.000501009	0.027685683	0.668682829	1
Bipolar	Oligos	<i>DOCK7</i>	-6.27E-05	0.041151212	0.668682829	1
Bipolar	Oligos	<i>ITGB3BP</i>	-0.000178932	0.049372603	0.668682829	1
Bipolar	Oligos	<i>CNN3</i>	-0.000132706	0.032497103	0.668682829	1
Bipolar	Oligos	<i>GSTM3</i>	-0.000262292	0.035194447	0.668682829	1
Bipolar	Oligos	<i>ANKRD34A</i>	-0.000581685	0.039687976	0.668682829	1
Bipolar	Oligos	<i>RP11-458D21.1</i>	-0.000333351	0.038043148	0.668682829	1
Bipolar	Oligos	<i>FLG</i>	-0.004277736	0.036783673	0.668682829	1
Bipolar	Oligos	<i>LCE5A</i>	-0.004205362	0.022013424	0.668682829	1
Bipolar	Oligos	<i>COA6</i>	-0.000261789	0.045341418	0.668682829	1
Bipolar	Oligos	<i>ZNF669</i>	-0.000402557	0.012842806	0.668682829	1
Bipolar	Oligos	<i>FAM228A</i>	-0.003000473	0.003507519	0.668682829	1
Bipolar	Oligos	<i>ADCY3</i>	-0.000155614	0.028947557	0.668682829	1
Bipolar	Oligos	<i>DRC1</i>	-0.001115019	0.011134004	0.668682829	1
Bipolar	Oligos	<i>IMMT</i>	-0.000116653	0.036345487	0.668682829	1
Bipolar	Oligos	<i>IL18R1</i>	-0.000499911	0.045561592	0.668682829	1
Bipolar	Oligos	<i>HES6</i>	-0.000116606	0.012985133	0.668682829	1
Bipolar	Oligos	<i>RAF1</i>	0.000262236	0.038471452	0.668682829	1
Bipolar	Oligos	<i>DCUNID1</i>	-0.000144547	0.010174844	0.668682829	1
Bipolar	Oligos	<i>PIGX</i>	-0.000306204	0.025868425	0.668682829	1
Bipolar	Oligos	<i>PIGZ</i>	-0.000271065	0.016911355	0.668682829	1
Bipolar	Oligos	<i>YIPF7</i>	-0.000608039	0.03119325	0.668682829	1
Bipolar	Oligos	<i>SLAIN2</i>	-0.000188178	0.027279965	0.668682829	1

Bipolar	Oligos	<i>ADCY2</i>	-6.33E-05	0.020689274	0.668682829	1
Bipolar	Oligos	<i>RP11-454P21.1</i>	-0.000366274	0.012304067	0.668682829	1
Bipolar	Oligos	<i>NSA2</i>	-0.000305341	0.00715599	0.668682829	1
Bipolar	Oligos	<i>ZMAT2</i>	-0.00016579	0.028157529	0.668682829	1
Bipolar	Oligos	<i>ZKSCAN4</i>	-0.000938988	0.016813813	0.668682829	1
Bipolar	Oligos	<i>ZSCAN31</i>	-0.000382999	0.029709666	0.668682829	1
Bipolar	Oligos	<i>DFNA5</i>	-0.000208113	0.047483576	0.668682829	1
Bipolar	Oligos	<i>DPY19L1</i>	-0.000184591	0.02998584	0.668682829	1
Bipolar	Oligos	<i>GTPBP10</i>	-0.000326219	0.039721566	0.668682829	1
Bipolar	Oligos	<i>PAXIP1-AS2</i>	-0.000557539	0.029756733	0.668682829	1
Bipolar	Oligos	<i>RHPN1</i>	-0.000170748	0.027102059	0.668682829	1
Bipolar	Oligos	<i>GVQW1</i>	-0.001053932	0.046495379	0.668682829	1
Bipolar	Oligos	<i>NUDT2</i>	-0.00021627	0.037113897	0.668682829	1
Bipolar	Oligos	<i>SNX32</i>	-0.000181587	0.038258622	0.668682829	1
Bipolar	Oligos	<i>FIBP</i>	-0.000303035	0.045203273	0.668682829	1
Bipolar	Oligos	<i>KDELC2</i>	-0.000582685	0.038338514	0.668682829	1
Bipolar	Oligos	<i>PITRM1</i>	-0.000201686	0.042240668	0.668682829	1
Bipolar	Oligos	<i>LOXL4</i>	-0.000625355	0.030954848	0.668682829	1
Bipolar	Oligos	<i>AKAP3</i>	-0.001002296	0.0055028	0.668682829	1
Bipolar	Oligos	<i>KRT81</i>	-0.002923908	0.047913384	0.668682829	1
Bipolar	Oligos	<i>TSFM</i>	-0.000349827	0.043025541	0.668682829	1
Bipolar	Oligos	<i>RP11-13A1.1</i>	-0.005236505	0.030095644	0.668682829	1
Bipolar	Oligos	<i>RP13-977J11.2</i>	-0.001013799	0.025100735	0.668682829	1
Bipolar	Oligos	<i>FOS</i>	-6.35E-05	0.048348215	0.668682829	1
Bipolar	Oligos	<i>C15orf57</i>	-0.000366742	0.020199325	0.668682829	1
Bipolar	Oligos	<i>NDUFAF1</i>	-0.000300028	0.048987461	0.668682829	1
Bipolar	Oligos	<i>RP11-297M9.1</i>	-0.001696534	0.045488872	0.668682829	1
Bipolar	Oligos	<i>CES1</i>	-0.000261171	0.037258297	0.668682829	1
Bipolar	Oligos	<i>CHRNA1</i>	-0.000450061	0.04257323	0.668682829	1
Bipolar	Oligos	<i>PEMT</i>	0.00041805	0.014242049	0.668682829	1
Bipolar	Oligos	<i>TOMIL2</i>	-9.54E-05	0.045256459	0.668682829	1
Bipolar	Oligos	<i>EME1</i>	-0.00110137	0.008750357	0.668682829	1
Bipolar	Oligos	<i>LRRC45</i>	-0.000383825	0.028625891	0.668682829	1
Bipolar	Oligos	<i>HEXDC</i>	-0.000352482	0.033871806	0.668682829	1
Bipolar	Oligos	<i>METTL4</i>	-0.000482964	0.026371296	0.668682829	1
Bipolar	Oligos	<i>CEP192</i>	-0.000101466	0.038173415	0.668682829	1
Bipolar	Oligos	<i>MAP1LC3A</i>	-8.60E-05	0.019814007	0.668682829	1
Bipolar	Oligos	<i>MROH8</i>	-0.000171667	0.043363227	0.668682829	1
Bipolar	Oligos	<i>OR7D2</i>	-0.001492657	0.041324986	0.668682829	1
Bipolar	Oligos	<i>ZNF98</i>	-4.76E-05	0.046102265	0.668682829	1
Bipolar	Oligos	<i>AC025811.3</i>	-0.000294763	0.03390106	0.668682829	1
Bipolar	Oligos	<i>SLC7A10</i>	-0.000136941	0.041131086	0.668682829	1
Bipolar	Oligos	<i>PAK4</i>	-0.000287723	0.036425424	0.668682829	1
Bipolar	Oligos	<i>PRKD2</i>	-0.000519552	0.028808387	0.668682829	1
Bipolar	Oligos	<i>ZNF880</i>	-0.000448497	0.049207284	0.668682829	1
Bipolar	Oligos	<i>ZNF749</i>	-0.000219309	0.048967972	0.668682829	1
Bipolar	Oligos	<i>GSTT2B</i>	-0.000384593	0.034656851	0.668682829	1
Bipolar	Oligos	<i>KIAA1671</i>	-0.000189133	0.038516954	0.668682829	1
Bipolar	Oligos	<i>NIPSNAP1</i>	-0.000223118	0.039753057	0.668682829	1
Bipolar	Oligos	<i>IFT27</i>	-0.000138053	0.027712205	0.668682829	1
Bipolar	Oligos	<i>SULT4A1</i>	-0.000100817	0.040520234	0.668682829	1
Bipolar	Oligos	<i>CYYR1</i>	-0.000718046	0.035230002	0.668682829	1
Bipolar	Oligos	<i>COL6A2</i>	-0.000413232	0.048717862	0.668682829	1

Bipolar	OPCs	<i>AGMAT</i>	-0.000914901	0.026573474	0.648411264	1
Bipolar	OPCs	<i>ITGB3BP</i>	-0.000201023	0.027179994	0.648411264	1
Bipolar	OPCs	<i>CNN3</i>	-0.00012808	0.039095934	0.648411264	1
Bipolar	OPCs	<i>GSTM5</i>	-0.000282169	0.027096554	0.648411264	1
Bipolar	OPCs	<i>TRIM45</i>	-0.000547125	0.045441804	0.648411264	1
Bipolar	OPCs	<i>FLG</i>	-0.004071052	0.046736954	0.648411264	1
Bipolar	OPCs	<i>ATF6</i>	-8.78E-05	0.039005105	0.648411264	1
Bipolar	OPCs	<i>FMO3</i>	-0.002141071	0.04386224	0.648411264	1
Bipolar	OPCs	<i>TGFB2</i>	-0.000124463	0.023090714	0.648411264	1
Bipolar	OPCs	<i>H3F3A</i>	-0.000226691	0.022786375	0.648411264	1
Bipolar	OPCs	<i>WDR64</i>	-0.000397875	0.032960503	0.648411264	1
Bipolar	OPCs	<i>TSSC1</i>	-0.000152941	0.043877008	0.648411264	1
Bipolar	OPCs	<i>COLEC11</i>	-0.000916159	0.046341658	0.648411264	1
Bipolar	OPCs	<i>GEN1</i>	-0.00059281	0.008081536	0.648411264	1
Bipolar	OPCs	<i>DRC1</i>	-0.001223244	0.005240386	0.648411264	1
Bipolar	OPCs	<i>STON1</i>	-0.005669333	0.007179976	0.648411264	1
Bipolar	OPCs	<i>EFEMP1</i>	-0.000201656	0.028848961	0.648411264	1
Bipolar	OPCs	<i>LINC00152</i>	-0.000442539	0.034383708	0.648411264	1
Bipolar	OPCs	<i>PDCL3</i>	-0.000583573	0.041154999	0.648411264	1
Bipolar	OPCs	<i>MBD5</i>	-8.40E-05	0.040502748	0.648411264	1
Bipolar	OPCs	<i>FASTKD1</i>	-0.000178553	0.026125294	0.648411264	1
Bipolar	OPCs	<i>HES6</i>	-0.000106787	0.023064488	0.648411264	1
Bipolar	OPCs	<i>RBM6</i>	-6.67E-05	0.038082553	0.648411264	1
Bipolar	OPCs	<i>PCOLCE2</i>	-0.00023124	0.022464763	0.648411264	1
Bipolar	OPCs	<i>IGSF10</i>	-0.00018362	0.033785812	0.648411264	1
Bipolar	OPCs	<i>PTX3</i>	-0.001829209	0.040533267	0.648411264	1
Bipolar	OPCs	<i>RP11-368I23.2</i>	-0.000588526	0.018387657	0.648411264	1
Bipolar	OPCs	<i>TTC14</i>	-0.000100043	0.033301605	0.648411264	1
Bipolar	OPCs	<i>GABRB1</i>	-2.35E-05	0.04745204	0.648411264	1
Bipolar	OPCs	<i>CNGA1</i>	-0.000869135	0.026849934	0.648411264	1
Bipolar	OPCs	<i>PRDM8</i>	-0.000377965	0.008337745	0.648411264	1
Bipolar	OPCs	<i>ADCY2</i>	-5.36E-05	0.049981227	0.648411264	1
Bipolar	OPCs	<i>SPEF2</i>	-0.000275672	0.012285961	0.648411264	1
Bipolar	OPCs	<i>SERF1A</i>	-0.002473332	0.033126184	0.648411264	1
Bipolar	OPCs	<i>ATP6AP1L</i>	-0.000230828	0.004053892	0.648411264	1
Bipolar	OPCs	<i>ALDH7A1</i>	-0.000169188	0.03256895	0.648411264	1
Bipolar	OPCs	<i>FBXW11</i>	-0.000180332	0.014171735	0.648411264	1
Bipolar	OPCs	<i>RP11-826N14.4</i>	-0.002047513	0.03694278	0.648411264	1
Bipolar	OPCs	<i>CTA-14H9.5</i>	-0.001191603	0.038210461	0.648411264	1
Bipolar	OPCs	<i>GABBR1</i>	-8.35E-05	0.03191222	0.648411264	1
Bipolar	OPCs	<i>HCG27</i>	-0.000438656	0.019998152	0.648411264	1
Bipolar	OPCs	<i>QRSL1</i>	-0.000174686	0.041757546	0.648411264	1
Bipolar	OPCs	<i>ROSI</i>	-0.001500678	0.015951703	0.648411264	1
Bipolar	OPCs	<i>RP3-470B24.5</i>	-0.001708005	0.014487247	0.648411264	1
Bipolar	OPCs	<i>KIF25-AS1</i>	-0.007864799	0.002312918	0.648411264	1
Bipolar	OPCs	<i>DPY19L1</i>	-0.00017619	0.038775988	0.648411264	1
Bipolar	OPCs	<i>GBAS</i>	-0.000199558	0.014528515	0.648411264	1
Bipolar	OPCs	<i>WNT16</i>	-0.000745661	0.03027786	0.648411264	1
Bipolar	OPCs	<i>TBC1D31</i>	-0.000308973	0.007777618	0.648411264	1
Bipolar	OPCs	<i>GNG10</i>	-0.001078154	0.006442547	0.648411264	1
Bipolar	OPCs	<i>ADAMTS13</i>	-0.000340139	0.0368465	0.648411264	1
Bipolar	OPCs	<i>SARDH</i>	-0.00071169	0.049870533	0.648411264	1
Bipolar	OPCs	<i>RINI</i>	-0.000498458	0.045917764	0.648411264	1

Bipolar	OPCs	<i>MED17</i>	-0.000306571	0.010063354	0.648411264	1
Bipolar	OPCs	<i>KDELC2</i>	-0.000560857	0.047182241	0.648411264	1
Bipolar	OPCs	<i>CDON</i>	-0.000269373	0.015936981	0.648411264	1
Bipolar	OPCs	<i>PRKG1</i>	-3.74E-05	0.010949339	0.648411264	1
Bipolar	OPCs	<i>TSPAN15</i>	-0.000193513	0.015973255	0.648411264	1
Bipolar	OPCs	<i>FAS</i>	-0.000611717	0.018314451	0.648411264	1
Bipolar	OPCs	<i>LOXL4</i>	-0.000570084	0.049716631	0.648411264	1
Bipolar	OPCs	<i>DENND5B</i>	-8.91E-05	0.047311583	0.648411264	1
Bipolar	OPCs	<i>GLIPR1L2</i>	-0.000273996	0.04674759	0.648411264	1
Bipolar	OPCs	<i>METTL25</i>	-0.000220974	0.02555765	0.648411264	1
Bipolar	OPCs	<i>CHPT1</i>	-7.25E-05	0.048884671	0.648411264	1
Bipolar	OPCs	<i>CBLN3</i>	-0.002399632	0.040088359	0.648411264	1
Bipolar	OPCs	<i>PWAR6</i>	-4.68E-05	0.039524912	0.648411264	1
Bipolar	OPCs	<i>CHRNA5</i>	-0.000444057	0.039589218	0.648411264	1
Bipolar	OPCs	<i>SLC9A3R2</i>	-0.000324496	0.041046735	0.648411264	1
Bipolar	OPCs	<i>ALOX12</i>	-0.000969153	0.039603101	0.648411264	1
Bipolar	OPCs	<i>PFAS</i>	-0.000545087	0.043598416	0.648411264	1
Bipolar	OPCs	<i>TMEM220</i>	-0.000229707	0.012892558	0.648411264	1
Bipolar	OPCs	<i>RP11-388C12.1</i>	-0.001904601	0.004879989	0.648411264	1
Bipolar	OPCs	<i>TMEM241</i>	-0.0001374	0.01799333	0.648411264	1
Bipolar	OPCs	<i>RP4-564F22.5</i>	-0.001745889	0.009600268	0.648411264	1
Bipolar	OPCs	<i>STAU1</i>	-0.000181119	0.015937108	0.648411264	1
Bipolar	OPCs	<i>UCKL1</i>	-0.000189882	0.00469444	0.648411264	1
Bipolar	OPCs	<i>NWD1</i>	-0.000186943	0.048007208	0.648411264	1
Bipolar	OPCs	<i>RHPN2</i>	-0.000195389	0.021720652	0.648411264	1
Bipolar	OPCs	<i>ZNF568</i>	-0.00035507	0.007175241	0.648411264	1
Bipolar	OPCs	<i>ZNF749</i>	-0.000243157	0.029212778	0.648411264	1
Bipolar	OPCs	<i>AP000345.4</i>	-0.000370789	0.022427251	0.648411264	1
Bipolar	OPCs	<i>SLC5A4</i>	-0.001009594	0.029986576	0.648411264	1
Bipolar	OPCs	<i>SCUBE1</i>	-0.001052849	0.049473814	0.648411264	1
Bipolar	OPCs	<i>RSPH1</i>	-0.000617078	0.039722465	0.648411264	1
Depression	Astros	<i>FAM87B</i>	0.001217599	0.046604848	0.998445802	1
Depression	Astros	<i>CALML6</i>	-0.008834744	0.008376546	0.998445802	1
Depression	Astros	<i>GJB5</i>	0.014113516	0.041988947	0.998445802	1
Depression	Astros	<i>ADCY10</i>	-0.00157184	0.018390601	0.998445802	1
Depression	Astros	<i>NID1</i>	0.001080181	0.036913704	0.998445802	1
Depression	Astros	<i>GEN1</i>	0.001869245	0.040046201	0.998445802	1
Depression	Astros	<i>PLB1</i>	-0.003512356	0.017106996	0.998445802	1
Depression	Astros	<i>AC007405.6</i>	0.002548601	0.03594158	0.998445802	1
Depression	Astros	<i>RPUSD3</i>	-0.000962468	0.033473632	0.998445802	1
Depression	Astros	<i>ALS2CL</i>	-0.002151332	0.046478901	0.998445802	1
Depression	Astros	<i>IBSP</i>	-0.007954747	0.032420026	0.998445802	1
Depression	Astros	<i>TPPP</i>	-0.000291178	0.042587422	0.998445802	1
Depression	Astros	<i>CAMLG</i>	-0.000768922	0.04090142	0.998445802	1
Depression	Astros	<i>HCG20</i>	-0.002655937	0.02156721	0.998445802	1
Depression	Astros	<i>RPS20</i>	-0.000851938	0.000329636	0.898918567	0.898918567
Depression	Astros	<i>ZBTB10</i>	-0.001416372	0.040117799	0.998445802	1
Depression	Astros	<i>MAN1B1</i>	-0.000852074	0.028255325	0.998445802	1
Depression	Astros	<i>CTD-3074O7.2</i>	-0.005935248	0.039362468	0.998445802	1
Depression	Astros	<i>PBLD</i>	0.001589548	0.023504412	0.998445802	1
Depression	Astros	<i>ADD3</i>	0.000182509	0.035066805	0.998445802	1
Depression	Astros	<i>DCUNID2</i>	-0.001568965	0.008270107	0.998445802	1
Depression	Astros	<i>RP11-665C16.6</i>	-0.012505214	0.022199672	0.998445802	1

Depression	Astros	<i>DISP2</i>	-0.000781328	0.043793885	0.998445802	1
Depression	Astros	<i>SNRPA1</i>	0.000801885	0.017354086	0.998445802	1
Depression	Astros	<i>MIS12</i>	-0.001951708	0.027062567	0.998445802	1
Depression	Astros	<i>TMEM132E</i>	-0.002324442	0.027650629	0.998445802	1
Depression	Ex	<i>TNFRSF18</i>	0.002498326	0.043127772	0.999939794	1
Depression	Ex	<i>FAM159A</i>	0.001277174	0.032656974	0.999939794	1
Depression	Ex	<i>AC079922.3</i>	-0.002372778	0.016950701	0.999939794	1
Depression	Ex	<i>SLC40A1</i>	0.001841761	0.024549128	0.999939794	1
Depression	Ex	<i>CTC-367J11.1</i>	-0.002317452	0.017073829	0.999939794	1
Depression	Ex	<i>FAM8A1</i>	-0.001086983	0.029040424	0.999939794	1
Depression	Ex	<i>MCM3</i>	-0.002529739	0.002559897	0.999939794	1
Depression	Ex	<i>COL28A1</i>	-0.000866124	0.018396326	0.999939794	1
Depression	Ex	<i>CPSF4</i>	-0.00152321	0.007729742	0.999939794	1
Depression	Ex	<i>GPC2</i>	-0.002775855	0.030432005	0.999939794	1
Depression	Ex	<i>NARS2</i>	-0.000551491	0.019004313	0.999939794	1
Depression	Ex	<i>C10orf82</i>	-0.00480623	0.048894632	0.999939794	1
Depression	Ex	<i>LINC01168</i>	-0.009833055	0.014909939	0.999939794	1
Depression	Ex	<i>LTBR</i>	-0.000792091	0.018740655	0.999939794	1
Depression	Ex	<i>RP11-493L12.4</i>	-0.002787109	0.021760452	0.999939794	1
Depression	Ex	<i>FOS</i>	0.000356314	0.006350694	0.999939794	1
Depression	Ex	<i>CTD-2184D3.6</i>	-0.004373397	0.004414514	0.999939794	1
Depression	Ex	<i>COQ9</i>	0.000459339	0.049734321	0.999939794	1
Depression	Ex	<i>ATP2C2</i>	0.0007945	0.002818556	0.999939794	1
Depression	Ex	<i>RP11-861E21.1</i>	-0.01529959	0.034447484	0.999939794	1
Depression	Ex	<i>VSX1</i>	0.002186146	0.038735537	0.999939794	1
Depression	Ex	<i>RGL3</i>	0.000937045	0.034596353	0.999939794	1
Depression	Ex	<i>CTC-548K16.1</i>	-0.010461201	0.046218555	0.999939794	1
Depression	Ex	<i>CYP4F2</i>	-0.019195709	0.006529025	0.999939794	1
Depression	Ex	<i>CLTCL1</i>	-0.001700374	0.008109853	0.999939794	1
Depression	Ex	<i>RIBC2</i>	0.003086827	0.032394016	0.999939794	1
Depression	Inhib	<i>RPS8</i>	-0.000814968	0.034514219	0.99921057	1
Depression	Inhib	<i>HENMT1</i>	-0.001735242	0.029346853	0.99921057	1
Depression	Inhib	<i>STON1</i>	-0.019133487	0.025558946	0.99921057	1
Depression	Inhib	<i>AC007405.6</i>	-0.002680823	0.029208936	0.99921057	1
Depression	Inhib	<i>TPPP</i>	-0.000285171	0.046200304	0.99921057	1
Depression	Inhib	<i>GTF2H2</i>	-0.000861494	0.035402271	0.99921057	1
Depression	Inhib	<i>RP11-230C9.2</i>	-0.004534305	0.041936174	0.99921057	1
Depression	Inhib	<i>PSPH</i>	-0.001628642	0.044266871	0.99921057	1
Depression	Inhib	<i>CLDN4</i>	-0.002879375	0.023317515	0.99921057	1
Depression	Inhib	<i>WBSCR27</i>	-0.003234545	0.015149864	0.99921057	1
Depression	Inhib	<i>DEFB1</i>	-0.01395264	0.008362499	0.99921057	1
Depression	Inhib	<i>PRSS55</i>	-0.005946518	0.031955458	0.99921057	1
Depression	Inhib	<i>FOXD4</i>	-0.006425197	0.04536652	0.99921057	1
Depression	Inhib	<i>CD274</i>	-0.002648993	0.04776366	0.99921057	1
Depression	Inhib	<i>C9orf91</i>	-0.001726932	0.03212588	0.99921057	1
Depression	Inhib	<i>TMEM258</i>	-0.000777185	0.020852446	0.99921057	1
Depression	Inhib	<i>HTR3B</i>	-0.00507867	0.003669663	0.99921057	1
Depression	Inhib	<i>C10orf107</i>	-0.001283529	0.046953755	0.99921057	1
Depression	Inhib	<i>ADAMTS14</i>	-0.000899331	0.007084239	0.99921057	1
Depression	Inhib	<i>LINC00865</i>	-0.002494694	0.024162565	0.99921057	1
Depression	Inhib	<i>HIF1AN</i>	-0.001423421	0.014690609	0.99921057	1
Depression	Inhib	<i>C10orf82</i>	0.009040487	0.000216937	0.591588222	0.591588222
Depression	Inhib	<i>ACOT6</i>	-0.005563514	0.004842188	0.99921057	1

Depression	Inhib	<i>MESDC2</i>	-0.001848259	0.000533782	0.727811537	1
Depression	Inhib	<i>IQGAP1</i>	-0.000577834	0.0131352	0.99921057	1
Depression	Inhib	<i>FAHDI</i>	-0.002322713	0.008047351	0.99921057	1
Depression	Inhib	<i>NPIPB7</i>	-0.011693122	0.025058456	0.99921057	1
Depression	Inhib	<i>CCT6B</i>	-0.001244808	0.016055224	0.99921057	1
Depression	Inhib	<i>PLK5</i>	-0.001180064	0.036127718	0.99921057	1
Depression	Inhib	<i>RIBC2</i>	-0.003948402	0.006151416	0.99921057	1
Depression	Micro_Macrc	<i>KCNAB2</i>	-0.00055519	0.010201965	0.985394937	1
Depression	Micro_Macrc	<i>ARHGEF19</i>	-0.001867412	0.039413185	0.985394937	1
Depression	Micro_Macrc	<i>CDA</i>	0.002803294	0.046002439	0.985394937	1
Depression	Micro_Macrc	<i>NBPF3</i>	-0.002095493	0.008446757	0.985394937	1
Depression	Micro_Macrc	<i>STPG1</i>	-0.001464909	0.035851729	0.985394937	1
Depression	Micro_Macrc	<i>TMEM39B</i>	-0.00144984	0.026716536	0.985394937	1
Depression	Micro_Macrc	<i>GJB5</i>	-0.017114329	0.013486451	0.985394937	1
Depression	Micro_Macrc	<i>SLC1A7</i>	-0.009550404	0.030047073	0.985394937	1
Depression	Micro_Macrc	<i>RP11-17E13.2</i>	-0.002737337	0.031803948	0.985394937	1
Depression	Micro_Macrc	<i>RP11-88H9.2</i>	-0.002719934	0.033135367	0.985394937	1
Depression	Micro_Macrc	<i>DUSP12</i>	-0.00178348	0.047930013	0.985394937	1
Depression	Micro_Macrc	<i>RP11-15I11.3</i>	-0.018197586	0.014498659	0.985394937	1
Depression	Micro_Macrc	<i>ALLC</i>	-0.010617783	0.04867496	0.985394937	1
Depression	Micro_Macrc	<i>PDCL3</i>	-0.002364801	0.042463538	0.985394937	1
Depression	Micro_Macrc	<i>CHCHD5</i>	-0.002389979	0.001293874	0.985394937	1
Depression	Micro_Macrc	<i>SCN9A</i>	-0.000688454	0.022381518	0.985394937	1
Depression	Micro_Macrc	<i>RAB43</i>	-0.003410647	0.012162796	0.985394937	1
Depression	Micro_Macrc	<i>LSG1</i>	-0.001110793	0.02723599	0.985394937	1
Depression	Micro_Macrc	<i>RP11-121C2.2</i>	-0.001716407	0.027168542	0.985394937	1
Depression	Micro_Macrc	<i>CNGA1</i>	-0.003704368	0.021627249	0.985394937	1
Depression	Micro_Macrc	<i>COPS4</i>	-0.000971362	0.033849427	0.985394937	1
Depression	Micro_Macrc	<i>CCDC127</i>	-0.002530069	0.011672825	0.985394937	1
Depression	Micro_Macrc	<i>ANKH</i>	-0.000295861	0.038387152	0.985394937	1
Depression	Micro_Macrc	<i>PCDHGA1</i>	-0.002998732	0.04186647	0.985394937	1
Depression	Micro_Macrc	<i>LSMEM1</i>	-0.004038501	0.022993649	0.985394937	1
Depression	Micro_Macrc	<i>PRSS55</i>	-0.007167673	0.009609734	0.985394937	1
Depression	Micro_Macrc	<i>RP11-297N6.4</i>	-0.005728895	0.048851415	0.985394937	1
Depression	Micro_Macrc	<i>RP11-247A12.7</i>	-0.005556495	0.012981044	0.985394937	1
Depression	Micro_Macrc	<i>APIP</i>	-0.001147149	0.018569045	0.985394937	1
Depression	Micro_Macrc	<i>EHBP1L1</i>	-0.000942692	0.006150622	0.985394937	1
Depression	Micro_Macrc	<i>RINI</i>	-0.002069137	0.04134684	0.985394937	1
Depression	Micro_Macrc	<i>XRRA1</i>	-0.000438252	0.026633519	0.985394937	1
Depression	Micro_Macrc	<i>FXVD2</i>	-0.00379588	0.02868022	0.985394937	1
Depression	Micro_Macrc	<i>RP11-479G22.8</i>	-0.007412441	0.022410702	0.985394937	1
Depression	Micro_Macrc	<i>GDF10</i>	-0.003795752	0.045376857	0.985394937	1
Depression	Micro_Macrc	<i>LINC01166</i>	-0.00350617	0.043133793	0.985394937	1
Depression	Micro_Macrc	<i>RNASEH2B</i>	-0.000540687	0.025891923	0.985394937	1
Depression	Micro_Macrc	<i>ACOT1</i>	-0.006963496	0.019216814	0.985394937	1
Depression	Micro_Macrc	<i>CYP1A1</i>	-0.009304128	0.045972538	0.985394937	1
Depression	Micro_Macrc	<i>KNOP1</i>	-0.000438527	0.007739138	0.985394937	1
Depression	Micro_Macrc	<i>CES1</i>	-0.001172742	0.021410085	0.985394937	1
Depression	Micro_Macrc	<i>FAM101B</i>	-0.00835103	0.046666169	0.985394937	1
Depression	Micro_Macrc	<i>MIS12</i>	-0.001889056	0.032913022	0.985394937	1
Depression	Micro_Macrc	<i>EME1</i>	-0.003947062	0.021112212	0.985394937	1
Depression	Micro_Macrc	<i>RP11-861E21.1</i>	0.018265069	0.011295629	0.985394937	1
Depression	Micro_Macrc	<i>RBBP9</i>	-0.002815054	0.030542278	0.985394937	1

Depression	Micro_Macrc	<i>AKAP8</i>	-0.000854691	0.020685947	0.985394937	1
Depression	Oligos	<i>GJB5</i>	-0.017474507	0.01112919	0.998942765	1
Depression	Oligos	<i>RP11-88H9.2</i>	-0.002983246	0.020207972	0.998942765	1
Depression	Oligos	<i>TTF2</i>	0.001340181	0.036813409	0.998942765	1
Depression	Oligos	<i>LAMC2</i>	-0.004123338	0.042902506	0.998942765	1
Depression	Oligos	<i>FAM110C</i>	0.003729793	0.034502147	0.998942765	1
Depression	Oligos	<i>TCTE1</i>	-0.006742893	0.014382447	0.998942765	1
Depression	Oligos	<i>RNASET2</i>	-0.017583755	0.003021295	0.998942765	1
Depression	Oligos	<i>SAMD9L</i>	0.000403259	0.010357308	0.998942765	1
Depression	Oligos	<i>CPSF4</i>	-0.001158006	0.042554552	0.998942765	1
Depression	Oligos	<i>CTD-3025N20.3</i>	-0.002104802	0.029882899	0.998942765	1
Depression	Oligos	<i>RP11-378I6.1</i>	-0.008720702	0.016884472	0.998942765	1
Depression	Oligos	<i>RP11-50B3.2</i>	-0.008814729	0.037628806	0.998942765	1
Depression	Oligos	<i>CISD1</i>	0.000757833	0.007814072	0.998942765	1
Depression	Oligos	<i>AKAP3</i>	-0.003528108	0.016114024	0.998942765	1
Depression	Oligos	<i>AC091814.2</i>	-0.001796257	0.031292273	0.998942765	1
Depression	Oligos	<i>TMEM106C</i>	-0.002133291	0.002624987	0.998942765	1
Depression	Oligos	<i>RP11-218E20.3</i>	0.016065932	0.017052728	0.998942765	1
Depression	Oligos	<i>CTD-2184D3.6</i>	0.004196279	0.006050231	0.998942765	1
Depression	Oligos	<i>MTFMT</i>	-0.00090926	0.048561056	0.998942765	1
Depression	Oligos	<i>CIB2</i>	-0.002893023	0.026832927	0.998942765	1
Depression	Oligos	<i>MESDC2</i>	-0.001234673	0.020617973	0.998942765	1
Depression	Oligos	<i>ERGIC3</i>	-0.001261005	0.012282901	0.998942765	1
Depression	Oligos	<i>ZNF749</i>	-0.000983916	0.029613081	0.998942765	1
Depression	Oligos	<i>YPEL1</i>	-0.001555164	0.014516236	0.998942765	1
Depression	Oligos	<i>IL10RB</i>	0.001398085	0.023149847	0.998942765	1
Depression	OPCs	<i>GJB5</i>	0.013552645	0.049589227	0.999956678	1
Depression	OPCs	<i>SI00A10</i>	-0.004056369	0.036903956	0.999956678	1
Depression	OPCs	<i>TCHH</i>	-0.003237267	0.030233054	0.999956678	1
Depression	OPCs	<i>ARV1</i>	-0.001081613	0.046196233	0.999956678	1
Depression	OPCs	<i>UXS1</i>	-0.000805515	0.025019523	0.999956678	1
Depression	OPCs	<i>GPR155</i>	0.000506322	0.004615957	0.999956678	1
Depression	OPCs	<i>CCDC174</i>	-0.001073793	0.01980914	0.999956678	1
Depression	OPCs	<i>BTN2A2</i>	-0.003035609	0.031219003	0.999956678	1
Depression	OPCs	<i>ENPP5</i>	-0.001217457	0.042538563	0.999956678	1
Depression	OPCs	<i>CTGF</i>	0.00150102	0.025300584	0.999956678	1
Depression	OPCs	<i>IFITM2</i>	-0.003314449	0.029137554	0.999956678	1
Depression	OPCs	<i>OR51E2</i>	-0.015974968	0.039996202	0.999956678	1
Depression	OPCs	<i>LDHC</i>	-0.00353507	0.016639769	0.999956678	1
Depression	OPCs	<i>CDC45</i>	-0.007341561	0.014989522	0.999956678	1
Depression	OPCs	<i>XRR1</i>	-0.000463759	0.019031607	0.999956678	1
Depression	OPCs	<i>AKR1C2</i>	-0.002978372	0.030929807	0.999956678	1
Depression	OPCs	<i>BMI1</i>	-0.000625202	0.044890124	0.999956678	1
Depression	OPCs	<i>LINC00865</i>	0.002452136	0.026786121	0.999956678	1
Depression	OPCs	<i>DDX11</i>	-0.001520109	0.006253705	0.999956678	1
Depression	OPCs	<i>ATP5G2</i>	-0.000470782	0.008002231	0.999956678	1
Depression	OPCs	<i>PLA2G1B</i>	-0.007068774	0.023505753	0.999956678	1
Depression	OPCs	<i>TGMI</i>	-0.003397514	0.035022644	0.999956678	1
Depression	OPCs	<i>PWAR6</i>	-0.000218145	0.018045583	0.999956678	1
Depression	OPCs	<i>HPR</i>	0.001529733	0.045858566	0.999956678	1
Depression	OPCs	<i>CTD-2349P21.9</i>	-0.003446475	0.01328749	0.999956678	1
Depression	OPCs	<i>SPPL2C</i>	-0.001265475	0.030673093	0.999956678	1
Depression	OPCs	<i>SLC13A3</i>	-0.000512195	0.016940643	0.999956678	1

Depression	OPCs	<i>UBA52</i>	-0.000553232	0.044670136	0.999956678	1
Depression	OPCs	<i>SLC7A10</i>	0.000531126	0.038795811	0.999956678	1
Depression	OPCs	<i>ZNF568</i>	-0.001439373	0.007276365	0.999956678	1
Depression	OPCs	<i>ZNF584</i>	-0.002112363	0.002220876	0.999956678	1
Psychosis	Astros	<i>RPUSD3</i>	-0.000235645	0.009519233	0.999641851	1
Psychosis	Astros	<i>C7orf25</i>	-0.001089225	0.040517373	0.999641851	1
Psychosis	Astros	<i>SAMD9L</i>	6.55E-05	0.045314812	0.999641851	1
Psychosis	Astros	<i>RP11-247A12.7</i>	-0.000994465	0.02688148	0.999641851	1
Psychosis	Astros	<i>SPPL2C</i>	-0.000240444	0.041765063	0.999641851	1
Psychosis	Astros	<i>ZNF211</i>	-0.000339374	0.015414606	0.999641851	1
Psychosis	Ex	<i>FAM87B</i>	-0.000297227	0.015640646	0.999859758	1
Psychosis	Ex	<i>COL16A1</i>	-6.07E-05	0.037175668	0.999859758	1
Psychosis	Ex	<i>LINC00487</i>	-0.000953703	0.033008906	0.999859758	1
Psychosis	Ex	<i>PLB1</i>	0.000962636	0.001253124	0.999859758	1
Psychosis	Ex	<i>OR5K2</i>	0.000391808	0.008984952	0.999859758	1
Psychosis	Ex	<i>ADD3</i>	3.74E-05	0.031431579	0.999859758	1
Psychosis	Ex	<i>GALNT6</i>	-0.000171952	0.043986856	0.999859758	1
Psychosis	Ex	<i>PWP1</i>	0.000201312	0.024049479	0.999859758	1
Psychosis	Ex	<i>APOBEC3G</i>	-0.00029127	0.031245875	0.999859758	1
Psychosis	Inhib	<i>MUL1</i>	0.000284482	0.030512555	0.999843525	1
Psychosis	Inhib	<i>TBC1D23</i>	-0.000177191	0.007469261	0.999843525	1
Psychosis	Inhib	<i>TCF19</i>	0.001118683	0.034736803	0.999843525	1
Psychosis	Inhib	<i>PAXIP1-AS2</i>	0.000489312	0.018998634	0.999843525	1
Psychosis	Inhib	<i>HTR3B</i>	0.000723023	0.039407048	0.999843525	1
Psychosis	Inhib	<i>SOHLH2</i>	-0.001217185	0.029308294	0.999843525	1
Psychosis	Inhib	<i>ACSM5</i>	-0.000233368	0.032767212	0.999843525	1
Psychosis	Inhib	<i>TST</i>	-0.000321014	0.006780294	0.999843525	1
Psychosis	Micro_Macrc	<i>FAM159A</i>	-0.00029605	0.018616721	0.999813596	1
Psychosis	Micro_Macrc	<i>SH3BGRL2</i>	0.000245095	0.01134274	0.999813596	1
Psychosis	Micro_Macrc	<i>KIF24</i>	0.000537196	0.023046692	0.999813596	1
Psychosis	Micro_Macrc	<i>TMEM106C</i>	0.000287577	0.043687188	0.999813596	1
Psychosis	Micro_Macrc	<i>C14orf79</i>	-0.000355988	0.044312886	0.999813596	1
Psychosis	Micro_Macrc	<i>AP3S2</i>	0.000210251	0.018602563	0.999813596	1
Psychosis	Micro_Macrc	<i>ATP9B</i>	-0.000157211	0.006132911	0.999813596	1
Psychosis	Oligos	<i>PAXIP1-AS2</i>	-0.000525031	0.012071419	0.999215211	1
Psychosis	Oligos	<i>LINC00920</i>	-0.002023778	0.035819052	0.999215211	1
Psychosis	Oligos	<i>PHLPP2</i>	0.000126186	0.045875285	0.999215211	1
Psychosis	Oligos	<i>ATP2A3</i>	0.001617011	0.034224585	0.999215211	1
Psychosis	OPCs	<i>PINK1</i>	-0.000176874	0.017972	0.999970386	1
Psychosis	OPCs	<i>TCHH</i>	-0.000710498	0.017850117	0.999970386	1
Psychosis	OPCs	<i>RP1-156L9.1</i>	0.000932537	0.029821795	0.999970386	1
Psychosis	OPCs	<i>CYP39A1</i>	0.000959213	0.004910632	0.999970386	1
Psychosis	OPCs	<i>DPM2</i>	-0.000162405	0.041217397	0.999970386	1
Psychosis	OPCs	<i>PWAR6</i>	3.92E-05	0.034208762	0.999970386	1
Psychosis	OPCs	<i>TIPIN</i>	-0.000355362	0.028717962	0.999970386	1
Psychosis	OPCs	<i>SEC14L6</i>	-0.000446739	0.041984444	0.999970386	1

b. Identified trait-associated genes from CTS TWAS analysis in pancreas

disorder	celltype	Genes	Estimates	Pvalues	Pvalues_BH	Pvalue_Bonferroni
T2DM	acinar_cell	<i>MIB2</i>	-0.002950703	0.043504445	0.478676852	1
T2DM	acinar_cell	<i>SLC35E2B</i>	-0.005798181	0.043976131	0.479012413	1
T2DM	acinar_cell	<i>PIK3CD</i>	-0.008659846	0.00513599	0.174137626	1
T2DM	acinar_cell	<i>FAM131C</i>	0.004428795	0.03868813	0.45598978	1
T2DM	acinar_cell	<i>NECAP2</i>	-0.004153525	1.66E-07	0.000310728	0.000621457
T2DM	acinar_cell	<i>NBPF3</i>	0.01211349	0.012676707	0.26885796	1
T2DM	acinar_cell	<i>ZBTB40</i>	-0.006028003	0.007884433	0.206151553	1
T2DM	acinar_cell	<i>EPHB2</i>	0.004311768	0.013276594	0.271408396	1
T2DM	acinar_cell	<i>RHD</i>	-0.02699029	0.016521938	0.313500321	1
T2DM	acinar_cell	<i>LDLRAP1</i>	-0.001757651	0.040488756	0.465842558	1
T2DM	acinar_cell	<i>XKR8</i>	-0.004000906	0.040506685	0.465842558	1
T2DM	acinar_cell	<i>PPIE</i>	-0.003816667	0.027272094	0.392403482	1
T2DM	acinar_cell	<i>EXO5</i>	0.005128878	0.019487681	0.334859075	1
T2DM	acinar_cell	<i>NSUN4</i>	-0.003093997	0.045329152	0.479012413	1
T2DM	acinar_cell	<i>ORC1</i>	0.019455268	0.02639252	0.387464432	1
T2DM	acinar_cell	<i>TMED5</i>	0.001369746	0.020423823	0.342625653	1
T2DM	acinar_cell	<i>DR1</i>	-0.003216574	0.00146378	0.096070188	1
T2DM	acinar_cell	<i>RWDD3</i>	-0.002952666	0.003854093	0.158441348	1
T2DM	acinar_cell	<i>PTBP2</i>	-0.00183835	0.030517412	0.415556754	1
T2DM	acinar_cell	<i>PALMD</i>	0.006521929	0.001635685	0.100313092	1
T2DM	acinar_cell	<i>LRRC39</i>	-0.01055015	0.002211123	0.114886258	1
T2DM	acinar_cell	<i>SYPL2</i>	-0.009088911	0.000919687	0.077121813	1
T2DM	acinar_cell	<i>GSTM5</i>	-0.006679714	0.038603134	0.45598978	1
T2DM	acinar_cell	<i>ST7L</i>	-0.003977287	0.013637282	0.275546095	1
T2DM	acinar_cell	<i>PTPN22</i>	0.016033764	0.007652836	0.206151553	1
T2DM	acinar_cell	<i>LINGO4</i>	-0.032874317	8.22E-06	0.005123882	0.030743294
T2DM	acinar_cell	<i>SLC25A44</i>	-0.005116429	0.005213423	0.174137626	1
T2DM	acinar_cell	<i>RABGAP1L</i>	-0.001434464	0.035422209	0.443308458	1
T2DM	acinar_cell	<i>MRPS14</i>	-0.005434958	0.031300687	0.416711276	1
T2DM	acinar_cell	<i>TNNI1</i>	-0.044795693	0.000640996	0.068065897	1
T2DM	acinar_cell	<i>CHI3L1</i>	-0.004817973	0.004640614	0.172677776	1
T2DM	acinar_cell	<i>TAF1A</i>	0.009590925	0.012527048	0.26885796	1
T2DM	acinar_cell	<i>SRP9</i>	-0.001028059	0.026762378	0.389564428	1
T2DM	acinar_cell	<i>GPR137B</i>	-0.005090079	0.042198579	0.474068723	1
T2DM	acinar_cell	<i>TMEM18</i>	-0.001390111	0.040843721	0.465842558	1
T2DM	acinar_cell	<i>LPIN1</i>	-0.001730782	0.007983714	0.206151553	1
T2DM	acinar_cell	<i>KLHL29</i>	-0.011679446	0.034925366	0.442733179	1
T2DM	acinar_cell	<i>ATRAID</i>	-0.000855028	0.018161948	0.324667115	1
T2DM	acinar_cell	<i>KRTCAP3</i>	-0.003254729	0.000176582	0.041000076	0.66059218
T2DM	acinar_cell	<i>PPP1CB</i>	-0.00068246	0.024939345	0.382530477	1
T2DM	acinar_cell	<i>LCLAT1</i>	-0.005181621	0.000616129	0.068065897	1
T2DM	acinar_cell	<i>ACTR2</i>	0.000972484	0.008273318	0.208240346	1
T2DM	acinar_cell	<i>NAT8</i>	0.002271414	0.024941875	0.382530477	1
T2DM	acinar_cell	<i>DNAH6</i>	0.006931804	0.010018625	0.231364145	1
T2DM	acinar_cell	<i>ANKRD36</i>	0.002756699	0.026574915	0.388346711	1
T2DM	acinar_cell	<i>COX5B</i>	0.000582421	0.029812355	0.415556754	1
T2DM	acinar_cell	<i>IL1RL2</i>	-0.008779701	0.038053742	0.45598978	1
T2DM	acinar_cell	<i>MERTK</i>	0.00502742	0.019790266	0.338061119	1
T2DM	acinar_cell	<i>CHCHD5</i>	-0.001779831	0.017754186	0.324667115	1
T2DM	acinar_cell	<i>DAPL1</i>	0.004992293	0.037245433	0.449468271	1
T2DM	acinar_cell	<i>CYBRD1</i>	-0.003363543	0.023985137	0.378201548	1
T2DM	acinar_cell	<i>PMS1</i>	-0.010898301	7.91E-06	0.005123882	0.029586573
T2DM	acinar_cell	<i>HIBCH</i>	-0.003635182	0.030199585	0.415556754	1
T2DM	acinar_cell	<i>DNAH7</i>	-0.005008134	0.007957729	0.206151553	1

T2DM	acinar_cell	<i>CASP10</i>	-0.008625542	0.038180025	0.45598978	1
T2DM	acinar_cell	<i>ATIC</i>	-0.005219464	0.016927844	0.313500321	1
T2DM	acinar_cell	<i>SUMF1</i>	-0.007996905	0.004526431	0.172677776	1
T2DM	acinar_cell	<i>ALS2CL</i>	-0.022890749	2.62E-09	9.81E-06	9.81E-06
T2DM	acinar_cell	<i>TREX1</i>	0.028594118	0.00850537	0.210719141	1
T2DM	acinar_cell	<i>ARIH2</i>	0.001869806	0.018471047	0.325944275	1
T2DM	acinar_cell	<i>WDR6</i>	-0.003521446	0.004962029	0.172677776	1
T2DM	acinar_cell	<i>DOCK3</i>	-0.003466888	0.030345211	0.415556754	1
T2DM	acinar_cell	<i>ITIH4</i>	0.007218204	0.012013053	0.261283897	1
T2DM	acinar_cell	<i>RFT1</i>	-0.006745871	0.049561799	0.494428507	1
T2DM	acinar_cell	<i>IL17RD</i>	-0.01140025	0.005022695	0.172677776	1
T2DM	acinar_cell	<i>FLNB</i>	-0.003192395	0.017068564	0.314549245	1
T2DM	acinar_cell	<i>CADPS</i>	-0.001532441	0.026129932	0.386540862	1
T2DM	acinar_cell	<i>EOGT</i>	-0.002051564	0.040475266	0.465842558	1
T2DM	acinar_cell	<i>EPHA3</i>	0.015226759	0.002047978	0.108004081	1
T2DM	acinar_cell	<i>PARP14</i>	-0.003166354	0.048818571	0.492264887	1
T2DM	acinar_cell	<i>HEG1</i>	0.004386172	0.007919572	0.206151553	1
T2DM	acinar_cell	<i>P2RY12</i>	0.049292153	0.012998505	0.271408396	1
T2DM	acinar_cell	<i>PLCH1</i>	-0.014205271	0.001159913	0.086784683	1
T2DM	acinar_cell	<i>LRRC34</i>	-0.006334876	0.040672152	0.465842558	1
T2DM	acinar_cell	<i>GPR160</i>	-0.006685538	0.004662193	0.172677776	1
T2DM	acinar_cell	<i>MRPL47</i>	-0.001272459	0.001864514	0.104131834	1
T2DM	acinar_cell	<i>PIGZ</i>	-0.010137862	1.22E-05	0.006499954	0.045499677
T2DM	acinar_cell	<i>DOK7</i>	-0.018638156	0.000727783	0.068065897	1
T2DM	acinar_cell	<i>ADRA2C</i>	0.004656219	0.016739573	0.313500321	1
T2DM	acinar_cell	<i>SH3TC1</i>	-0.003170612	0.010423159	0.236321439	1
T2DM	acinar_cell	<i>SLC2A9</i>	-0.009230221	0.005287679	0.175054938	1
T2DM	acinar_cell	<i>CLNK</i>	-0.041271802	0.00229699	0.116492314	1
T2DM	acinar_cell	<i>LDB2</i>	0.003761796	0.048010688	0.48806517	1
T2DM	acinar_cell	<i>SRD5A3</i>	0.003080224	0.024060938	0.378201548	1
T2DM	acinar_cell	<i>SRP72</i>	-0.001306738	0.000287211	0.050197604	1
T2DM	acinar_cell	<i>ARL9</i>	0.011970586	0.000135938	0.036324454	0.508542361
T2DM	acinar_cell	<i>ART3</i>	-0.024361589	0.004197839	0.167065075	1
T2DM	acinar_cell	<i>CXCL11</i>	0.031689863	0.021901757	0.359361724	1
T2DM	acinar_cell	<i>MAPK10</i>	-0.002625242	0.046037786	0.481082002	1
T2DM	acinar_cell	<i>GPRIN3</i>	-0.002434934	0.001359928	0.092859494	1
T2DM	acinar_cell	<i>BDH2</i>	0.004448823	0.045424543	0.479012413	1
T2DM	acinar_cell	<i>ARHGEF38</i>	0.012923427	0.03308594	0.428979001	1
T2DM	acinar_cell	<i>GOLPH3</i>	-0.001273345	0.042634747	0.477534692	1
T2DM	acinar_cell	<i>NPR3</i>	0.005939146	0.031252859	0.416711276	1
T2DM	acinar_cell	<i>CCNO</i>	-0.013293689	0.006640756	0.192581918	1
T2DM	acinar_cell	<i>NSA2</i>	-0.000909316	0.000927688	0.077121813	1
T2DM	acinar_cell	<i>GPR150</i>	0.009206822	0.036231614	0.445863383	1
T2DM	acinar_cell	<i>CAST</i>	0.000534163	0.030444675	0.415556754	1
T2DM	acinar_cell	<i>KLHL3</i>	0.004274503	0.00018317	0.041000076	0.685238082
T2DM	acinar_cell	<i>TMCO6</i>	-0.020508707	0.008660525	0.211765548	1
T2DM	acinar_cell	<i>RGS14</i>	-0.00497183	0.00642436	0.192268237	1
T2DM	acinar_cell	<i>RNF130</i>	-0.002852785	0.03380675	0.431641813	1
T2DM	acinar_cell	<i>RIPK1</i>	-0.003710203	0.048190027	0.488560682	1
T2DM	acinar_cell	<i>ECI2</i>	-0.0019269	0.030892547	0.415556754	1
T2DM	acinar_cell	<i>GMPR</i>	0.006114456	0.000584124	0.068065897	1
T2DM	acinar_cell	<i>ZNF391</i>	-0.014701472	0.011767539	0.257440721	1
T2DM	acinar_cell	<i>ZSCAN31</i>	-0.007993827	0.012720625	0.26885796	1
T2DM	acinar_cell	<i>ZSCAN23</i>	-0.014662294	0.041128065	0.46661232	1
T2DM	acinar_cell	<i>VARs2</i>	0.007623056	0.006919077	0.199109755	1
T2DM	acinar_cell	<i>TCF19</i>	0.015353189	0.019472346	0.334859075	1

T2DM	acinar_cell	<i>VWA7</i>	-0.022810111	0.00565948	0.182518238	1
T2DM	acinar_cell	<i>HLA-DOB</i>	0.033509232	0.046380499	0.483011503	1
T2DM	acinar_cell	<i>B3GALT4</i>	-0.003780084	0.047983527	0.48806517	1
T2DM	acinar_cell	<i>BAK1</i>	-0.006494623	0.010008494	0.231364145	1
T2DM	acinar_cell	<i>SRPK1</i>	-0.002417586	0.042765478	0.477569117	1
T2DM	acinar_cell	<i>CCDC167</i>	-0.003474639	0.021619998	0.356301373	1
T2DM	acinar_cell	<i>PGC</i>	-0.010178391	0.012833953	0.269729311	1
T2DM	acinar_cell	<i>PEX6</i>	-0.008370765	0.00013368	0.036324454	0.500095731
T2DM	acinar_cell	<i>B3GAT2</i>	0.008550488	0.001937299	0.106579911	1
T2DM	acinar_cell	<i>BCKDHB</i>	0.004496048	0.004153099	0.167061763	1
T2DM	acinar_cell	<i>TPD52L1</i>	0.002701623	0.018651122	0.327576753	1
T2DM	acinar_cell	<i>RAET1G</i>	-0.024155182	0.009495489	0.226258757	1
T2DM	acinar_cell	<i>MTRF1L</i>	0.001868308	0.002049797	0.108004081	1
T2DM	acinar_cell	<i>TULP4</i>	0.003116904	7.80E-05	0.029029401	0.291651495
T2DM	acinar_cell	<i>EZR</i>	-0.001813437	4.40E-06	0.004118033	0.016472133
T2DM	acinar_cell	<i>FNDC1</i>	0.014786972	0.024748603	0.382530477	1
T2DM	acinar_cell	<i>MRPL18</i>	0.001289249	0.019188501	0.333879922	1
T2DM	acinar_cell	<i>CARD11</i>	-0.007662388	0.003283601	0.145108259	1
T2DM	acinar_cell	<i>COL28A1</i>	-0.029137286	0.007423054	0.205701088	1
T2DM	acinar_cell	<i>RPA3</i>	0.00233701	0.000186986	0.041000076	0.699513936
T2DM	acinar_cell	<i>CRHR2</i>	-0.026293977	0.000693929	0.068065897	1
T2DM	acinar_cell	<i>EPDR1</i>	-0.007596907	0.008097161	0.206151553	1
T2DM	acinar_cell	<i>VPS41</i>	-0.00627445	0.001864965	0.104131834	1
T2DM	acinar_cell	<i>STK17A</i>	-0.00127736	0.01816902	0.324667115	1
T2DM	acinar_cell	<i>LINC00957</i>	-0.016913019	0.005770564	0.184260527	1
T2DM	acinar_cell	<i>PSPH</i>	-0.010436264	0.004948937	0.172677776	1
T2DM	acinar_cell	<i>ZNF107</i>	-0.005999977	0.011220502	0.246917054	1
T2DM	acinar_cell	<i>ZNF273</i>	-0.003513956	0.043444983	0.478676852	1
T2DM	acinar_cell	<i>TYW1</i>	-0.005526329	0.047235218	0.486378318	1
T2DM	acinar_cell	<i>POM121</i>	0.00320542	0.040205517	0.465842558	1
T2DM	acinar_cell	<i>SAP25</i>	-0.00972284	0.036179004	0.445863383	1
T2DM	acinar_cell	<i>POLR2J3</i>	-0.001579574	0.021514873	0.356301373	1
T2DM	acinar_cell	<i>TSPAN12</i>	-0.003700073	0.032759363	0.427013162	1
T2DM	acinar_cell	<i>CADPS2</i>	0.005341451	0.001997813	0.108004081	1
T2DM	acinar_cell	<i>IRF5</i>	-0.005670419	0.047324701	0.486378318	1
T2DM	acinar_cell	<i>SLC37A3</i>	-0.002452562	0.030934481	0.415556754	1
T2DM	acinar_cell	<i>ZNF786</i>	-0.00789287	0.046932616	0.485013586	1
T2DM	acinar_cell	<i>RHEB</i>	0.000986946	0.013241301	0.271408396	1
T2DM	acinar_cell	<i>MYOM2</i>	0.009019354	0.049189922	0.493919662	1
T2DM	acinar_cell	<i>NUDT18</i>	-0.010479738	0.006165493	0.187521228	1
T2DM	acinar_cell	<i>ADAM9</i>	-0.002265035	0.028078634	0.40092431	1
T2DM	acinar_cell	<i>SNX16</i>	-0.007685435	0.025317692	0.382530477	1
T2DM	acinar_cell	<i>MMP16</i>	-0.006765031	0.001387331	0.092859494	1
T2DM	acinar_cell	<i>ZC3H3</i>	-0.006387387	0.004891048	0.172677776	1
T2DM	acinar_cell	<i>TONSL</i>	0.006583192	0.0275011	0.394182434	1
T2DM	acinar_cell	<i>IFT74</i>	-0.002053245	0.004752354	0.172677776	1
T2DM	acinar_cell	<i>RPP25L</i>	-0.002870019	0.046769968	0.484671606	1
T2DM	acinar_cell	<i>IL11RA</i>	-0.006454624	0.004729351	0.172677776	1
T2DM	acinar_cell	<i>FANCG</i>	-0.012916708	0.004070938	0.165536725	1
T2DM	acinar_cell	<i>ARHGEF39</i>	-0.032313812	0.000712085	0.068065897	1
T2DM	acinar_cell	<i>FXN</i>	-0.003424281	0.009369169	0.226129428	1
T2DM	acinar_cell	<i>NMRK1</i>	-0.004383007	0.009905112	0.231364145	1
T2DM	acinar_cell	<i>ROR2</i>	0.006244326	0.025376855	0.382530477	1
T2DM	acinar_cell	<i>UGCG</i>	0.002335586	0.002418293	0.119037273	1
T2DM	acinar_cell	<i>SUSD1</i>	-0.005213483	0.032466283	0.424672598	1
T2DM	acinar_cell	<i>ALAD</i>	0.008138619	0.01661293	0.313500321	1

T2DM	acinar_cell	<i>RGS3</i>	-0.006342845	0.009295604	0.22581074	1
T2DM	acinar_cell	<i>ARPC5L</i>	0.000626715	0.025511019	0.382530477	1
T2DM	acinar_cell	<i>SH2D3C</i>	0.011500399	0.026410968	0.387464432	1
T2DM	acinar_cell	<i>CDK9</i>	-0.00373217	0.007897156	0.206151553	1
T2DM	acinar_cell	<i>FPGS</i>	-0.002300631	0.030189663	0.415556754	1
T2DM	acinar_cell	<i>QRFP</i>	-0.101888285	0.000351975	0.050643754	1
T2DM	acinar_cell	<i>ADAMTS13</i>	-0.020270272	0.043401514	0.478676852	1
T2DM	acinar_cell	<i>DBH</i>	0.001921006	0.04116067	0.46661232	1
T2DM	acinar_cell	<i>UBAC1</i>	-0.00374219	0.001574681	0.09928212	1
T2DM	acinar_cell	<i>SEC16A</i>	0.002495608	0.045446779	0.479012413	1
T2DM	acinar_cell	<i>MAN1B1</i>	-0.002541791	0.00556631	0.182518238	1
T2DM	acinar_cell	<i>ENTPD8</i>	-0.012325854	0.040803721	0.465842558	1
T2DM	acinar_cell	<i>GTPBP4</i>	0.001758797	0.000367027	0.050853671	1
T2DM	acinar_cell	<i>AKR1C2</i>	0.006574089	0.004848352	0.172677776	1
T2DM	acinar_cell	<i>IL2RA</i>	0.019121935	0.009458926	0.226258757	1
T2DM	acinar_cell	<i>CAMK1D</i>	-0.015913105	0.00012151	0.036324454	0.45456851
T2DM	acinar_cell	<i>MLLT10</i>	0.004491138	0.001219083	0.088390778	1
T2DM	acinar_cell	<i>ALOX5</i>	-0.004387133	0.016491234	0.313500321	1
T2DM	acinar_cell	<i>AGAP4</i>	0.005661915	0.04157928	0.469933795	1
T2DM	acinar_cell	<i>ATOX1</i>	-0.016155818	0.007805182	0.206151553	1
T2DM	acinar_cell	<i>STOX1</i>	-0.008101833	0.035431497	0.443308458	1
T2DM	acinar_cell	<i>SGPL1</i>	-0.002220691	0.006336508	0.191168347	1
T2DM	acinar_cell	<i>VDAC2</i>	-0.000972439	0.044651993	0.479012413	1
T2DM	acinar_cell	<i>CWF19L1</i>	0.004165504	0.033255425	0.428979001	1
T2DM	acinar_cell	<i>BTRC</i>	-0.004003553	0.016734161	0.313500321	1
T2DM	acinar_cell	<i>NEURL1</i>	-0.002862989	0.002367794	0.118105542	1
T2DM	acinar_cell	<i>GSTO2</i>	-0.00130197	0.030991803	0.415556754	1
T2DM	acinar_cell	<i>XPNPEP1</i>	0.00362613	0.02696569	0.391002511	1
T2DM	acinar_cell	<i>ADRB1</i>	-0.006726083	0.02306866	0.369564705	1
T2DM	acinar_cell	<i>PPP2R2D</i>	-0.002869502	0.037926367	0.45598978	1
T2DM	acinar_cell	<i>DPYSL4</i>	-0.008257173	0.024265524	0.378238852	1
T2DM	acinar_cell	<i>IFITM1</i>	0.006161356	0.020696254	0.345645916	1
T2DM	acinar_cell	<i>B4GALNT4</i>	-0.010496677	0.010692942	0.240977693	1
T2DM	acinar_cell	<i>TRPM5</i>	-0.044716908	0.003674377	0.152731607	1
T2DM	acinar_cell	<i>ZNF195</i>	0.002632787	0.036770605	0.447656176	1
T2DM	acinar_cell	<i>ART5</i>	-0.022060556	0.031792134	0.420262806	1
T2DM	acinar_cell	<i>STK33</i>	0.004533141	0.039645961	0.463486065	1
T2DM	acinar_cell	<i>TRIM66</i>	-0.005458747	0.00724764	0.203860309	1
T2DM	acinar_cell	<i>KCNJ11</i>	0.006933649	0.002531414	0.121410507	1
T2DM	acinar_cell	<i>ARL14EP</i>	-0.002424682	0.000963719	0.078375525	1
T2DM	acinar_cell	<i>MADD</i>	-0.004158654	0.010065832	0.231364145	1
T2DM	acinar_cell	<i>TIMM10</i>	-0.002315224	0.04571169	0.479012413	1
T2DM	acinar_cell	<i>ZFP91</i>	-0.002676001	0.016712344	0.313500321	1
T2DM	acinar_cell	<i>ASRGL1</i>	-0.004035709	0.005840416	0.184260527	1
T2DM	acinar_cell	<i>EML3</i>	-0.003194556	0.032034004	0.420488453	1
T2DM	acinar_cell	<i>NAA40</i>	-0.003333968	0.019513306	0.334859075	1
T2DM	acinar_cell	<i>TRPT1</i>	-0.009577839	0.001792435	0.104131834	1
T2DM	acinar_cell	<i>TRMT112</i>	-0.001403434	0.020206302	0.342044235	1
T2DM	acinar_cell	<i>TBX10</i>	-0.043834417	0.029264596	0.414692623	1
T2DM	acinar_cell	<i>LRP5</i>	0.006475037	0.033368856	0.428979001	1
T2DM	acinar_cell	<i>MRPL21</i>	-0.00177508	0.035030479	0.442733179	1
T2DM	acinar_cell	<i>UCP2</i>	0.0038597	0.023705797	0.375777063	1
T2DM	acinar_cell	<i>ALG8</i>	0.005431894	0.005862207	0.184260527	1
T2DM	acinar_cell	<i>NAALAD2</i>	0.039183709	0.001086783	0.082972536	1
T2DM	acinar_cell	<i>KDM4E</i>	0.040091511	0.002836134	0.134303522	1
T2DM	acinar_cell	<i>FDX1</i>	0.002074027	0.041906082	0.472200758	1

T2DM	acinar_cell	<i>TTC12</i>	-0.010319108	0.003491045	0.1484091	1
T2DM	acinar_cell	<i>APOA5</i>	0.032883766	0.000444313	0.059363416	1
T2DM	acinar_cell	<i>TRAPPC4</i>	-0.001745922	0.006589236	0.192580721	1
T2DM	acinar_cell	<i>TMEM218</i>	-0.002267016	0.036787644	0.447656176	1
T2DM	acinar_cell	<i>FAM118B</i>	-0.012045993	0.013248581	0.271408396	1
T2DM	acinar_cell	<i>TEAD4</i>	-0.005597668	0.001804406	0.104131834	1
T2DM	acinar_cell	<i>MLF2</i>	-0.001234607	0.023301514	0.37094027	1
T2DM	acinar_cell	<i>LRRC23</i>	0.002386447	0.010982501	0.244556757	1
T2DM	acinar_cell	<i>TAS2R14</i>	-0.015054044	0.010911983	0.244441481	1
T2DM	acinar_cell	<i>TAS2R43</i>	0.021788322	0.000485394	0.062615846	1
T2DM	acinar_cell	<i>GPRC5A</i>	-0.007805679	0.038615547	0.45598978	1
T2DM	acinar_cell	<i>ZCRB1</i>	-0.001284591	0.001562839	0.09928212	1
T2DM	acinar_cell	<i>GTSF1</i>	-0.02530573	0.045587528	0.479012413	1
T2DM	acinar_cell	<i>RPS26</i>	-0.000336653	0.027152866	0.392196423	1
T2DM	acinar_cell	<i>ERBB3</i>	-0.003555446	0.030395358	0.415556754	1
T2DM	acinar_cell	<i>SLC39A5</i>	-0.005189718	0.007911061	0.206151553	1
T2DM	acinar_cell	<i>MYRFL</i>	0.049855534	0.000222169	0.043744001	0.83113601
T2DM	acinar_cell	<i>GLIPR1L2</i>	-0.009481958	0.022228919	0.363137063	1
T2DM	acinar_cell	<i>CEP290</i>	-0.002132727	0.044664185	0.479012413	1
T2DM	acinar_cell	<i>SNRPF</i>	-0.001650323	0.038453233	0.45598978	1
T2DM	acinar_cell	<i>DRAM1</i>	-0.005433116	0.021572055	0.356301373	1
T2DM	acinar_cell	<i>PRDM4</i>	0.001914897	0.013100521	0.271408396	1
T2DM	acinar_cell	<i>WSCD2</i>	-0.008509491	0.03876096	0.45598978	1
T2DM	acinar_cell	<i>TBX3</i>	-0.003547207	0.005180658	0.174137626	1
T2DM	acinar_cell	<i>VSIG10</i>	-0.004670673	0.036170384	0.445863383	1
T2DM	acinar_cell	<i>COQ5</i>	-0.006278356	0.013699966	0.275546095	1
T2DM	acinar_cell	<i>TMED2</i>	-0.001301653	0.008293989	0.208240346	1
T2DM	acinar_cell	<i>ATP12A</i>	-0.023761922	0.001592336	0.09928212	1
T2DM	acinar_cell	<i>MTMR6</i>	-0.00474447	0.00607806	0.186377229	1
T2DM	acinar_cell	<i>WASF3</i>	-0.00538479	0.001815748	0.104131834	1
T2DM	acinar_cell	<i>DNAJC3</i>	-0.00076313	0.026141363	0.386540862	1
T2DM	acinar_cell	<i>PRMT5</i>	0.008211557	0.016629637	0.313500321	1
T2DM	acinar_cell	<i>PAX9</i>	-0.095859113	0.000197274	0.041000076	0.738001374
T2DM	acinar_cell	<i>BMP4</i>	-0.004702674	0.008385806	0.209142001	1
T2DM	acinar_cell	<i>RHOJ</i>	0.00415949	0.030789215	0.415556754	1
T2DM	acinar_cell	<i>ZBTB1</i>	-0.004611534	0.023116317	0.369564705	1
T2DM	acinar_cell	<i>PLEK2</i>	-0.012350923	0.047469718	0.486532098	1
T2DM	acinar_cell	<i>ZC2HC1C</i>	-0.004057379	0.018171316	0.324667115	1
T2DM	acinar_cell	<i>ESRRB</i>	0.046523526	0.000347382	0.050643754	1
T2DM	acinar_cell	<i>GSTZ1</i>	-0.005475637	0.014231533	0.28286775	1
T2DM	acinar_cell	<i>BCL11B</i>	-0.008093921	0.046480658	0.483011503	1
T2DM	acinar_cell	<i>AVEN</i>	-0.004056167	0.031936509	0.420488453	1
T2DM	acinar_cell	<i>KNSTRN</i>	-0.007687915	0.001228634	0.088390778	1
T2DM	acinar_cell	<i>TUBGCP4</i>	-0.003272842	0.045013141	0.479012413	1
T2DM	acinar_cell	<i>ELL3</i>	-0.010835453	0.017910366	0.324667115	1
T2DM	acinar_cell	<i>SERF2</i>	-0.000603449	0.003116223	0.14392334	1
T2DM	acinar_cell	<i>ATP8B4</i>	-0.032766833	1.61E-05	0.007534931	0.060279452
T2DM	acinar_cell	<i>USP8</i>	-0.001825859	0.002304312	0.116492314	1
T2DM	acinar_cell	<i>TPM1</i>	-0.000527881	0.04552168	0.479012413	1
T2DM	acinar_cell	<i>SPG21</i>	0.002048586	0.003613095	0.151871782	1
T2DM	acinar_cell	<i>CELF6</i>	0.002837027	0.029945067	0.415556754	1
T2DM	acinar_cell	<i>SCAPER</i>	-0.00212554	0.024210586	0.378238852	1
T2DM	acinar_cell	<i>IDH2</i>	-0.004576282	0.00070962	0.068065897	1
T2DM	acinar_cell	<i>SV2B</i>	-0.006549373	0.005910522	0.184260527	1
T2DM	acinar_cell	<i>LRRK1</i>	0.004875531	0.016883141	0.313500321	1
T2DM	acinar_cell	<i>CCDC78</i>	0.016370583	0.018802381	0.328690228	1

T2DM	acinar_cell	<i>FAHDI</i>	0.006225621	0.000778225	0.069317614	1
T2DM	acinar_cell	<i>SYNGR3</i>	-0.010672022	0.020056788	0.341056556	1
T2DM	acinar_cell	<i>SULT1A1</i>	-0.006109802	0.049361216	0.493919662	1
T2DM	acinar_cell	<i>EIF3C</i>	0.004081149	0.013686192	0.275546095	1
T2DM	acinar_cell	<i>COX6A2</i>	-0.015371239	0.00731397	0.204190763	1
T2DM	acinar_cell	<i>ACSF3</i>	-0.0021179	0.03903694	0.45779684	1
T2DM	acinar_cell	<i>DBNDD1</i>	-0.006720948	0.016678978	0.313500321	1
T2DM	acinar_cell	<i>C17orf97</i>	-0.004429139	0.007084173	0.200771908	1
T2DM	acinar_cell	<i>SLC43A2</i>	-0.003251662	0.036855948	0.447656176	1
T2DM	acinar_cell	<i>SRR</i>	-0.005820854	0.004962282	0.172677776	1
T2DM	acinar_cell	<i>CDRT15</i>	-0.04441362	0.001074993	0.082972536	1
T2DM	acinar_cell	<i>TRIM16</i>	0.004593602	0.00469691	0.172677776	1
T2DM	acinar_cell	<i>FAM106A</i>	-0.00801586	0.01258628	0.26885796	1
T2DM	acinar_cell	<i>TRIM16L</i>	-0.024025738	0.003419538	0.1484091	1
T2DM	acinar_cell	<i>USP22</i>	-0.002004109	0.003297033	0.145108259	1
T2DM	acinar_cell	<i>MYO18A</i>	0.003686435	0.025484689	0.382530477	1
T2DM	acinar_cell	<i>CRLF3</i>	-0.003140966	0.017917592	0.324667115	1
T2DM	acinar_cell	<i>SLFN12</i>	-0.018901033	0.020365076	0.342625653	1
T2DM	acinar_cell	<i>DHRS11</i>	-0.005554595	0.001681586	0.101464738	1
T2DM	acinar_cell	<i>NBR2</i>	-0.005652455	0.030954944	0.415556754	1
T2DM	acinar_cell	<i>ACBD4</i>	-0.006272562	0.012618743	0.26885796	1
T2DM	acinar_cell	<i>LRRC37A2</i>	-0.016347414	0.00866082	0.211765548	1
T2DM	acinar_cell	<i>COX11</i>	-0.001301343	0.003202142	0.145108259	1
T2DM	acinar_cell	<i>PPM1E</i>	-0.008962916	0.033729227	0.431641813	1
T2DM	acinar_cell	<i>RPS6KB1</i>	-0.001851023	0.003268868	0.145108259	1
T2DM	acinar_cell	<i>MAP3K3</i>	-0.001508596	0.033337878	0.428979001	1
T2DM	acinar_cell	<i>LIMD2</i>	0.006634026	0.005031242	0.172677776	1
T2DM	acinar_cell	<i>CCDC47</i>	-0.001688579	0.001019814	0.081172866	1
T2DM	acinar_cell	<i>FTSJ3</i>	-0.005352187	0.000573315	0.068065897	1
T2DM	acinar_cell	<i>PSMC5</i>	-0.001445568	0.000551911	0.068065897	1
T2DM	acinar_cell	<i>SMARCD2</i>	-0.00623137	0.00029777	0.050197604	1
T2DM	acinar_cell	<i>MILR1</i>	0.013283495	0.000767587	0.069317614	1
T2DM	acinar_cell	<i>TEN1</i>	-0.005888462	0.005648409	0.182518238	1
T2DM	acinar_cell	<i>CDK3</i>	-0.008708192	0.006578155	0.192580721	1
T2DM	acinar_cell	<i>EVPL</i>	0.017801055	0.045385461	0.479012413	1
T2DM	acinar_cell	<i>TIMP2</i>	0.001318719	0.04538766	0.479012413	1
T2DM	acinar_cell	<i>CCDC40</i>	-0.008636401	0.004698983	0.172677776	1
T2DM	acinar_cell	<i>LINC00667</i>	-0.001032165	0.03555223	0.443336304	1
T2DM	acinar_cell	<i>LINC00668</i>	-0.041555789	0.030816356	0.415556754	1
T2DM	acinar_cell	<i>NAPG</i>	-0.002328184	0.018311885	0.324667115	1
T2DM	acinar_cell	<i>NPC1</i>	-0.003409746	8.54E-05	0.029029401	0.319323407
T2DM	acinar_cell	<i>MAPRE2</i>	0.003478385	0.045255551	0.479012413	1
T2DM	acinar_cell	<i>MRO</i>	-0.018216849	0.035916796	0.445863383	1
T2DM	acinar_cell	<i>TXNL4A</i>	0.001137219	0.025541962	0.382530477	1
T2DM	acinar_cell	<i>TLE6</i>	-0.014762883	0.044902357	0.479012413	1
T2DM	acinar_cell	<i>GNAI5</i>	-0.023949729	0.001390038	0.092859494	1
T2DM	acinar_cell	<i>SLC25A41</i>	0.04322204	0.00032327	0.050389668	1
T2DM	acinar_cell	<i>PNPLA6</i>	-0.003663575	0.049378763	0.493919662	1
T2DM	acinar_cell	<i>MRPL34</i>	-0.001618249	0.006541149	0.192580721	1
T2DM	acinar_cell	<i>ZNF738</i>	-0.005115909	0.022357721	0.363238972	1
T2DM	acinar_cell	<i>LRP3</i>	-0.011254072	0.003475425	0.1484091	1
T2DM	acinar_cell	<i>UPK1A</i>	-0.031700633	0.018249114	0.324667115	1
T2DM	acinar_cell	<i>IGFLR1</i>	-0.006288291	0.025563384	0.382530477	1
T2DM	acinar_cell	<i>ZNF527</i>	-0.013091666	0.014366445	0.28286775	1
T2DM	acinar_cell	<i>PAK4</i>	0.002499424	0.043482462	0.478676852	1
T2DM	acinar_cell	<i>SYCN</i>	0.000551334	0.022805377	0.36773671	1

T2DM	acinar_cell	<i>RAB4B</i>	0.004154658	0.043300272	0.478676852	1
T2DM	acinar_cell	<i>CXCL17</i>	-0.014601075	0.000808623	0.070350215	1
T2DM	acinar_cell	<i>FUT2</i>	0.01190572	0.022429351	0.363238972	1
T2DM	acinar_cell	<i>KLK11</i>	-0.011458651	0.013963554	0.279345755	1
T2DM	acinar_cell	<i>ZNF816</i>	-0.006036914	0.002989081	0.139776921	1
T2DM	acinar_cell	<i>ZNF415</i>	-0.006376507	0.010080822	0.231364145	1
T2DM	acinar_cell	<i>LILRB3</i>	-0.014302461	0.016830638	0.313500321	1
T2DM	acinar_cell	<i>DNAAF3</i>	-0.008524744	0.002520079	0.121410507	1
T2DM	acinar_cell	<i>SYT5</i>	-0.002432842	0.025411453	0.382530477	1
T2DM	acinar_cell	<i>RPL28</i>	-0.000284344	0.040150628	0.465842558	1
T2DM	acinar_cell	<i>ZNF304</i>	0.00302468	0.034866699	0.442733179	1
T2DM	acinar_cell	<i>ZNF211</i>	-0.002923053	0.031541293	0.418425453	1
T2DM	acinar_cell	<i>ZNF343</i>	-0.009112154	0.035371742	0.443308458	1
T2DM	acinar_cell	<i>OXT</i>	-0.012862456	0.028765236	0.409166348	1
T2DM	acinar_cell	<i>APMAP</i>	-0.003631965	0.000283348	0.050197604	1
T2DM	acinar_cell	<i>ENTPD6</i>	-0.002886019	0.030958003	0.415556754	1
T2DM	acinar_cell	<i>PYGB</i>	-0.003570082	0.037176327	0.449468271	1
T2DM	acinar_cell	<i>FAM182B</i>	-0.043106446	0.011113423	0.246007785	1
T2DM	acinar_cell	<i>MAPRE1</i>	-0.002148419	0.000659052	0.068065897	1
T2DM	acinar_cell	<i>MYH7B</i>	0.026820901	0.00704524	0.200771908	1
T2DM	acinar_cell	<i>BCAS4</i>	-0.003731232	0.044181969	0.479012413	1
T2DM	acinar_cell	<i>MTG2</i>	-0.005026586	0.000308619	0.050197604	1
T2DM	acinar_cell	<i>ARFRP1</i>	-0.008901478	0.008047578	0.206151553	1
T2DM	acinar_cell	<i>LIME1</i>	0.011391911	0.007550424	0.206151553	1
T2DM	acinar_cell	<i>SETD4</i>	0.0043315	0.010215223	0.233019193	1
T2DM	acinar_cell	<i>HMGNI</i>	-0.000511449	0.036792345	0.447656176	1
T2DM	acinar_cell	<i>ABCG1</i>	-0.003795622	0.006007887	0.185747975	1
T2DM	acinar_cell	<i>LINC00528</i>	-0.01985682	0.016907969	0.313500321	1
T2DM	acinar_cell	<i>ARVCF</i>	-0.003539779	0.048724471	0.492264887	1
T2DM	acinar_cell	<i>SLC2A11</i>	0.007722756	0.014347123	0.28286775	1
T2DM	acinar_cell	<i>SPECC1L</i>	0.003421229	0.044922305	0.479012413	1
T2DM	acinar_cell	<i>UQCRI0</i>	-0.000970513	0.001296111	0.091485847	1
T2DM	acinar_cell	<i>FOXRED2</i>	0.007991211	0.000666336	0.068065897	1
T2DM	acinar_cell	<i>CIQTNF6</i>	-0.010723626	0.009570501	0.226602802	1
T2DM	acinar_cell	<i>XPNPEP3</i>	-0.002634798	0.008100582	0.206151553	1
T2DM	acinar_cell	<i>TOB2</i>	-0.002794834	0.025814022	0.384742053	1
T2DM	acinar_cell	<i>CCDC134</i>	-0.008582333	0.044432676	0.479012413	1
T2DM	acinar_cell	<i>A4GALT</i>	-0.002466565	0.047745613	0.488022779	1
T2DM	acinar_cell	<i>TTLL12</i>	-0.008467466	2.49E-06	0.003105532	0.009316595
T2DM	acinar_cell	<i>FAM118A</i>	-0.002369788	0.004386043	0.172677776	1
T2DM	acinar_cell	<i>MIOX</i>	0.024331007	2.60E-05	0.010787718	0.097089466
T2DM	alpha_cell	<i>ATAD3A</i>	-0.00457044	0.034383756	0.345643049	1
T2DM	alpha_cell	<i>VAMP3</i>	-0.001540821	0.001981835	0.081775569	1
T2DM	alpha_cell	<i>PARK7</i>	-0.000780175	0.016947883	0.260848161	1
T2DM	alpha_cell	<i>MFAP2</i>	-0.00679718	0.038811062	0.363890184	1
T2DM	alpha_cell	<i>OTUD3</i>	0.004023883	0.008638478	0.189816862	1
T2DM	alpha_cell	<i>CDA</i>	0.013829284	0.006185613	0.161400857	1
T2DM	alpha_cell	<i>PAFAH2</i>	0.004616858	0.003468898	0.113834642	1
T2DM	alpha_cell	<i>EXTL1</i>	0.060045365	9.78E-05	0.017912305	0.365850292
T2DM	alpha_cell	<i>TRIM63</i>	0.018420749	0.000293902	0.025569439	1
T2DM	alpha_cell	<i>CSMD2</i>	-0.023745904	0.00010055	0.017912305	0.376158409
T2DM	alpha_cell	<i>MTF1</i>	-0.004574794	0.014200939	0.240387836	1
T2DM	alpha_cell	<i>COL9A2</i>	-0.003682058	0.000544797	0.040761696	1
T2DM	alpha_cell	<i>CTPS1</i>	-0.004760804	0.022840564	0.29582366	1
T2DM	alpha_cell	<i>EPSI5</i>	-0.00324299	0.000224744	0.024622454	0.840767542
T2DM	alpha_cell	<i>PRPF38A</i>	0.00233346	0.00018398	0.022402159	0.68826871

T2DM	alpha_cell	<i>GPX7</i>	0.004157512	0.02727734	0.314530292	1
T2DM	alpha_cell	<i>HHLA3</i>	-0.007500036	0.0141745	0.240387836	1
T2DM	alpha_cell	<i>TNNI3K</i>	0.027137168	0.001731027	0.077437009	1
T2DM	alpha_cell	<i>GNG5</i>	-0.000780001	0.012393479	0.223298854	1
T2DM	alpha_cell	<i>TMED5</i>	-0.001675096	0.0044624	0.130420616	1
T2DM	alpha_cell	<i>SLC25A24</i>	-0.00267646	0.00645621	0.16430395	1
T2DM	alpha_cell	<i>DRAM2</i>	-0.001694276	0.027922235	0.318466711	1
T2DM	alpha_cell	<i>CEPT1</i>	-0.00455093	0.012824072	0.223298854	1
T2DM	alpha_cell	<i>ST7L</i>	-0.003843875	0.016936096	0.260848161	1
T2DM	alpha_cell	<i>PIAS3</i>	-0.005004803	0.009242884	0.194604626	1
T2DM	alpha_cell	<i>NBPF14</i>	-0.014743235	0.000368754	0.03135247	1
T2DM	alpha_cell	<i>S100A1</i>	-0.009899376	0.000624516	0.044664686	1
T2DM	alpha_cell	<i>Clorf112</i>	-0.009241933	0.020414584	0.284551602	1
T2DM	alpha_cell	<i>ANGPTL1</i>	-0.00683033	0.034555066	0.345643049	1
T2DM	alpha_cell	<i>EDEM3</i>	-0.003385336	0.010533458	0.207657013	1
T2DM	alpha_cell	<i>NUAK2</i>	0.008730695	0.031395912	0.337395475	1
T2DM	alpha_cell	<i>ANGEL2</i>	-0.002805338	0.046387725	0.391730204	1
T2DM	alpha_cell	<i>MARK1</i>	-0.003806143	0.026340186	0.31381731	1
T2DM	alpha_cell	<i>SRP9</i>	-0.00111083	0.016741088	0.260848161	1
T2DM	alpha_cell	<i>ZNF678</i>	-0.007271247	0.011309097	0.215853734	1
T2DM	alpha_cell	<i>KRTCAP3</i>	0.003173161	0.00025834	0.024622454	0.966450551
T2DM	alpha_cell	<i>CEBPZ</i>	-0.001695787	0.003991796	0.123548025	1
T2DM	alpha_cell	<i>CLHC1</i>	0.004519566	0.034081026	0.344586808	1
T2DM	alpha_cell	<i>BCL11A</i>	-0.009166309	0.012833267	0.223298854	1
T2DM	alpha_cell	<i>TPRKB</i>	-0.001808779	0.010657617	0.207657013	1
T2DM	alpha_cell	<i>IMMT</i>	-0.002686521	0.00480909	0.138414122	1
T2DM	alpha_cell	<i>REEP1</i>	-0.006826063	0.014800929	0.243921917	1
T2DM	alpha_cell	<i>CHMP3</i>	0.001323001	0.041112567	0.372889078	1
T2DM	alpha_cell	<i>ZNF514</i>	-0.004255999	0.032887146	0.342606185	1
T2DM	alpha_cell	<i>ZAP70</i>	0.02984716	0.021311179	0.287816315	1
T2DM	alpha_cell	<i>AFF3</i>	-0.009088569	0.00088327	0.055071899	1
T2DM	alpha_cell	<i>IL18R1</i>	-0.00858571	0.02533588	0.306736332	1
T2DM	alpha_cell	<i>LIMS1</i>	-0.00136176	0.039512459	0.365881461	1
T2DM	alpha_cell	<i>MERTK</i>	-0.006791846	0.001694362	0.07730009	1
T2DM	alpha_cell	<i>ERCC3</i>	-0.002983582	0.033382745	0.342606185	1
T2DM	alpha_cell	<i>ACVR2A</i>	0.0040999	0.001038247	0.057971401	1
T2DM	alpha_cell	<i>DPP4</i>	-0.005279712	0.020420874	0.284551602	1
T2DM	alpha_cell	<i>SLC38A11</i>	-0.014587972	0.017237668	0.262138688	1
T2DM	alpha_cell	<i>SPC25</i>	-0.007345455	0.001575799	0.074030906	1
T2DM	alpha_cell	<i>GAD1</i>	0.006850316	0.042843526	0.378872661	1
T2DM	alpha_cell	<i>CWC22</i>	-0.003829083	1.08E-06	0.002011202	0.004022405
T2DM	alpha_cell	<i>PMS1</i>	0.005779619	0.018072693	0.269311516	1
T2DM	alpha_cell	<i>HIBCH</i>	0.004376469	0.008953373	0.194604626	1
T2DM	alpha_cell	<i>GTF3C3</i>	-0.003556261	0.025882749	0.310344118	1
T2DM	alpha_cell	<i>ANKRD44</i>	-0.008231742	0.015692011	0.253033675	1
T2DM	alpha_cell	<i>BARD1</i>	0.012351649	0.002875391	0.103431122	1
T2DM	alpha_cell	<i>SLC23A3</i>	-0.029425799	0.009146076	0.194604626	1
T2DM	alpha_cell	<i>COL4A3</i>	-0.019589843	0.027296052	0.314530292	1
T2DM	alpha_cell	<i>ARMC9</i>	-0.001993594	0.039115924	0.364790179	1
T2DM	alpha_cell	<i>UBE2F</i>	-0.003621587	0.014686089	0.243100254	1
T2DM	alpha_cell	<i>ESPNL</i>	-0.043236992	0.000430295	0.034994172	1
T2DM	alpha_cell	<i>TRAF3IP1</i>	0.001894637	0.02456783	0.30332756	1
T2DM	alpha_cell	<i>THUMPD3</i>	-0.001730024	0.032478998	0.341274132	1
T2DM	alpha_cell	<i>GALNT15</i>	-0.016959916	0.020964462	0.286988676	1
T2DM	alpha_cell	<i>MLH1</i>	-0.005826236	0.022136974	0.293668161	1
T2DM	alpha_cell	<i>ZNF197</i>	-0.003277294	0.012822494	0.223298854	1

T2DM	alpha_cell	<i>EXOSC7</i>	-0.004359943	0.021225689	0.287816315	1
T2DM	alpha_cell	<i>LTF</i>	-0.018571104	0.000279628	0.024906847	1
T2DM	alpha_cell	<i>IL17RD</i>	0.00892144	0.02817241	0.319372154	1
T2DM	alpha_cell	<i>PRICKLE2</i>	-0.004971255	0.012571855	0.223298854	1
T2DM	alpha_cell	<i>RYBP</i>	-0.002101774	0.025001504	0.304831406	1
T2DM	alpha_cell	<i>ZNF717</i>	0.003342588	4.88E-05	0.012636803	0.182376903
T2DM	alpha_cell	<i>GAP43</i>	-0.017935252	0.000185637	0.022402159	0.694466917
T2DM	alpha_cell	<i>POGLUT1</i>	-0.009453152	0.001819502	0.078879198	1
T2DM	alpha_cell	<i>WDR5B</i>	-0.006269218	0.030536423	0.332083598	1
T2DM	alpha_cell	<i>NEK11</i>	-0.008300164	0.004178915	0.126075171	1
T2DM	alpha_cell	<i>ANAPC13</i>	-0.001852602	0.007477576	0.174108107	1
T2DM	alpha_cell	<i>CEP63</i>	-0.003619006	0.003467544	0.113834642	1
T2DM	alpha_cell	<i>RBP1</i>	-0.000507922	0.028542282	0.319372154	1
T2DM	alpha_cell	<i>TM4SF18</i>	0.002944581	0.033099325	0.342606185	1
T2DM	alpha_cell	<i>SHOX2</i>	-0.03655532	0.000952962	0.056587783	1
T2DM	alpha_cell	<i>MRPL47</i>	-0.001821061	9.10E-06	0.003780508	0.034024574
T2DM	alpha_cell	<i>EPHB3</i>	-0.011551515	0.028634191	0.319372154	1
T2DM	alpha_cell	<i>LSG1</i>	0.003940997	0.004885289	0.138453531	1
T2DM	alpha_cell	<i>DLG1</i>	0.002769185	0.018718472	0.274610995	1
T2DM	alpha_cell	<i>UVSSA</i>	-0.003828927	0.039917731	0.366909658	1
T2DM	alpha_cell	<i>LDB2</i>	-0.004657217	0.014651842	0.243100254	1
T2DM	alpha_cell	<i>N4BP2</i>	-0.004046583	1.11E-05	0.004134685	0.041346854
T2DM	alpha_cell	<i>CNGA1</i>	-0.013193748	0.026802841	0.314530292	1
T2DM	alpha_cell	<i>OCIAD1</i>	-0.002255649	0.000117055	0.018235761	0.437902776
T2DM	alpha_cell	<i>ARL9</i>	-0.00693122	0.027543934	0.316079314	1
T2DM	alpha_cell	<i>CXCL3</i>	-0.003390398	0.040655467	0.370352137	1
T2DM	alpha_cell	<i>BTC</i>	-0.020589254	0.001386189	0.070077475	1
T2DM	alpha_cell	<i>ART3</i>	-0.026301089	0.002011054	0.081775569	1
T2DM	alpha_cell	<i>CXCL11</i>	0.03241104	0.019258236	0.278166255	1
T2DM	alpha_cell	<i>ANXA3</i>	-0.005127658	0.001738762	0.077437009	1
T2DM	alpha_cell	<i>MAPK10</i>	-0.003672568	0.00536355	0.147537069	1
T2DM	alpha_cell	<i>HSD17B11</i>	0.001952097	0.047118203	0.397002693	1
T2DM	alpha_cell	<i>RAP1GDS1</i>	-0.00342246	0.032567459	0.341274132	1
T2DM	alpha_cell	<i>BDH2</i>	-0.004523176	0.042294982	0.377083549	1
T2DM	alpha_cell	<i>SNHG8</i>	-0.000761479	0.028428767	0.319372154	1
T2DM	alpha_cell	<i>PDLIM3</i>	-0.002307839	0.03651769	0.357624813	1
T2DM	alpha_cell	<i>FAM149A</i>	-0.005041443	0.017067078	0.260848161	1
T2DM	alpha_cell	<i>NPR3</i>	0.006396227	0.02001067	0.284551602	1
T2DM	alpha_cell	<i>ERCC8</i>	0.006170421	0.026464511	0.314297569	1
T2DM	alpha_cell	<i>MAP1B</i>	-0.000666449	0.000673324	0.045798297	1
T2DM	alpha_cell	<i>ERAP2</i>	-0.006662505	0.000968626	0.056619232	1
T2DM	alpha_cell	<i>NUDT12</i>	-0.002568996	0.02293652	0.29582366	1
T2DM	alpha_cell	<i>TMEM232</i>	0.008651658	0.009756492	0.196231376	1
T2DM	alpha_cell	<i>SRP19</i>	-0.000730027	0.045626787	0.388815055	1
T2DM	alpha_cell	<i>DCP2</i>	-0.00459917	0.001634016	0.075467353	1
T2DM	alpha_cell	<i>MCC</i>	0.002852385	0.030514835	0.332083598	1
T2DM	alpha_cell	<i>DTWD2</i>	-0.009041398	0.009408091	0.194604626	1
T2DM	alpha_cell	<i>DMXL1</i>	-0.004806764	0.022424796	0.294354951	1
T2DM	alpha_cell	<i>KLHL3</i>	0.002637971	0.021563935	0.288499843	1
T2DM	alpha_cell	<i>SRA1</i>	-0.003148639	0.009144209	0.194604626	1
T2DM	alpha_cell	<i>PCDHA5</i>	-0.016079919	0.011803016	0.223298854	1
T2DM	alpha_cell	<i>FBLL1</i>	-0.004432883	0.019111063	0.277605283	1
T2DM	alpha_cell	<i>DOK3</i>	0.01383714	0.009622408	0.194604626	1
T2DM	alpha_cell	<i>MRS2</i>	-0.005430564	0.010588015	0.207657013	1
T2DM	alpha_cell	<i>ZFP57</i>	0.012627045	0.038792586	0.363890184	1
T2DM	alpha_cell	<i>VAR52</i>	-0.006356095	0.024017371	0.300498274	1

T2DM	alpha_cell	<i>MICA</i>	-0.003836969	0.044252079	0.383383989	1
T2DM	alpha_cell	<i>HMGAI</i>	0.001164425	0.002396124	0.09146835	1
T2DM	alpha_cell	<i>SNRPC</i>	-0.001221896	0.038238827	0.362155578	1
T2DM	alpha_cell	<i>MTCHI</i>	-0.001150847	0.048917601	0.404868903	1
T2DM	alpha_cell	<i>GLP1R</i>	-0.010447313	0.039757647	0.366617759	1
T2DM	alpha_cell	<i>KCNK17</i>	-0.008100955	0.00274136	0.100543411	1
T2DM	alpha_cell	<i>KIF6</i>	-0.030278214	0.001361676	0.069781246	1
T2DM	alpha_cell	<i>PGC</i>	0.008902649	0.027060241	0.314530292	1
T2DM	alpha_cell	<i>MRPS10</i>	-0.00251928	0.022826447	0.29582366	1
T2DM	alpha_cell	<i>GCLC</i>	-0.002844973	0.023234094	0.296651004	1
T2DM	alpha_cell	<i>LRRC1</i>	0.002580849	0.03760919	0.359659327	1
T2DM	alpha_cell	<i>FAM83B</i>	-0.009427238	0.037817202	0.359985118	1
T2DM	alpha_cell	<i>B3GAT2</i>	-0.008025593	0.003664252	0.117162095	1
T2DM	alpha_cell	<i>SLC17A5</i>	0.001786152	0.006773904	0.169713502	1
T2DM	alpha_cell	<i>SRSF12</i>	-0.010685601	0.00070898	0.047362391	1
T2DM	alpha_cell	<i>FUT9</i>	-0.057788008	0.020547655	0.284551602	1
T2DM	alpha_cell	<i>DDO</i>	-0.022393353	0.037590113	0.359659327	1
T2DM	alpha_cell	<i>REV3L</i>	-0.001879007	0.031221388	0.336597152	1
T2DM	alpha_cell	<i>FRK</i>	-0.003384822	0.011121391	0.213359608	1
T2DM	alpha_cell	<i>NUS1</i>	-0.001193324	0.010778356	0.208454158	1
T2DM	alpha_cell	<i>HEY2</i>	0.006955792	0.047884254	0.398964351	1
T2DM	alpha_cell	<i>L3MBTL3</i>	-0.002643274	0.037686837	0.359659327	1
T2DM	alpha_cell	<i>MTRF1L</i>	-0.001249309	0.039199586	0.364790179	1
T2DM	alpha_cell	<i>TULP4</i>	0.002599887	0.000945753	0.056587783	1
T2DM	alpha_cell	<i>EZR</i>	-0.00083979	0.03322691	0.342606185	1
T2DM	alpha_cell	<i>WTAP</i>	-0.003774859	4.40E-06	0.003241032	0.016458449
T2DM	alpha_cell	<i>CYP2W1</i>	0.046067291	0.018361986	0.270690754	1
T2DM	alpha_cell	<i>SDK1</i>	-0.003576137	0.039010957	0.364790179	1
T2DM	alpha_cell	<i>VWDE</i>	-0.002956617	0.045436558	0.388077997	1
T2DM	alpha_cell	<i>CPVL</i>	-0.005199394	0.001992241	0.081775569	1
T2DM	alpha_cell	<i>DPY19L1</i>	-0.004752726	0.008350828	0.187068544	1
T2DM	alpha_cell	<i>BLVRA</i>	-0.001966178	0.001581074	0.074030906	1
T2DM	alpha_cell	<i>ABCA13</i>	0.017368504	0.036782845	0.358978312	1
T2DM	alpha_cell	<i>ZNF107</i>	-0.008626175	0.000244076	0.024622454	0.913087245
T2DM	alpha_cell	<i>ZNF273</i>	-0.004179296	0.016692483	0.260848161	1
T2DM	alpha_cell	<i>MLXIPL</i>	-0.005448538	0.000172338	0.022402159	0.644717525
T2DM	alpha_cell	<i>STYXL1</i>	-0.009723867	0.043974959	0.383383989	1
T2DM	alpha_cell	<i>PONI</i>	0.007337835	0.015763135	0.253089648	1
T2DM	alpha_cell	<i>ASB4</i>	0.011266457	0.037118378	0.358978312	1
T2DM	alpha_cell	<i>SLC25A13</i>	-0.00154581	0.036876026	0.358978312	1
T2DM	alpha_cell	<i>LMTK2</i>	0.002099409	0.038442009	0.362699918	1
T2DM	alpha_cell	<i>SAP25</i>	-0.009311391	0.045170001	0.387571045	1
T2DM	alpha_cell	<i>NAT16</i>	-0.003082664	0.021019753	0.286988676	1
T2DM	alpha_cell	<i>RASA4B</i>	-0.028577917	0.001189954	0.062698863	1
T2DM	alpha_cell	<i>POLR2J2</i>	-0.005706189	0.01051177	0.207657013	1
T2DM	alpha_cell	<i>CADPS2</i>	-0.006338261	0.000255135	0.024622454	0.954461757
T2DM	alpha_cell	<i>SLC37A3</i>	0.002638339	0.020932664	0.286988676	1
T2DM	alpha_cell	<i>LINC01003</i>	-0.002155239	0.027324872	0.314530292	1
T2DM	alpha_cell	<i>DPP6</i>	-0.003963149	0.008575861	0.189816862	1
T2DM	alpha_cell	<i>CSGALNACT1</i>	-0.00426442	0.043751146	0.382413638	1
T2DM	alpha_cell	<i>PEBP4</i>	-0.010488899	0.033755905	0.342606185	1
T2DM	alpha_cell	<i>STAR</i>	-0.018285522	0.001583126	0.074030906	1
T2DM	alpha_cell	<i>ADAM9</i>	-0.002244796	0.029670364	0.327424286	1
T2DM	alpha_cell	<i>GGH</i>	-0.005235275	0.020341924	0.284551602	1
T2DM	alpha_cell	<i>XKR9</i>	-0.021756219	0.007204611	0.171671647	1
T2DM	alpha_cell	<i>PEX2</i>	-0.001548054	0.012209665	0.223298854	1

T2DM	alpha_cell	<i>TPD52</i>	-0.002179777	0.000539767	0.040761696	1
T2DM	alpha_cell	<i>RMDN1</i>	-0.002828419	0.029262925	0.323883434	1
T2DM	alpha_cell	<i>MMP16</i>	-0.00527303	0.012542204	0.223298854	1
T2DM	alpha_cell	<i>YWHAZ</i>	-0.000923726	0.02491054	0.304831406	1
T2DM	alpha_cell	<i>MED30</i>	-0.003423365	0.032336821	0.341274132	1
T2DM	alpha_cell	<i>SAMD12</i>	0.003081267	0.039787974	0.366617759	1
T2DM	alpha_cell	<i>DEPTOR</i>	0.006079074	0.014974545	0.244089324	1
T2DM	alpha_cell	<i>ST3GAL1</i>	-0.004521717	0.028360222	0.319372154	1
T2DM	alpha_cell	<i>LYNX1</i>	-0.015511563	0.009623592	0.194604626	1
T2DM	alpha_cell	<i>RPL8</i>	-0.000272888	0.042940927	0.378872661	1
T2DM	alpha_cell	<i>DOCK8</i>	-0.005560592	0.037231645	0.358978312	1
T2DM	alpha_cell	<i>ERMP1</i>	-0.014092291	0.002076124	0.083513751	1
T2DM	alpha_cell	<i>PTPRD</i>	0.007604995	0.001347107	0.069781246	1
T2DM	alpha_cell	<i>MPDZ</i>	-0.007095549	0.018378896	0.270690754	1
T2DM	alpha_cell	<i>SMU1</i>	-0.003195126	0.041676446	0.376598027	1
T2DM	alpha_cell	<i>NFX1</i>	0.003247393	7.32E-05	0.015340324	0.273978278
T2DM	alpha_cell	<i>RPP25L</i>	0.004231845	0.003427401	0.113834642	1
T2DM	alpha_cell	<i>IL11RA</i>	0.006562508	0.004317336	0.128705992	1
T2DM	alpha_cell	<i>GRHPR</i>	-0.00262066	0.000119914	0.018235761	0.448597252
T2DM	alpha_cell	<i>C9orf64</i>	-0.005351071	0.034189768	0.344754511	1
T2DM	alpha_cell	<i>TXN</i>	-0.001175932	0.0018344	0.078879198	1
T2DM	alpha_cell	<i>ZNF483</i>	-0.001455933	0.023655513	0.298744899	1
T2DM	alpha_cell	<i>ZFP37</i>	-0.008803805	0.007493025	0.174108107	1
T2DM	alpha_cell	<i>CDC26</i>	-0.002150496	0.040572693	0.370352137	1
T2DM	alpha_cell	<i>CDK9</i>	-0.003180253	0.023457623	0.297474467	1
T2DM	alpha_cell	<i>ENDOG</i>	-0.002327036	0.022416863	0.294354951	1
T2DM	alpha_cell	<i>SURF6</i>	-0.001867759	0.022654092	0.29582366	1
T2DM	alpha_cell	<i>SLC2A6</i>	-0.006249706	0.016589149	0.260756333	1
T2DM	alpha_cell	<i>UBAC1</i>	-0.002545759	0.031855347	0.338553558	1
T2DM	alpha_cell	<i>LCN12</i>	-0.012511749	0.000951602	0.056587783	1
T2DM	alpha_cell	<i>ENTPD8</i>	0.015676503	0.00920494	0.194604626	1
T2DM	alpha_cell	<i>AKRIC2</i>	-0.004870605	0.036437525	0.357624813	1
T2DM	alpha_cell	<i>TMEM236</i>	-0.00688734	0.004334925	0.128705992	1
T2DM	alpha_cell	<i>NSUN6</i>	-0.003840376	0.029890774	0.328886425	1
T2DM	alpha_cell	<i>ACBD5</i>	-0.001652	0.019145192	0.277605283	1
T2DM	alpha_cell	<i>ARHGAP12</i>	0.004448911	0.000250916	0.024622454	0.93867666
T2DM	alpha_cell	<i>ALOX5</i>	-0.004393306	0.016051059	0.256470803	1
T2DM	alpha_cell	<i>PHYHIPL</i>	-0.00493271	0.006233937	0.161400857	1
T2DM	alpha_cell	<i>MYPN</i>	-0.020826464	0.040688246	0.370352137	1
T2DM	alpha_cell	<i>ATOH7</i>	-0.013654859	0.02452767	0.30332756	1
T2DM	alpha_cell	<i>DNA2</i>	-0.007749664	0.047355296	0.397774807	1
T2DM	alpha_cell	<i>STOX1</i>	0.008709524	0.023797375	0.298744899	1
T2DM	alpha_cell	<i>PPA1</i>	-0.000834412	0.035604239	0.353984436	1
T2DM	alpha_cell	<i>LDB3</i>	-0.011206837	0.002982644	0.104596086	1
T2DM	alpha_cell	<i>GLUD1</i>	-0.002296288	0.015673347	0.253033675	1
T2DM	alpha_cell	<i>PTEN</i>	-0.000860331	0.020586314	0.284551602	1
T2DM	alpha_cell	<i>FFAR4</i>	0.005787438	0.008224526	0.187068544	1
T2DM	alpha_cell	<i>BTRC</i>	0.004971171	0.003045927	0.105507518	1
T2DM	alpha_cell	<i>ARL3</i>	-0.001819246	0.035956719	0.353984436	1
T2DM	alpha_cell	<i>WBP1L</i>	0.009641122	0.000199185	0.023285977	0.745151266
T2DM	alpha_cell	<i>SMC3</i>	-0.002463066	0.005201476	0.145214343	1
T2DM	alpha_cell	<i>SFXN4</i>	-0.007082545	0.042016542	0.376939773	1
T2DM	alpha_cell	<i>WDR11</i>	-0.002785883	0.00564944	0.153148949	1
T2DM	alpha_cell	<i>RIC8A</i>	-0.004698577	0.012342314	0.223298854	1
T2DM	alpha_cell	<i>IFITM3</i>	-0.000837306	0.008286643	0.187068544	1
T2DM	alpha_cell	<i>CD151</i>	-0.000963764	0.023362645	0.29727774	1

T2DM	alpha_cell	<i>ZNF215</i>	0.035538246	8.14E-06	0.003780508	0.030444831
T2DM	alpha_cell	<i>ZNF143</i>	0.00499528	0.029157001	0.323668668	1
T2DM	alpha_cell	<i>AMPD3</i>	-0.005503566	0.004927101	0.138588609	1
T2DM	alpha_cell	<i>TPH1</i>	-0.013720301	0.022225985	0.293807106	1
T2DM	alpha_cell	<i>IGSF22</i>	-0.002189755	0.032392029	0.341274132	1
T2DM	alpha_cell	<i>ANO5</i>	-0.005724379	0.03362985	0.342606185	1
T2DM	alpha_cell	<i>ANO3</i>	-0.016405782	0.030254003	0.331851276	1
T2DM	alpha_cell	<i>APIP</i>	-0.002491064	0.027083549	0.314530292	1
T2DM	alpha_cell	<i>HSD17B12</i>	-0.001608315	0.021558614	0.288499843	1
T2DM	alpha_cell	<i>SMTNL1</i>	-0.03639173	0.023077271	0.29582366	1
T2DM	alpha_cell	<i>CDC42BPG</i>	-0.007465715	0.044560507	0.384990433	1
T2DM	alpha_cell	<i>IGHMBP2</i>	-0.004349775	0.010610696	0.207657013	1
T2DM	alpha_cell	<i>MRPL48</i>	-0.00530604	0.009519104	0.194604626	1
T2DM	alpha_cell	<i>PGM2L1</i>	-0.003495433	0.002302968	0.090085435	1
T2DM	alpha_cell	<i>TSKU</i>	-0.00404863	0.03589295	0.353984436	1
T2DM	alpha_cell	<i>C11orf54</i>	0.001707263	0.026937001	0.314530292	1
T2DM	alpha_cell	<i>CEP57</i>	0.001861467	0.028565438	0.319372154	1
T2DM	alpha_cell	<i>POU2F3</i>	0.008919605	0.043696783	0.382413638	1
T2DM	alpha_cell	<i>LTBR</i>	0.001260103	0.013591194	0.232911606	1
T2DM	alpha_cell	<i>TAPBPL</i>	-0.006215505	0.000653245	0.04525537	1
T2DM	alpha_cell	<i>FAM90A1</i>	0.013343437	0.033765595	0.342606185	1
T2DM	alpha_cell	<i>M6PR</i>	-0.002614499	0.012490101	0.223298854	1
T2DM	alpha_cell	<i>PRR4</i>	-0.00735687	0.037922385	0.360070159	1
T2DM	alpha_cell	<i>TAS2R14</i>	-0.014074474	0.017083079	0.260848161	1
T2DM	alpha_cell	<i>TAS2R20</i>	-0.03092162	0.017892154	0.267738189	1
T2DM	alpha_cell	<i>TAS2R31</i>	-0.012756518	5.20E-06	0.003241032	0.019446194
T2DM	alpha_cell	<i>TAS2R43</i>	-0.013815532	0.026600615	0.314530292	1
T2DM	alpha_cell	<i>GPRC5A</i>	-0.009064369	0.017610259	0.264578229	1
T2DM	alpha_cell	<i>RECQL</i>	-0.003379622	0.040648461	0.370352137	1
T2DM	alpha_cell	<i>KANSL2</i>	-0.003978657	0.004142761	0.126000561	1
T2DM	alpha_cell	<i>TFCP2</i>	-0.003991692	0.020355193	0.284551602	1
T2DM	alpha_cell	<i>METTL7B</i>	0.021833106	0.000853329	0.054196947	1
T2DM	alpha_cell	<i>RPS26</i>	-0.000414299	0.006314628	0.161801534	1
T2DM	alpha_cell	<i>SLC39A5</i>	0.006751181	0.000542713	0.040761696	1
T2DM	alpha_cell	<i>AVIL</i>	0.011038162	0.003980858	0.123548025	1
T2DM	alpha_cell	<i>MYRFL</i>	-0.032327172	0.016457055	0.259771484	1
T2DM	alpha_cell	<i>METAP2</i>	0.000901244	0.030852888	0.334552624	1
T2DM	alpha_cell	<i>SNRPF</i>	-0.001850837	0.02008061	0.284551602	1
T2DM	alpha_cell	<i>NT5DC3</i>	-0.00721632	0.014390462	0.2414113	1
T2DM	alpha_cell	<i>DTXI</i>	0.006222662	0.019595687	0.281951795	1
T2DM	alpha_cell	<i>PRKAB1</i>	-0.003680487	0.045845092	0.388903603	1
T2DM	alpha_cell	<i>GATC</i>	0.005128522	0.006763419	0.169713502	1
T2DM	alpha_cell	<i>DYNLL1</i>	-0.001829697	0.008676472	0.189816862	1
T2DM	alpha_cell	<i>COQ5</i>	-0.005736449	0.024173353	0.301441715	1
T2DM	alpha_cell	<i>POP5</i>	0.003243068	0.003506471	0.114067024	1
T2DM	alpha_cell	<i>SPPL3</i>	-0.002030572	0.048854033	0.404868903	1
T2DM	alpha_cell	<i>CLIP1</i>	-0.001825304	4.50E-05	0.012636803	0.168184526
T2DM	alpha_cell	<i>CDK2AP1</i>	-0.00182257	0.028684588	0.319372154	1
T2DM	alpha_cell	<i>PUS1</i>	-0.005690261	0.016162341	0.256470803	1
T2DM	alpha_cell	<i>ZNF605</i>	0.003693542	0.047833895	0.398964351	1
T2DM	alpha_cell	<i>ZNF10</i>	-0.005995646	1.42E-05	0.00483737	0.053211071
T2DM	alpha_cell	<i>FLT3</i>	-0.021536375	0.042463098	0.377196731	1
T2DM	alpha_cell	<i>RFC3</i>	-0.003653605	0.005261719	0.145808075	1
T2DM	alpha_cell	<i>SETDB2</i>	-0.005236756	0.00544201	0.148602625	1
T2DM	alpha_cell	<i>PROZ</i>	-0.037637787	0.00372289	0.118028246	1
T2DM	alpha_cell	<i>GRTP1</i>	-0.009534982	0.048147294	0.400264506	1

T2DM	alpha_cell	<i>CDC16</i>	0.003202838	0.001962643	0.081775569	1
T2DM	alpha_cell	<i>METTL17</i>	-0.002706498	0.025673117	0.308820352	1
T2DM	alpha_cell	<i>TSSK4</i>	-0.057648162	0.006110898	0.161400857	1
T2DM	alpha_cell	<i>NFATC4</i>	0.00565457	0.00084188	0.054196947	1
T2DM	alpha_cell	<i>SCFD1</i>	-0.002666607	0.022919804	0.29582366	1
T2DM	alpha_cell	<i>CDKL1</i>	-0.006942038	0.049096141	0.405449587	1
T2DM	alpha_cell	<i>TRIM9</i>	-0.002933905	0.032305867	0.341274132	1
T2DM	alpha_cell	<i>SPTB</i>	0.00287612	0.012122521	0.223298854	1
T2DM	alpha_cell	<i>CHURC1</i>	-0.001075961	0.043618959	0.382413638	1
T2DM	alpha_cell	<i>ACOT4</i>	-0.008198684	0.025015568	0.304831406	1
T2DM	alpha_cell	<i>FAM161B</i>	0.009064006	0.027295814	0.314530292	1
T2DM	alpha_cell	<i>ANGEL1</i>	-0.008830147	0.001027704	0.057971401	1
T2DM	alpha_cell	<i>DDX24</i>	-0.000774134	0.002311735	0.090085435	1
T2DM	alpha_cell	<i>CCDC85C</i>	-0.004481619	0.044820503	0.385456328	1
T2DM	alpha_cell	<i>EML1</i>	-0.002402156	0.033793553	0.342606185	1
T2DM	alpha_cell	<i>BEGAIN</i>	-0.018023803	0.000272635	0.024876303	1
T2DM	alpha_cell	<i>PPP1R13B</i>	0.00579794	0.003220076	0.109511868	1
T2DM	alpha_cell	<i>CEP170B</i>	0.00404119	7.31E-05	0.015340324	0.273589888
T2DM	alpha_cell	<i>NIPAI</i>	0.004217866	0.004436683	0.130420616	1
T2DM	alpha_cell	<i>KNSTRN</i>	-0.008375353	0.000473273	0.037670554	1
T2DM	alpha_cell	<i>RPAP1</i>	-0.005191854	0.044272089	0.383383989	1
T2DM	alpha_cell	<i>SPTBN5</i>	0.022585282	0.0335332	0.342606185	1
T2DM	alpha_cell	<i>SPPL2A</i>	-0.001752923	0.012168261	0.223298854	1
T2DM	alpha_cell	<i>DMXL2</i>	0.004542811	0.012904239	0.223494258	1
T2DM	alpha_cell	<i>LINC00926</i>	0.006051259	0.000160705	0.022266584	0.601197763
T2DM	alpha_cell	<i>GTF2A2</i>	-0.001015527	0.044073618	0.383383989	1
T2DM	alpha_cell	<i>TPM1</i>	-0.000794935	0.002612937	0.096782147	1
T2DM	alpha_cell	<i>DAPK2</i>	0.007733297	0.007677775	0.177299735	1
T2DM	alpha_cell	<i>UACA</i>	0.00471259	0.000263271	0.024622454	0.984898157
T2DM	alpha_cell	<i>RPP25</i>	-0.002535692	0.031088202	0.336129953	1
T2DM	alpha_cell	<i>SNUPN</i>	0.00353609	0.041883113	0.376645979	1
T2DM	alpha_cell	<i>CIB2</i>	-0.006790405	0.001482502	0.07372146	1
T2DM	alpha_cell	<i>PSMA4</i>	-0.001267902	0.010809972	0.208454158	1
T2DM	alpha_cell	<i>CTSH</i>	-0.001862759	0.043636328	0.382413638	1
T2DM	alpha_cell	<i>FSD2</i>	-0.0073832	0.031550735	0.337395475	1
T2DM	alpha_cell	<i>AP3S2</i>	-0.001946407	0.002365793	0.091241578	1
T2DM	alpha_cell	<i>SV2B</i>	-0.005288575	0.025627757	0.308820352	1
T2DM	alpha_cell	<i>WFIKKN1</i>	-0.006841384	0.041166316	0.372889078	1
T2DM	alpha_cell	<i>WDR90</i>	-0.007623235	0.011898564	0.223298854	1
T2DM	alpha_cell	<i>BAIAP3</i>	-0.004858103	0.001807151	0.078879198	1
T2DM	alpha_cell	<i>FAHD1</i>	-0.003864396	0.03721169	0.358978312	1
T2DM	alpha_cell	<i>RPL3L</i>	0.028318772	0.035761769	0.353984436	1
T2DM	alpha_cell	<i>RPS2</i>	0.000152523	0.016179393	0.256470803	1
T2DM	alpha_cell	<i>FLYWCHI</i>	-0.004916418	0.006904429	0.169713502	1
T2DM	alpha_cell	<i>RMI2</i>	-0.025717904	0.006986335	0.169713502	1
T2DM	alpha_cell	<i>PLA2G10</i>	-0.012035473	0.019001775	0.277605283	1
T2DM	alpha_cell	<i>UQCRC2</i>	-0.00330807	9.96E-05	0.017912305	0.372545235
T2DM	alpha_cell	<i>SLC5A11</i>	-0.016248082	0.035848364	0.353984436	1
T2DM	alpha_cell	<i>NRN1L</i>	-0.015584421	0.044812743	0.385456328	1
T2DM	alpha_cell	<i>CLEC18A</i>	-0.026729537	7.26E-06	0.003780508	0.027157751
T2DM	alpha_cell	<i>EXOSC6</i>	-0.001966461	7.38E-05	0.015340324	0.276125825
T2DM	alpha_cell	<i>ZNF23</i>	-0.005348586	0.014559281	0.243100254	1
T2DM	alpha_cell	<i>APIG1</i>	-0.003397076	0.003369635	0.113565817	1
T2DM	alpha_cell	<i>GLG1</i>	-0.001026158	0.012022389	0.223298854	1
T2DM	alpha_cell	<i>RFWD3</i>	-0.005556578	0.042549324	0.377196731	1
T2DM	alpha_cell	<i>TMEM231</i>	-0.004040327	0.045378336	0.388077997	1

T2DM	alpha_cell	<i>ADAT1</i>	0.003227206	0.024271113	0.301655261	1
T2DM	alpha_cell	<i>ACSF3</i>	0.002640288	0.009623377	0.194604626	1
T2DM	alpha_cell	<i>GEMIN4</i>	-0.007949522	0.009486369	0.194604626	1
T2DM	alpha_cell	<i>ALOX12</i>	0.037283145	0.002558383	0.095709091	1
T2DM	alpha_cell	<i>VAMP2</i>	0.001053153	0.017452082	0.263788366	1
T2DM	alpha_cell	<i>CDRT15</i>	-0.036215187	0.007299768	0.171751148	1
T2DM	alpha_cell	<i>FLCN</i>	-0.003113989	0.023720798	0.298744899	1
T2DM	alpha_cell	<i>ALDH3A2</i>	-0.002566997	0.001941011	0.081775569	1
T2DM	alpha_cell	<i>CCT6B</i>	-0.005095569	0.027742705	0.317386723	1
T2DM	alpha_cell	<i>SLFN12</i>	-0.018290126	0.025179931	0.305838054	1
T2DM	alpha_cell	<i>CWC25</i>	-0.001327574	0.047422498	0.397774807	1
T2DM	alpha_cell	<i>KRT23</i>	0.006024755	0.006833608	0.169713502	1
T2DM	alpha_cell	<i>HSPB9</i>	-0.025656224	0.017487173	0.263788366	1
T2DM	alpha_cell	<i>MPP2</i>	-0.005179841	0.033208802	0.342606185	1
T2DM	alpha_cell	<i>NMT1</i>	-0.001275757	0.013634761	0.232911606	1
T2DM	alpha_cell	<i>PTRH2</i>	0.004898627	2.11E-05	0.006589733	0.079076791
T2DM	alpha_cell	<i>MAP3K3</i>	0.001614722	0.023090219	0.29582366	1
T2DM	alpha_cell	<i>DDX42</i>	-0.001694088	0.022117813	0.293668161	1
T2DM	alpha_cell	<i>MILR1</i>	-0.016016083	5.07E-05	0.012636803	0.189552052
T2DM	alpha_cell	<i>CACNG5</i>	-0.042073098	0.020171953	0.284551602	1
T2DM	alpha_cell	<i>WIP1I</i>	0.00186018	0.015006828	0.244089324	1
T2DM	alpha_cell	<i>ABCA5</i>	-0.001906496	0.042279631	0.377083549	1
T2DM	alpha_cell	<i>KCNJ16</i>	-0.017919849	0.00293236	0.104475789	1
T2DM	alpha_cell	<i>FBF1</i>	-0.009656002	0.009440582	0.194604626	1
T2DM	alpha_cell	<i>CDK3</i>	0.008512479	0.00792963	0.181992298	1
T2DM	alpha_cell	<i>EVPL</i>	-0.022695504	0.01062269	0.207657013	1
T2DM	alpha_cell	<i>SRP68</i>	-0.005108828	0.000137288	0.019753675	0.513595549
T2DM	alpha_cell	<i>GAA</i>	-0.002567878	0.047767842	0.398964351	1
T2DM	alpha_cell	<i>EIF4A3</i>	-0.003251252	0.006860931	0.169713502	1
T2DM	alpha_cell	<i>OGFOD3</i>	-0.002523337	0.006974273	0.169713502	1
T2DM	alpha_cell	<i>TWSG1</i>	-0.004154466	0.032896599	0.342606185	1
T2DM	alpha_cell	<i>PSMG2</i>	0.001040573	0.031566003	0.337395475	1
T2DM	alpha_cell	<i>MAPRE2</i>	-0.004261015	0.014266397	0.240408073	1
T2DM	alpha_cell	<i>TNFRSF11A</i>	-0.004582724	0.020613067	0.284551602	1
T2DM	alpha_cell	<i>CNDP2</i>	-0.004781452	0.0048099	0.138414122	1
T2DM	alpha_cell	<i>GPX4</i>	-0.000854028	0.028452448	0.319372154	1
T2DM	alpha_cell	<i>ARRDC5</i>	-0.036317698	0.001189326	0.062698863	1
T2DM	alpha_cell	<i>FUT6</i>	-0.016497454	0.027229097	0.314530292	1
T2DM	alpha_cell	<i>RPS28</i>	-0.000355165	0.026085422	0.311774968	1
T2DM	alpha_cell	<i>RGL3</i>	0.004602554	0.000575191	0.042191951	1
T2DM	alpha_cell	<i>GCDH</i>	-0.005160198	0.024801594	0.304831406	1
T2DM	alpha_cell	<i>FARSA</i>	-0.003495774	0.00606706	0.161400857	1
T2DM	alpha_cell	<i>PALM3</i>	-0.014947757	2.13E-06	0.002659868	0.007979603
T2DM	alpha_cell	<i>CCDC105</i>	0.003778279	0.000228847	0.024622454	0.856116308
T2DM	alpha_cell	<i>PIK3R2</i>	-0.003786306	0.006129287	0.161400857	1
T2DM	alpha_cell	<i>ZNF429</i>	0.004430249	0.00063278	0.044664686	1
T2DM	alpha_cell	<i>ZNF681</i>	-0.00583074	0.002472852	0.093443819	1
T2DM	alpha_cell	<i>RHPN2</i>	-0.003440423	0.046219431	0.391192065	1
T2DM	alpha_cell	<i>LRP3</i>	0.012616225	0.001055143	0.058048365	1
T2DM	alpha_cell	<i>PEPD</i>	-0.002160882	0.001005852	0.057890641	1
T2DM	alpha_cell	<i>UPK1A</i>	-0.039903204	0.002991655	0.104596086	1
T2DM	alpha_cell	<i>DPF1</i>	-0.015519316	0.000430031	0.034994172	1
T2DM	alpha_cell	<i>SARS2</i>	0.00419765	0.049824201	0.410555802	1
T2DM	alpha_cell	<i>BCKDHA</i>	0.007389727	0.001186472	0.062698863	1
T2DM	alpha_cell	<i>SMG9</i>	0.006167618	4.71E-06	0.003241032	0.017615254
T2DM	alpha_cell	<i>ZNF233</i>	0.01775549	0.012280851	0.223298854	1

T2DM	alpha_cell	<i>CEACAM19</i>	-0.004941449	0.020147105	0.284551602	1
T2DM	alpha_cell	<i>CBLC</i>	0.020622771	0.007280839	0.171751148	1
T2DM	alpha_cell	<i>GPR4</i>	0.00614344	0.00931756	0.194604626	1
T2DM	alpha_cell	<i>RASIP1</i>	0.004559686	0.012790402	0.223298854	1
T2DM	alpha_cell	<i>SLC6A16</i>	-0.015338688	0.000110514	0.018235761	0.413434222
T2DM	alpha_cell	<i>MYH14</i>	-0.001957315	0.012003212	0.223298854	1
T2DM	alpha_cell	<i>LILRB3</i>	-0.018323178	0.002167394	0.086257677	1
T2DM	alpha_cell	<i>EPS8L1</i>	-0.015930986	0.007158676	0.171670569	1
T2DM	alpha_cell	<i>DNAAF3</i>	-0.007719094	0.006255847	0.161400857	1
T2DM	alpha_cell	<i>ZNF417</i>	-0.007313515	0.039461268	0.365881461	1
T2DM	alpha_cell	<i>ZNF329</i>	0.007568669	5.46E-07	0.002011202	0.002041699
T2DM	alpha_cell	<i>MRPS26</i>	-0.001576175	0.001497683	0.07372146	1
T2DM	alpha_cell	<i>TMEM230</i>	0.001279359	0.011970946	0.223298854	1
T2DM	alpha_cell	<i>ISM1</i>	-0.015099961	0.008590384	0.189816862	1
T2DM	alpha_cell	<i>FLRT3</i>	-0.002969981	0.037192407	0.358978312	1
T2DM	alpha_cell	<i>CST5</i>	0.025645564	0.021593145	0.288499843	1
T2DM	alpha_cell	<i>VSX1</i>	-0.025957307	0.042334961	0.377083549	1
T2DM	alpha_cell	<i>ACTL10</i>	-0.012697292	0.000178566	0.022402159	0.668014975
T2DM	alpha_cell	<i>EDEM2</i>	0.002407515	0.033672147	0.342606185	1
T2DM	alpha_cell	<i>MROH8</i>	-0.007387706	0.003996074	0.123548025	1
T2DM	alpha_cell	<i>TTI1</i>	0.002996771	0.012717398	0.223298854	1
T2DM	alpha_cell	<i>DNTTIP1</i>	-0.00304405	0.037534036	0.359659327	1
T2DM	alpha_cell	<i>KCNG1</i>	0.010172667	0.0091674	0.194604626	1
T2DM	alpha_cell	<i>BCAS1</i>	-0.0293458	0.004065757	0.124672105	1
T2DM	alpha_cell	<i>MTG2</i>	0.003309007	0.016834983	0.260848161	1
T2DM	alpha_cell	<i>OGFR</i>	-0.002763057	0.034924043	0.348402251	1
T2DM	alpha_cell	<i>RGS19</i>	-0.010707281	0.018141273	0.269311516	1
T2DM	alpha_cell	<i>OPRL1</i>	-0.016813106	0.030337647	0.331851276	1
T2DM	alpha_cell	<i>CCT8</i>	0.002812789	0.000121864	0.018235761	0.455894025
T2DM	alpha_cell	<i>MIS18A</i>	-0.008119594	0.021298297	0.287816315	1
T2DM	alpha_cell	<i>SLC37A1</i>	-0.005262482	0.004847886	0.138442312	1
T2DM	alpha_cell	<i>ADARB1</i>	-0.009492247	0.041857307	0.376645979	1
T2DM	alpha_cell	<i>LINC00528</i>	-0.017239552	0.038490208	0.362699918	1
T2DM	alpha_cell	<i>CLTCL1</i>	-0.022350243	0.00284475	0.103322421	1
T2DM	alpha_cell	<i>COMT</i>	-0.003367258	0.007047787	0.170101751	1
T2DM	alpha_cell	<i>BCR</i>	-0.004067098	0.003077227	0.105613826	1
T2DM	alpha_cell	<i>SUSD2</i>	0.006677792	0.006198386	0.161400857	1
T2DM	alpha_cell	<i>GAS2L1</i>	-0.006871231	0.00834046	0.187068544	1
T2DM	alpha_cell	<i>APIB1</i>	-0.003479689	0.04575847	0.388903603	1
T2DM	alpha_cell	<i>UQCR10</i>	0.000952012	0.001542444	0.074030906	1
T2DM	alpha_cell	<i>DUSP18</i>	0.003545441	0.031805334	0.338553558	1
T2DM	alpha_cell	<i>INPP5J</i>	-0.020536767	0.003663709	0.117162095	1
T2DM	alpha_cell	<i>TOB2</i>	-0.004619804	0.000234938	0.024622454	0.878904774
T2DM	alpha_cell	<i>CSDC2</i>	-0.020562282	0.034482232	0.345643049	1
T2DM	alpha_cell	<i>ARHGAP8</i>	-0.008342166	0.014987491	0.244089324	1
T2DM	alpha_cell	<i>FAM118A</i>	-0.002054895	0.013633526	0.232911606	1
T2DM	alpha_cell	<i>MIOX</i>	-0.019307776	0.00085475	0.054196947	1
T2DM	beta_cell	<i>CALML6</i>	-0.005456447	0.048456885	0.323132277	1
T2DM	beta_cell	<i>PIK3CD</i>	0.006553457	0.034361505	0.28024702	1
T2DM	beta_cell	<i>MTHFR</i>	-0.003620767	0.012469662	0.210975783	1
T2DM	beta_cell	<i>CLCNKB</i>	-0.037998907	0.015092009	0.219152495	1
T2DM	beta_cell	<i>MFAP2</i>	-0.006911071	0.035450705	0.282448593	1
T2DM	beta_cell	<i>EMC1</i>	-0.004989668	0.000394272	0.037819141	1
T2DM	beta_cell	<i>CDA</i>	-0.011999311	0.017440861	0.222042263	1
T2DM	beta_cell	<i>NBPFF3</i>	-0.009889466	0.0422834	0.302080464	1
T2DM	beta_cell	<i>USP48</i>	-0.003679343	0.026959821	0.255981445	1

T2DM	beta_cell	<i>HSPG2</i>	0.001839405	0.040327157	0.29756192	1
T2DM	beta_cell	<i>KDM1A</i>	-0.002540633	0.005914905	0.146876822	1
T2DM	beta_cell	<i>ZNF436</i>	-0.012242091	0.00900728	0.183302347	1
T2DM	beta_cell	<i>STPG1</i>	-0.009190796	1.45E-05	0.009039405	0.05423643
T2DM	beta_cell	<i>EPB41</i>	0.002218706	0.039524356	0.293467074	1
T2DM	beta_cell	<i>MECR</i>	-0.005199005	0.035923034	0.284118546	1
T2DM	beta_cell	<i>CSMD2</i>	-0.016137027	0.008247613	0.174466819	1
T2DM	beta_cell	<i>MTF1</i>	-0.004124462	0.026542132	0.255254792	1
T2DM	beta_cell	<i>TRIT1</i>	-0.00642362	0.017562047	0.222042263	1
T2DM	beta_cell	<i>ZFP69</i>	-0.020184453	0.006543059	0.154466221	1
T2DM	beta_cell	<i>CTPS1</i>	-0.004851532	0.019902975	0.229691282	1
T2DM	beta_cell	<i>FOXO6</i>	-0.00970884	0.019096379	0.226524895	1
T2DM	beta_cell	<i>POMGNT1</i>	-0.004169054	0.048894419	0.324315644	1
T2DM	beta_cell	<i>EPS15</i>	0.002575826	0.003291424	0.108010673	1
T2DM	beta_cell	<i>OMAI</i>	-0.007006489	0.000668155	0.047786486	1
T2DM	beta_cell	<i>ITGB3BP</i>	-0.003508139	0.020051618	0.229691282	1
T2DM	beta_cell	<i>EFCAB7</i>	-0.005365399	0.026778407	0.255981445	1
T2DM	beta_cell	<i>LEPROT</i>	-0.001760548	2.09E-05	0.009648127	0.078291584
T2DM	beta_cell	<i>SLC44A5</i>	-0.018554692	0.002351144	0.088844734	1
T2DM	beta_cell	<i>MSH4</i>	-0.042036172	0.004846927	0.136526395	1
T2DM	beta_cell	<i>GIPC2</i>	-0.008391283	0.004882384	0.136526395	1
T2DM	beta_cell	<i>DDAHI</i>	-0.004211463	0.032499246	0.274192873	1
T2DM	beta_cell	<i>CDC14A</i>	-0.002280063	0.049261608	0.325022356	1
T2DM	beta_cell	<i>GSTM4</i>	-0.008088135	0.029643702	0.26375318	1
T2DM	beta_cell	<i>CEPT1</i>	-0.004709448	0.010043999	0.189431438	1
T2DM	beta_cell	<i>REG4</i>	-0.012165758	0.001304605	0.066251599	1
T2DM	beta_cell	<i>SRGAP2C</i>	-0.003425317	0.047230219	0.319727011	1
T2DM	beta_cell	<i>ACP6</i>	-0.005423224	0.028361718	0.258383739	1
T2DM	beta_cell	<i>THEM4</i>	-0.001881068	0.023930703	0.24460317	1
T2DM	beta_cell	<i>SLC25A44</i>	-0.003848634	0.035773814	0.283537796	1
T2DM	beta_cell	<i>NME7</i>	-0.008178146	5.14E-07	0.000641282	0.001923845
T2DM	beta_cell	<i>CCDC181</i>	-0.005706701	0.000947777	0.058054147	1
T2DM	beta_cell	<i>Clorf112</i>	0.008503957	0.031708499	0.272331973	1
T2DM	beta_cell	<i>RABGAP1L</i>	-0.002187676	0.001332315	0.066251599	1
T2DM	beta_cell	<i>GLUL</i>	-0.002763407	0.012292221	0.210941281	1
T2DM	beta_cell	<i>LAMC2</i>	-0.003856862	0.046472666	0.318998614	1
T2DM	beta_cell	<i>SMG7</i>	-0.002506436	0.014753917	0.216718906	1
T2DM	beta_cell	<i>TSEN15</i>	-0.001824284	0.027846633	0.258054873	1
T2DM	beta_cell	<i>EDEM3</i>	-0.003003328	0.022849461	0.239980338	1
T2DM	beta_cell	<i>TNNI1</i>	0.027243315	0.037749353	0.289891394	1
T2DM	beta_cell	<i>ARL8A</i>	-0.00223851	0.003984032	0.122370656	1
T2DM	beta_cell	<i>CHI3L1</i>	0.003516752	0.038888864	0.292135018	1
T2DM	beta_cell	<i>CD46</i>	-0.001209784	0.03543428	0.282448593	1
T2DM	beta_cell	<i>ANGEL2</i>	-0.003436602	0.014758163	0.216718906	1
T2DM	beta_cell	<i>CAPN9</i>	-0.020709277	0.01780435	0.222042263	1
T2DM	beta_cell	<i>ARID4B</i>	0.000888569	0.017969528	0.222042263	1
T2DM	beta_cell	<i>GPR137B</i>	-0.005958077	0.017672657	0.222042263	1
T2DM	beta_cell	<i>ZNF496</i>	-0.002264392	0.03944913	0.293467074	1
T2DM	beta_cell	<i>LINC00487</i>	-0.034498904	0.040640202	0.298270865	1
T2DM	beta_cell	<i>RN7SL832P</i>	-0.00729423	0.025371628	0.251098569	1
T2DM	beta_cell	<i>DDX1</i>	-0.000796575	0.035178225	0.282448593	1
T2DM	beta_cell	<i>TTC32</i>	0.000997105	0.024902103	0.247762684	1
T2DM	beta_cell	<i>LAPTM4A</i>	-0.000762442	0.040973501	0.298816487	1
T2DM	beta_cell	<i>FAM228B</i>	-0.002902457	0.014593539	0.216718906	1
T2DM	beta_cell	<i>PFN4</i>	-0.031220493	0.001127433	0.062025415	1
T2DM	beta_cell	<i>CAD</i>	-0.005474396	0.022418043	0.238669395	1

T2DM	beta_cell	<i>PPP1CB</i>	-0.000893747	0.003416565	0.111031371	1
T2DM	beta_cell	<i>NDUFAF7</i>	-0.003266041	0.003644147	0.114874637	1
T2DM	beta_cell	<i>EML4</i>	-0.006206581	0.000410595	0.037819141	1
T2DM	beta_cell	<i>ATP6V1E2</i>	-0.003755191	0.011360423	0.202377813	1
T2DM	beta_cell	<i>STON1</i>	0.006591407	0.041136191	0.298816487	1
T2DM	beta_cell	<i>BCL11A</i>	-0.007879024	0.032615832	0.274192873	1
T2DM	beta_cell	<i>ACTR2</i>	-0.001350496	0.000243119	0.029338945	0.909507309
T2DM	beta_cell	<i>ALMS1</i>	-0.00572179	0.02296524	0.239980338	1
T2DM	beta_cell	<i>NAT8</i>	-0.003030784	0.00276659	0.095831618	1
T2DM	beta_cell	<i>LBX2</i>	0.016130248	0.015271456	0.219152495	1
T2DM	beta_cell	<i>DNAH6</i>	-0.006386417	0.017748359	0.222042263	1
T2DM	beta_cell	<i>GGCX</i>	-0.003499227	0.000412527	0.037819141	1
T2DM	beta_cell	<i>GNLY</i>	-0.003362608	0.011880329	0.208285147	1
T2DM	beta_cell	<i>RGPD2</i>	-0.025834651	0.00252446	0.09168938	1
T2DM	beta_cell	<i>CIAO1</i>	-0.002760262	0.007798445	0.174419078	1
T2DM	beta_cell	<i>ITPRIPL1</i>	0.020467227	0.001788042	0.078871339	1
T2DM	beta_cell	<i>KANSL3</i>	-0.004462024	0.002510993	0.09168938	1
T2DM	beta_cell	<i>AFF3</i>	0.005888787	0.031739305	0.272331973	1
T2DM	beta_cell	<i>IL1R2</i>	-0.003897994	0.048220524	0.322130324	1
T2DM	beta_cell	<i>GCC2</i>	-0.000998774	0.014772339	0.216718906	1
T2DM	beta_cell	<i>RGPD8</i>	-0.012097719	0.030718278	0.27033538	1
T2DM	beta_cell	<i>POLR1B</i>	-0.005072741	0.001555708	0.073669689	1
T2DM	beta_cell	<i>SCTR</i>	-0.003465586	0.048835406	0.324315644	1
T2DM	beta_cell	<i>TMEM185B</i>	-0.005237464	0.001813134	0.078871339	1
T2DM	beta_cell	<i>BIN1</i>	-0.003369146	0.004853499	0.136526395	1
T2DM	beta_cell	<i>CCDC115</i>	-0.002321156	0.041915031	0.300967619	1
T2DM	beta_cell	<i>SLC38A11</i>	-0.012112356	0.045918635	0.317526087	1
T2DM	beta_cell	<i>GAD1</i>	-0.006684921	0.049130434	0.325022356	1
T2DM	beta_cell	<i>DUSP19</i>	-0.030333461	0.001021196	0.058054147	1
T2DM	beta_cell	<i>HIBCH</i>	-0.004665602	0.005475086	0.142046557	1
T2DM	beta_cell	<i>CASP8</i>	-0.013254484	0.000141203	0.021129625	0.528240624
T2DM	beta_cell	<i>BARD1</i>	0.009756895	0.018104882	0.222042263	1
T2DM	beta_cell	<i>C2orf72</i>	-0.013231653	0.0114648	0.203269268	1
T2DM	beta_cell	<i>HDLBP</i>	-0.001957226	0.038097374	0.289891394	1
T2DM	beta_cell	<i>TSEN2</i>	-0.01002263	0.001868706	0.080354353	1
T2DM	beta_cell	<i>EFHB</i>	-0.005619189	0.03534511	0.282448593	1
T2DM	beta_cell	<i>RAB5A</i>	-0.00198028	0.01087781	0.197543143	1
T2DM	beta_cell	<i>EOMES</i>	-0.034052413	0.019161746	0.226524895	1
T2DM	beta_cell	<i>TTC21A</i>	-0.012995535	0.01665206	0.222042263	1
T2DM	beta_cell	<i>RPSA</i>	-0.000531061	0.001034432	0.058054147	1
T2DM	beta_cell	<i>CCR1</i>	-0.017124896	0.018162238	0.222042263	1
T2DM	beta_cell	<i>LTF</i>	-0.028193146	3.38E-08	6.33E-05	0.000126508
T2DM	beta_cell	<i>NME6</i>	-0.005093332	0.043484883	0.306676405	1
T2DM	beta_cell	<i>UBA7</i>	-0.016675435	0.040556032	0.298270865	1
T2DM	beta_cell	<i>RBM6</i>	-0.001275856	0.009903372	0.18902303	1
T2DM	beta_cell	<i>PPM1M</i>	-0.01295954	0.045069285	0.312229993	1
T2DM	beta_cell	<i>ARHGEF3</i>	-0.004820522	0.047440297	0.319727011	1
T2DM	beta_cell	<i>PRICKLE2</i>	-0.00426493	0.032764742	0.274827128	1
T2DM	beta_cell	<i>UBA3</i>	-0.003175933	0.015243229	0.219152495	1
T2DM	beta_cell	<i>HTR1F</i>	-0.005906137	0.014164527	0.21628366	1
T2DM	beta_cell	<i>CGGBP1</i>	0.001113868	0.002924693	0.098570043	1
T2DM	beta_cell	<i>NXPE3</i>	-0.003127098	0.036383758	0.284752381	1
T2DM	beta_cell	<i>IFT57</i>	-0.001116556	0.023268548	0.242472527	1
T2DM	beta_cell	<i>GUCA1C</i>	-0.028492946	0.026492188	0.255254792	1
T2DM	beta_cell	<i>C3orf52</i>	0.004534627	0.027566226	0.257813127	1
T2DM	beta_cell	<i>HSPBAP1</i>	-0.005622557	0.031070462	0.270375009	1

T2DM	beta_cell	<i>ALGIL</i>	-0.013041299	0.016016221	0.222042263	1
T2DM	beta_cell	<i>SLC41A3</i>	-0.001996126	0.012049181	0.208285147	1
T2DM	beta_cell	<i>RNF7</i>	-0.001404627	0.028033042	0.258054873	1
T2DM	beta_cell	<i>PLSCR4</i>	-0.003823385	0.010625624	0.194461956	1
T2DM	beta_cell	<i>P2RY12</i>	-0.045633875	0.021457573	0.232674724	1
T2DM	beta_cell	<i>IGSF10</i>	0.009974	0.008059019	0.174466819	1
T2DM	beta_cell	<i>DHX36</i>	-0.000751344	0.02459916	0.247762684	1
T2DM	beta_cell	<i>RSRC1</i>	-0.00199764	0.020776476	0.231598412	1
T2DM	beta_cell	<i>GPR160</i>	-0.00967148	4.44E-05	0.012784635	0.16620026
T2DM	beta_cell	<i>KCNMB3</i>	-0.009007259	0.019253934	0.226524895	1
T2DM	beta_cell	<i>ST6GAL1</i>	-0.027668968	0.006042922	0.146876822	1
T2DM	beta_cell	<i>DLG1</i>	-0.003077749	0.009133447	0.18370013	1
T2DM	beta_cell	<i>FAM53A</i>	0.012061136	0.031513933	0.272271645	1
T2DM	beta_cell	<i>ZFYVE28</i>	-0.020312949	2.98E-05	0.011161055	0.111610549
T2DM	beta_cell	<i>SH3BP2</i>	-0.005611197	0.021135069	0.232579541	1
T2DM	beta_cell	<i>GRK4</i>	-0.006178434	0.030249931	0.266898569	1
T2DM	beta_cell	<i>ADRA2C</i>	-0.007419131	0.000130314	0.020562815	0.487505722
T2DM	beta_cell	<i>ZBTB49</i>	-0.010129938	0.032452617	0.274192873	1
T2DM	beta_cell	<i>EVC2</i>	-0.014983143	0.024241614	0.24576661	1
T2DM	beta_cell	<i>CRMP1</i>	-0.002214214	0.0461972	0.318275738	1
T2DM	beta_cell	<i>AFAP1</i>	-0.005120849	0.038852316	0.292135018	1
T2DM	beta_cell	<i>PACRGL</i>	-0.006269706	0.001266034	0.065977183	1
T2DM	beta_cell	<i>TBC1D1</i>	-0.004280405	0.00699348	0.160506804	1
T2DM	beta_cell	<i>KLHL5</i>	-0.002396584	0.021685286	0.234464325	1
T2DM	beta_cell	<i>GNPDA2</i>	-0.003528807	0.001962048	0.080380702	1
T2DM	beta_cell	<i>ARL9</i>	-0.006317995	0.044493866	0.310543945	1
T2DM	beta_cell	<i>CXCL6</i>	-0.004166159	0.030146565	0.266615365	1
T2DM	beta_cell	<i>FAM47E</i>	-0.002873383	0.01450076	0.216718906	1
T2DM	beta_cell	<i>HSD17B11</i>	-0.00202963	0.039163797	0.293265229	1
T2DM	beta_cell	<i>ARHGEF38</i>	-0.01439026	0.016751615	0.222042263	1
T2DM	beta_cell	<i>PRDM5</i>	-0.006636949	0.002799108	0.096068459	1
T2DM	beta_cell	<i>ELMOD2</i>	-0.008001041	8.75E-05	0.018208262	0.327434324
T2DM	beta_cell	<i>FNIP2</i>	0.001994232	0.012924966	0.210975783	1
T2DM	beta_cell	<i>WDR17</i>	-0.009172568	0.006337793	0.151017091	1
T2DM	beta_cell	<i>CENPU</i>	-0.004944038	0.03725596	0.28856014	1
T2DM	beta_cell	<i>ZDHHC11B</i>	-0.015654286	0.044970594	0.312124289	1
T2DM	beta_cell	<i>SLC6A19</i>	-0.022699272	0.043529851	0.306676405	1
T2DM	beta_cell	<i>MRPL36</i>	-0.001753634	4.03E-05	0.01255808	0.150696963
T2DM	beta_cell	<i>SEMA5A</i>	-0.005596112	0.003990703	0.122370656	1
T2DM	beta_cell	<i>SNHG18</i>	-0.00671771	0.006328955	0.151017091	1
T2DM	beta_cell	<i>PPWD1</i>	-0.00419967	0.000207775	0.02776019	0.777285317
T2DM	beta_cell	<i>F2R</i>	-0.002096897	0.025517453	0.251527597	1
T2DM	beta_cell	<i>AGGF1</i>	-0.002568301	0.037029965	0.28856014	1
T2DM	beta_cell	<i>GPR150</i>	-0.013755952	0.00167694	0.075583544	1
T2DM	beta_cell	<i>ERAP1</i>	-0.006886959	0.006565124	0.154466221	1
T2DM	beta_cell	<i>PJA2</i>	-0.001799604	0.017935527	0.222042263	1
T2DM	beta_cell	<i>TMEM232</i>	-0.007181961	0.031167498	0.270528098	1
T2DM	beta_cell	<i>LEAP2</i>	-0.00433744	0.034503941	0.280607054	1
T2DM	beta_cell	<i>EIF4EBP3</i>	-0.002875544	0.017320008	0.222042263	1
T2DM	beta_cell	<i>PCDHB11</i>	-0.005341173	0.004990266	0.138009845	1
T2DM	beta_cell	<i>STK32A</i>	-0.0080577	0.01534829	0.219152495	1
T2DM	beta_cell	<i>CCDC69</i>	0.003886618	0.008683497	0.180472018	1
T2DM	beta_cell	<i>SLC36A1</i>	-0.00866541	0.008979888	0.183302347	1
T2DM	beta_cell	<i>WWC1</i>	-0.003707966	0.014556357	0.216718906	1
T2DM	beta_cell	<i>FI2</i>	-0.007895299	0.016920467	0.222042263	1
T2DM	beta_cell	<i>DOK3</i>	-0.017349915	0.001156913	0.062724826	1

T2DM	beta_cell	<i>RUFY1</i>	-0.006847204	0.005192316	0.140780976	1
T2DM	beta_cell	<i>BTNL3</i>	-0.038904128	0.040662428	0.298270865	1
T2DM	beta_cell	<i>MYLK4</i>	-0.042707645	0.01866389	0.225959909	1
T2DM	beta_cell	<i>NQO2</i>	-0.003359171	0.024673223	0.247762684	1
T2DM	beta_cell	<i>SYCP2L</i>	-0.017201255	0.038188349	0.289891394	1
T2DM	beta_cell	<i>NEDD9</i>	-0.00316539	0.006053725	0.146876822	1
T2DM	beta_cell	<i>GMPR</i>	-0.006561687	0.000221066	0.028517522	0.827008141
T2DM	beta_cell	<i>ATXN1</i>	-0.001638268	0.04919935	0.325022356	1
T2DM	beta_cell	<i>MBOAT1</i>	-0.024724462	0.001597577	0.073816079	1
T2DM	beta_cell	<i>C6orf62</i>	-0.002113044	0.015289728	0.219152495	1
T2DM	beta_cell	<i>SLC17A4</i>	-0.034311363	0.009615521	0.188333328	1
T2DM	beta_cell	<i>ZNF391</i>	-0.013663468	0.019303596	0.226524895	1
T2DM	beta_cell	<i>ZNF165</i>	-0.006761462	0.00432287	0.12733744	1
T2DM	beta_cell	<i>DHX16</i>	-0.002838009	0.037445307	0.28942747	1
T2DM	beta_cell	<i>TCF19</i>	-0.020126044	0.002159505	0.085039039	1
T2DM	beta_cell	<i>MICA</i>	-0.004420367	0.020561753	0.230995545	1
T2DM	beta_cell	<i>EHMT2</i>	-0.004362629	0.047123696	0.319727011	1
T2DM	beta_cell	<i>ATF6B</i>	-0.003046074	0.043925918	0.3077282	1
T2DM	beta_cell	<i>HLA-DQB2</i>	-0.053841424	0.000423907	0.037819141	1
T2DM	beta_cell	<i>PSMB9</i>	-0.003949075	0.003654125	0.114874637	1
T2DM	beta_cell	<i>HLA-DMB</i>	-0.005398668	0.043753967	0.307675925	1
T2DM	beta_cell	<i>HLA-DMA</i>	-0.003278821	0.004870473	0.136526395	1
T2DM	beta_cell	<i>HLA-DOA</i>	-0.0225729	0.029470921	0.26375318	1
T2DM	beta_cell	<i>ZBTB9</i>	-0.011892683	0.035485389	0.282448593	1
T2DM	beta_cell	<i>IP6K3</i>	-0.050592707	0.000712169	0.04933747	1
T2DM	beta_cell	<i>HMGAI</i>	-0.000973955	0.012081763	0.208285147	1
T2DM	beta_cell	<i>MTCHI</i>	-0.001273527	0.029545982	0.26375318	1
T2DM	beta_cell	<i>PGC</i>	0.011933659	0.003218157	0.107211478	1
T2DM	beta_cell	<i>PRPH2</i>	-0.014276144	0.005662815	0.143761055	1
T2DM	beta_cell	<i>SUPT3H</i>	-0.00775765	0.01592263	0.222042263	1
T2DM	beta_cell	<i>C6orf141</i>	-0.007367333	0.026819497	0.255981445	1
T2DM	beta_cell	<i>GCLC</i>	-0.00304212	0.015494999	0.219571177	1
T2DM	beta_cell	<i>IBTK</i>	-0.001388559	0.034280715	0.28024702	1
T2DM	beta_cell	<i>SRSF12</i>	-0.006693902	0.033599493	0.276862785	1
T2DM	beta_cell	<i>UFL1</i>	0.001927815	0.012783005	0.210975783	1
T2DM	beta_cell	<i>REV3L</i>	0.003223397	0.00020201	0.02776019	0.755720541
T2DM	beta_cell	<i>NUS1</i>	0.001301842	0.005388262	0.140961466	1
T2DM	beta_cell	<i>SLC35D3</i>	-0.015045572	0.044482306	0.310543945	1
T2DM	beta_cell	<i>ABRACL</i>	-0.006843621	0.001795586	0.078871339	1
T2DM	beta_cell	<i>MTRFIL</i>	-0.001523157	0.01201154	0.208285147	1
T2DM	beta_cell	<i>TULP4</i>	-0.002591695	0.000945798	0.058054147	1
T2DM	beta_cell	<i>DYNLT1</i>	-0.001679689	0.000465668	0.038712512	1
T2DM	beta_cell	<i>WTAP</i>	-0.002528189	0.002104894	0.083770296	1
T2DM	beta_cell	<i>CYP2W1</i>	-0.040735041	0.035450545	0.282448593	1
T2DM	beta_cell	<i>DAGLB</i>	-0.006782081	0.01006483	0.189431438	1
T2DM	beta_cell	<i>RPA3</i>	-0.001314718	0.032978905	0.275029812	1
T2DM	beta_cell	<i>VWDE</i>	0.003382595	0.022648392	0.238669395	1
T2DM	beta_cell	<i>AGR2</i>	-0.007532916	0.019667757	0.229212079	1
T2DM	beta_cell	<i>JAZF1</i>	-0.003744082	0.020781533	0.231598412	1
T2DM	beta_cell	<i>PRR15</i>	-0.0067698	0.021140258	0.232579541	1
T2DM	beta_cell	<i>STK17A</i>	0.001327912	0.013919101	0.21628366	1
T2DM	beta_cell	<i>RABGEF1</i>	0.001635796	0.046307564	0.318449625	1
T2DM	beta_cell	<i>TYW1</i>	-0.00630792	0.023818775	0.24460317	1
T2DM	beta_cell	<i>CLDN3</i>	0.002165059	0.017325054	0.222042263	1
T2DM	beta_cell	<i>STYXL1</i>	-0.011660284	0.016281635	0.222042263	1
T2DM	beta_cell	<i>GSAP</i>	-0.006956161	0.037133692	0.28856014	1

T2DM	beta_cell	<i>SAMD9L</i>	-0.021435901	0.000668191	0.047786486	1
T2DM	beta_cell	<i>ZNF789</i>	-0.006684657	0.041107865	0.298816487	1
T2DM	beta_cell	<i>MBLAC1</i>	0.007477765	0.024866644	0.247762684	1
T2DM	beta_cell	<i>SAP25</i>	-0.010996051	0.017987479	0.222042263	1
T2DM	beta_cell	<i>VGF</i>	-0.000322662	0.01702355	0.222042263	1
T2DM	beta_cell	<i>NAT16</i>	-0.005157343	0.0001135	0.020562815	0.42460531
T2DM	beta_cell	<i>RASA4B</i>	-0.03156682	0.000333561	0.035652946	1
T2DM	beta_cell	<i>POLR2J2</i>	-0.005208174	0.019764386	0.229622879	1
T2DM	beta_cell	<i>WASL</i>	-0.001410335	0.001345929	0.066251599	1
T2DM	beta_cell	<i>WEE2</i>	-0.034163189	0.001236192	0.065977183	1
T2DM	beta_cell	<i>TAS2R4</i>	-0.017638098	0.002321687	0.088626848	1
T2DM	beta_cell	<i>ARHGEF35</i>	-0.003244382	0.031624438	0.272331973	1
T2DM	beta_cell	<i>ZNF467</i>	-0.009158859	5.25E-05	0.014039124	0.196547731
T2DM	beta_cell	<i>ASIC3</i>	-0.015500555	0.018982017	0.226524895	1
T2DM	beta_cell	<i>RHEB</i>	-0.001072448	0.007051079	0.160841996	1
T2DM	beta_cell	<i>MYOM2</i>	-0.01019845	0.025939118	0.253363548	1
T2DM	beta_cell	<i>ERII</i>	-0.005327107	0.01800156	0.222042263	1
T2DM	beta_cell	<i>PSD3</i>	0.003086809	0.019433127	0.227185396	1
T2DM	beta_cell	<i>BMP1</i>	-0.009800834	0.012467006	0.210975783	1
T2DM	beta_cell	<i>ESCO2</i>	-0.019755789	0.004468707	0.129592508	1
T2DM	beta_cell	<i>EXTL3</i>	-0.004709299	0.02191647	0.235269101	1
T2DM	beta_cell	<i>SMIM19</i>	-0.001511512	0.030856244	0.27033538	1
T2DM	beta_cell	<i>CEBPD</i>	-0.001078375	0.028758173	0.259865518	1
T2DM	beta_cell	<i>TTPA</i>	-0.031814515	0.017286979	0.222042263	1
T2DM	beta_cell	<i>PREX2</i>	-0.00552432	0.039703199	0.293536892	1
T2DM	beta_cell	<i>PEX2</i>	-0.001330414	0.029517342	0.26375318	1
T2DM	beta_cell	<i>CCNE2</i>	-0.012328344	0.012794825	0.210975783	1
T2DM	beta_cell	<i>YWHAZ</i>	-0.001155919	0.005017198	0.138009845	1
T2DM	beta_cell	<i>EIF3E</i>	-0.001348778	0.008164499	0.174466819	1
T2DM	beta_cell	<i>PKHD1L1</i>	-0.018161062	0.002556266	0.091951826	1
T2DM	beta_cell	<i>SNTB1</i>	-0.007948517	0.02978823	0.264070537	1
T2DM	beta_cell	<i>LY6E</i>	-0.003958618	0.000782926	0.052302256	1
T2DM	beta_cell	<i>PUF60</i>	-0.001939545	0.019316076	0.226524895	1
T2DM	beta_cell	<i>NRBP2</i>	-0.020458779	0.005294354	0.140961466	1
T2DM	beta_cell	<i>VPS28</i>	-0.002586661	0.000634039	0.047786486	1
T2DM	beta_cell	<i>TONSL</i>	-0.006385038	0.032286551	0.274192873	1
T2DM	beta_cell	<i>CD274</i>	0.009463094	0.003938924	0.122370656	1
T2DM	beta_cell	<i>MPDZ</i>	-0.010632789	0.000428981	0.037819141	1
T2DM	beta_cell	<i>FOCAD</i>	-0.004945414	0.020077265	0.229691282	1
T2DM	beta_cell	<i>SMU1</i>	-0.00320111	0.040990696	0.298816487	1
T2DM	beta_cell	<i>TMEM8B</i>	-0.005477382	0.009842695	0.188828311	1
T2DM	beta_cell	<i>GRHPR</i>	0.001569379	0.021300512	0.232579541	1
T2DM	beta_cell	<i>FBXO10</i>	-0.007654435	0.036205959	0.284551454	1
T2DM	beta_cell	<i>SPIN1</i>	0.00256356	0.047940365	0.320831672	1
T2DM	beta_cell	<i>TMEM38B</i>	-0.001870268	0.009768817	0.188377025	1
T2DM	beta_cell	<i>ZNF883</i>	-0.022282915	0.013027374	0.210975783	1
T2DM	beta_cell	<i>PRPF4</i>	-0.0031613	0.046667651	0.319727011	1
T2DM	beta_cell	<i>C5</i>	0.011789618	0.033009459	0.275029812	1
T2DM	beta_cell	<i>ARPC5L</i>	0.000558827	0.046859635	0.319727011	1
T2DM	beta_cell	<i>SH2D3C</i>	-0.020721074	6.81E-05	0.016986982	0.254804737
T2DM	beta_cell	<i>AKI</i>	-0.002384064	0.016154942	0.222042263	1
T2DM	beta_cell	<i>UCK1</i>	-0.00267647	0.034900891	0.281388431	1
T2DM	beta_cell	<i>DNLZ</i>	0.021199361	0.015122237	0.219152495	1
T2DM	beta_cell	<i>EXD3</i>	-0.003577937	0.037184406	0.28856014	1
T2DM	beta_cell	<i>PNPLA7</i>	-0.007888579	0.002384106	0.089189393	1
T2DM	beta_cell	<i>WDR37</i>	-0.001286957	0.021920986	0.235269101	1

T2DM	beta_cell	<i>AKR1C2</i>	-0.005127572	0.027926098	0.258054873	1
T2DM	beta_cell	<i>SEC61A2</i>	-0.004667746	0.038527849	0.291177138	1
T2DM	beta_cell	<i>RSU1</i>	0.003347771	0.000444812	0.037819141	1
T2DM	beta_cell	<i>TMEM236</i>	-0.008780892	0.000272782	0.030923608	1
T2DM	beta_cell	<i>MASTL</i>	-0.009293773	0.000131919	0.020562815	0.49350756
T2DM	beta_cell	<i>ACBD5</i>	0.001607566	0.022625073	0.238669395	1
T2DM	beta_cell	<i>NCOA4</i>	-0.001641301	0.038055932	0.289891394	1
T2DM	beta_cell	<i>ASAH2B</i>	-0.012752192	0.005687419	0.143761055	1
T2DM	beta_cell	<i>PHYHIPL</i>	-0.003948754	0.028528095	0.258619396	1
T2DM	beta_cell	<i>DLG5</i>	-0.00238411	0.003598511	0.114874637	1
T2DM	beta_cell	<i>LDB3</i>	-0.008349374	0.0272506	0.256460085	1
T2DM	beta_cell	<i>NUTM2A</i>	-0.047911317	0.021324454	0.232579541	1
T2DM	beta_cell	<i>LIPA</i>	-0.001800829	0.027680875	0.258054873	1
T2DM	beta_cell	<i>PLCE1</i>	-0.007248645	0.009734837	0.188377025	1
T2DM	beta_cell	<i>CWF19L1</i>	-0.004580138	0.019129594	0.226524895	1
T2DM	beta_cell	<i>SEMA4G</i>	0.010715386	7.67E-05	0.017924513	0.286792213
T2DM	beta_cell	<i>PPP2R2D</i>	-0.003417306	0.012505461	0.210975783	1
T2DM	beta_cell	<i>PRAP1</i>	-0.040653465	0.032546806	0.274192873	1
T2DM	beta_cell	<i>SPRN</i>	-0.003785402	0.04343268	0.306676405	1
T2DM	beta_cell	<i>NLRP6</i>	-0.039144507	0.028984035	0.261275359	1
T2DM	beta_cell	<i>DEAF1</i>	-0.001613865	0.008302655	0.174495686	1
T2DM	beta_cell	<i>TMEM80</i>	-0.007173223	0.000405927	0.037819141	1
T2DM	beta_cell	<i>CYB5R2</i>	-0.011698491	0.017342158	0.222042263	1
T2DM	beta_cell	<i>EIF3F</i>	-0.001088977	0.018295952	0.222948388	1
T2DM	beta_cell	<i>SAAL1</i>	0.004341521	0.024826373	0.247762684	1
T2DM	beta_cell	<i>ANO5</i>	-0.006270691	0.019912069	0.229691282	1
T2DM	beta_cell	<i>CD59</i>	-0.000480275	0.044587546	0.310618266	1
T2DM	beta_cell	<i>PDHX</i>	-0.006784911	0.000487451	0.039642503	1
T2DM	beta_cell	<i>TIMM10</i>	-0.002686517	0.020140717	0.229714702	1
T2DM	beta_cell	<i>MS4A8</i>	-0.004400091	0.028010334	0.258054873	1
T2DM	beta_cell	<i>PRPF19</i>	-0.0025831	0.025905022	0.253363548	1
T2DM	beta_cell	<i>TAF6L</i>	-0.004888564	0.023622072	0.243944452	1
T2DM	beta_cell	<i>NAA40</i>	-0.006042593	2.32E-05	0.009648127	0.086833139
T2DM	beta_cell	<i>EHBP1L1</i>	-0.006126741	0.009070657	0.183423393	1
T2DM	beta_cell	<i>SF3B2</i>	-0.001047731	0.005957195	0.146876822	1
T2DM	beta_cell	<i>PC</i>	-0.00786485	0.013415921	0.214037613	1
T2DM	beta_cell	<i>LRP5</i>	-0.006404146	0.034696857	0.281388431	1
T2DM	beta_cell	<i>FCHSD2</i>	-0.004597437	0.042804007	0.304429257	1
T2DM	beta_cell	<i>C2CD3</i>	-0.009723759	0.009358539	0.186224974	1
T2DM	beta_cell	<i>PGM2L1</i>	-0.002644492	0.019960718	0.229691282	1
T2DM	beta_cell	<i>ALG8</i>	0.004867804	0.013408704	0.214037613	1
T2DM	beta_cell	<i>NAALAD2</i>	-0.042260804	0.000425172	0.037819141	1
T2DM	beta_cell	<i>C11orf54</i>	0.001639751	0.033271022	0.275979805	1
T2DM	beta_cell	<i>TRPC6</i>	-0.013513494	0.028257638	0.258383739	1
T2DM	beta_cell	<i>MMP1</i>	0.002688879	0.001977638	0.080380702	1
T2DM	beta_cell	<i>ALKBH8</i>	-0.00864239	0.000166148	0.02390613	0.621559381
T2DM	beta_cell	<i>FDX1</i>	-0.002298495	0.023670633	0.243944452	1
T2DM	beta_cell	<i>SIDT2</i>	-0.004152532	0.009607677	0.188333328	1
T2DM	beta_cell	<i>RNF214</i>	-0.006638653	0.024198072	0.24576661	1
T2DM	beta_cell	<i>TRAPPC4</i>	-0.00179532	0.005193204	0.140780976	1
T2DM	beta_cell	<i>VPS11</i>	0.004649866	0.027353	0.256460085	1
T2DM	beta_cell	<i>HINFP</i>	-0.011166216	9.25E-05	0.018208262	0.345956975
T2DM	beta_cell	<i>TRIM29</i>	-0.020282395	0.031844817	0.272612034	1
T2DM	beta_cell	<i>CHEK1</i>	-0.009457377	0.009015673	0.183302347	1
T2DM	beta_cell	<i>ST3GAL4</i>	-0.002988609	0.030786353	0.27033538	1
T2DM	beta_cell	<i>SNX19</i>	-0.003567693	0.001269809	0.065977183	1

T2DM	beta_cell	<i>IGSF9B</i>	-0.010260428	0.022047262	0.235653738	1
T2DM	beta_cell	<i>CDC43</i>	-0.025306469	0.001598263	0.073816079	1
T2DM	beta_cell	<i>CLSTN3</i>	0.003645482	0.047374672	0.319727011	1
T2DM	beta_cell	<i>SLC2A14</i>	-0.039275521	0.001381615	0.067124959	1
T2DM	beta_cell	<i>PRR4</i>	-0.009466131	0.007552135	0.171227487	1
T2DM	beta_cell	<i>TAS2R14</i>	-0.012817742	0.029681927	0.26375318	1
T2DM	beta_cell	<i>TAS2R20</i>	-0.039770566	0.002316758	0.088626848	1
T2DM	beta_cell	<i>CREBL2</i>	-0.003857063	0.00489028	0.136526395	1
T2DM	beta_cell	<i>GYS2</i>	-0.038745798	0.018915001	0.226524895	1
T2DM	beta_cell	<i>CAPRN2</i>	-0.004310751	0.03633619	0.284752381	1
T2DM	beta_cell	<i>SLC38A4</i>	-0.005173247	0.041244473	0.299022428	1
T2DM	beta_cell	<i>SLC39A5</i>	-0.005155661	0.008110305	0.174466819	1
T2DM	beta_cell	<i>IL23A</i>	-0.00807969	0.022944924	0.239980338	1
T2DM	beta_cell	<i>AVIL</i>	-0.007956176	0.038070361	0.289891394	1
T2DM	beta_cell	<i>HELB</i>	-0.006615825	0.02456567	0.247762684	1
T2DM	beta_cell	<i>FRS2</i>	-0.003583352	0.039235695	0.293265229	1
T2DM	beta_cell	<i>KRR1</i>	-0.001677417	0.03483366	0.281388431	1
T2DM	beta_cell	<i>TMTC2</i>	-0.015806765	0.028264757	0.258383739	1
T2DM	beta_cell	<i>AMDHD1</i>	-0.025042904	0.019299496	0.226524895	1
T2DM	beta_cell	<i>IKBIP</i>	-0.003546584	0.025650613	0.251860745	1
T2DM	beta_cell	<i>PRDM4</i>	-0.001725348	0.025549449	0.251527597	1
T2DM	beta_cell	<i>WSCD2</i>	-0.0087694	0.032415746	0.274192873	1
T2DM	beta_cell	<i>CORO1C</i>	-0.003088393	0.032918353	0.275029812	1
T2DM	beta_cell	<i>DTX1</i>	-0.007433514	0.005325719	0.140961466	1
T2DM	beta_cell	<i>WSB2</i>	-0.003716379	0.008936181	0.183302347	1
T2DM	beta_cell	<i>PRKAB1</i>	0.004390333	0.015958311	0.222042263	1
T2DM	beta_cell	<i>ZNF10</i>	-0.003201627	0.020340141	0.230995545	1
T2DM	beta_cell	<i>MTMR6</i>	-0.004568789	0.008141064	0.174466819	1
T2DM	beta_cell	<i>MEDAG</i>	-0.002385382	0.038111663	0.289891394	1
T2DM	beta_cell	<i>TRPC4</i>	-0.009539758	0.011943863	0.208285147	1
T2DM	beta_cell	<i>PROSER1</i>	-0.0033646	0.043297771	0.306676405	1
T2DM	beta_cell	<i>DLEU1</i>	-0.003338166	0.027335928	0.256460085	1
T2DM	beta_cell	<i>ATP7B</i>	-0.019350581	0.017538166	0.222042263	1
T2DM	beta_cell	<i>CKAP2</i>	-0.005510754	0.020554298	0.230995545	1
T2DM	beta_cell	<i>IPO5</i>	-0.00156337	0.015811858	0.222042263	1
T2DM	beta_cell	<i>FGF14</i>	-0.002384304	0.010259148	0.190698694	1
T2DM	beta_cell	<i>PRMT5</i>	-0.007594909	0.026014115	0.253434387	1
T2DM	beta_cell	<i>SLC25A21</i>	-0.01687274	0.001941059	0.080380702	1
T2DM	beta_cell	<i>SLC25A21-AS1</i>	-0.006581662	0.014523932	0.216718906	1
T2DM	beta_cell	<i>MIPOL1</i>	-0.006661737	0.002671951	0.093418393	1
T2DM	beta_cell	<i>JKAMP</i>	-0.002103113	0.001675113	0.075583544	1
T2DM	beta_cell	<i>FAM161B</i>	-0.009513381	0.02080114	0.231598412	1
T2DM	beta_cell	<i>LIN52</i>	-0.004500469	0.005505681	0.142046557	1
T2DM	beta_cell	<i>ZC2HC1C</i>	-0.004210306	0.014116074	0.21628366	1
T2DM	beta_cell	<i>DDX24</i>	-0.000548478	0.031378182	0.271726339	1
T2DM	beta_cell	<i>TRAF3</i>	-0.004417396	0.007794611	0.174419078	1
T2DM	beta_cell	<i>INF2</i>	-0.005731084	0.021086841	0.232579541	1
T2DM	beta_cell	<i>ZBTB42</i>	-0.005254127	0.026886854	0.255981445	1
T2DM	beta_cell	<i>CEP170B</i>	-0.002158165	0.033516881	0.276791724	1
T2DM	beta_cell	<i>GOLGA8H</i>	0.034863616	0.046935461	0.319727011	1
T2DM	beta_cell	<i>GOLGA8O</i>	-0.016450878	0.00411972	0.124289305	1
T2DM	beta_cell	<i>ZFYVE19</i>	-0.005916467	0.034042068	0.279279337	1
T2DM	beta_cell	<i>CHP1</i>	-0.002022931	0.023414427	0.243314923	1
T2DM	beta_cell	<i>RPAP1</i>	-0.006128709	0.017495426	0.222042263	1
T2DM	beta_cell	<i>SPTBN5</i>	-0.021671779	0.041670838	0.299928333	1
T2DM	beta_cell	<i>CYP19A1</i>	0.024689698	0.000124695	0.020562815	0.466485086

T2DM	beta_cell	<i>DMXL2</i>	-0.004685996	0.010076679	0.189431438	1
T2DM	beta_cell	<i>LIPC</i>	-0.013332681	0.010656162	0.194461956	1
T2DM	beta_cell	<i>ADAM10</i>	-0.003024591	0.01659419	0.222042263	1
T2DM	beta_cell	<i>BNIP2</i>	-0.001826417	0.044789373	0.311444323	1
T2DM	beta_cell	<i>TPM1</i>	-0.000559634	0.034023856	0.279279337	1
T2DM	beta_cell	<i>SPG21</i>	-0.002999315	2.12E-05	0.009648127	0.079411639
T2DM	beta_cell	<i>HCN4</i>	-0.017102312	0.013699465	0.21533486	1
T2DM	beta_cell	<i>RPP25</i>	-0.003133689	0.007832773	0.174419078	1
T2DM	beta_cell	<i>MAN2C1</i>	-0.001930255	0.030952126	0.270375009	1
T2DM	beta_cell	<i>PSMA4</i>	-0.001350688	0.006701376	0.155713334	1
T2DM	beta_cell	<i>CTSH</i>	-0.00214203	0.020444942	0.230995545	1
T2DM	beta_cell	<i>C15orf40</i>	-0.001810869	0.034384759	0.28024702	1
T2DM	beta_cell	<i>AP3S2</i>	-0.001575454	0.014090982	0.21628366	1
T2DM	beta_cell	<i>SEMA4B</i>	-0.004156704	0.047599768	0.319727011	1
T2DM	beta_cell	<i>IQGAP1</i>	-0.001335811	0.041564042	0.299928333	1
T2DM	beta_cell	<i>LINC00930</i>	-0.047631288	0.000890081	0.058054147	1
T2DM	beta_cell	<i>WDR90</i>	0.009384678	0.00199294	0.080380702	1
T2DM	beta_cell	<i>TRAF7</i>	-0.004027218	0.012705755	0.210975783	1
T2DM	beta_cell	<i>BRICD5</i>	-0.03343631	0.001317026	0.066251599	1
T2DM	beta_cell	<i>MGRN1</i>	-0.002327341	0.038222751	0.289891394	1
T2DM	beta_cell	<i>PMM2</i>	-0.004083763	0.022580711	0.238669395	1
T2DM	beta_cell	<i>XPO6</i>	-0.005732824	0.009549415	0.188333328	1
T2DM	beta_cell	<i>HSD3B7</i>	0.004903881	0.011192363	0.201442002	1
T2DM	beta_cell	<i>STX1B</i>	0.009935864	0.027905829	0.258054873	1
T2DM	beta_cell	<i>HEATR3</i>	-0.005865938	0.024863613	0.247762684	1
T2DM	beta_cell	<i>RBL2</i>	-0.00262686	0.001998237	0.080380702	1
T2DM	beta_cell	<i>MMP15</i>	-0.005887288	0.009669059	0.188377025	1
T2DM	beta_cell	<i>CLEC18A</i>	-0.014360125	0.015991138	0.222042263	1
T2DM	beta_cell	<i>IST1</i>	-0.001527183	0.016127049	0.222042263	1
T2DM	beta_cell	<i>NUDT7</i>	-0.014128075	0.001939392	0.080380702	1
T2DM	beta_cell	<i>RNF166</i>	-0.003945017	0.038280232	0.289891394	1
T2DM	beta_cell	<i>ACSF3</i>	0.00208911	0.041456983	0.299928333	1
T2DM	beta_cell	<i>ZNF778</i>	0.002601893	0.047689835	0.319727011	1
T2DM	beta_cell	<i>RPH3AL</i>	-0.004612297	0.022606645	0.238669395	1
T2DM	beta_cell	<i>C17orf97</i>	-0.003257385	0.047500699	0.319727011	1
T2DM	beta_cell	<i>GEMIN4</i>	-0.006932395	0.023900179	0.24460317	1
T2DM	beta_cell	<i>SRR</i>	-0.00431032	0.037664182	0.289891394	1
T2DM	beta_cell	<i>TRPV3</i>	-0.018724809	0.012975307	0.210975783	1
T2DM	beta_cell	<i>VMO1</i>	-0.006935468	0.021948387	0.235269101	1
T2DM	beta_cell	<i>PLD2</i>	-0.014817465	0.006747618	0.155819995	1
T2DM	beta_cell	<i>SPAG7</i>	-0.002082563	0.018860953	0.226524895	1
T2DM	beta_cell	<i>ZNF232</i>	-0.009785532	0.016436241	0.222042263	1
T2DM	beta_cell	<i>USP6</i>	-0.054598226	0.000525995	0.041866996	1
T2DM	beta_cell	<i>DERL2</i>	-0.002715563	9.66E-06	0.007228752	0.036143758
T2DM	beta_cell	<i>ATP1B2</i>	-0.009277427	0.047102433	0.319727011	1
T2DM	beta_cell	<i>MFSD6L</i>	-0.019841713	0.023491036	0.243434812	1
T2DM	beta_cell	<i>TMEM220</i>	-0.00264091	0.043359683	0.306676405	1
T2DM	beta_cell	<i>MYO15A</i>	-0.018501164	0.00031773	0.034959612	1
T2DM	beta_cell	<i>FAM106A</i>	0.008818127	0.006085292	0.146876822	1
T2DM	beta_cell	<i>TP53I13</i>	-0.001960356	0.036474518	0.284866749	1
T2DM	beta_cell	<i>RHBDL3</i>	-0.015365281	0.01860469	0.225959909	1
T2DM	beta_cell	<i>SPACA3</i>	-0.026852692	0.020863992	0.23160888	1
T2DM	beta_cell	<i>NBR2</i>	-0.005390514	0.039536863	0.293467074	1
T2DM	beta_cell	<i>CIQL1</i>	-0.004300079	0.001548677	0.073669689	1
T2DM	beta_cell	<i>DCAKD</i>	-0.004983375	0.002481744	0.09168938	1
T2DM	beta_cell	<i>NMT1</i>	0.001109715	0.032152901	0.274192873	1

T2DM	beta_cell	<i>PRR15L</i>	-0.008279083	0.000677007	0.047786486	1
T2DM	beta_cell	<i>CHAD</i>	-0.058318432	0.005735046	0.143992006	1
T2DM	beta_cell	<i>ABCC3</i>	-0.005112292	0.013677716	0.21533486	1
T2DM	beta_cell	<i>ANKRD40</i>	-0.00290351	0.016503338	0.222042263	1
T2DM	beta_cell	<i>TOMIL1</i>	-0.00409515	0.014512722	0.216718906	1
T2DM	beta_cell	<i>COX11</i>	-0.001068515	0.015422201	0.219370548	1
T2DM	beta_cell	<i>HLF</i>	-0.003214404	0.008652476	0.180472018	1
T2DM	beta_cell	<i>TEX14</i>	-0.004915868	0.036107755	0.284495738	1
T2DM	beta_cell	<i>RPS6KB1</i>	0.001566041	0.012852045	0.210975783	1
T2DM	beta_cell	<i>HEATR6</i>	-0.006571572	0.026114295	0.253749548	1
T2DM	beta_cell	<i>LIMD2</i>	-0.005996253	0.011327958	0.202377813	1
T2DM	beta_cell	<i>C17orf80</i>	-0.007759747	0.002896687	0.098513697	1
T2DM	beta_cell	<i>ITGB4</i>	-0.015796602	0.015091276	0.219152495	1
T2DM	beta_cell	<i>FBF1</i>	-0.00956287	0.010149453	0.18984552	1
T2DM	beta_cell	<i>EVPL</i>	-0.022055502	0.012939876	0.210975783	1
T2DM	beta_cell	<i>SRP68</i>	-0.003574786	0.007985296	0.174466819	1
T2DM	beta_cell	<i>PRPSAP1</i>	-0.003943335	0.028386987	0.258383739	1
T2DM	beta_cell	<i>SYNGR2</i>	0.001377271	0.038777058	0.292135018	1
T2DM	beta_cell	<i>CCDC57</i>	-0.003792306	0.014150547	0.21628366	1
T2DM	beta_cell	<i>ENOSF1</i>	-0.001874775	0.021455506	0.232674724	1
T2DM	beta_cell	<i>LINC00667</i>	0.001913078	9.02E-05	0.018208262	0.337607159
T2DM	beta_cell	<i>SPIRE1</i>	-0.001992258	0.039632712	0.293536892	1
T2DM	beta_cell	<i>TMEM241</i>	-0.014771481	0.006085514	0.146876822	1
T2DM	beta_cell	<i>NPC1</i>	0.001873636	0.031077587	0.270375009	1
T2DM	beta_cell	<i>TPGS2</i>	-0.002377081	0.043890993	0.3077282	1
T2DM	beta_cell	<i>TXNL4A</i>	0.001446338	0.004274566	0.127327279	1
T2DM	beta_cell	<i>ARID3A</i>	-0.006402032	0.001011106	0.058054147	1
T2DM	beta_cell	<i>LSM7</i>	-0.001147155	0.006647818	0.155434288	1
T2DM	beta_cell	<i>APBA3</i>	-0.01248871	0.007893191	0.174466819	1
T2DM	beta_cell	<i>PLIN3</i>	0.000964002	0.032357281	0.274192873	1
T2DM	beta_cell	<i>ARRDC5</i>	-0.029198892	0.00919824	0.184013981	1
T2DM	beta_cell	<i>XAB2</i>	-0.002311684	0.042041848	0.301299912	1
T2DM	beta_cell	<i>ZNF490</i>	0.010139964	0.000129422	0.020562815	0.484167016
T2DM	beta_cell	<i>MRII</i>	-0.007543934	0.014100445	0.21628366	1
T2DM	beta_cell	<i>PALM3</i>	0.010730821	0.000660407	0.047786486	1
T2DM	beta_cell	<i>ZNF333</i>	-0.003458181	0.017661463	0.222042263	1
T2DM	beta_cell	<i>CYP4F11</i>	-0.01135969	0.016557975	0.222042263	1
T2DM	beta_cell	<i>MRPL34</i>	-0.001342775	0.024195695	0.24576661	1
T2DM	beta_cell	<i>YJEFN3</i>	-0.011637584	0.0294989	0.26375318	1
T2DM	beta_cell	<i>ZNF681</i>	0.0067525	0.000441307	0.037819141	1
T2DM	beta_cell	<i>KCTD15</i>	0.016090055	0.014424315	0.216718906	1
T2DM	beta_cell	<i>ZNF30</i>	-0.011818135	0.013544014	0.21469557	1
T2DM	beta_cell	<i>MAG</i>	-0.022747104	0.04089134	0.298816487	1
T2DM	beta_cell	<i>CD22</i>	-0.012368839	0.017121829	0.222042263	1
T2DM	beta_cell	<i>UPK1A</i>	0.034198465	0.010607554	0.194461956	1
T2DM	beta_cell	<i>APLP1</i>	-0.001720491	0.011200197	0.201442002	1
T2DM	beta_cell	<i>PPP1R14A</i>	-0.005352523	0.027075383	0.256427869	1
T2DM	beta_cell	<i>CAPN12</i>	-0.00275692	0.046970543	0.319727011	1
T2DM	beta_cell	<i>ZNF780A</i>	-0.005318731	0.000770242	0.052302256	1
T2DM	beta_cell	<i>C19orf54</i>	-0.017581519	0.041690118	0.299928333	1
T2DM	beta_cell	<i>BCKDHA</i>	-0.007570984	0.000942082	0.058054147	1
T2DM	beta_cell	<i>PHLDB3</i>	-0.007272916	0.016803036	0.222042263	1
T2DM	beta_cell	<i>SMG9</i>	-0.004461609	0.000925178	0.058054147	1
T2DM	beta_cell	<i>LYPD5</i>	0.00743503	0.017151247	0.222042263	1
T2DM	beta_cell	<i>ZNF404</i>	-0.02722425	0.033352634	0.276044697	1
T2DM	beta_cell	<i>ZNF223</i>	0.003353575	0.035699856	0.283537796	1

T2DM	beta_cell	<i>ZNF234</i>	-0.01001983	0.025213003	0.250190568	1
T2DM	beta_cell	<i>PRKD2</i>	-0.003316593	0.033100415	0.275174784	1
T2DM	beta_cell	<i>PLA2G4C</i>	-0.007351602	0.012878498	0.210975783	1
T2DM	beta_cell	<i>PPFIA3</i>	-0.007208608	3.32E-05	0.011283065	0.124113711
T2DM	beta_cell	<i>PRR12</i>	-0.00709285	0.001039729	0.058054147	1
T2DM	beta_cell	<i>FUZ</i>	-0.011455217	7.18E-06	0.00671542	0.026861681
T2DM	beta_cell	<i>NUP62</i>	-0.003570144	0.005596274	0.143394926	1
T2DM	beta_cell	<i>NAPSA</i>	-0.025648172	0.004288489	0.127327279	1
T2DM	beta_cell	<i>KLK11</i>	0.009701205	0.037866138	0.289891394	1
T2DM	beta_cell	<i>ZNF175</i>	-0.005091107	0.014132374	0.21628366	1
T2DM	beta_cell	<i>ZNF528</i>	-0.004037151	0.017131068	0.222042263	1
T2DM	beta_cell	<i>ZNF320</i>	-0.023412607	0.007930931	0.174466819	1
T2DM	beta_cell	<i>ZNF816</i>	-0.005657664	0.005379828	0.140961466	1
T2DM	beta_cell	<i>PRKCG</i>	-0.021531218	0.005360127	0.140961466	1
T2DM	beta_cell	<i>NLRP2</i>	-0.011615208	0.011818402	0.208285147	1
T2DM	beta_cell	<i>GP6</i>	-0.017753062	0.003238411	0.107211478	1
T2DM	beta_cell	<i>EPS8L1</i>	-0.0202881	0.000625606	0.047786486	1
T2DM	beta_cell	<i>SSC5D</i>	0.005908244	0.042429424	0.302339954	1
T2DM	beta_cell	<i>ZNF211</i>	0.009483228	3.19E-12	1.19E-08	1.19E-08
T2DM	beta_cell	<i>ZNF329</i>	0.004417949	0.003442833	0.111031371	1
T2DM	beta_cell	<i>RSPO4</i>	-0.041340745	0.021227528	0.232579541	1
T2DM	beta_cell	<i>DDRKG1</i>	-0.002587082	0.04768705	0.319727011	1
T2DM	beta_cell	<i>SLC23A2</i>	-0.002623969	0.048673009	0.323995954	1
T2DM	beta_cell	<i>LINC00654</i>	-0.030904948	0.010297016	0.190698694	1
T2DM	beta_cell	<i>ABHD12</i>	-0.002256022	0.018153133	0.222042263	1
T2DM	beta_cell	<i>MAPRE1</i>	-0.001386226	0.028551139	0.258619396	1
T2DM	beta_cell	<i>PTPRT</i>	-0.00765766	0.00261922	0.092438715	1
T2DM	beta_cell	<i>DNTTIP1</i>	-0.003574338	0.014718924	0.216718906	1
T2DM	beta_cell	<i>NCOA3</i>	0.002015569	0.008254645	0.174466819	1
T2DM	beta_cell	<i>ARFGEF2</i>	-0.003048585	0.028074935	0.258054873	1
T2DM	beta_cell	<i>KCNG1</i>	-0.01123217	0.004114259	0.124289305	1
T2DM	beta_cell	<i>VAPB</i>	-0.001618244	0.013178833	0.21250868	1
T2DM	beta_cell	<i>CDH4</i>	-0.031641079	0.026473794	0.255254792	1
T2DM	beta_cell	<i>OGFR</i>	-0.002707486	0.039274493	0.293265229	1
T2DM	beta_cell	<i>RGS19</i>	-0.009587118	0.034774864	0.281388431	1
T2DM	beta_cell	<i>OPRL1</i>	-0.0233784	0.002588883	0.092238218	1
T2DM	beta_cell	<i>IFNAR2</i>	-0.002072786	0.026945089	0.255981445	1
T2DM	beta_cell	<i>IFNGR2</i>	-0.003662443	0.020472014	0.230995545	1
T2DM	beta_cell	<i>CBRI</i>	-0.002763731	0.046014906	0.31760473	1
T2DM	beta_cell	<i>BRWD1</i>	-0.001935153	0.000231864	0.028913425	0.867402758
T2DM	beta_cell	<i>HMGNI</i>	-0.000807332	0.000997303	0.058054147	1
T2DM	beta_cell	<i>LCA5L</i>	-0.005956702	0.04231226	0.302080464	1
T2DM	beta_cell	<i>NDUFB3</i>	-0.001640599	0.016295932	0.222042263	1
T2DM	beta_cell	<i>PCBP3</i>	0.004635236	0.012826523	0.210975783	1
T2DM	beta_cell	<i>LSS</i>	-0.004357586	0.02620502	0.253971455	1
T2DM	beta_cell	<i>SLC25A1</i>	-0.00378241	0.004359458	0.127411976	1
T2DM	beta_cell	<i>COMT</i>	-0.002977799	0.017170281	0.222042263	1
T2DM	beta_cell	<i>ZNF74</i>	-0.011757082	0.013445292	0.214037613	1
T2DM	beta_cell	<i>TCN2</i>	-0.003496987	0.027337761	0.256460085	1
T2DM	beta_cell	<i>APOL4</i>	-0.019066457	0.002291794	0.088626848	1
T2DM	beta_cell	<i>FAM83F</i>	-0.003411108	0.000265602	0.030923608	0.993618558
T2DM	beta_cell	<i>POLR3H</i>	-0.003034597	0.036122822	0.284495738	1
T2DM	beta_cell	<i>TBC1D22A</i>	-0.00281841	0.018116008	0.222042263	1
T2DM	beta_cell	<i>MIOX</i>	-0.018843685	0.000980492	0.058054147	1
T2DM	delta_cell	<i>LINC00115</i>	-0.006550141	0.00211289	0.093010955	1
T2DM	delta_cell	<i>NOC2L</i>	-0.002127768	0.004604238	0.123225907	1

T2DM	delta_cell	<i>MTHFR</i>	-0.004837702	0.000862479	0.067438239	1
T2DM	delta_cell	<i>NECAP2</i>	0.002604246	0.000958625	0.068965663	1
T2DM	delta_cell	<i>MFAP2</i>	0.00743954	0.023398651	0.268913193	1
T2DM	delta_cell	<i>KLHDC7A</i>	-0.011949722	0.019446631	0.244496071	1
T2DM	delta_cell	<i>EMC1</i>	-0.00295706	0.035651586	0.319180577	1
T2DM	delta_cell	<i>KDM1A</i>	-0.003253263	0.000415385	0.048561119	1
T2DM	delta_cell	<i>NCMAP</i>	-0.010183192	0.000468618	0.048935672	1
T2DM	delta_cell	<i>RHD</i>	-0.031178351	0.005599532	0.135147412	1
T2DM	delta_cell	<i>SFN</i>	-0.009896004	0.023433761	0.268913193	1
T2DM	delta_cell	<i>SLC9A1</i>	-0.004360045	0.046463953	0.37141378	1
T2DM	delta_cell	<i>CSMD2</i>	0.013032495	0.033524353	0.312295095	1
T2DM	delta_cell	<i>C1orf109</i>	-0.00254776	0.016087051	0.219834518	1
T2DM	delta_cell	<i>MYCL</i>	-0.006771588	0.002891809	0.103806423	1
T2DM	delta_cell	<i>COL9A2</i>	-0.003371375	0.001570605	0.082755378	1
T2DM	delta_cell	<i>CITED4</i>	0.002114054	0.040841386	0.344893055	1
T2DM	delta_cell	<i>FAM183A</i>	0.006226055	0.018265039	0.237812203	1
T2DM	delta_cell	<i>HYI</i>	-0.003492448	0.019834986	0.245704244	1
T2DM	delta_cell	<i>POMGNT1</i>	-0.004865884	0.021863852	0.25965927	1
T2DM	delta_cell	<i>TTC4</i>	0.005729492	9.08E-08	0.000339729	0.000339729
T2DM	delta_cell	<i>TNNI3K</i>	-0.03027762	0.000443473	0.048935672	1
T2DM	delta_cell	<i>GNG5</i>	-0.000710622	0.023675862	0.270860555	1
T2DM	delta_cell	<i>RBMXL1</i>	-0.00424976	0.010026881	0.17947638	1
T2DM	delta_cell	<i>LRRC39</i>	-0.014262512	3.88E-05	0.012086782	0.14504139
T2DM	delta_cell	<i>RTCA</i>	0.002959137	0.00164085	0.084087922	1
T2DM	delta_cell	<i>SYPL2</i>	0.006181969	0.025036583	0.27425212	1
T2DM	delta_cell	<i>WARS2</i>	-0.004823597	0.029189119	0.292751992	1
T2DM	delta_cell	<i>MTMR11</i>	-0.012039485	0.007732587	0.158100848	1
T2DM	delta_cell	<i>CTSK</i>	-0.002351323	0.011346558	0.19506923	1
T2DM	delta_cell	<i>CCT3</i>	-0.00144356	0.004273413	0.118421023	1
T2DM	delta_cell	<i>CD84</i>	-0.008699316	0.04403823	0.358925965	1
T2DM	delta_cell	<i>ALDH9A1</i>	-0.002817741	0.004021	0.113529241	1
T2DM	delta_cell	<i>ATP1B1</i>	-0.000634697	0.015665248	0.21705071	1
T2DM	delta_cell	<i>NME7</i>	-0.004582931	0.004901077	0.127325884	1
T2DM	delta_cell	<i>C1orf112</i>	-0.009908346	0.012620297	0.204255746	1
T2DM	delta_cell	<i>GORAB</i>	-0.002977577	0.035698271	0.319180577	1
T2DM	delta_cell	<i>MRPS14</i>	-0.008308795	0.001145682	0.076535627	1
T2DM	delta_cell	<i>ANGPTL1</i>	-0.0112648	0.000481587	0.048935672	1
T2DM	delta_cell	<i>RGS2</i>	-0.001544271	0.048004122	0.377276093	1
T2DM	delta_cell	<i>PM20D1</i>	0.00833315	0.024051787	0.271657718	1
T2DM	delta_cell	<i>SRP9</i>	-0.001064438	0.021975112	0.260154729	1
T2DM	delta_cell	<i>SH3YL1</i>	-0.001768316	0.0182507	0.237812203	1
T2DM	delta_cell	<i>CPSF3</i>	-0.007374151	0.004066538	0.113529241	1
T2DM	delta_cell	<i>TTC32</i>	-0.001294701	0.003554687	0.107232887	1
T2DM	delta_cell	<i>KHK</i>	-0.003559793	0.042207811	0.353741168	1
T2DM	delta_cell	<i>ACYP2</i>	-0.001623523	0.043164576	0.354898196	1
T2DM	delta_cell	<i>RTN4</i>	0.00060312	0.000483994	0.048935672	1
T2DM	delta_cell	<i>ACTR2</i>	-0.000821476	0.026319102	0.278922832	1
T2DM	delta_cell	<i>PPP3R1</i>	-0.001372257	0.013258341	0.205125761	1
T2DM	delta_cell	<i>CLEC4F</i>	0.027772944	0.013344381	0.205125761	1
T2DM	delta_cell	<i>NAT8</i>	0.002058093	0.042577859	0.354388187	1
T2DM	delta_cell	<i>TPRKB</i>	-0.001489039	0.036013949	0.320019438	1
T2DM	delta_cell	<i>LBX2</i>	-0.017638656	0.00768828	0.158100848	1
T2DM	delta_cell	<i>REG3G</i>	0.00106263	0.016096304	0.219834518	1
T2DM	delta_cell	<i>ITPRIPL1</i>	-0.021336607	0.001111682	0.075614573	1
T2DM	delta_cell	<i>LYGI</i>	-0.018039598	0.001872499	0.090259832	1
T2DM	delta_cell	<i>POLR1B</i>	0.003360039	0.034450678	0.314341435	1

T2DM	delta_cell	<i>CHCHD5</i>	0.00164245	0.028560295	0.288219199	1
T2DM	delta_cell	<i>MAP3K2</i>	0.000790716	0.002672825	0.102902347	1
T2DM	delta_cell	<i>CCDC115</i>	-0.002561733	0.025456602	0.274541255	1
T2DM	delta_cell	<i>CERS6</i>	-0.002277426	0.047167871	0.37463908	1
T2DM	delta_cell	<i>SPC25</i>	-0.006225059	0.00758261	0.158100848	1
T2DM	delta_cell	<i>FASTKD1</i>	-0.004128342	0.039211243	0.335775102	1
T2DM	delta_cell	<i>DNAH7</i>	0.004646892	0.013410003	0.205125761	1
T2DM	delta_cell	<i>FTCDNL1</i>	-0.019629328	0.045893449	0.36763896	1
T2DM	delta_cell	<i>FAM117B</i>	-0.005502441	0.029438234	0.293675827	1
T2DM	delta_cell	<i>SMARCA1</i>	-0.005928421	0.008790275	0.166925993	1
T2DM	delta_cell	<i>ARMC9</i>	-0.002818543	0.003799947	0.111933882	1
T2DM	delta_cell	<i>ANO7</i>	-0.024352464	0.005574583	0.135147412	1
T2DM	delta_cell	<i>CNTN4</i>	-0.011333534	0.001459125	0.080368565	1
T2DM	delta_cell	<i>BRK1</i>	-0.001101643	0.035748907	0.319180577	1
T2DM	delta_cell	<i>EFHB</i>	0.008222374	0.00211332	0.093010955	1
T2DM	delta_cell	<i>CTDSPL</i>	-0.00152615	0.02654643	0.278961224	1
T2DM	delta_cell	<i>POMGNT2</i>	-0.008515655	0.00037417	0.048267972	1
T2DM	delta_cell	<i>NCKIPSD</i>	-0.006102419	0.003397003	0.104165473	1
T2DM	delta_cell	<i>ARIH2</i>	-0.002313408	0.003611693	0.107232887	1
T2DM	delta_cell	<i>P4HTM</i>	-0.001513014	0.007770789	0.158100848	1
T2DM	delta_cell	<i>DALRD3</i>	-0.005497159	0.027190625	0.28241229	1
T2DM	delta_cell	<i>QRICH1</i>	0.002274725	0.003195124	0.103806423	1
T2DM	delta_cell	<i>AMT</i>	-0.00725276	0.013426328	0.205125761	1
T2DM	delta_cell	<i>RBM6</i>	-0.001067744	0.03027225	0.298464254	1
T2DM	delta_cell	<i>HYAL3</i>	-0.015495389	0.007709093	0.158100848	1
T2DM	delta_cell	<i>PXK</i>	-0.002625699	0.026477298	0.278961224	1
T2DM	delta_cell	<i>ZNF717</i>	0.001789255	0.028586541	0.288219199	1
T2DM	delta_cell	<i>GUCA1C</i>	-0.027202945	0.034195699	0.313369849	1
T2DM	delta_cell	<i>ATP6V1A</i>	-0.002932515	0.011900773	0.200544104	1
T2DM	delta_cell	<i>HSPBAP1</i>	-0.006083157	0.01947603	0.244496071	1
T2DM	delta_cell	<i>KALRN</i>	-0.012333021	0.000772895	0.067438239	1
T2DM	delta_cell	<i>SLC41A3</i>	0.002470187	0.001948972	0.09113879	1
T2DM	delta_cell	<i>RBP1</i>	-0.000524797	0.023976544	0.271657718	1
T2DM	delta_cell	<i>CHST2</i>	-0.003712437	0.036959893	0.326101316	1
T2DM	delta_cell	<i>PLCH1</i>	-0.015686331	0.000347692	0.048267972	1
T2DM	delta_cell	<i>MRPL47</i>	0.001023143	0.012896363	0.205125761	1
T2DM	delta_cell	<i>EPHB3</i>	-0.015980358	0.002512451	0.102902347	1
T2DM	delta_cell	<i>VPS8</i>	-0.005933681	0.028371804	0.288219199	1
T2DM	delta_cell	<i>LSG1</i>	0.003892847	0.005350119	0.132548307	1
T2DM	delta_cell	<i>GAK</i>	-0.002869779	0.033770383	0.312658673	1
T2DM	delta_cell	<i>SLC26A1</i>	-0.029210463	0.011806791	0.199860662	1
T2DM	delta_cell	<i>DOK7</i>	0.016443427	0.002909535	0.103806423	1
T2DM	delta_cell	<i>SH3TC1</i>	0.002714748	0.028660129	0.288219199	1
T2DM	delta_cell	<i>SLC2A9</i>	0.008914927	0.006811805	0.148156759	1
T2DM	delta_cell	<i>DCAF16</i>	0.001468432	0.009451756	0.174037972	1
T2DM	delta_cell	<i>ANAPC4</i>	-0.012091998	3.89E-07	0.000484879	0.001454637
T2DM	delta_cell	<i>RPL9</i>	-0.000227415	0.021824329	0.25965927	1
T2DM	delta_cell	<i>NSUN7</i>	0.005465142	0.006571395	0.144149415	1
T2DM	delta_cell	<i>GNPDA2</i>	0.003435434	0.002695651	0.102902347	1
T2DM	delta_cell	<i>OCIAD1</i>	-0.001806248	0.002022725	0.092280672	1
T2DM	delta_cell	<i>SRD5A3</i>	-0.006128392	6.68E-06	0.004166207	0.024997241
T2DM	delta_cell	<i>AASDH</i>	-0.003815585	0.014115581	0.205125761	1
T2DM	delta_cell	<i>ARL9</i>	-0.006751242	0.031540998	0.303099645	1
T2DM	delta_cell	<i>CXCL6</i>	-0.004091277	0.032989373	0.310494915	1
T2DM	delta_cell	<i>ART3</i>	0.018309087	0.032067794	0.306817433	1
T2DM	delta_cell	<i>CXCL11</i>	-0.03711073	0.007332397	0.156745697	1

T2DM	delta_cell	<i>ANXA3</i>	-0.004932813	0.00280412	0.103806423	1
T2DM	delta_cell	<i>PPA2</i>	-0.003175949	0.001997592	0.092259167	1
T2DM	delta_cell	<i>TIFA</i>	-0.005766025	0.001432209	0.080368565	1
T2DM	delta_cell	<i>ZNF827</i>	-0.003312099	0.043713883	0.357841651	1
T2DM	delta_cell	<i>RXFP1</i>	-0.041651322	0.002909505	0.103806423	1
T2DM	delta_cell	<i>ANXA10</i>	-0.00728184	0.039039083	0.335775102	1
T2DM	delta_cell	<i>AADAT</i>	-0.009149658	0.029801439	0.295721975	1
T2DM	delta_cell	<i>SAP30</i>	-0.002374541	0.013601582	0.205125761	1
T2DM	delta_cell	<i>WDR17</i>	-0.008411682	0.012216742	0.202145792	1
T2DM	delta_cell	<i>PDCD6</i>	-0.001774914	0.015468145	0.215116475	1
T2DM	delta_cell	<i>MRPL36</i>	0.000897309	0.035574587	0.319180577	1
T2DM	delta_cell	<i>DNAH5</i>	0.011040473	2.95E-05	0.011046206	0.110462064
T2DM	delta_cell	<i>GOLPH3</i>	-0.001669283	0.007818406	0.158100848	1
T2DM	delta_cell	<i>SPEF2</i>	-0.007584195	0.042639971	0.354388187	1
T2DM	delta_cell	<i>NNT</i>	0.002392108	0.01389137	0.205125761	1
T2DM	delta_cell	<i>MAP1B</i>	0.000569737	0.003599088	0.107232887	1
T2DM	delta_cell	<i>POC5</i>	-0.003303761	0.008571811	0.164495743	1
T2DM	delta_cell	<i>IQGAP2</i>	-0.008122596	0.005949882	0.13825161	1
T2DM	delta_cell	<i>PDE8B</i>	0.002865839	0.016195705	0.219935267	1
T2DM	delta_cell	<i>RPS23</i>	-0.000268865	0.015224872	0.212523301	1
T2DM	delta_cell	<i>ERAP2</i>	-0.004199594	0.037403967	0.328470045	1
T2DM	delta_cell	<i>REEP5</i>	-0.000911259	0.000109523	0.022008017	0.409726827
T2DM	delta_cell	<i>DCP2</i>	-0.003220052	0.027874542	0.285099305	1
T2DM	delta_cell	<i>HINT1</i>	-0.000359268	0.002656602	0.102902347	1
T2DM	delta_cell	<i>SMAD5</i>	-0.000985752	0.003108091	0.103806423	1
T2DM	delta_cell	<i>PCDHB11</i>	0.004449422	0.019571863	0.244877395	1
T2DM	delta_cell	<i>GALNT10</i>	0.008153709	1.38E-06	0.00102946	0.005147302
T2DM	delta_cell	<i>SLU7</i>	0.000801021	0.04037836	0.344089848	1
T2DM	delta_cell	<i>FI2</i>	0.009271602	0.005105341	0.129047853	1
T2DM	delta_cell	<i>FAM153A</i>	0.029023525	1.38E-05	0.006474796	0.051798368
T2DM	delta_cell	<i>RNF130</i>	-0.003677629	0.006231624	0.143344682	1
T2DM	delta_cell	<i>ATXN1</i>	-0.001633699	0.049697214	0.38093696	1
T2DM	delta_cell	<i>KIAA0319</i>	-0.008094473	0.013924585	0.205125761	1
T2DM	delta_cell	<i>BTN3A2</i>	0.009805244	0.03234643	0.307126887	1
T2DM	delta_cell	<i>ZFP57</i>	-0.018324553	0.002683682	0.102902347	1
T2DM	delta_cell	<i>RNF39</i>	-0.016021758	0.0013402	0.080368565	1
T2DM	delta_cell	<i>ABCF1</i>	-0.001879572	0.043343209	0.355585404	1
T2DM	delta_cell	<i>VAR2</i>	0.009399283	0.000857688	0.067438239	1
T2DM	delta_cell	<i>CCHCR1</i>	-0.011068369	0.006407394	0.144149415	1
T2DM	delta_cell	<i>C4B</i>	-0.035761592	0.034941827	0.315742452	1
T2DM	delta_cell	<i>PPT2</i>	-0.010276335	0.008302961	0.162625003	1
T2DM	delta_cell	<i>HLA-DQA2</i>	-0.015357246	0.025226906	0.27425212	1
T2DM	delta_cell	<i>HLA-DQB2</i>	-0.043387328	0.004472581	0.123028861	1
T2DM	delta_cell	<i>HLA-DOB</i>	-0.037029676	0.02740751	0.283236171	1
T2DM	delta_cell	<i>HLA-DMB</i>	-0.006596115	0.013672927	0.205125761	1
T2DM	delta_cell	<i>HLA-DMA</i>	-0.002312527	0.046957568	0.373762261	1
T2DM	delta_cell	<i>HLA-DOA</i>	-0.025338385	0.014647817	0.207566229	1
T2DM	delta_cell	<i>HMGAI</i>	-0.000908053	0.018931917	0.240898984	1
T2DM	delta_cell	<i>KCNK17</i>	-0.005303008	0.049476936	0.38093696	1
T2DM	delta_cell	<i>GCLC</i>	-0.002764251	0.027252295	0.28241229	1
T2DM	delta_cell	<i>KIAA1586</i>	-0.00393712	0.045203348	0.363668227	1
T2DM	delta_cell	<i>LMBRD1</i>	-0.002687382	0.014272952	0.205125761	1
T2DM	delta_cell	<i>B3GAT2</i>	-0.009129534	0.000918947	0.067737138	1
T2DM	delta_cell	<i>OGFRL1</i>	-0.003806148	0.00818557	0.16116957	1
T2DM	delta_cell	<i>IRAK1BP1</i>	0.00576812	0.000107811	0.022008017	0.403322497
T2DM	delta_cell	<i>BCKDHB</i>	-0.004318918	0.005929086	0.13825161	1

T2DM	delta_cell	<i>SRSF12</i>	-0.006223264	0.048543603	0.378336709	1
T2DM	delta_cell	<i>FAXC</i>	-0.006094687	0.023043966	0.266867412	1
T2DM	delta_cell	<i>SCML4</i>	0.010213269	0.025984606	0.277738314	1
T2DM	delta_cell	<i>FRK</i>	-0.002889693	0.029771545	0.295721975	1
T2DM	delta_cell	<i>SMPDL3A</i>	-0.001854806	0.018210552	0.237812203	1
T2DM	delta_cell	<i>EPM2A</i>	-0.012742003	0.000369928	0.048267972	1
T2DM	delta_cell	<i>PLEKHG1</i>	-0.004985315	0.013041712	0.205125761	1
T2DM	delta_cell	<i>DYNLT1</i>	-0.001226396	0.010664715	0.189984274	1
T2DM	delta_cell	<i>CYP2W1</i>	0.045063253	0.020283653	0.248790647	1
T2DM	delta_cell	<i>TMEM184A</i>	-0.005307008	0.025171341	0.27425212	1
T2DM	delta_cell	<i>CARD11</i>	-0.00840259	0.001283074	0.080368565	1
T2DM	delta_cell	<i>KDELR2</i>	-0.000831609	0.012815578	0.204884949	1
T2DM	delta_cell	<i>JAZF1</i>	-0.003678105	0.022939504	0.266867412	1
T2DM	delta_cell	<i>CRHR2</i>	0.026483039	0.000657543	0.063073535	1
T2DM	delta_cell	<i>BLVRA</i>	-0.001232264	0.048660305	0.378408167	1
T2DM	delta_cell	<i>DBNL</i>	-0.00413165	0.004532319	0.123224979	1
T2DM	delta_cell	<i>ASL</i>	-0.008919008	0.000188853	0.032113533	0.706497726
T2DM	delta_cell	<i>CLDN4</i>	-0.001062203	0.032199737	0.307066563	1
T2DM	delta_cell	<i>LIMK1</i>	-0.008714265	0.03303314	0.310494915	1
T2DM	delta_cell	<i>GTF2IRD2</i>	-0.002017257	0.042766861	0.354388187	1
T2DM	delta_cell	<i>UPK3B</i>	-0.040969041	0.001024074	0.070945597	1
T2DM	delta_cell	<i>GSAP</i>	-0.006882833	0.039223127	0.335775102	1
T2DM	delta_cell	<i>PON1</i>	-0.012932647	2.21E-05	0.009181306	0.082631757
T2DM	delta_cell	<i>ASB4</i>	-0.020941113	0.000111776	0.022008017	0.418152314
T2DM	delta_cell	<i>TFR2</i>	-0.030599398	0.006857648	0.148291677	1
T2DM	delta_cell	<i>PRKRIP1</i>	-0.004075014	0.01141945	0.19506923	1
T2DM	delta_cell	<i>TES</i>	-0.002325085	0.016459513	0.221492945	1
T2DM	delta_cell	<i>TSPAN12</i>	0.003921016	0.023822587	0.271657718	1
T2DM	delta_cell	<i>FAM3C</i>	-0.00205245	0.03411662	0.313369849	1
T2DM	delta_cell	<i>TSPAN33</i>	-0.004104681	0.017195963	0.22812091	1
T2DM	delta_cell	<i>SLC35B4</i>	-0.004404958	0.023112815	0.266867412	1
T2DM	delta_cell	<i>REPIN1</i>	-0.001338744	0.031328528	0.302842439	1
T2DM	delta_cell	<i>GIMAP6</i>	-0.005999068	0.000202323	0.032908249	0.75688973
T2DM	delta_cell	<i>NCAPG2</i>	-0.015596781	0.021170622	0.25630841	1
T2DM	delta_cell	<i>ESYT2</i>	0.004036094	0.014959839	0.21038687	1
T2DM	delta_cell	<i>PCMI</i>	-0.001104297	0.021513259	0.258246458	1
T2DM	delta_cell	<i>PPP3CC</i>	0.002981216	0.013806031	0.205125761	1
T2DM	delta_cell	<i>C8orf58</i>	0.005636928	0.006353282	0.144046224	1
T2DM	delta_cell	<i>BIN3</i>	0.002807422	0.009268696	0.171729879	1
T2DM	delta_cell	<i>TNFRSF10D</i>	0.005472038	0.030770646	0.298994774	1
T2DM	delta_cell	<i>LYN</i>	-0.003435146	0.018709175	0.240651396	1
T2DM	delta_cell	<i>RAB2A</i>	-0.00108068	0.012721622	0.204255746	1
T2DM	delta_cell	<i>XKR9</i>	0.018418912	0.023017378	0.266867412	1
T2DM	delta_cell	<i>PEX2</i>	0.002333235	0.000156796	0.027932123	0.586574574
T2DM	delta_cell	<i>SNX16</i>	-0.009118811	0.008035959	0.159560414	1
T2DM	delta_cell	<i>RMDN1</i>	-0.00313483	0.01575186	0.217445417	1
T2DM	delta_cell	<i>INTS8</i>	0.003579161	0.009698679	0.176129899	1
T2DM	delta_cell	<i>TSPLY5</i>	-0.004221521	0.021655782	0.258831563	1
T2DM	delta_cell	<i>SAMD12</i>	-0.003149191	0.033848373	0.312658673	1
T2DM	delta_cell	<i>ASAP1</i>	-0.002704458	0.033289624	0.3120718	1
T2DM	delta_cell	<i>GSDMD</i>	-0.006562884	0.001439067	0.080368565	1
T2DM	delta_cell	<i>EPPK1</i>	-0.009036049	0.006438619	0.144149415	1
T2DM	delta_cell	<i>GRHPR</i>	-0.00185605	0.006514025	0.144149415	1
T2DM	delta_cell	<i>FBXO10</i>	-0.008223215	0.024276198	0.271657718	1
T2DM	delta_cell	<i>ANKRD18A</i>	-0.01114206	0.019027074	0.2412891	1
T2DM	delta_cell	<i>PCSK5</i>	-0.005595651	0.024248376	0.271657718	1

T2DM	delta_cell	<i>INVS</i>	0.006152753	0.003929067	0.113529241	1
T2DM	delta_cell	<i>TMEM38B</i>	0.001878052	0.009930478	0.178605369	1
T2DM	delta_cell	<i>GNG10</i>	-0.001211991	0.003543356	0.107232887	1
T2DM	delta_cell	<i>BSPRY</i>	-0.003666373	0.007963494	0.159312457	1
T2DM	delta_cell	<i>C5</i>	-0.014360642	0.009272771	0.171729879	1
T2DM	delta_cell	<i>RABGAP1</i>	-0.003290701	0.027718563	0.284876768	1
T2DM	delta_cell	<i>OLFML2A</i>	-0.009886485	0.012050661	0.201919787	1
T2DM	delta_cell	<i>ZNF79</i>	-0.010989297	0.029407338	0.293675827	1
T2DM	delta_cell	<i>PHYHDI</i>	-0.012050472	0.018804315	0.240651396	1
T2DM	delta_cell	<i>RAPGEF1</i>	-0.003422489	0.030556485	0.298464254	1
T2DM	delta_cell	<i>SARDH</i>	-0.019578303	0.042361947	0.353741168	1
T2DM	delta_cell	<i>SEC16A</i>	-0.002760607	0.026936158	0.281726831	1
T2DM	delta_cell	<i>GTPBP4</i>	-0.001111465	0.024489636	0.272665853	1
T2DM	delta_cell	<i>AKRIC2</i>	0.005934094	0.010992379	0.193465975	1
T2DM	delta_cell	<i>CAMK1D</i>	-0.009225783	0.026076993	0.277931714	1
T2DM	delta_cell	<i>RSU1</i>	-0.002720046	0.004636431	0.123225907	1
T2DM	delta_cell	<i>MRC1</i>	-0.006936055	0.01426557	0.205125761	1
T2DM	delta_cell	<i>MASTL</i>	-0.005481354	0.024288504	0.271657718	1
T2DM	delta_cell	<i>ARHGAP12</i>	-0.003767922	0.001881921	0.090259832	1
T2DM	delta_cell	<i>CSGALNACT2</i>	0.002279396	0.003036725	0.103806423	1
T2DM	delta_cell	<i>ALOX5</i>	0.00542234	0.003068383	0.103806423	1
T2DM	delta_cell	<i>AGAP4</i>	-0.013780526	6.68E-07	0.000625175	0.002500701
T2DM	delta_cell	<i>AGAP9</i>	-0.005037894	0.043884108	0.358450761	1
T2DM	delta_cell	<i>C10orf71</i>	-0.034799742	0.032257995	0.307066563	1
T2DM	delta_cell	<i>STOX1</i>	0.009627031	0.012265997	0.202145792	1
T2DM	delta_cell	<i>SGPL1</i>	0.004097473	3.50E-07	0.000484879	0.001309644
T2DM	delta_cell	<i>ADK</i>	-0.002078462	0.044541668	0.362239953	1
T2DM	delta_cell	<i>VDAC2</i>	-0.001365703	0.004816067	0.125992347	1
T2DM	delta_cell	<i>PTEN</i>	0.001488269	6.82E-05	0.01700557	0.255083555
T2DM	delta_cell	<i>LIPA</i>	-0.003319358	5.01E-05	0.01441184	0.18735392
T2DM	delta_cell	<i>SLC35G1</i>	-0.004937882	0.039144695	0.335775102	1
T2DM	delta_cell	<i>LCOR</i>	-0.002415538	0.025954249	0.277738314	1
T2DM	delta_cell	<i>MARVELD1</i>	-0.004591026	0.041435786	0.348339946	1
T2DM	delta_cell	<i>SEMA4G</i>	0.005768133	0.034234529	0.313369849	1
T2DM	delta_cell	<i>AS3MT</i>	0.007068205	0.002690415	0.102902347	1
T2DM	delta_cell	<i>GSTO2</i>	0.001208778	0.04484778	0.362403123	1
T2DM	delta_cell	<i>PWWP2B</i>	-0.007259655	0.004545589	0.123224979	1
T2DM	delta_cell	<i>SPRN</i>	0.004360367	0.020217429	0.248790647	1
T2DM	delta_cell	<i>BET1L</i>	-0.001882745	0.026544994	0.278961224	1
T2DM	delta_cell	<i>B4GALNT4</i>	-0.008828866	0.031533966	0.303099645	1
T2DM	delta_cell	<i>DEAF1</i>	-0.001249968	0.040666294	0.344893055	1
T2DM	delta_cell	<i>TMEM80</i>	-0.005827743	0.004040147	0.113529241	1
T2DM	delta_cell	<i>OSBPL5</i>	-0.010768004	0.049668101	0.38093696	1
T2DM	delta_cell	<i>ZNF195</i>	-0.002619324	0.037845296	0.330792649	1
T2DM	delta_cell	<i>EIF3F</i>	-0.001188882	0.009902526	0.178605369	1
T2DM	delta_cell	<i>ZNF143</i>	-0.006761963	0.003188564	0.103806423	1
T2DM	delta_cell	<i>MUC15</i>	-0.023706476	0.00087569	0.067438239	1
T2DM	delta_cell	<i>LMO2</i>	-0.002034226	0.026960226	0.281726831	1
T2DM	delta_cell	<i>FAM180B</i>	-0.03513856	0.030380148	0.298464254	1
T2DM	delta_cell	<i>TIMM10</i>	-0.002589743	0.025465334	0.274541255	1
T2DM	delta_cell	<i>GLYATL1</i>	-0.045634382	0.024326473	0.271657718	1
T2DM	delta_cell	<i>MS4A14</i>	-0.03045546	0.013648335	0.205125761	1
T2DM	delta_cell	<i>CD5</i>	-0.032467003	0.025598619	0.275185157	1
T2DM	delta_cell	<i>NAA40</i>	-0.005034054	0.000414336	0.048561119	1
T2DM	delta_cell	<i>SAC3D1</i>	0.004013391	0.0143111	0.205125761	1
T2DM	delta_cell	<i>EHBPIL1</i>	-0.005932004	0.011403036	0.19506923	1

T2DM	delta_cell	<i>GAL3ST3</i>	-0.029498805	0.018313607	0.237812203	1
T2DM	delta_cell	<i>XRRR1</i>	-0.002149977	0.012673282	0.204255746	1
T2DM	delta_cell	<i>TSKU</i>	-0.003990228	0.03822142	0.332526351	1
T2DM	delta_cell	<i>CREBZF</i>	-0.002806652	0.030533829	0.298464254	1
T2DM	delta_cell	<i>KDM4E</i>	-0.044080578	0.0008071	0.067438239	1
T2DM	delta_cell	<i>MMP1</i>	0.002097203	0.016101218	0.219834518	1
T2DM	delta_cell	<i>IL18</i>	-0.006054092	0.011375408	0.19506923	1
T2DM	delta_cell	<i>BCO2</i>	-0.008552165	0.002532616	0.102902347	1
T2DM	delta_cell	<i>TRIM29</i>	-0.018471088	0.04972403	0.38093696	1
T2DM	delta_cell	<i>CCDC15</i>	0.022885623	0.048446619	0.378336709	1
T2DM	delta_cell	<i>FAM118B</i>	0.013217712	0.005800448	0.13745073	1
T2DM	delta_cell	<i>SNX19</i>	0.003241942	0.003380535	0.104165473	1
T2DM	delta_cell	<i>GLBIL2</i>	0.008721685	0.02311046	0.266867412	1
T2DM	delta_cell	<i>B3GAT1</i>	-0.027817764	0.001317461	0.080368565	1
T2DM	delta_cell	<i>TEAD4</i>	-0.004686906	0.008574357	0.164495743	1
T2DM	delta_cell	<i>TAS2R43</i>	-0.015275813	0.014409136	0.205459998	1
T2DM	delta_cell	<i>PYROXD1</i>	-0.002354827	0.022193608	0.261498029	1
T2DM	delta_cell	<i>ARID2</i>	-0.004819154	0.017119082	0.22812091	1
T2DM	delta_cell	<i>SLC38A4</i>	-0.007001314	0.005674681	0.136083205	1
T2DM	delta_cell	<i>TUBA1C</i>	-0.001025817	0.03917451	0.335775102	1
T2DM	delta_cell	<i>DNAJC22</i>	-0.00365843	0.041099967	0.346294996	1
T2DM	delta_cell	<i>COX14</i>	-0.001278822	0.012383799	0.203192065	1
T2DM	delta_cell	<i>TFCP2</i>	-0.003884814	0.023896959	0.271657718	1
T2DM	delta_cell	<i>GALNT6</i>	-0.017054765	0.020063198	0.247710973	1
T2DM	delta_cell	<i>EIF4B</i>	-0.001356006	0.027139	0.28241229	1
T2DM	delta_cell	<i>GTSF1</i>	-0.03537898	0.005321567	0.132548307	1
T2DM	delta_cell	<i>SARNP</i>	-0.003278082	0.006245705	0.143344682	1
T2DM	delta_cell	<i>TSFM</i>	-0.0037758	0.006521195	0.144149415	1
T2DM	delta_cell	<i>LRIG3</i>	-0.00741797	0.000123834	0.023163115	0.463262307
T2DM	delta_cell	<i>SRGAP1</i>	0.001323882	0.033367741	0.3120718	1
T2DM	delta_cell	<i>HELB</i>	-0.009377715	0.001469475	0.080368565	1
T2DM	delta_cell	<i>MYRFL</i>	-0.042090593	0.001800034	0.089785696	1
T2DM	delta_cell	<i>ACSS3</i>	-0.015595514	0.025291896	0.27425212	1
T2DM	delta_cell	<i>UTP20</i>	-0.007454765	0.025223201	0.27425212	1
T2DM	delta_cell	<i>DTX1</i>	-0.006917563	0.009549831	0.174272778	1
T2DM	delta_cell	<i>SIRT4</i>	-0.027731413	0.003302049	0.103806423	1
T2DM	delta_cell	<i>GATC</i>	-0.004392639	0.020380743	0.248993917	1
T2DM	delta_cell	<i>POP5</i>	-0.003318761	0.002732413	0.103252084	1
T2DM	delta_cell	<i>BRI3BP</i>	0.008318185	0.000515576	0.050757116	1
T2DM	delta_cell	<i>SERTM1</i>	-0.003688669	0.010980204	0.193465975	1
T2DM	delta_cell	<i>TRPC4</i>	-0.00901037	0.018198575	0.237812203	1
T2DM	delta_cell	<i>EBPL</i>	-0.002630576	0.002423212	0.102902347	1
T2DM	delta_cell	<i>PIBF1</i>	-0.007063226	5.42E-05	0.014486133	0.202805858
T2DM	delta_cell	<i>FGF14</i>	-0.001967483	0.033558575	0.312295095	1
T2DM	delta_cell	<i>NFATC4</i>	-0.005074431	0.003169115	0.103806423	1
T2DM	delta_cell	<i>CFL2</i>	0.002563516	0.003298828	0.103806423	1
T2DM	delta_cell	<i>SLC25A21</i>	-0.015385202	0.004705612	0.123969676	1
T2DM	delta_cell	<i>SLC25A21-ASI</i>	-0.006672169	0.013247467	0.205125761	1
T2DM	delta_cell	<i>MIPOL1</i>	-0.005839228	0.008486078	0.164495743	1
T2DM	delta_cell	<i>BMP4</i>	-0.004415139	0.015015583	0.21038687	1
T2DM	delta_cell	<i>DAAMI</i>	-0.001809587	0.00161204	0.08375889	1
T2DM	delta_cell	<i>JKAMP</i>	-0.001886264	0.005074618	0.129047853	1
T2DM	delta_cell	<i>ESR2</i>	-0.008232641	0.033664351	0.312502079	1
T2DM	delta_cell	<i>HSPA2</i>	-0.003069056	0.000466086	0.048935672	1
T2DM	delta_cell	<i>SPTB</i>	-0.002991112	0.009173141	0.171729879	1
T2DM	delta_cell	<i>TMED8</i>	0.000953071	0.013981651	0.205125761	1

T2DM	delta_cell	<i>BCL11B</i>	-0.008992009	0.02760575	0.284498931	1
T2DM	delta_cell	<i>EML1</i>	-0.002946868	0.009199223	0.171729879	1
T2DM	delta_cell	<i>BAG5</i>	-0.002054105	0.000923441	0.067737138	1
T2DM	delta_cell	<i>CHRNA7</i>	-0.009870196	0.002950844	0.103806423	1
T2DM	delta_cell	<i>DISP2</i>	-0.008550675	0.01419411	0.205125761	1
T2DM	delta_cell	<i>CHAC1</i>	-0.009704293	0.002692545	0.102902347	1
T2DM	delta_cell	<i>UBR1</i>	-0.003508868	0.040619459	0.344893055	1
T2DM	delta_cell	<i>SERF2</i>	0.000447052	0.028511433	0.288219199	1
T2DM	delta_cell	<i>SPATA5L1</i>	-0.004025289	0.022676378	0.265932075	1
T2DM	delta_cell	<i>RAB27A</i>	-0.002688613	0.028362175	0.288219199	1
T2DM	delta_cell	<i>TPM1</i>	0.000593428	0.024820389	0.27390288	1
T2DM	delta_cell	<i>ISLR2</i>	-0.023038397	0.048264378	0.377734389	1
T2DM	delta_cell	<i>AP3B2</i>	-0.008304432	0.01635459	0.220875527	1
T2DM	delta_cell	<i>SEMA4B</i>	0.004327319	0.038771987	0.335754635	1
T2DM	delta_cell	<i>LYSMD4</i>	-0.003981893	0.048755075	0.378408167	1
T2DM	delta_cell	<i>WFIKKN1</i>	-0.010724056	0.001327683	0.080368565	1
T2DM	delta_cell	<i>FAHDI</i>	0.005498114	0.003026508	0.103806423	1
T2DM	delta_cell	<i>TRAF7</i>	-0.003210248	0.04753208	0.375142428	1
T2DM	delta_cell	<i>MLST8</i>	-0.004229298	0.004993261	0.128826141	1
T2DM	delta_cell	<i>MGRN1</i>	-0.002355791	0.035841283	0.319243427	1
T2DM	delta_cell	<i>RMI2</i>	0.033885377	0.000360899	0.048267972	1
T2DM	delta_cell	<i>ACSM1</i>	-0.043950056	0.01171828	0.199264027	1
T2DM	delta_cell	<i>DCTN5</i>	-0.005462351	0.001667246	0.084286034	1
T2DM	delta_cell	<i>SLC5A11</i>	-0.020867222	0.00726258	0.15614548	1
T2DM	delta_cell	<i>LCMT1</i>	-0.002467389	0.018848131	0.240651396	1
T2DM	delta_cell	<i>AQP8</i>	0.005146209	0.013797839	0.205125761	1
T2DM	delta_cell	<i>NFATC2IP</i>	-0.006790621	0.003261544	0.103806423	1
T2DM	delta_cell	<i>DOC2A</i>	-0.018204506	0.003974068	0.113529241	1
T2DM	delta_cell	<i>STX1B</i>	0.012583375	0.005386499	0.13257166	1
T2DM	delta_cell	<i>SLC5A2</i>	0.016901091	0.000988942	0.069804409	1
T2DM	delta_cell	<i>CLEC18A</i>	-0.012503518	0.03633826	0.32213609	1
T2DM	delta_cell	<i>PHLPP2</i>	-0.002319578	0.003259009	0.103806423	1
T2DM	delta_cell	<i>TXNL4B</i>	-0.004989249	0.032918641	0.310494915	1
T2DM	delta_cell	<i>GLG1</i>	-0.000962276	0.018741911	0.240651396	1
T2DM	delta_cell	<i>GCSH</i>	-0.002444203	0.008061192	0.159560414	1
T2DM	delta_cell	<i>FANCA</i>	-0.008768452	0.013983675	0.205125761	1
T2DM	delta_cell	<i>SPIRE2</i>	-0.00675362	0.016226178	0.219935267	1
T2DM	delta_cell	<i>DEF8</i>	-0.001787428	3.57E-05	0.012086782	0.133716097
T2DM	delta_cell	<i>INPP5K</i>	-0.005449452	0.019701148	0.245065972	1
T2DM	delta_cell	<i>RABEP1</i>	-0.004104793	0.009148619	0.171729879	1
T2DM	delta_cell	<i>DERL2</i>	-0.00159757	0.009490443	0.174037972	1
T2DM	delta_cell	<i>EFNB3</i>	-0.00237248	0.049795082	0.38093696	1
T2DM	delta_cell	<i>CNTROB</i>	-0.01205974	0.012121637	0.201919787	1
T2DM	delta_cell	<i>TMEM220</i>	-0.003773363	0.003924595	0.113529241	1
T2DM	delta_cell	<i>CDRT15</i>	-0.026875377	0.047407033	0.37494653	1
T2DM	delta_cell	<i>ADORA2B</i>	0.01992977	0.030423247	0.298464254	1
T2DM	delta_cell	<i>TTC19</i>	-0.001801092	0.000401497	0.048561119	1
T2DM	delta_cell	<i>RAI1</i>	-0.003378061	0.001862557	0.090259832	1
T2DM	delta_cell	<i>PRPSAP2</i>	-0.002585169	0.003107708	0.103806423	1
T2DM	delta_cell	<i>LYRM9</i>	-0.00347821	0.024781814	0.27390288	1
T2DM	delta_cell	<i>VTN</i>	0.00108505	0.007541788	0.158100848	1
T2DM	delta_cell	<i>LIG3</i>	0.003845173	0.019717952	0.245065972	1
T2DM	delta_cell	<i>SLFN5</i>	-0.003512139	0.005541106	0.135147412	1
T2DM	delta_cell	<i>SLFN12</i>	-0.016719944	0.039770412	0.339682907	1
T2DM	delta_cell	<i>GGNBP2</i>	-0.002368916	0.00764153	0.158100848	1
T2DM	delta_cell	<i>PGAP3</i>	-0.005814424	0.000263462	0.039424464	0.985611612

T2DM	delta_cell	<i>NR1D1</i>	-0.003762983	0.004006009	0.113529241	1
T2DM	delta_cell	<i>NT5C3B</i>	-0.00201255	0.013681901	0.205125761	1
T2DM	delta_cell	<i>BECN1</i>	-0.002568746	0.00068001	0.06359795	1
T2DM	delta_cell	<i>ACBD4</i>	-0.004977673	0.048197558	0.377734389	1
T2DM	delta_cell	<i>TBKBP1</i>	-0.010738681	0.003374167	0.104165473	1
T2DM	delta_cell	<i>PRR15L</i>	-0.005179003	0.03426043	0.313369849	1
T2DM	delta_cell	<i>HOXB3</i>	-0.007996176	0.02143262	0.258246458	1
T2DM	delta_cell	<i>PPM1E</i>	-0.013468114	0.001420503	0.080368565	1
T2DM	delta_cell	<i>LINC01152</i>	0.015648518	0.047305451	0.374935786	1
T2DM	delta_cell	<i>USP36</i>	-0.001732542	0.04665305	0.372130195	1
T2DM	delta_cell	<i>FSCN2</i>	-0.010183344	0.034862723	0.315742452	1
T2DM	delta_cell	<i>MYOM1</i>	-0.008764903	0.012144334	0.201919787	1
T2DM	delta_cell	<i>TWSG1</i>	0.004499984	0.021537796	0.258246458	1
T2DM	delta_cell	<i>VAPA</i>	-0.000900572	0.019096571	0.241352275	1
T2DM	delta_cell	<i>MPPE1</i>	-0.002112079	0.049895512	0.38093696	1
T2DM	delta_cell	<i>POTEC</i>	0.022964981	0.003082834	0.103806423	1
T2DM	delta_cell	<i>ANKRD30B</i>	0.019901837	0.00522796	0.131260404	1
T2DM	delta_cell	<i>ZNF24</i>	-0.001338299	0.034537854	0.314370101	1
T2DM	delta_cell	<i>SLC14A1</i>	-0.010659154	0.005065429	0.129047853	1
T2DM	delta_cell	<i>ME2</i>	-0.004570486	0.001482339	0.080368565	1
T2DM	delta_cell	<i>PIGN</i>	-0.004541751	0.012691439	0.204255746	1
T2DM	delta_cell	<i>REEP6</i>	-0.011042036	0.003025364	0.103806423	1
T2DM	delta_cell	<i>ZNF556</i>	-0.0102022	0.044981569	0.362663896	1
T2DM	delta_cell	<i>GNAI5</i>	-0.015585612	0.037565774	0.32911841	1
T2DM	delta_cell	<i>STAP2</i>	-0.003843301	0.044769831	0.362403123	1
T2DM	delta_cell	<i>UBXN6</i>	0.002376236	0.001534314	0.081998138	1
T2DM	delta_cell	<i>SLC25A41</i>	0.040282364	0.000729998	0.066607859	1
T2DM	delta_cell	<i>ZNF558</i>	-0.006770211	0.048985763	0.379016364	1
T2DM	delta_cell	<i>MAN2B1</i>	-0.00433005	0.003008575	0.103806423	1
T2DM	delta_cell	<i>CC2D1A</i>	-0.004396389	0.008537396	0.164495743	1
T2DM	delta_cell	<i>ABHD8</i>	-0.004723546	0.002112897	0.093010955	1
T2DM	delta_cell	<i>MRPL34</i>	0.00164247	0.005830846	0.13745073	1
T2DM	delta_cell	<i>CCDC124</i>	-0.001894598	0.008787537	0.166925993	1
T2DM	delta_cell	<i>PBX4</i>	-0.032593499	0.004644441	0.123225907	1
T2DM	delta_cell	<i>ZNF98</i>	-0.012116015	0.011102075	0.194078797	1
T2DM	delta_cell	<i>ZNF254</i>	-0.002551692	0.017943832	0.237200968	1
T2DM	delta_cell	<i>LRP3</i>	-0.009799481	0.011015304	0.193465975	1
T2DM	delta_cell	<i>ZNF30</i>	-0.014499623	0.002481827	0.102902347	1
T2DM	delta_cell	<i>UPK1A</i>	-0.043193796	0.001301966	0.080368565	1
T2DM	delta_cell	<i>U2AF1L4</i>	-0.008935897	0.000883313	0.067438239	1
T2DM	delta_cell	<i>PPP1R14A</i>	0.005798029	0.017072473	0.22812091	1
T2DM	delta_cell	<i>RINL</i>	-0.002379872	0.014197148	0.205125761	1
T2DM	delta_cell	<i>ITPKC</i>	-0.00302349	0.006352401	0.144046224	1
T2DM	delta_cell	<i>CEACAM21</i>	-0.049846082	0.013742395	0.205125761	1
T2DM	delta_cell	<i>CEACAM19</i>	-0.004771179	0.025075883	0.27425212	1
T2DM	delta_cell	<i>CBLC</i>	-0.020785789	0.006589027	0.144149415	1
T2DM	delta_cell	<i>ERCC2</i>	-0.011576086	0.018371485	0.237812203	1
T2DM	delta_cell	<i>PPP1R13L</i>	0.004889705	0.044852351	0.362403123	1
T2DM	delta_cell	<i>GIPR</i>	-0.006460261	0.024620962	0.273314597	1
T2DM	delta_cell	<i>SLC6A16</i>	0.008588942	0.030761069	0.298994774	1
T2DM	delta_cell	<i>ATF5</i>	-0.002893614	0.049036065	0.379016364	1
T2DM	delta_cell	<i>SIGLEC11</i>	-0.0331691	0.042916039	0.35441259	1
T2DM	delta_cell	<i>SIGLEC12</i>	0.048904277	0.013037613	0.205125761	1
T2DM	delta_cell	<i>ZNF816</i>	-0.006484472	0.00142135	0.080368565	1
T2DM	delta_cell	<i>DNAAF3</i>	0.005903165	0.038682059	0.335753088	1
T2DM	delta_cell	<i>ZNF667</i>	-0.003817263	0.020433342	0.248993917	1

T2DM	delta_cell	<i>ZNF417</i>	-0.007367912	0.038102197	0.332261812	1
T2DM	delta_cell	<i>RBCK1</i>	-0.003574373	7.58E-05	0.017721937	0.283550999
T2DM	delta_cell	<i>VPS16</i>	-0.004537858	0.045649491	0.366469409	1
T2DM	delta_cell	<i>MAVS</i>	-0.003171152	0.026175726	0.278191447	1
T2DM	delta_cell	<i>TMEM230</i>	0.001030603	0.042818353	0.354388187	1
T2DM	delta_cell	<i>FLRT3</i>	-0.003070564	0.031193419	0.302317569	1
T2DM	delta_cell	<i>APMAP</i>	0.002501882	0.012502186	0.204238764	1
T2DM	delta_cell	<i>MAP1LC3A</i>	0.001241615	0.042356304	0.353741168	1
T2DM	delta_cell	<i>NCOA6</i>	-0.001848287	0.002161061	0.094006143	1
T2DM	delta_cell	<i>MROH8</i>	0.005499213	0.032445588	0.307288469	1
T2DM	delta_cell	<i>MATN4</i>	-0.013068068	0.014177797	0.205125761	1
T2DM	delta_cell	<i>DNTTIP1</i>	-0.00322485	0.027892635	0.285099305	1
T2DM	delta_cell	<i>ZSWIM1</i>	-0.011413158	0.002203722	0.094760055	1
T2DM	delta_cell	<i>BCAS4</i>	-0.004959826	0.007446843	0.158100848	1
T2DM	delta_cell	<i>CABLES2</i>	-0.007802778	0.017165458	0.22812091	1
T2DM	delta_cell	<i>LIME1</i>	0.011273865	0.007941046	0.159312457	1
T2DM	delta_cell	<i>CCT8</i>	-0.002325566	0.001331125	0.080368565	1
T2DM	delta_cell	<i>IFNAR1</i>	-0.002965464	0.001919208	0.090882992	1
T2DM	delta_cell	<i>IFNGR2</i>	-0.005283177	0.000823981	0.067438239	1
T2DM	delta_cell	<i>TMEM50B</i>	0.001929481	0.014444261	0.205459998	1
T2DM	delta_cell	<i>CLDN14</i>	0.007844306	0.022228381	0.261498029	1
T2DM	delta_cell	<i>LCA5L</i>	-0.009780409	0.0008442	0.067438239	1
T2DM	delta_cell	<i>SH3BGR</i>	-0.008947723	0.000239763	0.037373054	0.896953285
T2DM	delta_cell	<i>LINC00205</i>	-0.008213851	0.047791324	0.376394405	1
T2DM	delta_cell	<i>MICAL3</i>	-0.002619312	0.034670729	0.314813581	1
T2DM	delta_cell	<i>DGCR6</i>	-0.011266289	0.005841932	0.13745073	1
T2DM	delta_cell	<i>TOP3B</i>	-0.005588214	0.043120052	0.354898196	1
T2DM	delta_cell	<i>BCR</i>	-0.002956636	0.031598199	0.303099645	1
T2DM	delta_cell	<i>SLC2A11</i>	0.00730376	0.021063698	0.255841859	1
T2DM	delta_cell	<i>SUSD2</i>	0.005081854	0.037335599	0.328470045	1
T2DM	delta_cell	<i>SPECC1L</i>	-0.004318	0.011295561	0.19506923	1
T2DM	delta_cell	<i>SEC14L6</i>	-0.009523807	0.014791944	0.208817601	1
T2DM	delta_cell	<i>PLA2G6</i>	-0.005788196	0.01377765	0.205125761	1
T2DM	delta_cell	<i>CBX6</i>	-0.001121063	0.035043229	0.315895714	1
T2DM	delta_cell	<i>CCDC134</i>	-0.008712527	0.040839066	0.344893055	1
T2DM	delta_cell	<i>A4GALT</i>	0.002707678	0.030508917	0.298464254	1
T2DM	delta_cell	<i>TTL12</i>	0.003789243	0.036431442	0.322198639	1
T2DM	delta_cell	<i>RIBC2</i>	-0.045403706	0.002642623	0.102902347	1
T2DM	delta_cell	<i>TBC1D22A</i>	-0.005251779	1.07E-05	0.005697645	0.039883512
T2DM	delta_cell	<i>HDAC10</i>	0.007463798	0.007811542	0.158100848	1
T2DM	duct_epithelial_cell	<i>NOC2L</i>	-0.001594001	0.033802979	0.4105745	1
T2DM	duct_epithelial_cell	<i>MIB2</i>	-0.002903212	0.047123982	0.459090667	1
T2DM	duct_epithelial_cell	<i>PEX10</i>	-0.004524802	0.023844733	0.339175464	1
T2DM	duct_epithelial_cell	<i>FBXO6</i>	-0.004597396	0.01612088	0.289943332	1
T2DM	duct_epithelial_cell	<i>NECAP2</i>	-0.001623951	0.040812945	0.44182602	1
T2DM	duct_epithelial_cell	<i>MUL1</i>	-0.005204508	0.005031586	0.171207126	1
T2DM	duct_epithelial_cell	<i>CDA</i>	-0.014167292	0.005034158	0.171207126	1
T2DM	duct_epithelial_cell	<i>EPHB2</i>	-0.003994089	0.022092654	0.330908292	1
T2DM	duct_epithelial_cell	<i>C1orf109</i>	-0.002529482	0.017155244	0.299896115	1
T2DM	duct_epithelial_cell	<i>NDUFS5</i>	-0.001146435	0.000450672	0.049095919	1
T2DM	duct_epithelial_cell	<i>EXO5</i>	-0.004354715	0.046663363	0.459090667	1
T2DM	duct_epithelial_cell	<i>CITED4</i>	0.002602563	0.011954678	0.252669217	1
T2DM	duct_epithelial_cell	<i>CTPS1</i>	0.005328342	0.011022687	0.248408868	1
T2DM	duct_epithelial_cell	<i>FAM183A</i>	0.005392879	0.038630869	0.435295421	1
T2DM	duct_epithelial_cell	<i>SLC5A9</i>	0.055640873	0.006074956	0.183538746	1
T2DM	duct_epithelial_cell	<i>EPS15</i>	0.00276548	0.001633101	0.098539213	1

T2DM	duct_epithelial_cell	<i>PODN</i>	0.004505441	0.000103519	0.019363217	0.387264342
T2DM	duct_epithelial_cell	<i>PRKACB</i>	-0.001749656	0.019984061	0.325038345	1
T2DM	duct_epithelial_cell	<i>CTBS</i>	-0.003213589	0.002594751	0.13481892	1
T2DM	duct_epithelial_cell	<i>ZNHIT6</i>	-0.003209545	0.046243898	0.459090667	1
T2DM	duct_epithelial_cell	<i>GBP5</i>	-0.037243078	0.032247006	0.40755422	1
T2DM	duct_epithelial_cell	<i>HFM1</i>	0.015755563	8.89E-05	0.017495351	0.332411672
T2DM	duct_epithelial_cell	<i>SLC44A3</i>	-0.004337574	0.015383466	0.286316147	1
T2DM	duct_epithelial_cell	<i>PTBP2</i>	0.002137951	0.011851299	0.252669217	1
T2DM	duct_epithelial_cell	<i>GSTM4</i>	-0.007653719	0.039461576	0.439120968	1
T2DM	duct_epithelial_cell	<i>GSTM1</i>	-0.018557428	0.030947088	0.401989773	1
T2DM	duct_epithelial_cell	<i>DRAM2</i>	0.003092081	5.89E-05	0.012963332	0.220376647
T2DM	duct_epithelial_cell	<i>ATP1A1</i>	-0.001102213	0.034556683	0.412396095	1
T2DM	duct_epithelial_cell	<i>ZNF697</i>	-0.009723999	0.002525517	0.133069867	1
T2DM	duct_epithelial_cell	<i>KCNN3</i>	-0.01070773	0.003535536	0.146960427	1
T2DM	duct_epithelial_cell	<i>PAQR6</i>	0.008536877	0.016788367	0.296581905	1
T2DM	duct_epithelial_cell	<i>C1orf112</i>	0.01098943	0.00576132	0.183538746	1
T2DM	duct_epithelial_cell	<i>RABGAP1L</i>	0.00144545	0.034041753	0.411128291	1
T2DM	duct_epithelial_cell	<i>MRPS14</i>	0.011828222	3.19E-06	0.002383749	0.011918743
T2DM	duct_epithelial_cell	<i>RNASEL</i>	-0.016189071	0.03354447	0.409944606	1
T2DM	duct_epithelial_cell	<i>PDC</i>	0.024082386	0.029303054	0.38735945	1
T2DM	duct_epithelial_cell	<i>PM20D1</i>	-0.013366939	0.000293398	0.037848336	1
T2DM	duct_epithelial_cell	<i>TAF1A</i>	-0.015916518	3.56E-05	0.009894249	0.133113357
T2DM	duct_epithelial_cell	<i>SRP9</i>	-0.000940606	0.042699864	0.447275369	1
T2DM	duct_epithelial_cell	<i>LEFTY1</i>	0.017964057	0.002761242	0.135449514	1
T2DM	duct_epithelial_cell	<i>CAPN9</i>	0.017688771	0.044056138	0.452785753	1
T2DM	duct_epithelial_cell	<i>ARID4B</i>	-0.001822696	1.15E-06	0.001430762	0.004292287
T2DM	duct_epithelial_cell	<i>EDARADD</i>	-0.009042284	0.006246756	0.186952912	1
T2DM	duct_epithelial_cell	<i>ZNF496</i>	-0.002643676	0.016667766	0.296581905	1
T2DM	duct_epithelial_cell	<i>TMEM18</i>	0.002284613	0.000942507	0.070518402	1
T2DM	duct_epithelial_cell	<i>TTC32</i>	-0.001663817	0.000175914	0.025311303	0.658093891
T2DM	duct_epithelial_cell	<i>FAM228A</i>	0.012721525	0.003779831	0.147295276	1
T2DM	duct_epithelial_cell	<i>KHK</i>	-0.005133453	0.003410106	0.146960427	1
T2DM	duct_epithelial_cell	<i>KRTCAP3</i>	0.001992158	0.021214579	0.328931108	1
T2DM	duct_epithelial_cell	<i>MDH1</i>	-0.001181073	0.024944639	0.34957351	1
T2DM	duct_epithelial_cell	<i>AFTPH</i>	-0.001928072	0.002810404	0.135449514	1
T2DM	duct_epithelial_cell	<i>DNAH6</i>	-0.007935108	0.003189002	0.143233782	1
T2DM	duct_epithelial_cell	<i>GGCX</i>	0.002302462	0.020020756	0.325038345	1
T2DM	duct_epithelial_cell	<i>COX5B</i>	-0.000618013	0.02173009	0.330631761	1
T2DM	duct_epithelial_cell	<i>TSGA10</i>	-0.003905341	0.02250332	0.334067151	1
T2DM	duct_epithelial_cell	<i>REV1</i>	-0.002379101	0.046887932	0.459090667	1
T2DM	duct_epithelial_cell	<i>AFF3</i>	-0.006487544	0.017871493	0.309524337	1
T2DM	duct_epithelial_cell	<i>POLR1B</i>	0.00397018	0.012180192	0.254559198	1
T2DM	duct_epithelial_cell	<i>SLC20A1</i>	-0.002482935	0.020300174	0.325038345	1
T2DM	duct_epithelial_cell	<i>PSD4</i>	-0.011292442	3.97E-05	0.009894249	0.14841373
T2DM	duct_epithelial_cell	<i>RABL2A</i>	-0.01529461	0.007560601	0.20495802	1
T2DM	duct_epithelial_cell	<i>BIN1</i>	-0.002753219	0.021454861	0.330298912	1
T2DM	duct_epithelial_cell	<i>ACMSD</i>	-0.006872722	0.013618646	0.275391115	1
T2DM	duct_epithelial_cell	<i>ACVR2A</i>	-0.004718289	0.000164502	0.024680732	0.615401378
T2DM	duct_epithelial_cell	<i>KCNJ3</i>	-0.003856008	0.012737702	0.261822771	1
T2DM	duct_epithelial_cell	<i>GALNT3</i>	-0.003711281	0.034068369	0.411128291	1
T2DM	duct_epithelial_cell	<i>DUSP19</i>	-0.021193697	0.020504958	0.325038345	1
T2DM	duct_epithelial_cell	<i>PMS1</i>	-0.005221186	0.032038057	0.40755422	1
T2DM	duct_epithelial_cell	<i>ANKRD44</i>	-0.007716231	0.023720861	0.3387013	1
T2DM	duct_epithelial_cell	<i>FTCDNLI</i>	-0.031078524	0.00162373	0.098539213	1
T2DM	duct_epithelial_cell	<i>BARD1</i>	0.012373522	0.002797592	0.135449514	1
T2DM	duct_epithelial_cell	<i>LRRN1</i>	-0.021805562	0.000614944	0.053825088	1

T2DM	duct_epithelial_cell	<i>THUMPD3</i>	0.001600456	0.048079938	0.465976809	1
T2DM	duct_epithelial_cell	<i>SLC6A11</i>	-0.029457877	0.017020638	0.298939933	1
T2DM	duct_epithelial_cell	<i>RAB5A</i>	0.001767057	0.023311373	0.3387013	1
T2DM	duct_epithelial_cell	<i>CMTM7</i>	-0.006168316	0.002136939	0.11931774	1
T2DM	duct_epithelial_cell	<i>TCAIM</i>	-0.003394124	0.023514071	0.3387013	1
T2DM	duct_epithelial_cell	<i>LARS2</i>	-0.006324979	0.010748528	0.246688619	1
T2DM	duct_epithelial_cell	<i>ATP6V1A</i>	-0.002393851	0.039726705	0.439697057	1
T2DM	duct_epithelial_cell	<i>UPK1B</i>	-0.006719663	0.021278088	0.328931108	1
T2DM	duct_epithelial_cell	<i>POGLUT1</i>	-0.006370759	0.034721608	0.412396095	1
T2DM	duct_epithelial_cell	<i>WDR5B</i>	-0.007681947	0.008057786	0.209253276	1
T2DM	duct_epithelial_cell	<i>SLC41A3</i>	0.001584697	0.046328416	0.459090667	1
T2DM	duct_epithelial_cell	<i>ACAD9</i>	-0.013620029	0.00437388	0.163626845	1
T2DM	duct_epithelial_cell	<i>ACKR4</i>	-0.012074576	0.001819832	0.108063363	1
T2DM	duct_epithelial_cell	<i>ANAPC13</i>	0.001637293	0.018207102	0.313883729	1
T2DM	duct_epithelial_cell	<i>CEP63</i>	0.003177429	0.01043368	0.245486767	1
T2DM	duct_epithelial_cell	<i>RBP1</i>	-0.000533758	0.021691101	0.330631761	1
T2DM	duct_epithelial_cell	<i>NMNAT3</i>	-0.003520914	0.016799703	0.296581905	1
T2DM	duct_epithelial_cell	<i>LXN</i>	-0.003576157	0.000400454	0.048325748	1
T2DM	duct_epithelial_cell	<i>CAMK2N2</i>	-0.003265995	0.024237939	0.34346262	1
T2DM	duct_epithelial_cell	<i>GMNC</i>	0.025415325	0.007749427	0.208565523	1
T2DM	duct_epithelial_cell	<i>XXYLTI</i>	-0.003858611	0.049133359	0.471583397	1
T2DM	duct_epithelial_cell	<i>SLC51A</i>	-0.014723133	0.028229811	0.381255324	1
T2DM	duct_epithelial_cell	<i>PIGX</i>	-0.002645238	0.014593873	0.278431827	1
T2DM	duct_epithelial_cell	<i>LRPAP1</i>	-0.000827948	0.009247637	0.22851759	1
T2DM	duct_epithelial_cell	<i>N4BP2</i>	0.002196193	0.018649181	0.315685906	1
T2DM	duct_epithelial_cell	<i>NIPAL1</i>	-0.005739784	0.039557275	0.439120968	1
T2DM	duct_epithelial_cell	<i>CNGA1</i>	-0.015716109	0.00815986	0.209253276	1
T2DM	duct_epithelial_cell	<i>ARL9</i>	0.007581465	0.016002743	0.289213628	1
T2DM	duct_epithelial_cell	<i>BTC</i>	0.013148404	0.041356541	0.444112751	1
T2DM	duct_epithelial_cell	<i>ART3</i>	0.017591277	0.039340868	0.439120968	1
T2DM	duct_epithelial_cell	<i>CXCL11</i>	-0.029191701	0.034709164	0.412396095	1
T2DM	duct_epithelial_cell	<i>GPRIN3</i>	-0.002316192	0.002282103	0.125549204	1
T2DM	duct_epithelial_cell	<i>PPA2</i>	0.002304108	0.024949513	0.34957351	1
T2DM	duct_epithelial_cell	<i>EGF</i>	-0.013807463	0.000164934	0.024680732	0.617018288
T2DM	duct_epithelial_cell	<i>RXFP1</i>	-0.030251305	0.030867565	0.401989773	1
T2DM	duct_epithelial_cell	<i>ANXA10</i>	0.007030376	0.046654377	0.459090667	1
T2DM	duct_epithelial_cell	<i>PDLIM3</i>	0.002561845	0.020406899	0.325038345	1
T2DM	duct_epithelial_cell	<i>EXOC3</i>	-0.003889927	0.000445222	0.049095919	1
T2DM	duct_epithelial_cell	<i>ZDHHC11</i>	-0.009425732	0.018962948	0.319551298	1
T2DM	duct_epithelial_cell	<i>NPR3</i>	-0.008206978	0.002830085	0.135449514	1
T2DM	duct_epithelial_cell	<i>CCDC152</i>	0.006715385	0.0002088	0.028930434	0.781121711
T2DM	duct_epithelial_cell	<i>POLK</i>	-0.00162001	0.003450083	0.146960427	1
T2DM	duct_epithelial_cell	<i>CAST</i>	-0.000648513	0.008425133	0.214411028	1
T2DM	duct_epithelial_cell	<i>TMEM232</i>	-0.011280939	0.000776931	0.064588841	1
T2DM	duct_epithelial_cell	<i>MCC</i>	-0.004544997	0.000567733	0.053097242	1
T2DM	duct_epithelial_cell	<i>HSD17B4</i>	-0.003123799	0.042129191	0.447275369	1
T2DM	duct_epithelial_cell	<i>FAM53C</i>	0.00120033	0.033437498	0.409944606	1
T2DM	duct_epithelial_cell	<i>EIF4EBP3</i>	0.004160132	0.000547332	0.052501761	1
T2DM	duct_epithelial_cell	<i>PCDHAC1</i>	-0.009876171	0.007209558	0.202854174	1
T2DM	duct_epithelial_cell	<i>PCDHB11</i>	0.006599639	0.000516989	0.050896168	1
T2DM	duct_epithelial_cell	<i>CCNG1</i>	0.00189804	0.008073362	0.209253276	1
T2DM	duct_epithelial_cell	<i>PRELID1</i>	-0.000686854	0.043954243	0.452785753	1
T2DM	duct_epithelial_cell	<i>F12</i>	-0.009151833	0.005721682	0.183538746	1
T2DM	duct_epithelial_cell	<i>FAM153A</i>	0.01623452	0.014827184	0.279651625	1
T2DM	duct_epithelial_cell	<i>TBC1D7</i>	0.003943681	0.001854646	0.10840988	1
T2DM	duct_epithelial_cell	<i>ATXN1</i>	-0.002094156	0.011911964	0.252669217	1

T2DM	duct_epithelial_cell	<i>ALDH5A1</i>	-0.008549529	0.000587682	0.053622383	1
T2DM	duct_epithelial_cell	<i>ZNF165</i>	-0.006352004	0.007291332	0.203506765	1
T2DM	duct_epithelial_cell	<i>ZNF311</i>	-0.022187438	0.010940094	0.248041778	1
T2DM	duct_epithelial_cell	<i>C4A</i>	-0.040640533	0.022804572	0.336251413	1
T2DM	duct_epithelial_cell	<i>HLA-DQA2</i>	-0.015303863	0.025853977	0.358221213	1
T2DM	duct_epithelial_cell	<i>IP6K3</i>	0.044601513	0.002803254	0.135449514	1
T2DM	duct_epithelial_cell	<i>HMGAI</i>	-0.001305993	0.000703839	0.059842354	1
T2DM	duct_epithelial_cell	<i>ETV7</i>	-0.00936288	0.016807101	0.296581905	1
T2DM	duct_epithelial_cell	<i>CCDC167</i>	0.003842611	0.011095375	0.2484982	1
T2DM	duct_epithelial_cell	<i>MRPL14</i>	-0.00107413	0.027423101	0.373053894	1
T2DM	duct_epithelial_cell	<i>LRRC1</i>	-0.005547136	8.10E-06	0.005051721	0.030310324
T2DM	duct_epithelial_cell	<i>B3GAT2</i>	-0.005476224	0.046784286	0.459090667	1
T2DM	duct_epithelial_cell	<i>SLC17A5</i>	-0.00252109	0.000155737	0.024680732	0.582611767
T2DM	duct_epithelial_cell	<i>ELOVL4</i>	0.008076205	0.020628047	0.325609799	1
T2DM	duct_epithelial_cell	<i>SMPD2</i>	0.003368515	0.031886454	0.40755422	1
T2DM	duct_epithelial_cell	<i>DDO</i>	-0.022714259	0.035042327	0.414852358	1
T2DM	duct_epithelial_cell	<i>PKIB</i>	0.001742784	0.004632991	0.167721028	1
T2DM	duct_epithelial_cell	<i>SMPDL3A</i>	0.00254814	0.001160249	0.080515405	1
T2DM	duct_epithelial_cell	<i>TPD52L1</i>	-0.002819856	0.013991872	0.276274611	1
T2DM	duct_epithelial_cell	<i>HEY2</i>	-0.012263295	0.000483626	0.049095919	1
T2DM	duct_epithelial_cell	<i>PHACTR2</i>	-0.00126371	0.045146998	0.455242373	1
T2DM	duct_epithelial_cell	<i>EPM2A</i>	0.012904727	0.000285726	0.037848336	1
T2DM	duct_epithelial_cell	<i>MTRFIL</i>	0.001463721	0.015651052	0.289213628	1
T2DM	duct_epithelial_cell	<i>MRPL18</i>	-0.001115011	0.042922175	0.447275369	1
T2DM	duct_epithelial_cell	<i>RNASET2</i>	-0.003835482	0.000825185	0.064926939	1
T2DM	duct_epithelial_cell	<i>FAM221A</i>	0.003708232	0.011612593	0.251382905	1
T2DM	duct_epithelial_cell	<i>EPDR1</i>	0.006994591	0.014253141	0.276274611	1
T2DM	duct_epithelial_cell	<i>BLVRA</i>	-0.001455062	0.019496578	0.322709164	1
T2DM	duct_epithelial_cell	<i>LINC00957</i>	-0.012199288	0.046457712	0.459090667	1
T2DM	duct_epithelial_cell	<i>ABCA13</i>	-0.022743177	0.005996693	0.183538746	1
T2DM	duct_epithelial_cell	<i>STYXL1</i>	-0.012988165	0.00721187	0.202854174	1
T2DM	duct_epithelial_cell	<i>SLC25A13</i>	0.001492067	0.044045575	0.452785753	1
T2DM	duct_epithelial_cell	<i>LMTK2</i>	-0.002277231	0.02470837	0.348807596	1
T2DM	duct_epithelial_cell	<i>RASA4B</i>	0.019251679	0.028066957	0.380429291	1
T2DM	duct_epithelial_cell	<i>TSPAN12</i>	-0.0034283	0.048238931	0.46630967	1
T2DM	duct_epithelial_cell	<i>TSPAN33</i>	-0.004453933	0.009817396	0.238486225	1
T2DM	duct_epithelial_cell	<i>RAB19</i>	-0.029716444	0.0376991	0.429976623	1
T2DM	duct_epithelial_cell	<i>LRRC61</i>	-0.002369372	0.019357005	0.321842476	1
T2DM	duct_epithelial_cell	<i>LINC01003</i>	-0.002753337	0.004892713	0.171062053	1
T2DM	duct_epithelial_cell	<i>ESYT2</i>	-0.003678569	0.026956423	0.368043716	1
T2DM	duct_epithelial_cell	<i>SH2D4A</i>	-0.011265481	0.011625031	0.251382905	1
T2DM	duct_epithelial_cell	<i>ESCO2</i>	0.022374282	0.001216458	0.082361915	1
T2DM	duct_epithelial_cell	<i>STAR</i>	-0.016338161	0.004707487	0.167721028	1
T2DM	duct_epithelial_cell	<i>ADAM32</i>	-0.019504076	0.00671902	0.197920109	1
T2DM	duct_epithelial_cell	<i>XKR9</i>	-0.016573726	0.040863887	0.44182602	1
T2DM	duct_epithelial_cell	<i>MSC</i>	0.002362038	0.007123393	0.202854174	1
T2DM	duct_epithelial_cell	<i>MMP16</i>	-0.006186448	0.003424487	0.146960427	1
T2DM	duct_epithelial_cell	<i>INTS8</i>	-0.00283288	0.040337683	0.441270128	1
T2DM	duct_epithelial_cell	<i>RNF19A</i>	0.001948135	0.002816069	0.135449514	1
T2DM	duct_epithelial_cell	<i>YWHAZ</i>	-0.001156823	0.005022975	0.171207126	1
T2DM	duct_epithelial_cell	<i>PKHD1L1</i>	-0.011891338	0.048398846	0.466649696	1
T2DM	duct_epithelial_cell	<i>DEPTOR</i>	-0.005356055	0.031950033	0.40755422	1
T2DM	duct_epithelial_cell	<i>MTSS1</i>	-0.003928291	0.022830222	0.336251413	1
T2DM	duct_epithelial_cell	<i>ST3GAL1</i>	-0.004714758	0.02220208	0.330908292	1
T2DM	duct_epithelial_cell	<i>EPPK1</i>	0.007077781	0.033081441	0.409944606	1
T2DM	duct_epithelial_cell	<i>C8orf82</i>	-0.002231452	0.026099703	0.360151658	1

T2DM	duct_epithelial_cell	<i>RCL1</i>	-0.004460972	0.005940271	0.183538746	1
T2DM	duct_epithelial_cell	<i>PTPRD</i>	-0.010086086	1.59E-05	0.00744959	0.059596718
T2DM	duct_epithelial_cell	<i>IFT74</i>	-0.001454255	0.045791458	0.459090667	1
T2DM	duct_epithelial_cell	<i>NFX1</i>	-0.002314155	0.004763722	0.168123442	1
T2DM	duct_epithelial_cell	<i>RPP25L</i>	-0.004003654	0.005650705	0.183538746	1
T2DM	duct_epithelial_cell	<i>MAMDC2</i>	-0.013219253	0.013443281	0.274815929	1
T2DM	duct_epithelial_cell	<i>HSD17B3</i>	-0.034872889	0.011225928	0.2484982	1
T2DM	duct_epithelial_cell	<i>ZNF462</i>	-0.005865288	0.008049285	0.209253276	1
T2DM	duct_epithelial_cell	<i>GNG10</i>	0.000942741	0.02350741	0.3387013	1
T2DM	duct_epithelial_cell	<i>ZNF883</i>	-0.01787329	0.047326529	0.459866348	1
T2DM	duct_epithelial_cell	<i>BSPRY</i>	-0.002966891	0.032175185	0.40755422	1
T2DM	duct_epithelial_cell	<i>ZNF79</i>	0.013129412	0.009289309	0.22851759	1
T2DM	duct_epithelial_cell	<i>RPL12</i>	-0.00024265	0.014446773	0.278431827	1
T2DM	duct_epithelial_cell	<i>UBAC1</i>	-0.002507769	0.034450089	0.412396095	1
T2DM	duct_epithelial_cell	<i>SEC16A</i>	-0.002513101	0.044274861	0.453787002	1
T2DM	duct_epithelial_cell	<i>LCN12</i>	0.008860221	0.019221234	0.321011776	1
T2DM	duct_epithelial_cell	<i>GTPBP4</i>	-0.002146376	1.54E-05	0.00744959	0.057651032
T2DM	duct_epithelial_cell	<i>WDR37</i>	-0.002117166	0.000159514	0.024680732	0.596741476
T2DM	duct_epithelial_cell	<i>GDI2</i>	-0.001780625	0.01502082	0.280964446	1
T2DM	duct_epithelial_cell	<i>SEC61A2</i>	-0.005151308	0.022152741	0.330908292	1
T2DM	duct_epithelial_cell	<i>ARHGAP12</i>	-0.002848618	0.01966804	0.322711124	1
T2DM	duct_epithelial_cell	<i>NCOA4</i>	-0.002059429	0.009345948	0.22851759	1
T2DM	duct_epithelial_cell	<i>ASAH2B</i>	-0.010366533	0.025094457	0.350292396	1
T2DM	duct_epithelial_cell	<i>FAM149B1</i>	-0.005817674	0.003777712	0.147295276	1
T2DM	duct_epithelial_cell	<i>NUTM2B</i>	0.043706641	0.002334784	0.126585901	1
T2DM	duct_epithelial_cell	<i>EXOSC1</i>	-0.002469859	0.042667658	0.447275369	1
T2DM	duct_epithelial_cell	<i>C10orf62</i>	0.042375805	0.001457383	0.092407992	1
T2DM	duct_epithelial_cell	<i>CALHM2</i>	-0.005446839	0.04315736	0.448309972	1
T2DM	duct_epithelial_cell	<i>TRUB1</i>	-0.003202176	0.041594502	0.444585801	1
T2DM	duct_epithelial_cell	<i>NSMCE4A</i>	-0.004306727	0.01452171	0.278431827	1
T2DM	duct_epithelial_cell	<i>LINC01167</i>	-0.080881328	0.006859054	0.20046658	1
T2DM	duct_epithelial_cell	<i>MUC6</i>	-0.003237167	0.044988707	0.454872303	1
T2DM	duct_epithelial_cell	<i>TRPM5</i>	-0.038488543	0.012071219	0.253699038	1
T2DM	duct_epithelial_cell	<i>OR52N4</i>	0.032327503	0.008166527	0.209253276	1
T2DM	duct_epithelial_cell	<i>ZNF215</i>	-0.019220391	0.01574519	0.289213628	1
T2DM	duct_epithelial_cell	<i>CYB5R2</i>	0.010228418	0.038357684	0.434836656	1
T2DM	duct_epithelial_cell	<i>TPHI</i>	0.012653206	0.035226003	0.415711281	1
T2DM	duct_epithelial_cell	<i>SAAL1</i>	-0.00390127	0.04256531	0.447275369	1
T2DM	duct_epithelial_cell	<i>MUC15</i>	-0.014304147	0.047005994	0.459090667	1
T2DM	duct_epithelial_cell	<i>ARL14EP</i>	-0.001739536	0.017484653	0.304232969	1
T2DM	duct_epithelial_cell	<i>CAT</i>	-0.002810269	0.011771118	0.252669217	1
T2DM	duct_epithelial_cell	<i>PDHX</i>	-0.004056848	0.037114826	0.428538774	1
T2DM	duct_epithelial_cell	<i>ZFP91</i>	-0.002947727	0.008886893	0.221639107	1
T2DM	duct_epithelial_cell	<i>FLRT1</i>	0.009518312	0.031789562	0.40755422	1
T2DM	duct_epithelial_cell	<i>NDUFV1</i>	-0.001803265	0.049263637	0.471583397	1
T2DM	duct_epithelial_cell	<i>PLEKHB1</i>	-0.005138698	0.013698499	0.275516577	1
T2DM	duct_epithelial_cell	<i>XRR1</i>	-0.002310379	0.007194903	0.202854174	1
T2DM	duct_epithelial_cell	<i>MAP6</i>	-0.003154799	0.02896712	0.385644113	1
T2DM	duct_epithelial_cell	<i>TRPC6</i>	-0.015046259	0.014662141	0.278431827	1
T2DM	duct_epithelial_cell	<i>TAGLN</i>	0.001138059	0.040340653	0.441270128	1
T2DM	duct_epithelial_cell	<i>MPZL3</i>	-0.004191931	0.020925724	0.326389879	1
T2DM	duct_epithelial_cell	<i>TRAPPC4</i>	-0.00162745	0.011388575	0.250615639	1
T2DM	duct_epithelial_cell	<i>POU2F3</i>	0.012859688	0.003648557	0.147295276	1
T2DM	duct_epithelial_cell	<i>TMEM218</i>	0.002229175	0.041184304	0.444007153	1
T2DM	duct_epithelial_cell	<i>B3GAT1</i>	-0.018487344	0.03354201	0.409944606	1
T2DM	duct_epithelial_cell	<i>CDC43</i>	-0.016249547	0.042212989	0.447275369	1

T2DM	duct_epithelial_cell	<i>ATN1</i>	-0.003052724	0.037600193	0.429976623	1
T2DM	duct_epithelial_cell	<i>FAM90A1</i>	0.016705136	0.007875179	0.208943578	1
T2DM	duct_epithelial_cell	<i>PRR4</i>	-0.010259507	0.003907925	0.150717	1
T2DM	duct_epithelial_cell	<i>TAS2R14</i>	-0.017638671	0.002896541	0.135449514	1
T2DM	duct_epithelial_cell	<i>TAS2R20</i>	-0.036075304	0.005843262	0.183538746	1
T2DM	duct_epithelial_cell	<i>GPRC5A</i>	0.021304667	1.73E-08	6.47E-05	6.47E-05
T2DM	duct_epithelial_cell	<i>STK38L</i>	-0.003830121	0.001531657	0.095498835	1
T2DM	duct_epithelial_cell	<i>MRPS35</i>	-0.001815999	0.020293346	0.325038345	1
T2DM	duct_epithelial_cell	<i>DDX11</i>	-0.00752662	0.010655314	0.246058832	1
T2DM	duct_epithelial_cell	<i>ARID2</i>	-0.003994325	0.049588066	0.473237129	1
T2DM	duct_epithelial_cell	<i>CCDC65</i>	0.01233255	0.010108204	0.2439664	1
T2DM	duct_epithelial_cell	<i>RACGAP1</i>	-0.013377628	0.03985237	0.439786769	1
T2DM	duct_epithelial_cell	<i>TFCP2</i>	0.003818175	0.0268531	0.367975998	1
T2DM	duct_epithelial_cell	<i>SLC39A5</i>	-0.004053824	0.036969845	0.428538774	1
T2DM	duct_epithelial_cell	<i>LRIG3</i>	0.005628647	0.003711771	0.147295276	1
T2DM	duct_epithelial_cell	<i>CAND1</i>	-0.001501041	0.035501704	0.415789018	1
T2DM	duct_epithelial_cell	<i>CEP290</i>	-0.00345315	0.00113235	0.080515405	1
T2DM	duct_epithelial_cell	<i>METAP2</i>	0.00101845	0.014222932	0.276274611	1
T2DM	duct_epithelial_cell	<i>AMDHD1</i>	-0.02446616	0.022191262	0.330908292	1
T2DM	duct_epithelial_cell	<i>TMPO</i>	-0.002925423	0.049288722	0.471583397	1
T2DM	duct_epithelial_cell	<i>APAF1</i>	-0.006617966	0.036470696	0.425036985	1
T2DM	duct_epithelial_cell	<i>UTP20</i>	-0.006702667	0.045335627	0.455915535	1
T2DM	duct_epithelial_cell	<i>DRAM1</i>	-0.009794299	3.83E-05	0.009894249	0.143170722
T2DM	duct_epithelial_cell	<i>C12orf75</i>	-0.000695838	0.013939791	0.276274611	1
T2DM	duct_epithelial_cell	<i>TBX3</i>	0.002708881	0.032393995	0.408033452	1
T2DM	duct_epithelial_cell	<i>GATC</i>	-0.006161956	0.001162211	0.080515405	1
T2DM	duct_epithelial_cell	<i>POP5</i>	-0.004000895	0.000324261	0.040435306	1
T2DM	duct_epithelial_cell	<i>CLIP1</i>	-0.001849543	3.77E-05	0.009894249	0.141164697
T2DM	duct_epithelial_cell	<i>ARL6IP4</i>	-0.000947958	0.023469824	0.3387013	1
T2DM	duct_epithelial_cell	<i>ATP12A</i>	0.017825751	0.018595894	0.315685906	1
T2DM	duct_epithelial_cell	<i>MTMR6</i>	-0.003714334	0.031710269	0.40755422	1
T2DM	duct_epithelial_cell	<i>TRPC4</i>	0.008839138	0.020939206	0.326389879	1
T2DM	duct_epithelial_cell	<i>MTRF1</i>	0.007794416	0.037398771	0.429976623	1
T2DM	duct_epithelial_cell	<i>ALG11</i>	-0.004671892	0.000442543	0.049095919	1
T2DM	duct_epithelial_cell	<i>VPS36</i>	-0.001444407	0.040463259	0.441320854	1
T2DM	duct_epithelial_cell	<i>KLF5</i>	0.004948341	0.033322585	0.409944606	1
T2DM	duct_epithelial_cell	<i>DCT</i>	-0.031077881	0.030480041	0.398691727	1
T2DM	duct_epithelial_cell	<i>GPR180</i>	-0.002318307	0.032593413	0.409167646	1
T2DM	duct_epithelial_cell	<i>METTL17</i>	-0.002487182	0.040852598	0.44182602	1
T2DM	duct_epithelial_cell	<i>BMP4</i>	-0.005110349	0.004668152	0.167721028	1
T2DM	duct_epithelial_cell	<i>ATP6V1D</i>	-0.003681939	1.82E-07	0.000340718	0.000681435
T2DM	duct_epithelial_cell	<i>ZC2HC1C</i>	0.003548377	0.038621707	0.435295421	1
T2DM	duct_epithelial_cell	<i>VIPAS39</i>	-0.008676647	0.006965759	0.202007003	1
T2DM	duct_epithelial_cell	<i>KCNK10</i>	-0.021699984	0.005895311	0.183538746	1
T2DM	duct_epithelial_cell	<i>BTBD7</i>	0.001480208	0.023675841	0.3387013	1
T2DM	duct_epithelial_cell	<i>SERPINA5</i>	0.003157379	0.010402362	0.245486767	1
T2DM	duct_epithelial_cell	<i>NIPAI</i>	-0.004306662	0.003640228	0.147295276	1
T2DM	duct_epithelial_cell	<i>GOLGA8H</i>	-0.048733164	0.005676819	0.183538746	1
T2DM	duct_epithelial_cell	<i>CHRNA7</i>	-0.006815911	0.04010086	0.441227408	1
T2DM	duct_epithelial_cell	<i>GREM1</i>	-0.0025588	0.013793621	0.275946192	1
T2DM	duct_epithelial_cell	<i>FMN1</i>	-0.008137034	0.044748514	0.454872303	1
T2DM	duct_epithelial_cell	<i>PLCB2</i>	0.029941747	0.023358696	0.3387013	1
T2DM	duct_epithelial_cell	<i>LRRC57</i>	-0.005285957	0.007343869	0.203506765	1
T2DM	duct_epithelial_cell	<i>ATP8B4</i>	0.015255813	0.044963006	0.454872303	1
T2DM	duct_epithelial_cell	<i>RAB27A</i>	-0.002874354	0.019096666	0.320361556	1
T2DM	duct_epithelial_cell	<i>CGNLI</i>	0.008630523	0.000469467	0.049095919	1

T2DM	duct_epithelial_cell	<i>LIPC</i>	-0.016629883	0.001078504	0.07911146	1
T2DM	duct_epithelial_cell	<i>TPM1</i>	0.000725518	0.006083615	0.183538746	1
T2DM	duct_epithelial_cell	<i>TLE3</i>	0.002136901	0.004144745	0.158219288	1
T2DM	duct_epithelial_cell	<i>HCN4</i>	-0.016027011	0.02072281	0.325731233	1
T2DM	duct_epithelial_cell	<i>ULK3</i>	-0.011166306	0.003529029	0.146960427	1
T2DM	duct_epithelial_cell	<i>RPP25</i>	-0.003505228	0.002873698	0.135449514	1
T2DM	duct_epithelial_cell	<i>MAN2C1</i>	-0.002233158	0.012606758	0.260562884	1
T2DM	duct_epithelial_cell	<i>SNUPN</i>	0.003681254	0.033641538	0.409944606	1
T2DM	duct_epithelial_cell	<i>PEAK1</i>	-0.004992382	0.005330695	0.178054731	1
T2DM	duct_epithelial_cell	<i>PSMA4</i>	-0.001088181	0.028858617	0.385571735	1
T2DM	duct_epithelial_cell	<i>AP3S2</i>	-0.001362422	0.033500339	0.409944606	1
T2DM	duct_epithelial_cell	<i>CIB1</i>	-0.00087158	0.04247591	0.447275369	1
T2DM	duct_epithelial_cell	<i>CCDC78</i>	0.017783953	0.010861891	0.247770328	1
T2DM	duct_epithelial_cell	<i>SOX8</i>	-0.023933376	0.000798992	0.064926939	1
T2DM	duct_epithelial_cell	<i>CCDC154</i>	0.039933002	0.007522119	0.20495802	1
T2DM	duct_epithelial_cell	<i>FAHDI</i>	-0.003916157	0.034724611	0.412396095	1
T2DM	duct_epithelial_cell	<i>RPL3L</i>	-0.038600839	0.004221321	0.159514757	1
T2DM	duct_epithelial_cell	<i>RPS2</i>	-0.000202713	0.001376025	0.088753583	1
T2DM	duct_epithelial_cell	<i>BRICD5</i>	-0.023178851	0.026185846	0.360151658	1
T2DM	duct_epithelial_cell	<i>NDE1</i>	-0.004514063	0.016002999	0.289213628	1
T2DM	duct_epithelial_cell	<i>USP31</i>	-0.004655625	0.005918029	0.183538746	1
T2DM	duct_epithelial_cell	<i>BOLA2</i>	-0.002846749	0.037084214	0.428538774	1
T2DM	duct_epithelial_cell	<i>DOC2A</i>	-0.013023828	0.039405141	0.439120968	1
T2DM	duct_epithelial_cell	<i>SLC5A2</i>	0.014544112	0.004545957	0.167721028	1
T2DM	duct_epithelial_cell	<i>IRX3</i>	-0.021572796	0.000485578	0.049095919	1
T2DM	duct_epithelial_cell	<i>PRMT7</i>	0.0048317	0.031379705	0.406198885	1
T2DM	duct_epithelial_cell	<i>NUDT7</i>	-0.011206697	0.014074799	0.276274611	1
T2DM	duct_epithelial_cell	<i>TAF1C</i>	0.003079381	0.021741623	0.330631761	1
T2DM	duct_epithelial_cell	<i>KLHDC4</i>	-0.003150621	0.025746376	0.358056476	1
T2DM	duct_epithelial_cell	<i>RPH3AL</i>	-0.006015821	0.002968909	0.137119592	1
T2DM	duct_epithelial_cell	<i>SPAG7</i>	-0.002558927	0.003691167	0.147295276	1
T2DM	duct_epithelial_cell	<i>MYO15A</i>	-0.013139461	0.010616803	0.246058832	1
T2DM	duct_epithelial_cell	<i>CCT6B</i>	0.006844131	0.003216156	0.143233782	1
T2DM	duct_epithelial_cell	<i>SLFN12</i>	0.018528269	0.023663188	0.3387013	1
T2DM	duct_epithelial_cell	<i>ARL5C</i>	-0.005210493	0.008833459	0.221639107	1
T2DM	duct_epithelial_cell	<i>HSPB9</i>	0.021446689	0.046864679	0.459090667	1
T2DM	duct_epithelial_cell	<i>WNK4</i>	0.00810086	0.028851569	0.385571735	1
T2DM	duct_epithelial_cell	<i>NBR2</i>	-0.006475105	0.013603149	0.275391115	1
T2DM	duct_epithelial_cell	<i>CIQL1</i>	-0.003631004	0.007420857	0.204128124	1
T2DM	duct_epithelial_cell	<i>SGCA</i>	0.008037567	0.018330228	0.314418455	1
T2DM	duct_epithelial_cell	<i>ABCC3</i>	0.004211532	0.042518111	0.447275369	1
T2DM	duct_epithelial_cell	<i>RPS6KB1</i>	0.002558196	4.86E-05	0.011367743	0.181883893
T2DM	duct_epithelial_cell	<i>KCNJ16</i>	-0.018512872	0.002127821	0.11931774	1
T2DM	duct_epithelial_cell	<i>LINC01152</i>	0.016252561	0.039499942	0.439120968	1
T2DM	duct_epithelial_cell	<i>ITGB4</i>	-0.019459952	0.003123968	0.142521499	1
T2DM	duct_epithelial_cell	<i>MRPL12</i>	-0.001648467	0.044525373	0.454872303	1
T2DM	duct_epithelial_cell	<i>ENOSF1</i>	0.001864185	0.02206844	0.330908292	1
T2DM	duct_epithelial_cell	<i>MPPE1</i>	0.002597848	0.015797259	0.289213628	1
T2DM	duct_epithelial_cell	<i>CEP192</i>	-0.003997561	0.011178234	0.2484982	1
T2DM	duct_epithelial_cell	<i>ME2</i>	-0.005494924	0.000126194	0.022480612	0.472092842
T2DM	duct_epithelial_cell	<i>CNDP1</i>	0.0167704	0.038229407	0.434699732	1
T2DM	duct_epithelial_cell	<i>NFATC1</i>	0.005435579	0.005281747	0.178009132	1
T2DM	duct_epithelial_cell	<i>TLE6</i>	-0.014735139	0.044942243	0.454872303	1
T2DM	duct_epithelial_cell	<i>FUT6</i>	-0.01625534	0.030118023	0.396730714	1
T2DM	duct_epithelial_cell	<i>SLC25A41</i>	-0.047141506	7.26E-05	0.015082331	0.271481951
T2DM	duct_epithelial_cell	<i>ZNF317</i>	-0.00554201	0.020486404	0.325038345	1

T2DM	duct_epithelial_cell	<i>DNMT1</i>	-0.003312285	0.008684561	0.219519886	1
T2DM	duct_epithelial_cell	<i>SPC24</i>	-0.018409475	0.041431529	0.444112751	1
T2DM	duct_epithelial_cell	<i>CYP4F11</i>	-0.009948699	0.035566021	0.415789018	1
T2DM	duct_epithelial_cell	<i>CCDC124</i>	0.001850148	0.010351078	0.245486767	1
T2DM	duct_epithelial_cell	<i>PIK3R2</i>	0.00354933	0.010243753	0.245486767	1
T2DM	duct_epithelial_cell	<i>ZNF100</i>	-0.002674298	0.010587106	0.246058832	1
T2DM	duct_epithelial_cell	<i>ZNF507</i>	-0.003245249	1.79E-06	0.001674412	0.00669765
T2DM	duct_epithelial_cell	<i>PEPD</i>	-0.002740098	3.03E-05	0.009894249	0.113349329
T2DM	duct_epithelial_cell	<i>LGI4</i>	0.01817351	0.002474695	0.132254751	1
T2DM	duct_epithelial_cell	<i>CEACAM21</i>	-0.048404067	0.014875882	0.279651625	1
T2DM	duct_epithelial_cell	<i>CXCL17</i>	-0.014077246	0.001232897	0.082361915	1
T2DM	duct_epithelial_cell	<i>SLC6A16</i>	0.011578784	0.003529234	0.146960427	1
T2DM	duct_epithelial_cell	<i>TEAD2</i>	-0.009088186	0.018406213	0.314418455	1
T2DM	duct_epithelial_cell	<i>ZNF880</i>	0.002147226	0.032740767	0.40964284	1
T2DM	duct_epithelial_cell	<i>ZNF320</i>	-0.021261907	0.015894923	0.289213628	1
T2DM	duct_epithelial_cell	<i>ZNF160</i>	-0.003201188	0.046161813	0.459090667	1
T2DM	duct_epithelial_cell	<i>ZNF304</i>	-0.004433038	0.002024946	0.116543443	1
T2DM	duct_epithelial_cell	<i>SIRPB2</i>	-0.047387299	0.007870968	0.208943578	1
T2DM	duct_epithelial_cell	<i>FLRT3</i>	0.003968697	0.005397181	0.17868014	1
T2DM	duct_epithelial_cell	<i>DZANK1</i>	-0.006519366	0.033451923	0.409944606	1
T2DM	duct_epithelial_cell	<i>CST5</i>	-0.022568774	0.043261133	0.448309972	1
T2DM	duct_epithelial_cell	<i>MANBAL</i>	0.001382886	0.030443586	0.398691727	1
T2DM	duct_epithelial_cell	<i>NCOA3</i>	-0.002061868	0.00634099	0.188267019	1
T2DM	duct_epithelial_cell	<i>KCNQ1</i>	-0.016174671	3.66E-05	0.009894249	0.136929487
T2DM	duct_epithelial_cell	<i>VAPB</i>	-0.002741836	2.63E-05	0.009894249	0.098238548
T2DM	duct_epithelial_cell	<i>LIME1</i>	-0.010643811	0.012520355	0.26021472	1
T2DM	duct_epithelial_cell	<i>IFNGR2</i>	-0.003443654	0.029073595	0.38568908	1
T2DM	duct_epithelial_cell	<i>CBR1</i>	-0.002807984	0.0428138	0.447275369	1
T2DM	duct_epithelial_cell	<i>PIGP</i>	-0.002805732	0.014252979	0.276274611	1
T2DM	duct_epithelial_cell	<i>MX2</i>	-0.041260245	0.000833064	0.064926939	1
T2DM	duct_epithelial_cell	<i>NDUFB3</i>	0.001598938	0.019581657	0.322709164	1
T2DM	duct_epithelial_cell	<i>CLTCL1</i>	0.015644476	0.037557669	0.429976623	1
T2DM	duct_epithelial_cell	<i>HIC2</i>	0.010490824	0.004694039	0.167721028	1
T2DM	duct_epithelial_cell	<i>CBY1</i>	-0.002088978	0.03537606	0.415789018	1
T2DM	duct_epithelial_cell	<i>FAM83F</i>	-0.002994503	0.001366909	0.088753583	1
T2DM	duct_epithelial_cell	<i>CSDC2</i>	-0.022522686	0.020360565	0.325038345	1
T2DM	duct_epithelial_cell	<i>FAM118A</i>	-0.002845955	0.000618679	0.053825088	1
T2DM	duct_epithelial_cell	<i>RIBC2</i>	0.050283658	0.000915578	0.069901565	1
T2DM	duct_epithelial_cell	<i>CRELD2</i>	0.001298936	0.028822962	0.385571735	1
T2DM	duct_epithelial_cell	<i>HDAC10</i>	-0.007076483	0.011573717	0.251382905	1
T2DM	endothelial_cell	<i>NOC2L</i>	0.002179009	0.003824081	0.145978441	1
T2DM	endothelial_cell	<i>C1orf159</i>	0.010585402	0.032815508	0.481555085	1
T2DM	endothelial_cell	<i>MRPL20</i>	0.001854177	0.015261748	0.330752912	1
T2DM	endothelial_cell	<i>PLEKHM2</i>	-0.002789642	0.00742751	0.224083183	1
T2DM	endothelial_cell	<i>NECAP2</i>	-0.002159612	0.005944001	0.200328905	1
T2DM	endothelial_cell	<i>MFAP2</i>	-0.006605126	0.045892143	0.548733235	1
T2DM	endothelial_cell	<i>KLHDC7A</i>	-0.011742078	0.021582942	0.395020542	1
T2DM	endothelial_cell	<i>OTUD3</i>	0.003706348	0.015313879	0.330752912	1
T2DM	endothelial_cell	<i>PAFAH2</i>	-0.003267617	0.038111868	0.513320891	1
T2DM	endothelial_cell	<i>C1orf109</i>	0.00315581	0.00291726	0.136418364	1
T2DM	endothelial_cell	<i>MYCL</i>	-0.006352823	0.00524498	0.189170555	1
T2DM	endothelial_cell	<i>COL9A2</i>	0.002433454	0.022306451	0.399274803	1
T2DM	endothelial_cell	<i>ZFP69</i>	-0.020232734	0.007056628	0.219990363	1
T2DM	endothelial_cell	<i>POMGNT1</i>	-0.004172756	0.049107657	0.550035165	1
T2DM	endothelial_cell	<i>LURAP1</i>	0.015408037	0.024196461	0.407743061	1
T2DM	endothelial_cell	<i>CC2D1B</i>	-0.007142329	0.03318766	0.484216836	1

T2DM	endothelial_cell	<i>TTC4</i>	0.002415579	0.023932258	0.406957172	1
T2DM	endothelial_cell	<i>LEPROT</i>	0.001098875	0.008166104	0.2364587	1
T2DM	endothelial_cell	<i>CTBS</i>	0.002363234	0.025708464	0.419321948	1
T2DM	endothelial_cell	<i>HFM1</i>	0.016137316	5.43E-05	0.014780881	0.203163665
T2DM	endothelial_cell	<i>TMED5</i>	0.001411369	0.016481576	0.342542083	1
T2DM	endothelial_cell	<i>DR1</i>	-0.002395236	0.017764789	0.355390784	1
T2DM	endothelial_cell	<i>LRRC39</i>	-0.00952173	0.005360085	0.189170555	1
T2DM	endothelial_cell	<i>SORT1</i>	-0.001245713	0.041390705	0.532105245	1
T2DM	endothelial_cell	<i>SYPL2</i>	0.007295721	0.007818598	0.232137899	1
T2DM	endothelial_cell	<i>DRAM2</i>	0.002410176	0.001832899	0.113896064	1
T2DM	endothelial_cell	<i>CTSS</i>	-0.002019365	0.008439327	0.236526032	1
T2DM	endothelial_cell	<i>CTSK</i>	-0.003584576	0.000113528	0.019304994	0.424709873
T2DM	endothelial_cell	<i>SEMA6C</i>	-0.013536819	0.000467804	0.055626443	1
T2DM	endothelial_cell	<i>ALDH9A1</i>	0.003562167	0.000275689	0.035563909	1
T2DM	endothelial_cell	<i>SEC16B</i>	-0.011380702	0.045822765	0.548733235	1
T2DM	endothelial_cell	<i>GLUL</i>	-0.002248601	0.041175287	0.531161197	1
T2DM	endothelial_cell	<i>TMEM63A</i>	0.007297832	0.032264628	0.480884357	1
T2DM	endothelial_cell	<i>LEFTY1</i>	0.012072268	0.048502683	0.548733235	1
T2DM	endothelial_cell	<i>ZNF678</i>	0.005741098	0.044105096	0.544545099	1
T2DM	endothelial_cell	<i>GEN1</i>	0.014397513	4.90E-05	0.014780881	0.183482113
T2DM	endothelial_cell	<i>ATRAID</i>	-0.000828623	0.021646408	0.395020542	1
T2DM	endothelial_cell	<i>KRTCAP3</i>	-0.002623228	0.002397311	0.127201681	1
T2DM	endothelial_cell	<i>NDUFAF7</i>	-0.003403406	0.002437908	0.127201681	1
T2DM	endothelial_cell	<i>CLHC1</i>	-0.004372802	0.040141512	0.525067822	1
T2DM	endothelial_cell	<i>NAT8</i>	-0.003335476	0.000923276	0.080324987	1
T2DM	endothelial_cell	<i>POLR1A</i>	-0.004639872	0.006361048	0.207173321	1
T2DM	endothelial_cell	<i>CHMP3</i>	-0.002513955	0.000105772	0.018842572	0.395694016
T2DM	endothelial_cell	<i>ZAP70</i>	-0.035899912	0.005686846	0.195178804	1
T2DM	endothelial_cell	<i>ILIR1</i>	0.002475289	0.001146446	0.0857771	1
T2DM	endothelial_cell	<i>MRPS9</i>	-0.003036437	0.027371566	0.435732032	1
T2DM	endothelial_cell	<i>TGFBRAP1</i>	0.002816798	0.025677029	0.419321948	1
T2DM	endothelial_cell	<i>PAX8</i>	-0.020291323	0.006805097	0.215744641	1
T2DM	endothelial_cell	<i>RABL2A</i>	0.012114295	0.0355356	0.497897678	1
T2DM	endothelial_cell	<i>CCDC115</i>	0.004112835	0.000334634	0.041728852	1
T2DM	endothelial_cell	<i>DAPL1</i>	-0.007240741	0.002451858	0.127201681	1
T2DM	endothelial_cell	<i>SPC25</i>	-0.006373361	0.006251776	0.207173321	1
T2DM	endothelial_cell	<i>FASTKD1</i>	0.004153126	0.036426294	0.506582779	1
T2DM	endothelial_cell	<i>GAD1</i>	0.007347456	0.029447523	0.453346433	1
T2DM	endothelial_cell	<i>DUSP19</i>	-0.018042729	0.048551377	0.548733235	1
T2DM	endothelial_cell	<i>ORMDL1</i>	-0.001433792	0.037998687	0.513320891	1
T2DM	endothelial_cell	<i>CASP8</i>	0.007839605	0.024316599	0.407930026	1
T2DM	endothelial_cell	<i>SMARCA1</i>	0.005134971	0.023254541	0.405246333	1
T2DM	endothelial_cell	<i>USP37</i>	-0.003361906	0.034748812	0.492237265	1
T2DM	endothelial_cell	<i>LRRFIP1</i>	-0.000518289	0.036836037	0.508500421	1
T2DM	endothelial_cell	<i>ESPNL</i>	-0.036604624	0.002771521	0.132926417	1
T2DM	endothelial_cell	<i>LRRN1</i>	-0.014084469	0.026950232	0.4308582	1
T2DM	endothelial_cell	<i>SLC6A11</i>	-0.033991665	0.00574441	0.195362148	1
T2DM	endothelial_cell	<i>PPARG</i>	-0.00990324	0.01301571	0.302096653	1
T2DM	endothelial_cell	<i>GPD1L</i>	0.008252311	0.039948721	0.525067822	1
T2DM	endothelial_cell	<i>ENTPD3</i>	-0.005889807	0.020370764	0.382949885	1
T2DM	endothelial_cell	<i>VIPR1</i>	-0.014076699	0.001640348	0.109724077	1
T2DM	endothelial_cell	<i>QRICH1</i>	0.002028036	0.008472197	0.236526032	1
T2DM	endothelial_cell	<i>TKT</i>	0.000846951	0.007601814	0.227507094	1
T2DM	endothelial_cell	<i>EOGT</i>	-0.00333718	0.000849801	0.075692989	1
T2DM	endothelial_cell	<i>UBA3</i>	-0.003176679	0.015091734	0.330752912	1
T2DM	endothelial_cell	<i>ARL6IP5</i>	0.000979972	0.002724837	0.132926417	1

T2DM	endothelial_cell	<i>TF</i>	-0.008058615	0.008614575	0.238719455	1
T2DM	endothelial_cell	<i>RBP1</i>	0.000756888	0.00113149	0.0857771	1
T2DM	endothelial_cell	<i>IGSF10</i>	-0.014690291	8.75E-05	0.017223922	0.32725451
T2DM	endothelial_cell	<i>AADAC</i>	-0.006738009	0.022717322	0.402774882	1
T2DM	endothelial_cell	<i>LRRC34</i>	0.006924974	0.025708692	0.419321948	1
T2DM	endothelial_cell	<i>MRPL47</i>	0.00086101	0.037311784	0.511294442	1
T2DM	endothelial_cell	<i>MUC20</i>	-0.003303603	0.002021156	0.118142876	1
T2DM	endothelial_cell	<i>MSX1</i>	-0.003260343	0.003194515	0.138350179	1
T2DM	endothelial_cell	<i>QDPR</i>	0.00133819	0.04546759	0.548733235	1
T2DM	endothelial_cell	<i>ARL9</i>	-0.013020845	3.62E-05	0.013529095	0.135290951
T2DM	endothelial_cell	<i>SULT1E1</i>	0.002035774	0.028617656	0.444185546	1
T2DM	endothelial_cell	<i>CXCL6</i>	0.004632984	0.015697835	0.331922396	1
T2DM	endothelial_cell	<i>TMEM150C</i>	-0.005969635	0.027789416	0.438650658	1
T2DM	endothelial_cell	<i>SNHG8</i>	-0.000684183	0.04957843	0.552002704	1
T2DM	endothelial_cell	<i>ARFIP1</i>	0.001820696	0.023225071	0.405246333	1
T2DM	endothelial_cell	<i>GLRB</i>	-0.005465471	0.037558114	0.512791625	1
T2DM	endothelial_cell	<i>SAP30</i>	-0.002896508	0.002747352	0.132926417	1
T2DM	endothelial_cell	<i>NPR3</i>	0.006409974	0.020173659	0.382776124	1
T2DM	endothelial_cell	<i>MAP1B</i>	-0.000638883	0.001129633	0.0857771	1
T2DM	endothelial_cell	<i>BHMT2</i>	-0.003576928	0.04640772	0.548733235	1
T2DM	endothelial_cell	<i>CAST</i>	-0.000499379	0.041856081	0.53441502	1
T2DM	endothelial_cell	<i>DTWD2</i>	0.011268232	0.00121736	0.089296948	1
T2DM	endothelial_cell	<i>DMXL1</i>	0.004573314	0.030597991	0.465313357	1
T2DM	endothelial_cell	<i>PDLIM4</i>	-0.001178153	0.003009161	0.138350179	1
T2DM	endothelial_cell	<i>SLC22A5</i>	-0.004384011	0.011377489	0.277032449	1
T2DM	endothelial_cell	<i>SLU7</i>	-0.001031246	0.008140365	0.2364587	1
T2DM	endothelial_cell	<i>TBC1D7</i>	-0.002726965	0.029590856	0.453686036	1
T2DM	endothelial_cell	<i>TRIM38</i>	-0.0054705	0.003248402	0.138350179	1
T2DM	endothelial_cell	<i>ZFP57</i>	-0.014564466	0.016923036	0.347116176	1
T2DM	endothelial_cell	<i>ATP6V1G2</i>	0.022978426	0.04893312	0.550035165	1
T2DM	endothelial_cell	<i>AGER</i>	-0.011755369	0.008216956	0.2364587	1
T2DM	endothelial_cell	<i>CCDC167</i>	-0.003074446	0.042068538	0.53530068	1
T2DM	endothelial_cell	<i>KIF6</i>	0.023895539	0.012089946	0.288079553	1
T2DM	endothelial_cell	<i>PEX6</i>	0.004494282	0.040129502	0.525067822	1
T2DM	endothelial_cell	<i>MRPL14</i>	0.001158669	0.017102129	0.347116176	1
T2DM	endothelial_cell	<i>LRRC1</i>	-0.003908233	0.001630937	0.109724077	1
T2DM	endothelial_cell	<i>FAM83B</i>	-0.008963367	0.048307865	0.548733235	1
T2DM	endothelial_cell	<i>SMIM8</i>	-0.004659494	0.03279165	0.481555085	1
T2DM	endothelial_cell	<i>C6orf163</i>	0.010448692	0.027706868	0.438650658	1
T2DM	endothelial_cell	<i>BACH2</i>	-0.006886228	0.002101641	0.120957521	1
T2DM	endothelial_cell	<i>SMPD2</i>	0.003359042	0.033555044	0.486548142	1
T2DM	endothelial_cell	<i>NUS1</i>	0.001460732	0.00184663	0.113896064	1
T2DM	endothelial_cell	<i>L3MBTL3</i>	0.004836266	0.000146518	0.023831532	0.548125241
T2DM	endothelial_cell	<i>RAET1G</i>	0.019633603	0.034467943	0.492237265	1
T2DM	endothelial_cell	<i>TULP4</i>	0.00183783	0.019963811	0.382776124	1
T2DM	endothelial_cell	<i>RNASET2</i>	-0.002631218	0.021818424	0.396226819	1
T2DM	endothelial_cell	<i>PRKAR1B</i>	-0.004566024	0.014808124	0.329745195	1
T2DM	endothelial_cell	<i>EIF2AK1</i>	-0.004427737	0.004748649	0.174163684	1
T2DM	endothelial_cell	<i>PRR15</i>	-0.008700882	0.003283483	0.138350179	1
T2DM	endothelial_cell	<i>CRHR2</i>	-0.032789934	2.69E-05	0.011187117	0.100684055
T2DM	endothelial_cell	<i>PSPH</i>	-0.00751097	0.042560617	0.536589162	1
T2DM	endothelial_cell	<i>CRCP</i>	0.002331326	0.009026383	0.246479566	1
T2DM	endothelial_cell	<i>LINC00174</i>	0.006224167	0.002711441	0.132926417	1
T2DM	endothelial_cell	<i>RABGEF1</i>	0.003300673	6.11E-05	0.015240386	0.228605795
T2DM	endothelial_cell	<i>POM121</i>	0.005424301	0.000586696	0.05884466	1
T2DM	endothelial_cell	<i>PTPN12</i>	-0.002742963	0.007330637	0.222958636	1

T2DM	endothelial_cell	<i>MBLAC1</i>	0.015783808	2.09E-06	0.002859142	0.007808303
T2DM	endothelial_cell	<i>SAP25</i>	-0.009494256	0.040986337	0.530553243	1
T2DM	endothelial_cell	<i>GIGYF1</i>	0.00295004	0.003977907	0.150316681	1
T2DM	endothelial_cell	<i>VGF</i>	0.000269813	0.045748599	0.548733235	1
T2DM	endothelial_cell	<i>NAT16</i>	0.003519727	0.008296818	0.236526032	1
T2DM	endothelial_cell	<i>CLDN15</i>	-0.004077076	0.005467609	0.19047814	1
T2DM	endothelial_cell	<i>LRWD1</i>	-0.002806479	0.023610473	0.406957172	1
T2DM	endothelial_cell	<i>WASL</i>	-0.000951244	0.031097976	0.469102943	1
T2DM	endothelial_cell	<i>SND1</i>	-0.004727472	0.003461915	0.142210671	1
T2DM	endothelial_cell	<i>IRF5</i>	0.008271889	0.003772776	0.145880747	1
T2DM	endothelial_cell	<i>LRRC61</i>	-0.00261679	0.009410336	0.251457609	1
T2DM	endothelial_cell	<i>GIMAP6</i>	0.003726176	0.020259201	0.382776124	1
T2DM	endothelial_cell	<i>LINC01003</i>	-0.002213741	0.023145602	0.405246333	1
T2DM	endothelial_cell	<i>ARHGEF10</i>	0.008084629	0.047603837	0.548733235	1
T2DM	endothelial_cell	<i>PPP1R3B</i>	-0.006358426	0.028473997	0.444185546	1
T2DM	endothelial_cell	<i>BIN3</i>	0.00211618	0.049489448	0.552002704	1
T2DM	endothelial_cell	<i>TNFRSF10D</i>	0.006286383	0.013081972	0.302096653	1
T2DM	endothelial_cell	<i>RNF122</i>	0.029096983	9.44E-05	0.01766454	0.353290791
T2DM	endothelial_cell	<i>SAMD12</i>	-0.004320666	0.003523422	0.142210671	1
T2DM	endothelial_cell	<i>ST3GAL1</i>	-0.004327018	0.036204924	0.505382909	1
T2DM	endothelial_cell	<i>ZC3H3</i>	-0.004511043	0.046611672	0.548733235	1
T2DM	endothelial_cell	<i>FOCAD</i>	-0.006260111	0.003218306	0.138350179	1
T2DM	endothelial_cell	<i>DMRTA1</i>	-0.00844178	0.044418185	0.546606679	1
T2DM	endothelial_cell	<i>IL11RA</i>	-0.005625415	0.015216674	0.330752912	1
T2DM	endothelial_cell	<i>PCSK5</i>	0.006019771	0.015145608	0.330752912	1
T2DM	endothelial_cell	<i>SPIN1</i>	-0.002590616	0.045401543	0.548733235	1
T2DM	endothelial_cell	<i>TMEM38B</i>	0.001502881	0.038440345	0.51359047	1
T2DM	endothelial_cell	<i>CDC26</i>	0.002352463	0.025140968	0.4180105	1
T2DM	endothelial_cell	<i>PRPF4</i>	-0.005462873	0.000590042	0.05884466	1
T2DM	endothelial_cell	<i>BSPRY</i>	0.004511576	0.001087738	0.0857771	1
T2DM	endothelial_cell	<i>PSMD5</i>	0.006488932	0.000797042	0.072725251	1
T2DM	endothelial_cell	<i>ARPC5L</i>	-0.001233325	1.10E-05	0.006888641	0.041331844
T2DM	endothelial_cell	<i>ZNF79</i>	0.011332807	0.024934199	0.416423392	1
T2DM	endothelial_cell	<i>RPL12</i>	-0.000326382	0.001001739	0.085170574	1
T2DM	endothelial_cell	<i>DDX31</i>	0.005162838	0.006516458	0.210155784	1
T2DM	endothelial_cell	<i>INPP5E</i>	-0.007976532	0.012295804	0.291130407	1
T2DM	endothelial_cell	<i>NOXA1</i>	-0.008845029	0.000231651	0.032096596	0.866608079
T2DM	endothelial_cell	<i>TRDMT1</i>	-0.015329427	0.000597727	0.05884466	1
T2DM	endothelial_cell	<i>MASTL</i>	-0.006041205	0.012793058	0.299117692	1
T2DM	endothelial_cell	<i>CSGALNACT2</i>	0.001558333	0.042632939	0.536589162	1
T2DM	endothelial_cell	<i>ASAH2</i>	-0.013575901	0.018394154	0.363068907	1
T2DM	endothelial_cell	<i>ASAH2B</i>	0.012239931	0.008030869	0.2364587	1
T2DM	endothelial_cell	<i>MYPN</i>	0.024031977	0.018536798	0.363068907	1
T2DM	endothelial_cell	<i>SGPL1</i>	0.002096295	0.009182614	0.247137838	1
T2DM	endothelial_cell	<i>SEMA4G</i>	-0.008889566	0.001060894	0.0857771	1
T2DM	endothelial_cell	<i>WBP1L</i>	0.006259943	0.017165595	0.347116176	1
T2DM	endothelial_cell	<i>GSTO2</i>	-0.001912124	0.001531107	0.108073012	1
T2DM	endothelial_cell	<i>RBM20</i>	-0.028671546	0.010459687	0.268011565	1
T2DM	endothelial_cell	<i>PPP2R2D</i>	0.002786041	0.041734161	0.53441502	1
T2DM	endothelial_cell	<i>PRAP1</i>	0.037813504	0.047019983	0.548733235	1
T2DM	endothelial_cell	<i>OR52N4</i>	-0.029480925	0.014560907	0.326181756	1
T2DM	endothelial_cell	<i>RRAS2</i>	-0.002083573	0.0241724	0.407743061	1
T2DM	endothelial_cell	<i>PDE3B</i>	0.003164532	0.01752607	0.352500153	1
T2DM	endothelial_cell	<i>TPH1</i>	-0.012447135	0.038145738	0.513320891	1
T2DM	endothelial_cell	<i>SAAL1</i>	-0.005683546	0.003084826	0.138350179	1
T2DM	endothelial_cell	<i>TIMM10</i>	0.002846644	0.013785723	0.31446579	1

T2DM	endothelial_cell	<i>EML3</i>	-0.003888495	0.009155344	0.247137838	1
T2DM	endothelial_cell	<i>SNX32</i>	-0.029401071	0.003535309	0.142210671	1
T2DM	endothelial_cell	<i>XRRAI</i>	-0.002814989	0.001072877	0.0857771	1
T2DM	endothelial_cell	<i>CREBZF</i>	-0.002940154	0.023398345	0.405246333	1
T2DM	endothelial_cell	<i>KDM4E</i>	-0.031108116	0.019030787	0.368881733	1
T2DM	endothelial_cell	<i>CEP57</i>	-0.001826533	0.03167379	0.473966593	1
T2DM	endothelial_cell	<i>TRPC6</i>	0.013933951	0.02389274	0.406957172	1
T2DM	endothelial_cell	<i>MMP1</i>	-0.002086252	0.015476544	0.330844302	1
T2DM	endothelial_cell	<i>ALKBH8</i>	-0.004708206	0.04071819	0.52891232	1
T2DM	endothelial_cell	<i>TRAPPC4</i>	0.001617509	0.011916651	0.285770456	1
T2DM	endothelial_cell	<i>VPS11</i>	0.005749819	0.006336277	0.207173321	1
T2DM	endothelial_cell	<i>HMBS</i>	-0.005491892	0.002409434	0.127201681	1
T2DM	endothelial_cell	<i>THY1</i>	0.00287767	0.03411279	0.492237265	1
T2DM	endothelial_cell	<i>POU2F3</i>	0.021182236	1.46E-06	0.002859142	0.005471005
T2DM	endothelial_cell	<i>JAM3</i>	-0.003712797	0.010722345	0.272271983	1
T2DM	endothelial_cell	<i>B3GAT1</i>	-0.022617989	0.00872223	0.239925454	1
T2DM	endothelial_cell	<i>LRRC23</i>	-0.003816376	4.62E-05	0.014780881	0.172954725
T2DM	endothelial_cell	<i>GPRC5A</i>	-0.010140119	0.007326479	0.222958636	1
T2DM	endothelial_cell	<i>C12orf71</i>	-0.015315632	0.036625043	0.507460312	1
T2DM	endothelial_cell	<i>RPS26</i>	-0.000476985	0.001751964	0.113896064	1
T2DM	endothelial_cell	<i>ERBB3</i>	-0.004060954	0.012733062	0.299117692	1
T2DM	endothelial_cell	<i>LRIG3</i>	-0.003857852	0.046241602	0.548733235	1
T2DM	endothelial_cell	<i>SRGAP1</i>	0.001231785	0.047929312	0.548733235	1
T2DM	endothelial_cell	<i>HELB</i>	-0.010894079	0.00022051	0.031727958	0.824926909
T2DM	endothelial_cell	<i>GLIPR1L2</i>	0.008348834	0.044094457	0.544545099	1
T2DM	endothelial_cell	<i>C12orf75</i>	0.000596251	0.035203251	0.495095352	1
T2DM	endothelial_cell	<i>WSCD2</i>	-0.014997002	0.00025647	0.034266231	0.959454455
T2DM	endothelial_cell	<i>GATC</i>	-0.005908025	0.001769592	0.113896064	1
T2DM	endothelial_cell	<i>COQ5</i>	0.005277714	0.0384058	0.51359047	1
T2DM	endothelial_cell	<i>POP5</i>	-0.004130561	0.000194267	0.029070062	0.726751553
T2DM	endothelial_cell	<i>BRI3BP</i>	-0.007411565	0.001968317	0.116880539	1
T2DM	endothelial_cell	<i>RIMBP2</i>	-0.00259791	0.009591241	0.254473988	1
T2DM	endothelial_cell	<i>TBC1D4</i>	-0.006290768	0.000747275	0.069888868	1
T2DM	endothelial_cell	<i>GPR180</i>	0.002611935	0.015943963	0.33509194	1
T2DM	endothelial_cell	<i>ABCC4</i>	-0.007056762	0.026246692	0.423982974	1
T2DM	endothelial_cell	<i>PROZ</i>	-0.028365165	0.028462359	0.444185546	1
T2DM	endothelial_cell	<i>TEPI</i>	-0.007335595	0.028733735	0.444185546	1
T2DM	endothelial_cell	<i>HAUS4</i>	-0.008245892	3.82E-06	0.002859142	0.014295709
T2DM	endothelial_cell	<i>DCAF11</i>	-0.003300978	0.04765836	0.548733235	1
T2DM	endothelial_cell	<i>SLC25A21</i>	0.011509729	0.034258758	0.492237265	1
T2DM	endothelial_cell	<i>RPL36AL</i>	-0.000686134	0.020647522	0.386211896	1
T2DM	endothelial_cell	<i>DAAMI</i>	-0.001211808	0.034806	0.492237265	1
T2DM	endothelial_cell	<i>DHRS7</i>	-0.001097257	0.049079636	0.550035165	1
T2DM	endothelial_cell	<i>HSPA2</i>	0.00177843	0.042378275	0.536589162	1
T2DM	endothelial_cell	<i>ATP6V1D</i>	0.001399327	0.045789814	0.548733235	1
T2DM	endothelial_cell	<i>PTGR2</i>	0.007714439	0.015383856	0.330752912	1
T2DM	endothelial_cell	<i>ZC2HC1C</i>	0.00338522	0.048321582	0.548733235	1
T2DM	endothelial_cell	<i>ANGEL1</i>	-0.007905463	0.003328392	0.138350179	1
T2DM	endothelial_cell	<i>TMEM63C</i>	0.011618928	0.037111449	0.510418868	1
T2DM	endothelial_cell	<i>TMED8</i>	-0.001356081	0.000476155	0.055626443	1
T2DM	endothelial_cell	<i>NOXRED1</i>	-0.022950161	0.047040998	0.548733235	1
T2DM	endothelial_cell	<i>BTBD7</i>	-0.0013986	0.032754471	0.481555085	1
T2DM	endothelial_cell	<i>DDX24</i>	0.000590899	0.019684146	0.37957933	1
T2DM	endothelial_cell	<i>CKB</i>	0.000780675	0.040610296	0.52891232	1
T2DM	endothelial_cell	<i>INF2</i>	-0.004898554	0.048465198	0.548733235	1
T2DM	endothelial_cell	<i>SIVA1</i>	-0.000723574	0.046753132	0.548733235	1

T2DM	endothelial_cell	<i>CEP170B</i>	-0.003011816	0.003117613	0.138350179	1
T2DM	endothelial_cell	<i>NIPAI</i>	-0.002989404	0.044027195	0.544545099	1
T2DM	endothelial_cell	<i>GOLGA8N</i>	-0.012399572	0.020942547	0.389781425	1
T2DM	endothelial_cell	<i>OIP5</i>	0.02367052	0.002410748	0.127201681	1
T2DM	endothelial_cell	<i>RPAP1</i>	-0.007968715	0.001924698	0.116133775	1
T2DM	endothelial_cell	<i>JMJD7</i>	0.016116574	1.60E-05	0.007466749	0.059733989
T2DM	endothelial_cell	<i>SPTBN5</i>	0.025428785	0.016751153	0.346221343	1
T2DM	endothelial_cell	<i>SPG21</i>	0.001608722	0.022257265	0.399274803	1
T2DM	endothelial_cell	<i>TLE3</i>	-0.00206585	0.005313291	0.189170555	1
T2DM	endothelial_cell	<i>HCN4</i>	0.018520994	0.007299612	0.222958636	1
T2DM	endothelial_cell	<i>ULK3</i>	0.011191849	0.003323398	0.138350179	1
T2DM	endothelial_cell	<i>RPP25</i>	0.004653905	7.34E-05	0.015245226	0.274414074
T2DM	endothelial_cell	<i>PEAK1</i>	0.004068265	0.023388668	0.405246333	1
T2DM	endothelial_cell	<i>LYSMD4</i>	0.004140361	0.040140497	0.525067822	1
T2DM	endothelial_cell	<i>SOX8</i>	0.019423943	0.0063686	0.207173321	1
T2DM	endothelial_cell	<i>FAHDI</i>	-0.005022545	0.006900599	0.216933958	1
T2DM	endothelial_cell	<i>RPL3L</i>	-0.027065008	0.045518174	0.548733235	1
T2DM	endothelial_cell	<i>RPS2</i>	-0.000221343	0.00049069	0.055626443	1
T2DM	endothelial_cell	<i>PLA2G10</i>	0.020678303	5.53E-05	0.014780881	0.206932327
T2DM	endothelial_cell	<i>KNOP1</i>	0.003922549	0.010205088	0.265119673	1
T2DM	endothelial_cell	<i>SLC5A11</i>	-0.026858996	0.000524385	0.057697779	1
T2DM	endothelial_cell	<i>LCMT1</i>	-0.002156498	0.040136952	0.525067822	1
T2DM	endothelial_cell	<i>AQP8</i>	-0.009074358	1.34E-05	0.007176035	0.050232248
T2DM	endothelial_cell	<i>HEATR3</i>	-0.006880529	0.008438072	0.236526032	1
T2DM	endothelial_cell	<i>CLEC18A</i>	0.013612138	0.022548226	0.401680532	1
T2DM	endothelial_cell	<i>PHLPP2</i>	-0.002372615	0.002864863	0.135663976	1
T2DM	endothelial_cell	<i>APIG1</i>	-0.002518339	0.029730643	0.453968717	1
T2DM	endothelial_cell	<i>OSGIN1</i>	0.002323341	0.023880384	0.406957172	1
T2DM	endothelial_cell	<i>TAF1C</i>	-0.004084436	0.002385613	0.127201681	1
T2DM	endothelial_cell	<i>ZDHHC7</i>	-0.005908772	0.011164114	0.27476941	1
T2DM	endothelial_cell	<i>MAP1LC3B</i>	-0.000759109	0.026526173	0.425898771	1
T2DM	endothelial_cell	<i>RPH3AL</i>	-0.004097095	0.042886971	0.536589162	1
T2DM	endothelial_cell	<i>TRPV3</i>	-0.022806122	0.00248215	0.127201681	1
T2DM	endothelial_cell	<i>DERL2</i>	0.001503575	0.014499858	0.326181756	1
T2DM	endothelial_cell	<i>EFNB3</i>	-0.002619007	0.030912693	0.468195893	1
T2DM	endothelial_cell	<i>KCNAB3</i>	-0.016347669	3.40E-06	0.002859142	0.012717946
T2DM	endothelial_cell	<i>ELAC2</i>	-0.002700912	0.047953429	0.548733235	1
T2DM	endothelial_cell	<i>TP53I13</i>	-0.002417662	0.009764553	0.25724783	1
T2DM	endothelial_cell	<i>CCT6B</i>	-0.005090376	0.028614855	0.444185546	1
T2DM	endothelial_cell	<i>SLFN12</i>	0.022044431	0.006640777	0.2123346	1
T2DM	endothelial_cell	<i>DHRS11</i>	0.004160926	0.018858711	0.367450196	1
T2DM	endothelial_cell	<i>HSD17B1</i>	-0.004304069	0.017873156	0.355656791	1
T2DM	endothelial_cell	<i>BECN1</i>	0.003022146	7.03E-05	0.015245226	0.263166019
T2DM	endothelial_cell	<i>NMT1</i>	-0.001074737	0.03810581	0.513320891	1
T2DM	endothelial_cell	<i>COX11</i>	0.001142193	0.009930836	0.259799007	1
T2DM	endothelial_cell	<i>TEX14</i>	-0.007026495	0.002740255	0.132926417	1
T2DM	endothelial_cell	<i>CD79B</i>	-0.016144079	0.042853365	0.536589162	1
T2DM	endothelial_cell	<i>MILR1</i>	-0.013509974	0.000636037	0.061010647	1
T2DM	endothelial_cell	<i>WIP1I</i>	-0.001953871	0.010277666	0.265163771	1
T2DM	endothelial_cell	<i>ITGB4</i>	-0.016514943	0.011018589	0.27476941	1
T2DM	endothelial_cell	<i>FBF1</i>	-0.007921396	0.033264829	0.484216836	1
T2DM	endothelial_cell	<i>CCDC40</i>	-0.00606808	0.046563366	0.548733235	1
T2DM	endothelial_cell	<i>EIF4A3</i>	-0.002388682	0.046775123	0.548733235	1
T2DM	endothelial_cell	<i>CEP192</i>	0.003517766	0.025780214	0.419321948	1
T2DM	endothelial_cell	<i>SLC14A1</i>	0.009360281	0.013785222	0.31446579	1
T2DM	endothelial_cell	<i>SHC2</i>	0.003733787	0.003782527	0.145880747	1

T2DM	endothelial_cell	<i>TIMM13</i>	0.000989556	0.0108443	0.272271983	1
T2DM	endothelial_cell	<i>ZNF555</i>	-0.002673314	0.003201571	0.138350179	1
T2DM	endothelial_cell	<i>ZNF556</i>	-0.014106808	0.005498968	0.19047814	1
T2DM	endothelial_cell	<i>TLE6</i>	-0.017078278	0.020238816	0.382776124	1
T2DM	endothelial_cell	<i>GNA15</i>	-0.034921537	3.13E-06	0.002859142	0.011707309
T2DM	endothelial_cell	<i>MRPL54</i>	-0.001632626	0.003666866	0.145880747	1
T2DM	endothelial_cell	<i>CAPS</i>	-0.004612036	0.046108563	0.548733235	1
T2DM	endothelial_cell	<i>HNRNPM</i>	-0.00127079	0.034868451	0.492237265	1
T2DM	endothelial_cell	<i>DOCK6</i>	-0.001898702	0.047607752	0.548733235	1
T2DM	endothelial_cell	<i>MRII</i>	-0.010538723	0.000591713	0.05884466	1
T2DM	endothelial_cell	<i>ABHD8</i>	-0.003907773	0.011115517	0.27476941	1
T2DM	endothelial_cell	<i>ZNF681</i>	0.004303284	0.026293518	0.423982974	1
T2DM	endothelial_cell	<i>KCTD15</i>	-0.013530129	0.039161737	0.521366757	1
T2DM	endothelial_cell	<i>ATP4A</i>	-0.061979905	0.001334109	0.095978908	1
T2DM	endothelial_cell	<i>IGFLR1</i>	-0.005581581	0.047928731	0.548733235	1
T2DM	endothelial_cell	<i>PPPIR14A</i>	-0.00756841	0.001857167	0.113896064	1
T2DM	endothelial_cell	<i>CXCL17</i>	-0.009324667	0.031337952	0.470824406	1
T2DM	endothelial_cell	<i>TEAD2</i>	-0.007809528	0.043137989	0.537930726	1
T2DM	endothelial_cell	<i>ALDH16A1</i>	0.008164833	0.010784225	0.272271983	1
T2DM	endothelial_cell	<i>VPS16</i>	-0.005206298	0.022033406	0.398197926	1
T2DM	endothelial_cell	<i>MRPS26</i>	0.001980685	6.79E-05	0.015245226	0.254017004
T2DM	endothelial_cell	<i>ITPA</i>	0.002723901	0.014087838	0.319409701	1
T2DM	endothelial_cell	<i>SPTLC3</i>	-0.021120168	0.021283993	0.394175327	1
T2DM	endothelial_cell	<i>CST2</i>	0.011090973	0.004231139	0.158286908	1
T2DM	endothelial_cell	<i>APMAP</i>	-0.002415625	0.015704428	0.331922396	1
T2DM	endothelial_cell	<i>CHMP4B</i>	-0.001147063	0.000189514	0.029070062	0.708972665
T2DM	endothelial_cell	<i>NCOA3</i>	-0.002128674	0.005327044	0.189170555	1
T2DM	endothelial_cell	<i>MTG2</i>	-0.003306051	0.017011963	0.347116176	1
T2DM	endothelial_cell	<i>LIME1</i>	0.012983736	0.002398439	0.127201681	1
T2DM	endothelial_cell	<i>ADAMTS5</i>	0.007275492	0.016098452	0.336448645	1
T2DM	endothelial_cell	<i>PIGP</i>	-0.00244137	0.032824525	0.481555085	1
T2DM	endothelial_cell	<i>SH3BGR</i>	0.007047926	0.003710718	0.145880747	1
T2DM	endothelial_cell	<i>SUSD2</i>	-0.006974053	0.004394783	0.162781007	1
T2DM	endothelial_cell	<i>UQCRI0</i>	-0.00075317	0.011404169	0.277032449	1
T2DM	endothelial_cell	<i>PLA2G6</i>	0.005231342	0.025780286	0.419321948	1
T2DM	endothelial_cell	<i>APOBEC3C</i>	-0.010657829	0.021413712	0.394624123	1
T2DM	endothelial_cell	<i>BIK</i>	-0.004920284	0.018474869	0.363068907	1
T2DM	endothelial_cell	<i>RIBC2</i>	0.031989004	0.03472864	0.492237265	1
T2DM	endothelial_cell	<i>TBC1D22A</i>	0.002998363	0.0118704	0.285770456	1
T2DM	endothelial_cell	<i>SCO2</i>	-0.003321577	0.001642488	0.109724077	1
T2DM	epsilon_cell	<i>Clorf159</i>	-0.010041321	0.043672365	0.270942484	1
T2DM	epsilon_cell	<i>ATAD3A</i>	-0.00597153	0.005662176	0.110323965	1
T2DM	epsilon_cell	<i>CEP104</i>	-0.003898773	0.014077638	0.168257011	1
T2DM	epsilon_cell	<i>DFFB</i>	-0.01318848	0.003270487	0.080492715	1
T2DM	epsilon_cell	<i>MTHFR</i>	-0.005832435	5.79E-05	0.008664769	0.21661922
T2DM	epsilon_cell	<i>UBR4</i>	0.003405765	0.010532216	0.148683093	1
T2DM	epsilon_cell	<i>NBPF3</i>	-0.010295834	0.034118164	0.242193644	1
T2DM	epsilon_cell	<i>RHD</i>	-0.022718398	0.043155597	0.269524356	1
T2DM	epsilon_cell	<i>CNKSR1</i>	-0.00715513	0.013477218	0.165456754	1
T2DM	epsilon_cell	<i>CEP85</i>	-0.012673041	0.017186141	0.178766982	1
T2DM	epsilon_cell	<i>RPA2</i>	-0.005329191	0.004879767	0.103722779	1
T2DM	epsilon_cell	<i>XKR8</i>	-0.004135621	0.034584163	0.243652267	1
T2DM	epsilon_cell	<i>RAB42</i>	-0.015404732	0.009302109	0.139196757	1
T2DM	epsilon_cell	<i>EPB41</i>	-0.002274306	0.0350413	0.245918539	1
T2DM	epsilon_cell	<i>CSMD2</i>	-0.01279398	0.036450654	0.248806675	1
T2DM	epsilon_cell	<i>AGO4</i>	-0.006380615	0.002989887	0.077139081	1

T2DM	epsilon_cell	<i>Clorf109</i>	-0.002903078	0.006207746	0.11512307	1
T2DM	epsilon_cell	<i>INPP5B</i>	-0.004999906	0.045136016	0.27239259	1
T2DM	epsilon_cell	<i>FHL3</i>	-0.003711028	0.037838492	0.249858781	1
T2DM	epsilon_cell	<i>PPIE</i>	-0.004721854	0.006288651	0.115322766	1
T2DM	epsilon_cell	<i>ZFP69</i>	0.016502214	0.027734761	0.21802684	1
T2DM	epsilon_cell	<i>CITED4</i>	-0.002335792	0.024101743	0.207274994	1
T2DM	epsilon_cell	<i>GUCA2A</i>	-0.011630248	0.011009045	0.153103488	1
T2DM	epsilon_cell	<i>ERMAP</i>	-0.007099484	0.04795218	0.27839949	1
T2DM	epsilon_cell	<i>FAM183A</i>	-0.006082564	0.019563952	0.191027747	1
T2DM	epsilon_cell	<i>EPSI5</i>	-0.003283353	0.000181912	0.015122984	0.680534297
T2DM	epsilon_cell	<i>ORC1</i>	-0.022468122	0.010405463	0.148575712	1
T2DM	epsilon_cell	<i>GPX7</i>	-0.003975536	0.03428112	0.242889526	1
T2DM	epsilon_cell	<i>TTC4</i>	-0.002432979	0.02317407	0.202556533	1
T2DM	epsilon_cell	<i>TM2D1</i>	-0.004077707	0.002516153	0.069212713	1
T2DM	epsilon_cell	<i>UBE2U</i>	-0.031957092	0.020059476	0.191027747	1
T2DM	epsilon_cell	<i>FPGT</i>	-0.006049823	0.030901292	0.23306801	1
T2DM	epsilon_cell	<i>TNNI3K</i>	-0.024371772	0.004999815	0.104624943	1
T2DM	epsilon_cell	<i>GNG5</i>	-0.001177002	0.000154979	0.014140913	0.579777432
T2DM	epsilon_cell	<i>SYDE2</i>	-0.005380014	0.040445289	0.25851213	1
T2DM	epsilon_cell	<i>RBMXL1</i>	-0.004345656	0.008446065	0.132759371	1
T2DM	epsilon_cell	<i>GBP3</i>	-0.008144543	0.017576623	0.181447717	1
T2DM	epsilon_cell	<i>HFMI</i>	-0.008361422	0.036464093	0.248806675	1
T2DM	epsilon_cell	<i>CDC7</i>	-0.010735046	0.001132214	0.048685185	1
T2DM	epsilon_cell	<i>CCDC18</i>	-0.007555535	0.002253212	0.064345554	1
T2DM	epsilon_cell	<i>PALMD</i>	-0.004077755	0.04845723	0.27883986	1
T2DM	epsilon_cell	<i>LRRC39</i>	0.010244744	0.003312616	0.080996711	1
T2DM	epsilon_cell	<i>RTCA</i>	-0.005916594	2.63E-10	4.93E-07	9.85E-07
T2DM	epsilon_cell	<i>SYPL2</i>	-0.005997636	0.027917768	0.2184945	1
T2DM	epsilon_cell	<i>SRGAP2C</i>	-0.005267563	0.002206321	0.063491132	1
T2DM	epsilon_cell	<i>NUDT17</i>	-0.005329472	0.009932378	0.144579868	1
T2DM	epsilon_cell	<i>THEM4</i>	-0.001916962	0.021352337	0.195303405	1
T2DM	epsilon_cell	<i>DENND4B</i>	-0.004568853	0.039016243	0.253843073	1
T2DM	epsilon_cell	<i>BGLAP</i>	-0.016491764	0.015564806	0.173814749	1
T2DM	epsilon_cell	<i>PAQR6</i>	-0.00998679	0.00518292	0.104996554	1
T2DM	epsilon_cell	<i>NITI</i>	-0.005800058	0.018464592	0.186045948	1
T2DM	epsilon_cell	<i>TSEN15</i>	-0.001978022	0.016989204	0.178168255	1
T2DM	epsilon_cell	<i>DDX59</i>	-0.00462139	0.011529504	0.155222748	1
T2DM	epsilon_cell	<i>ARL8A</i>	-0.001655273	0.033420241	0.240510893	1
T2DM	epsilon_cell	<i>CHI3L1</i>	-0.005212201	0.002144537	0.063382155	1
T2DM	epsilon_cell	<i>GOLT1A</i>	-0.003952286	0.004307785	0.098264773	1
T2DM	epsilon_cell	<i>LEFTY1</i>	-0.02473172	4.38E-05	0.007447283	0.163840216
T2DM	epsilon_cell	<i>AGT</i>	-0.003683435	0.027386019	0.217651487	1
T2DM	epsilon_cell	<i>COA6</i>	-0.004441047	0.002565826	0.070063907	1
T2DM	epsilon_cell	<i>EFCAB2</i>	-0.005011577	0.027402793	0.217651487	1
T2DM	epsilon_cell	<i>TRIM58</i>	0.016275713	0.000174784	0.015122984	0.653868789
T2DM	epsilon_cell	<i>SH3YL1</i>	-0.002385721	0.001445612	0.054626594	1
T2DM	epsilon_cell	<i>TAF1B</i>	-0.005451621	0.027212407	0.21706101	1
T2DM	epsilon_cell	<i>DDX1</i>	0.000778588	0.039192159	0.254103755	1
T2DM	epsilon_cell	<i>ATRAID</i>	0.000782479	0.030329402	0.229680758	1
T2DM	epsilon_cell	<i>CAD</i>	0.006454198	0.007143653	0.121840972	1
T2DM	epsilon_cell	<i>PPP1CB</i>	-0.000754593	0.013295512	0.165066858	1
T2DM	epsilon_cell	<i>LCLAT1</i>	0.003566116	0.018627827	0.186342057	1
T2DM	epsilon_cell	<i>RASGRP3</i>	-0.006158984	0.011104324	0.153288839	1
T2DM	epsilon_cell	<i>STRN</i>	-0.003516452	0.02550928	0.210656947	1
T2DM	epsilon_cell	<i>CEBPZ</i>	-0.001469175	0.012799481	0.164281651	1
T2DM	epsilon_cell	<i>PLEKHH2</i>	-0.004583291	0.006696786	0.119298463	1

T2DM	epsilon_cell	<i>EML6</i>	-0.005579716	0.015905771	0.174497149	1
T2DM	epsilon_cell	<i>RTN4</i>	-0.000494459	0.00427235	0.098054355	1
T2DM	epsilon_cell	<i>CLHC1</i>	-0.006100043	0.00413049	0.096576028	1
T2DM	epsilon_cell	<i>FANCL</i>	-0.008425813	0.014500388	0.16846569	1
T2DM	epsilon_cell	<i>CEP68</i>	-0.005248699	0.001173896	0.049343183	1
T2DM	epsilon_cell	<i>PPP3R1</i>	-0.001582765	0.004096366	0.096380524	1
T2DM	epsilon_cell	<i>SNRNP27</i>	-0.002022181	0.021822355	0.197669323	1
T2DM	epsilon_cell	<i>NAGK</i>	-0.009937292	2.42E-05	0.00476735	0.090579642
T2DM	epsilon_cell	<i>LBX2</i>	-0.014765974	0.026331747	0.213359762	1
T2DM	epsilon_cell	<i>TGOLN2</i>	-0.001321898	0.013850402	0.16685262	1
T2DM	epsilon_cell	<i>PLGLB1</i>	-0.034424485	0.012253601	0.158618416	1
T2DM	epsilon_cell	<i>RGPD2</i>	-0.019529647	0.022360778	0.19935921	1
T2DM	epsilon_cell	<i>THNSL2</i>	-0.005227775	0.001205149	0.050094031	1
T2DM	epsilon_cell	<i>KANSL3</i>	-0.005340471	0.000305238	0.022390121	1
T2DM	epsilon_cell	<i>ACTR1B</i>	-0.004307575	0.018404502	0.186045948	1
T2DM	epsilon_cell	<i>MRPS9</i>	-0.003510451	0.010710707	0.150070239	1
T2DM	epsilon_cell	<i>GCC2</i>	-0.000997467	0.0149454	0.170459572	1
T2DM	epsilon_cell	<i>POLR1B</i>	0.003881134	0.014786742	0.169778113	1
T2DM	epsilon_cell	<i>CHCHD5</i>	-0.00161279	0.031132072	0.233392812	1
T2DM	epsilon_cell	<i>SLC20A1</i>	-0.002781745	0.009374622	0.139722948	1
T2DM	epsilon_cell	<i>RABL2A</i>	-0.013158663	0.022518065	0.199621043	1
T2DM	epsilon_cell	<i>ERCC3</i>	-0.00491997	0.000454777	0.025113231	1
T2DM	epsilon_cell	<i>MZT2A</i>	-0.001670855	0.006457722	0.117273479	1
T2DM	epsilon_cell	<i>C2orf27A</i>	-0.002954053	0.029300343	0.225540295	1
T2DM	epsilon_cell	<i>PHOSPHO2</i>	-0.009256603	0.003414345	0.082941983	1
T2DM	epsilon_cell	<i>CYBRD1</i>	-0.00569972	0.000127502	0.012230364	0.476984186
T2DM	epsilon_cell	<i>CWC22</i>	0.001591079	0.043982062	0.271065722	1
T2DM	epsilon_cell	<i>PMS1</i>	0.00643659	0.008564661	0.133501647	1
T2DM	epsilon_cell	<i>GTF3C3</i>	-0.003947911	0.013127928	0.165066858	1
T2DM	epsilon_cell	<i>ANKRD44</i>	-0.007280263	0.032693052	0.238327513	1
T2DM	epsilon_cell	<i>CASP8</i>	-0.00861497	0.013454568	0.165456754	1
T2DM	epsilon_cell	<i>NDUFS1</i>	-0.001918833	0.044767299	0.27239259	1
T2DM	epsilon_cell	<i>SMARCA1</i>	-0.004602228	0.041959561	0.265601892	1
T2DM	epsilon_cell	<i>DIRC3</i>	-0.027310554	0.045058789	0.27239259	1
T2DM	epsilon_cell	<i>C2orf72</i>	-0.015301022	0.003023482	0.077471543	1
T2DM	epsilon_cell	<i>CHL1</i>	-0.007850527	0.022157702	0.198781689	1
T2DM	epsilon_cell	<i>THUMPD3</i>	-0.001945684	0.016275473	0.175217873	1
T2DM	epsilon_cell	<i>CRELD1</i>	-0.004061786	0.002621773	0.070561537	1
T2DM	epsilon_cell	<i>ATG7</i>	-0.009242045	0.001822117	0.058763281	1
T2DM	epsilon_cell	<i>EFHB</i>	-0.005566312	0.037263293	0.249858781	1
T2DM	epsilon_cell	<i>CMTM7</i>	-0.004810797	0.017879866	0.182755678	1
T2DM	epsilon_cell	<i>CTDSPL</i>	-0.00263951	0.000121274	0.011939118	0.453686476
T2DM	epsilon_cell	<i>NKTR</i>	-0.001480432	0.026143926	0.21261832	1
T2DM	epsilon_cell	<i>POMGNT2</i>	-0.005111663	0.032745347	0.238327513	1
T2DM	epsilon_cell	<i>EXOSC7</i>	-0.004127613	0.029471827	0.226394468	1
T2DM	epsilon_cell	<i>LIMD1</i>	-0.004954278	0.021650505	0.196588684	1
T2DM	epsilon_cell	<i>ALS2CL</i>	0.013423504	0.000456873	0.025113231	1
T2DM	epsilon_cell	<i>WDR6</i>	-0.003306142	0.00829174	0.130883543	1
T2DM	epsilon_cell	<i>NT5DC2</i>	-0.002579043	0.011164407	0.153551636	1
T2DM	epsilon_cell	<i>ITIH4</i>	-0.007532161	0.008664943	0.134138367	1
T2DM	epsilon_cell	<i>TKT</i>	-0.000800238	0.012215399	0.158618416	1
T2DM	epsilon_cell	<i>PXK</i>	-0.002548673	0.031031582	0.233110741	1
T2DM	epsilon_cell	<i>CADPS</i>	-0.001744926	0.011327213	0.154091288	1
T2DM	epsilon_cell	<i>CGGBP1</i>	-0.001312653	0.000463195	0.025113231	1
T2DM	epsilon_cell	<i>ST3GAL6</i>	-0.003287993	0.047583755	0.277275434	1
T2DM	epsilon_cell	<i>IFT57</i>	-0.001420998	0.003848435	0.091700596	1

T2DM	epsilon_cell	<i>SLC35A5</i>	-0.004104433	0.047562705	0.277275434	1
T2DM	epsilon_cell	<i>SIDT1</i>	-0.016618997	0.020210733	0.191027747	1
T2DM	epsilon_cell	<i>GAP43</i>	-0.030686069	1.61E-10	4.93E-07	6.02E-07
T2DM	epsilon_cell	<i>UPK1B</i>	-0.008858263	0.002365689	0.06654166	1
T2DM	epsilon_cell	<i>WDR5B</i>	-0.006775643	0.019057701	0.188327489	1
T2DM	epsilon_cell	<i>TPRA1</i>	-0.003686087	0.001291866	0.05146418	1
T2DM	epsilon_cell	<i>NEK11</i>	-0.007627454	0.008533899	0.133501647	1
T2DM	epsilon_cell	<i>ACKR4</i>	0.007670474	0.048429557	0.27883986	1
T2DM	epsilon_cell	<i>TF</i>	-0.007507365	0.014451921	0.168425663	1
T2DM	epsilon_cell	<i>ESYT3</i>	-0.015351753	0.036594206	0.248806675	1
T2DM	epsilon_cell	<i>PLS1</i>	-0.002002298	0.047780719	0.277990155	1
T2DM	epsilon_cell	<i>TRPC1</i>	-0.003096982	0.042108642	0.266095318	1
T2DM	epsilon_cell	<i>DHX36</i>	0.000654803	0.049116688	0.280375448	1
T2DM	epsilon_cell	<i>VEPH1</i>	-0.014547534	0.00973013	0.143308719	1
T2DM	epsilon_cell	<i>GPM1</i>	-0.002071419	0.048523055	0.27883986	1
T2DM	epsilon_cell	<i>NCEH1</i>	-0.003271488	0.007453805	0.125286887	1
T2DM	epsilon_cell	<i>MRPL47</i>	-0.001293092	0.001562227	0.056740698	1
T2DM	epsilon_cell	<i>MAP6D1</i>	-0.013313674	0.043464732	0.270942484	1
T2DM	epsilon_cell	<i>XXYL1</i>	-0.004122962	0.035471953	0.247114665	1
T2DM	epsilon_cell	<i>MUC4</i>	0.03146307	0.006735457	0.119418691	1
T2DM	epsilon_cell	<i>PIGX</i>	-0.002617847	0.015667986	0.174090065	1
T2DM	epsilon_cell	<i>PCGF3</i>	-0.006081592	0.004825828	0.103722779	1
T2DM	epsilon_cell	<i>ZFYVE28</i>	-0.009827032	0.045522211	0.27312266	1
T2DM	epsilon_cell	<i>CRMP1</i>	-0.002215339	0.045639392	0.27312266	1
T2DM	epsilon_cell	<i>CLNK</i>	-0.048496022	0.000342989	0.024209857	1
T2DM	epsilon_cell	<i>KLHL5</i>	-0.003267935	0.001712047	0.058763281	1
T2DM	epsilon_cell	<i>NIPAL1</i>	-0.005961953	0.032098665	0.236417832	1
T2DM	epsilon_cell	<i>ARL9</i>	-0.00636592	0.043133367	0.269524356	1
T2DM	epsilon_cell	<i>SULT1E1</i>	-0.001895872	0.042491339	0.268039538	1
T2DM	epsilon_cell	<i>G3BP2</i>	-0.001661986	0.02461463	0.209239621	1
T2DM	epsilon_cell	<i>NUP54</i>	-0.004810247	0.000415436	0.024704687	1
T2DM	epsilon_cell	<i>SPP1</i>	-0.000923376	0.009216478	0.138658315	1
T2DM	epsilon_cell	<i>APIAR</i>	-0.00220048	0.034022422	0.241973154	1
T2DM	epsilon_cell	<i>SLC10A7</i>	-0.009086726	0.016131724	0.175129823	1
T2DM	epsilon_cell	<i>ARFIP1</i>	-0.001879217	0.019060296	0.188327489	1
T2DM	epsilon_cell	<i>FSTL5</i>	-0.004193159	0.038257601	0.251531963	1
T2DM	epsilon_cell	<i>AGA</i>	-0.003438366	0.020319016	0.191027747	1
T2DM	epsilon_cell	<i>DCTD</i>	-0.004885219	0.000658809	0.032603085	1
T2DM	epsilon_cell	<i>PDLIM3</i>	-0.003190423	0.003787048	0.090816326	1
T2DM	epsilon_cell	<i>FAM149A</i>	-0.006323319	0.002741206	0.072801885	1
T2DM	epsilon_cell	<i>KLKB1</i>	-0.011387946	0.006227994	0.11512307	1
T2DM	epsilon_cell	<i>CEP72</i>	-0.016915568	0.033133573	0.240409379	1
T2DM	epsilon_cell	<i>DNAH5</i>	0.005519457	0.037414182	0.249858781	1
T2DM	epsilon_cell	<i>AMACR</i>	-0.001771474	0.037869535	0.249858781	1
T2DM	epsilon_cell	<i>CARD6</i>	-0.00711885	0.010580384	0.148801568	1
T2DM	epsilon_cell	<i>ERCC8</i>	-0.005811681	0.03682005	0.248806675	1
T2DM	epsilon_cell	<i>MAP1B</i>	-0.000413122	0.035338787	0.246877894	1
T2DM	epsilon_cell	<i>DHFR</i>	-0.00797889	0.023522437	0.204645202	1
T2DM	epsilon_cell	<i>ATG10</i>	-0.006355403	0.016299337	0.175217873	1
T2DM	epsilon_cell	<i>ATP6AP1L</i>	-0.007038598	0.018135612	0.184864641	1
T2DM	epsilon_cell	<i>GPR150</i>	-0.009446594	0.031853853	0.236417832	1
T2DM	epsilon_cell	<i>ERAP1</i>	-0.005595683	0.027148808	0.217016435	1
T2DM	epsilon_cell	<i>REEP5</i>	0.000672449	0.004596748	0.100883901	1
T2DM	epsilon_cell	<i>MCC</i>	-0.002699142	0.040386106	0.25851213	1
T2DM	epsilon_cell	<i>HSD17B4</i>	-0.003401795	0.027108964	0.217016435	1
T2DM	epsilon_cell	<i>FAM53C</i>	-0.001253283	0.026112492	0.21261832	1

T2DM	epsilon_cell	<i>IK</i>	-0.00140967	0.016150705	0.175129823	1
T2DM	epsilon_cell	<i>PCDHB8</i>	-0.030496405	0.00112972	0.048685185	1
T2DM	epsilon_cell	<i>CCDC69</i>	-0.003436475	0.019712413	0.191027747	1
T2DM	epsilon_cell	<i>GM2A</i>	-0.006086903	0.015203095	0.172347808	1
T2DM	epsilon_cell	<i>RGS14</i>	-0.003816305	0.036381676	0.248806675	1
T2DM	epsilon_cell	<i>DOK3</i>	-0.02098893	0.000102664	0.010668484	0.384065413
T2DM	epsilon_cell	<i>FAM153A</i>	-0.014457558	0.029795542	0.227945035	1
T2DM	epsilon_cell	<i>TBC1D7</i>	-0.004668781	0.000234102	0.01824534	0.875776299
T2DM	epsilon_cell	<i>SIRT5</i>	-0.013119177	0.001807545	0.058763281	1
T2DM	epsilon_cell	<i>DCDC2</i>	-0.004625848	0.005452002	0.107207665	1
T2DM	epsilon_cell	<i>MRS2</i>	-0.004457544	0.036106574	0.248806675	1
T2DM	epsilon_cell	<i>KIAA0319</i>	-0.008303313	0.011534863	0.155222748	1
T2DM	epsilon_cell	<i>TRIM38</i>	-0.005976745	0.00128606	0.05146418	1
T2DM	epsilon_cell	<i>ZNF165</i>	-0.004969678	0.035830511	0.248225816	1
T2DM	epsilon_cell	<i>ZFP57</i>	-0.022847015	0.000180035	0.015122984	0.673511408
T2DM	epsilon_cell	<i>RNF39</i>	-0.012398556	0.01315796	0.165066858	1
T2DM	epsilon_cell	<i>CCHCR1</i>	-0.008048024	0.047307963	0.276962581	1
T2DM	epsilon_cell	<i>VWA7</i>	-0.021074495	0.010513195	0.148683093	1
T2DM	epsilon_cell	<i>HLA-DOB</i>	0.03809895	0.022690018	0.199725545	1
T2DM	epsilon_cell	<i>SNRPC</i>	-0.001736212	0.003202117	0.079496247	1
T2DM	epsilon_cell	<i>LHFPL5</i>	-0.010209826	0.005699026	0.110466617	1
T2DM	epsilon_cell	<i>MAPK13</i>	-0.0033139	0.002079464	0.063330452	1
T2DM	epsilon_cell	<i>CCDC167</i>	-0.004700281	0.001884374	0.059239028	1
T2DM	epsilon_cell	<i>ABCC10</i>	-0.006563302	0.017606394	0.181447717	1
T2DM	epsilon_cell	<i>EFHC1</i>	0.001544652	0.012967617	0.165006314	1
T2DM	epsilon_cell	<i>MTOI</i>	-0.004503934	0.019801572	0.191027747	1
T2DM	epsilon_cell	<i>IRAK1BP1</i>	-0.003959626	0.007827624	0.127602362	1
T2DM	epsilon_cell	<i>USP45</i>	-0.006991115	0.011051984	0.153131372	1
T2DM	epsilon_cell	<i>WASF1</i>	-0.004739309	0.021151287	0.193938638	1
T2DM	epsilon_cell	<i>NUS1</i>	-0.00165687	0.000416592	0.024704687	1
T2DM	epsilon_cell	<i>SMPDL3A</i>	-0.001911756	0.015172948	0.172347808	1
T2DM	epsilon_cell	<i>AKAP7</i>	-0.007763109	0.000764206	0.03573618	1
T2DM	epsilon_cell	<i>ALDH8A1</i>	-0.034459819	9.22E-05	0.010145562	0.344949106
T2DM	epsilon_cell	<i>HBSIL</i>	-0.003187497	2.75E-06	0.001469837	0.010288859
T2DM	epsilon_cell	<i>WTAP</i>	0.00232038	0.004600868	0.100883901	1
T2DM	epsilon_cell	<i>DACT2</i>	-0.016658798	0.026349161	0.213359762	1
T2DM	epsilon_cell	<i>CYP2W1</i>	-0.039985934	0.040318537	0.25851213	1
T2DM	epsilon_cell	<i>PSMG3-AS1</i>	0.008750844	0.013915535	0.16685262	1
T2DM	epsilon_cell	<i>GNAI2</i>	-0.002833755	0.007710589	0.127602362	1
T2DM	epsilon_cell	<i>SDK1</i>	-0.004085879	0.018471174	0.186045948	1
T2DM	epsilon_cell	<i>VWDE</i>	0.00356531	0.015952426	0.174497149	1
T2DM	epsilon_cell	<i>FAM221A</i>	-0.003358446	0.022038006	0.198183128	1
T2DM	epsilon_cell	<i>JAZF1</i>	-0.006135819	0.00014412	0.013478837	0.539153471
T2DM	epsilon_cell	<i>CRHR2</i>	-0.024176008	0.001814679	0.058763281	1
T2DM	epsilon_cell	<i>COA1</i>	-0.002013134	0.043624562	0.270942484	1
T2DM	epsilon_cell	<i>POLM</i>	-0.004961694	0.009112302	0.13801264	1
T2DM	epsilon_cell	<i>ABCA13</i>	-0.016436819	0.047279007	0.276962581	1
T2DM	epsilon_cell	<i>FIGNL1</i>	-0.011207766	0.007012161	0.121432618	1
T2DM	epsilon_cell	<i>ZNF107</i>	0.005828207	0.013215056	0.165066858	1
T2DM	epsilon_cell	<i>CRCP</i>	-0.001897269	0.034346878	0.24289541	1
T2DM	epsilon_cell	<i>LINC00174</i>	-0.006324087	0.002298186	0.065132679	1
T2DM	epsilon_cell	<i>RABGEF1</i>	-0.001774927	0.030144775	0.229120436	1
T2DM	epsilon_cell	<i>TMEM248</i>	-0.002137371	0.027799733	0.21802684	1
T2DM	epsilon_cell	<i>POMI21</i>	-0.006652094	2.11E-05	0.004636126	0.078814142
T2DM	epsilon_cell	<i>TRIM73</i>	-0.012986538	6.52E-05	0.008815443	0.244059361
T2DM	epsilon_cell	<i>POR</i>	-0.001939988	0.032593281	0.23827737	1

T2DM	epsilon_cell	<i>ZNF804B</i>	-0.029383262	0.049766281	0.281467536	1
T2DM	epsilon_cell	<i>TRIM4</i>	-0.002377461	0.037628412	0.249858781	1
T2DM	epsilon_cell	<i>TFR2</i>	-0.024803687	0.02856071	0.22213226	1
T2DM	epsilon_cell	<i>NRCAM</i>	-0.001746953	0.016065284	0.175129823	1
T2DM	epsilon_cell	<i>MDFIC</i>	-0.002227839	0.032230178	0.236417832	1
T2DM	epsilon_cell	<i>TES</i>	-0.003870617	7.09E-05	0.008839752	0.265192568
T2DM	epsilon_cell	<i>CAV2</i>	-0.002410167	0.003098766	0.078327596	1
T2DM	epsilon_cell	<i>TSPAN12</i>	-0.003745702	0.030652061	0.231655272	1
T2DM	epsilon_cell	<i>COPG2</i>	-0.008240522	0.009872779	0.144273697	1
T2DM	epsilon_cell	<i>TMEM178B</i>	-0.003321109	0.033319368	0.240510893	1
T2DM	epsilon_cell	<i>TRPV5</i>	-0.069595797	0.002190454	0.063491132	1
T2DM	epsilon_cell	<i>GIMAP6</i>	-0.005170698	0.001306896	0.05146418	1
T2DM	epsilon_cell	<i>ABCF2</i>	-0.004120568	6.80E-06	0.002559377	0.025431529
T2DM	epsilon_cell	<i>RHEB</i>	-0.000932414	0.019079422	0.188327489	1
T2DM	epsilon_cell	<i>DPP6</i>	-0.003114273	0.038533269	0.252015665	1
T2DM	epsilon_cell	<i>VIPR2</i>	-0.021851138	0.020341787	0.191027747	1
T2DM	epsilon_cell	<i>MYOM2</i>	-0.01062017	0.020365402	0.191027747	1
T2DM	epsilon_cell	<i>PCMI</i>	-0.00104301	0.02977595	0.227945035	1
T2DM	epsilon_cell	<i>PSD3</i>	-0.003505833	0.007872387	0.127602362	1
T2DM	epsilon_cell	<i>FGF17</i>	-0.021121392	0.045095365	0.27239259	1
T2DM	epsilon_cell	<i>C8orf58</i>	-0.005009725	0.014794885	0.169778113	1
T2DM	epsilon_cell	<i>BIN3</i>	-0.002123329	0.047575242	0.277275434	1
T2DM	epsilon_cell	<i>PEBP4</i>	-0.010103621	0.040881371	0.260097291	1
T2DM	epsilon_cell	<i>CCDC25</i>	-0.001966435	0.001630885	0.058106119	1
T2DM	epsilon_cell	<i>PBK</i>	-0.01606649	0.020973193	0.193730161	1
T2DM	epsilon_cell	<i>DDHD2</i>	-0.003696955	0.012248144	0.158618416	1
T2DM	epsilon_cell	<i>SMIM19</i>	-0.002743673	8.70E-05	0.010145562	0.325652624
T2DM	epsilon_cell	<i>SNAI2</i>	-0.008151156	0.01490058	0.170459572	1
T2DM	epsilon_cell	<i>ADHFE1</i>	-0.013192002	0.008931075	0.135817693	1
T2DM	epsilon_cell	<i>XKR9</i>	-0.028816231	0.000368579	0.024704687	1
T2DM	epsilon_cell	<i>LRRCC1</i>	-0.007594377	0.002908032	0.07607656	1
T2DM	epsilon_cell	<i>NBN</i>	-0.004461171	0.0460246	0.27312266	1
T2DM	epsilon_cell	<i>ESRP1</i>	0.002840351	0.008105655	0.128488378	1
T2DM	epsilon_cell	<i>INTS8</i>	0.003624286	0.008735676	0.134138367	1
T2DM	epsilon_cell	<i>LAPTM4B</i>	-0.001700341	0.018660987	0.186342057	1
T2DM	epsilon_cell	<i>COL22A1</i>	-0.002630231	0.024336558	0.208653448	1
T2DM	epsilon_cell	<i>TOP1MT</i>	-0.007282206	0.025321862	0.210283756	1
T2DM	epsilon_cell	<i>PARP10</i>	-0.010451747	0.025733821	0.210656947	1
T2DM	epsilon_cell	<i>C8orf82</i>	-0.003029372	0.002487695	0.069212713	1
T2DM	epsilon_cell	<i>CD274</i>	-0.009810071	0.002804634	0.073888277	1
T2DM	epsilon_cell	<i>PTPRD</i>	0.00484956	0.036738996	0.248806675	1
T2DM	epsilon_cell	<i>LRRC19</i>	-0.01475835	0.01365054	0.165800879	1
T2DM	epsilon_cell	<i>APTX</i>	-0.004842357	0.000714443	0.034265772	1
T2DM	epsilon_cell	<i>IL11RA</i>	0.006231456	0.006859338	0.119910196	1
T2DM	epsilon_cell	<i>ARHGEF39</i>	0.025925042	0.0065329	0.118040445	1
T2DM	epsilon_cell	<i>TMEM8B</i>	0.005954977	0.005070814	0.104996554	1
T2DM	epsilon_cell	<i>ANKRD18A</i>	-0.013466097	0.004537877	0.100883901	1
T2DM	epsilon_cell	<i>RMI1</i>	-0.007821197	0.025584312	0.210656947	1
T2DM	epsilon_cell	<i>SPTLC1</i>	-0.003287553	0.0071652	0.121840972	1
T2DM	epsilon_cell	<i>INVS</i>	-0.009457061	9.17E-06	0.00274183	0.034293546
T2DM	epsilon_cell	<i>ZNF883</i>	-0.028496112	0.001708492	0.058763281	1
T2DM	epsilon_cell	<i>SH2D3C</i>	-0.012167381	0.019248925	0.18850845	1
T2DM	epsilon_cell	<i>CDK9</i>	-0.002903561	0.038654303	0.252366053	1
T2DM	epsilon_cell	<i>PHYHD1</i>	-0.014046766	0.006175431	0.11512307	1
T2DM	epsilon_cell	<i>DDX31</i>	-0.004240199	0.024932159	0.210133777	1
T2DM	epsilon_cell	<i>SURF6</i>	-0.003414215	2.93E-05	0.005488435	0.109768701

T2DM	epsilon_cell	<i>DNLZ</i>	0.032916151	0.000167674	0.014935	0.627270012
T2DM	epsilon_cell	<i>SNAPC4</i>	-0.005836503	0.029136428	0.224740981	1
T2DM	epsilon_cell	<i>LCN12</i>	-0.012578281	0.000894332	0.039829703	1
T2DM	epsilon_cell	<i>EXD3</i>	-0.003548363	0.040313779	0.25851213	1
T2DM	epsilon_cell	<i>AKRIC1</i>	0.00415331	0.044672701	0.27239259	1
T2DM	epsilon_cell	<i>IL2RA</i>	0.019987745	0.006920258	0.120412493	1
T2DM	epsilon_cell	<i>SEC61A2</i>	-0.006274359	0.005390329	0.107207665	1
T2DM	epsilon_cell	<i>TRDMT1</i>	-0.010079332	0.024492831	0.20919562	1
T2DM	epsilon_cell	<i>NSUN6</i>	-0.003896755	0.026761062	0.215297058	1
T2DM	epsilon_cell	<i>CSGALNACT2</i>	-0.002396423	0.001800625	0.058763281	1
T2DM	epsilon_cell	<i>ALOX5</i>	-0.007441557	4.36E-05	0.007447283	0.16309455
T2DM	epsilon_cell	<i>NCOA4</i>	-0.001773497	0.025653046	0.210656947	1
T2DM	epsilon_cell	<i>ASAH2</i>	-0.017045852	0.003124136	0.078438883	1
T2DM	epsilon_cell	<i>PHYHIPL</i>	-0.003749162	0.037639752	0.249858781	1
T2DM	epsilon_cell	<i>NUDT13</i>	-0.012066976	0.022819225	0.199922064	1
T2DM	epsilon_cell	<i>FAM149B1</i>	0.005200427	0.009861698	0.144273697	1
T2DM	epsilon_cell	<i>IFIT5</i>	-0.003537497	0.015510218	0.173814749	1
T2DM	epsilon_cell	<i>LINC00865</i>	-0.006819114	0.001601777	0.057617772	1
T2DM	epsilon_cell	<i>FRA10AC1</i>	0.001955158	0.005152638	0.104996554	1
T2DM	epsilon_cell	<i>NOC3L</i>	-0.005689147	0.002168649	0.063382155	1
T2DM	epsilon_cell	<i>SEMA4G</i>	-0.010834775	6.51E-05	0.008815443	0.243412381
T2DM	epsilon_cell	<i>NPM3</i>	-0.003727384	0.016906962	0.178168255	1
T2DM	epsilon_cell	<i>WBP1L</i>	0.006016219	0.021624658	0.196588684	1
T2DM	epsilon_cell	<i>GSTO1</i>	-0.001248776	0.004761043	0.102954123	1
T2DM	epsilon_cell	<i>DUSP5</i>	-0.002756961	0.041290601	0.261810402	1
T2DM	epsilon_cell	<i>SMC3</i>	0.002031621	0.021526177	0.196413239	1
T2DM	epsilon_cell	<i>ZDHHC6</i>	-0.003953548	0.011614787	0.155738061	1
T2DM	epsilon_cell	<i>CASP7</i>	-0.004388361	0.015938951	0.174497149	1
T2DM	epsilon_cell	<i>VWA2</i>	-0.011340128	0.00170914	0.058763281	1
T2DM	epsilon_cell	<i>AFAP1L2</i>	0.026386848	0.002112779	0.063330452	1
T2DM	epsilon_cell	<i>C10orf82</i>	-0.066883154	0.024995865	0.210133777	1
T2DM	epsilon_cell	<i>WDR11</i>	-0.002117119	0.035103047	0.245918539	1
T2DM	epsilon_cell	<i>HTRA1</i>	-0.002250618	0.032154529	0.236417832	1
T2DM	epsilon_cell	<i>LHPP</i>	-0.010916378	6.60E-05	0.008815443	0.246832409
T2DM	epsilon_cell	<i>PRAP1</i>	-0.073655801	0.000112482	0.011372827	0.420794614
T2DM	epsilon_cell	<i>PAOX</i>	0.011712067	0.000421584	0.024704687	1
T2DM	epsilon_cell	<i>SPRN</i>	-0.004542196	0.015551161	0.173814749	1
T2DM	epsilon_cell	<i>B4GALNT4</i>	-0.013108372	0.001426549	0.054456342	1
T2DM	epsilon_cell	<i>HRAS</i>	0.002314207	0.017202917	0.178766982	1
T2DM	epsilon_cell	<i>DRD4</i>	-0.024570257	0.034811644	0.244793912	1
T2DM	epsilon_cell	<i>DEAF1</i>	0.002987713	9.85E-07	0.000657331	0.003685207
T2DM	epsilon_cell	<i>TMEM80</i>	0.008662764	1.89E-05	0.004409406	0.070550498
T2DM	epsilon_cell	<i>TRIM22</i>	-0.016721792	0.020567178	0.191874849	1
T2DM	epsilon_cell	<i>TRIM66</i>	-0.004696695	0.021096786	0.193914196	1
T2DM	epsilon_cell	<i>SPTY2D1</i>	-0.004063658	2.32E-05	0.00476735	0.086904105
T2DM	epsilon_cell	<i>FANCF</i>	-0.004598284	0.035635952	0.247795719	1
T2DM	epsilon_cell	<i>ANO3</i>	-0.033671765	8.80E-06	0.00274183	0.032917301
T2DM	epsilon_cell	<i>TCP11L1</i>	0.004117369	0.045933429	0.27312266	1
T2DM	epsilon_cell	<i>PDHX</i>	-0.005530994	0.004443461	0.10013848	1
T2DM	epsilon_cell	<i>CD44</i>	-0.000933339	1.70E-05	0.004246784	0.063701761
T2DM	epsilon_cell	<i>SLC1A2</i>	0.009782006	0.004927843	0.104152882	1
T2DM	epsilon_cell	<i>HSD17B12</i>	-0.002194466	0.001714188	0.058763281	1
T2DM	epsilon_cell	<i>LRRC55</i>	-0.05332811	0.025173982	0.210283756	1
T2DM	epsilon_cell	<i>GLYATL1</i>	-0.047045748	0.020361899	0.191027747	1
T2DM	epsilon_cell	<i>CCDC88B</i>	-0.011303891	0.042727636	0.268194776	1
T2DM	epsilon_cell	<i>DPP3</i>	-0.004413742	0.022392951	0.19935921	1

T2DM	epsilon_cell	<i>PC</i>	-0.006241336	0.049432292	0.280392141	1
T2DM	epsilon_cell	<i>RAD9A</i>	-0.003072707	0.022622851	0.199725545	1
T2DM	epsilon_cell	<i>NADSYN1</i>	-0.002854229	0.01554914	0.173814749	1
T2DM	epsilon_cell	<i>UCP2</i>	-0.003821218	0.024956077	0.210133777	1
T2DM	epsilon_cell	<i>VSTM5</i>	-0.013463674	0.045073775	0.27239259	1
T2DM	epsilon_cell	<i>KDM4E</i>	-0.046435754	0.000422641	0.024704687	1
T2DM	epsilon_cell	<i>CEP57</i>	0.002335641	0.005980094	0.11337048	1
T2DM	epsilon_cell	<i>ARHGAP42</i>	-0.005496679	0.015729068	0.174090065	1
T2DM	epsilon_cell	<i>TTC12</i>	-0.013899174	8.53E-05	0.010145562	0.319200074
T2DM	epsilon_cell	<i>SIDT2</i>	-0.00433586	0.006789916	0.119654753	1
T2DM	epsilon_cell	<i>TAGLN</i>	-0.001204821	0.02990086	0.228283915	1
T2DM	epsilon_cell	<i>RNF214</i>	-0.007934188	0.007043806	0.121432618	1
T2DM	epsilon_cell	<i>KCNJ5</i>	-0.011199855	0.007913325	0.127602362	1
T2DM	epsilon_cell	<i>TMEM45B</i>	-0.001663915	0.049467739	0.280392141	1
T2DM	epsilon_cell	<i>B3GAT1</i>	0.027993943	0.001350262	0.05261804	1
T2DM	epsilon_cell	<i>TEAD4</i>	0.003663111	0.040494015	0.25851213	1
T2DM	epsilon_cell	<i>LRRC23</i>	-0.002314805	0.013533752	0.165456754	1
T2DM	epsilon_cell	<i>SLC2A14</i>	-0.026049736	0.033892253	0.241973154	1
T2DM	epsilon_cell	<i>FAM90A1</i>	-0.019679	0.001730749	0.058763281	1
T2DM	epsilon_cell	<i>M6PR</i>	-0.002195098	0.035989179	0.248806675	1
T2DM	epsilon_cell	<i>CREBL2</i>	-0.003899787	0.004611373	0.100883901	1
T2DM	epsilon_cell	<i>C12orf71</i>	-0.015566343	0.033431078	0.240510893	1
T2DM	epsilon_cell	<i>ARID2</i>	0.004229112	0.036204394	0.248806675	1
T2DM	epsilon_cell	<i>WNT10B</i>	-0.053032631	0.00035975	0.024704687	1
T2DM	epsilon_cell	<i>TFCP2</i>	-0.00608954	0.000402148	0.024704687	1
T2DM	epsilon_cell	<i>CALCOCO1</i>	-0.001676463	0.046055351	0.27312266	1
T2DM	epsilon_cell	<i>SARNP</i>	0.004288645	0.000370028	0.024704687	1
T2DM	epsilon_cell	<i>XPOT</i>	-0.002144393	0.047999912	0.27839949	1
T2DM	epsilon_cell	<i>MDM1</i>	0.006220937	0.015480979	0.173814749	1
T2DM	epsilon_cell	<i>YEATS4</i>	0.002964605	0.037304387	0.249858781	1
T2DM	epsilon_cell	<i>BEST3</i>	-0.025066478	0.007889098	0.127602362	1
T2DM	epsilon_cell	<i>MYRFL</i>	0.0458873	0.000694087	0.033721818	1
T2DM	epsilon_cell	<i>CEP290</i>	0.002224615	0.036684777	0.248806675	1
T2DM	epsilon_cell	<i>METAP2</i>	-0.001277643	0.00208981	0.063330452	1
T2DM	epsilon_cell	<i>CHPT1</i>	-0.002055105	0.023757269	0.205308567	1
T2DM	epsilon_cell	<i>ASCL1</i>	0.019307709	0.000631713	0.032373123	1
T2DM	epsilon_cell	<i>CORO1C</i>	-0.003786317	0.008690839	0.134138367	1
T2DM	epsilon_cell	<i>ACACB</i>	-0.003903948	0.008797961	0.134339476	1
T2DM	epsilon_cell	<i>DTX1</i>	-0.006856581	0.009992908	0.144897164	1
T2DM	epsilon_cell	<i>RITAI</i>	-0.006768777	0.018869684	0.187743322	1
T2DM	epsilon_cell	<i>SLC8B1</i>	0.005050256	0.021896548	0.197862289	1
T2DM	epsilon_cell	<i>PLBD2</i>	0.0031015	0.00522916	0.105173592	1
T2DM	epsilon_cell	<i>SIRT4</i>	-0.032185058	0.000651965	0.032603085	1
T2DM	epsilon_cell	<i>GATC</i>	-0.003720455	0.048824323	0.280140785	1
T2DM	epsilon_cell	<i>STX2</i>	-0.002718256	0.013212428	0.165066858	1
T2DM	epsilon_cell	<i>ANKLE2</i>	-0.001815306	0.037511788	0.249858781	1
T2DM	epsilon_cell	<i>ZNF10</i>	0.003193983	0.02037425	0.191027747	1
T2DM	epsilon_cell	<i>PARP4</i>	-0.00427096	0.028740273	0.22214331	1
T2DM	epsilon_cell	<i>ATP12A</i>	-0.036906484	1.05E-06	0.000657331	0.003943987
T2DM	epsilon_cell	<i>FLT3</i>	-0.024540742	0.020835025	0.193409001	1
T2DM	epsilon_cell	<i>FNDC3A</i>	0.002192749	0.033898215	0.241973154	1
T2DM	epsilon_cell	<i>DLEU1</i>	-0.004040238	0.007577871	0.126557213	1
T2DM	epsilon_cell	<i>GPR180</i>	-0.002157788	0.046068003	0.27312266	1
T2DM	epsilon_cell	<i>TEP1</i>	-0.008222105	0.014382287	0.168425663	1
T2DM	epsilon_cell	<i>DCAF11</i>	-0.004742317	0.004479224	0.100339991	1
T2DM	epsilon_cell	<i>RALGAP1</i>	0.000947794	0.042815877	0.268298484	1

T2DM	epsilon_cell	<i>PAX9</i>	-0.058515962	0.023763328	0.205308567	1
T2DM	epsilon_cell	<i>RHOJ</i>	-0.006006204	0.001859716	0.058959287	1
T2DM	epsilon_cell	<i>TMEM229B</i>	-0.017525474	0.001473887	0.055138112	1
T2DM	epsilon_cell	<i>ACOT4</i>	-0.008191114	0.024779174	0.209725993	1
T2DM	epsilon_cell	<i>ESRRB</i>	-0.035268677	0.006609648	0.118309533	1
T2DM	epsilon_cell	<i>NGB</i>	-0.035450352	0.014422536	0.168425663	1
T2DM	epsilon_cell	<i>ATXN3</i>	-0.002549607	0.049165008	0.280375448	1
T2DM	epsilon_cell	<i>SERPINA5</i>	0.002760968	0.02521091	0.210283756	1
T2DM	epsilon_cell	<i>PPP1R13B</i>	-0.004610549	0.019614986	0.191027747	1
T2DM	epsilon_cell	<i>SIVA1</i>	-0.000841038	0.020791996	0.193409001	1
T2DM	epsilon_cell	<i>AKT1</i>	-0.002102127	0.028634045	0.22214331	1
T2DM	epsilon_cell	<i>NPAPI</i>	-0.028625106	0.032181572	0.236417832	1
T2DM	epsilon_cell	<i>GABRA5</i>	-0.012576983	0.038333615	0.251589566	1
T2DM	epsilon_cell	<i>GOLGA8H</i>	-0.047561029	0.006812741	0.119654753	1
T2DM	epsilon_cell	<i>GREM1</i>	-0.002554998	0.013790924	0.16685262	1
T2DM	epsilon_cell	<i>AVEN</i>	-0.004918579	0.009229062	0.138658315	1
T2DM	epsilon_cell	<i>GOLGA8B</i>	-0.004924208	0.000284825	0.021310631	1
T2DM	epsilon_cell	<i>GJD2</i>	-0.005268641	0.002165523	0.063382155	1
T2DM	epsilon_cell	<i>BAHD1</i>	-0.006583988	0.000206756	0.016814673	0.773474937
T2DM	epsilon_cell	<i>NDUFAF1</i>	-0.006090854	0.000400149	0.024704687	1
T2DM	epsilon_cell	<i>JMJD7</i>	-0.010360847	0.005453578	0.107207665	1
T2DM	epsilon_cell	<i>TRIM69</i>	-0.006051659	0.022777417	0.199922064	1
T2DM	epsilon_cell	<i>SPATA5L1</i>	-0.003542183	0.044970779	0.27239259	1
T2DM	epsilon_cell	<i>ATP8B4</i>	-0.017936577	0.018190301	0.184918253	1
T2DM	epsilon_cell	<i>DMXL2</i>	-0.003802561	0.037453147	0.249858781	1
T2DM	epsilon_cell	<i>LIPC</i>	-0.010920645	0.033367775	0.240510893	1
T2DM	epsilon_cell	<i>APH1B</i>	-0.003314244	0.036358571	0.248806675	1
T2DM	epsilon_cell	<i>DAPK2</i>	-0.005778233	0.046782049	0.276043602	1
T2DM	epsilon_cell	<i>DIS3L</i>	-0.003697495	0.048441114	0.27883986	1
T2DM	epsilon_cell	<i>TIPIN</i>	-0.005675553	0.037819412	0.249858781	1
T2DM	epsilon_cell	<i>CELF6</i>	-0.003726313	0.004245854	0.098047766	1
T2DM	epsilon_cell	<i>MAN2C1</i>	-0.002184389	0.014650131	0.169154753	1
T2DM	epsilon_cell	<i>DNAJA4</i>	-0.002181734	0.009565725	0.142005473	1
T2DM	epsilon_cell	<i>RASGRF1</i>	-0.010202333	0.000384804	0.024704687	1
T2DM	epsilon_cell	<i>AP3B2</i>	0.007351174	0.033593838	0.240755837	1
T2DM	epsilon_cell	<i>ALPK3</i>	0.001679105	0.000418038	0.024704687	1
T2DM	epsilon_cell	<i>HAPLN3</i>	-0.008125114	0.004236403	0.098047766	1
T2DM	epsilon_cell	<i>SEMA4B</i>	-0.007526165	0.000321689	0.023143034	1
T2DM	epsilon_cell	<i>CIB1</i>	-0.001367552	0.00149416	0.055343086	1
T2DM	epsilon_cell	<i>LRRK1</i>	-0.007160861	0.000461859	0.025113231	1
T2DM	epsilon_cell	<i>DECR2</i>	-0.004458463	0.027685785	0.21802684	1
T2DM	epsilon_cell	<i>CCDC78</i>	-0.023978015	0.000569457	0.030004773	1
T2DM	epsilon_cell	<i>BAIAP3</i>	-0.003471958	0.025726169	0.210656947	1
T2DM	epsilon_cell	<i>CCDC154</i>	-0.039498104	0.008011762	0.127942357	1
T2DM	epsilon_cell	<i>NME3</i>	-0.002049774	0.010249714	0.148047028	1
T2DM	epsilon_cell	<i>FAHD1</i>	-0.00507208	0.006246988	0.11512307	1
T2DM	epsilon_cell	<i>SYNGR3</i>	-0.015127952	0.000966135	0.042521289	1
T2DM	epsilon_cell	<i>AMDHD2</i>	-0.007773684	0.03261107	0.23827737	1
T2DM	epsilon_cell	<i>NAA60</i>	-0.00118413	0.040436656	0.25851213	1
T2DM	epsilon_cell	<i>TRAP1</i>	-0.005502958	0.001976307	0.061611376	1
T2DM	epsilon_cell	<i>NAGPA</i>	-0.004276643	0.034489338	0.243442666	1
T2DM	epsilon_cell	<i>PLA2G10</i>	0.019869866	0.000100479	0.010668484	0.375891216
T2DM	epsilon_cell	<i>NPIPA2</i>	-0.035269145	0.002503868	0.069212713	1
T2DM	epsilon_cell	<i>SLC5A11</i>	0.01910694	0.014232179	0.168425663	1
T2DM	epsilon_cell	<i>XPO6</i>	-0.005131387	0.020544808	0.191874849	1
T2DM	epsilon_cell	<i>STX1B</i>	-0.009429586	0.037385483	0.249858781	1

T2DM	epsilon_cell	<i>DOK4</i>	-0.004455116	0.031002996	0.233110741	1
T2DM	epsilon_cell	<i>CCDC113</i>	-0.00619435	0.028264736	0.220288288	1
T2DM	epsilon_cell	<i>SMPD3</i>	-0.009534823	0.020152571	0.191027747	1
T2DM	epsilon_cell	<i>TMED6</i>	-0.00345146	0.002743936	0.072801885	1
T2DM	epsilon_cell	<i>IST1</i>	-0.001489498	0.019220822	0.18850845	1
T2DM	epsilon_cell	<i>CFDP1</i>	-0.003045038	0.013908077	0.16685262	1
T2DM	epsilon_cell	<i>ADAT1</i>	-0.003674005	0.010391132	0.148575712	1
T2DM	epsilon_cell	<i>WWOX</i>	-0.002072375	0.045768794	0.27312266	1
T2DM	epsilon_cell	<i>PLCG2</i>	-0.000963201	0.045881116	0.27312266	1
T2DM	epsilon_cell	<i>MPHOSPH6</i>	0.001921856	0.013323918	0.165066858	1
T2DM	epsilon_cell	<i>TAF1C</i>	-0.005926982	1.03E-05	0.00274183	0.038385616
T2DM	epsilon_cell	<i>ADAD2</i>	-0.038938019	0.001783055	0.058763281	1
T2DM	epsilon_cell	<i>ZDHHC7</i>	-0.006234614	0.007434609	0.125286887	1
T2DM	epsilon_cell	<i>KLHDC4</i>	-0.003291358	0.019698909	0.191027747	1
T2DM	epsilon_cell	<i>RNF166</i>	-0.003917522	0.039273185	0.254188555	1
T2DM	epsilon_cell	<i>DPEP1</i>	-0.004509144	0.011915335	0.15806833	1
T2DM	epsilon_cell	<i>SLC43A2</i>	-0.003419304	0.02804082	0.218999392	1
T2DM	epsilon_cell	<i>USP6</i>	-0.034301489	0.030194166	0.229120436	1
T2DM	epsilon_cell	<i>SCIMP</i>	-0.021600976	0.035828927	0.248225816	1
T2DM	epsilon_cell	<i>EFNB3</i>	0.002754293	0.022670347	0.199725545	1
T2DM	epsilon_cell	<i>KCNAB3</i>	-0.008396278	0.017002424	0.178168255	1
T2DM	epsilon_cell	<i>SCO1</i>	-0.003598966	0.025407179	0.210283756	1
T2DM	epsilon_cell	<i>ADORA2B</i>	-0.033414854	0.000274965	0.020992722	1
T2DM	epsilon_cell	<i>FAM106A</i>	-0.010342847	0.001302649	0.05146418	1
T2DM	epsilon_cell	<i>USP22</i>	-0.001709402	0.012128393	0.158618416	1
T2DM	epsilon_cell	<i>VTN</i>	0.000952933	0.017427334	0.180597383	1
T2DM	epsilon_cell	<i>MED24</i>	0.003930423	0.03209829	0.236417832	1
T2DM	epsilon_cell	<i>DHX58</i>	-0.01763366	0.026493484	0.214065065	1
T2DM	epsilon_cell	<i>CCR10</i>	-0.004900391	0.043557156	0.270942484	1
T2DM	epsilon_cell	<i>NBR2</i>	-0.005755413	0.027771117	0.21802684	1
T2DM	epsilon_cell	<i>DBF4B</i>	-0.015077442	0.008748934	0.134138367	1
T2DM	epsilon_cell	<i>C1QL1</i>	-0.002860434	0.035371973	0.246877894	1
T2DM	epsilon_cell	<i>DCAKD</i>	-0.004081947	0.013100728	0.165066858	1
T2DM	epsilon_cell	<i>NMT1</i>	-0.001180604	0.022371337	0.19935921	1
T2DM	epsilon_cell	<i>ARL17B</i>	-0.00782806	0.045187798	0.27239259	1
T2DM	epsilon_cell	<i>LRRC37A2</i>	-0.013945718	0.025177792	0.210283756	1
T2DM	epsilon_cell	<i>ARL17A</i>	-0.00506207	0.048950299	0.280375448	1
T2DM	epsilon_cell	<i>EFCAB13</i>	-0.01306329	0.017163732	0.178766982	1
T2DM	epsilon_cell	<i>LRRC46</i>	-0.032054587	0.043878615	0.271065722	1
T2DM	epsilon_cell	<i>GNGT2</i>	-0.04766191	0.005006112	0.104624943	1
T2DM	epsilon_cell	<i>SGCA</i>	-0.007904618	0.020140424	0.191027747	1
T2DM	epsilon_cell	<i>NME1</i>	-0.001379181	0.012410974	0.160101562	1
T2DM	epsilon_cell	<i>PTRH2</i>	-0.003108244	0.006206849	0.11512307	1
T2DM	epsilon_cell	<i>CA4</i>	0.002174165	0.019188466	0.18850845	1
T2DM	epsilon_cell	<i>MED13</i>	-0.002017111	0.031271943	0.233509658	1
T2DM	epsilon_cell	<i>CCDC47</i>	-0.001432467	0.0053265	0.106558491	1
T2DM	epsilon_cell	<i>FTSJ3</i>	-0.00309983	0.046184729	0.273381441	1
T2DM	epsilon_cell	<i>PSMC5</i>	-0.001055535	0.011703545	0.156367725	1
T2DM	epsilon_cell	<i>AMZ2</i>	-0.007071121	0.000546703	0.029217365	1
T2DM	epsilon_cell	<i>LINC01152</i>	-0.02760314	0.000457585	0.025113231	1
T2DM	epsilon_cell	<i>C17orf80</i>	-0.005789464	0.025993391	0.212317192	1
T2DM	epsilon_cell	<i>NUP85</i>	-0.003946046	0.023654502	0.205308567	1
T2DM	epsilon_cell	<i>GGA3</i>	-0.006287416	0.00547358	0.107207665	1
T2DM	epsilon_cell	<i>SMIM5</i>	-0.003734629	0.039376717	0.254418479	1
T2DM	epsilon_cell	<i>USP36</i>	-0.001778794	0.040712085	0.259461518	1
T2DM	epsilon_cell	<i>TIMP2</i>	-0.001648393	0.011995442	0.158568725	1

T2DM	epsilon_cell	<i>FSCN2</i>	-0.012906385	0.007468318	0.125286887		1
T2DM	epsilon_cell	<i>RAC3</i>	-0.003454231	0.033159914	0.240409379		1
T2DM	epsilon_cell	<i>FASN</i>	-0.004293887	0.016966772	0.178168255		1
T2DM	epsilon_cell	<i>CCDC57</i>	-0.004314204	0.005192292	0.104996554		1
T2DM	epsilon_cell	<i>FN3KRP</i>	-0.012889761	5.53E-06	0.002559377	0.020680351	
T2DM	epsilon_cell	<i>CLUL1</i>	-0.037273006	9.00E-05	0.010145562	0.336768662	
T2DM	epsilon_cell	<i>LINC00668</i>	-0.037708244	0.049313822	0.280392141		1
T2DM	epsilon_cell	<i>GNAL</i>	-0.00464975	0.030192194	0.229120436		1
T2DM	epsilon_cell	<i>PSMG2</i>	-0.000948852	0.049807941	0.281467536		1
T2DM	epsilon_cell	<i>CEP192</i>	0.003410162	0.031193907	0.233392812		1
T2DM	epsilon_cell	<i>ZNF519</i>	-0.005089543	0.045668544	0.27312266		1
T2DM	epsilon_cell	<i>POTEC</i>	-0.026509106	0.000608213	0.031601724		1
T2DM	epsilon_cell	<i>ANKRD30B</i>	-0.019353233	0.00636277	0.116112791		1
T2DM	epsilon_cell	<i>TTC39C</i>	-0.002914644	0.038898441	0.253517542		1
T2DM	epsilon_cell	<i>MAPRE2</i>	-0.004279897	0.014218033	0.168425663		1
T2DM	epsilon_cell	<i>ZNF396</i>	-0.008074345	4.88E-05	0.007638723	0.182612338	
T2DM	epsilon_cell	<i>MOCOS</i>	-0.011810729	0.047291121	0.276962581		1
T2DM	epsilon_cell	<i>POLI</i>	-0.003019561	0.03210814	0.236417832		1
T2DM	epsilon_cell	<i>NFATC1</i>	0.005190374	0.007847872	0.127602362		1
T2DM	epsilon_cell	<i>TXNL4A</i>	-0.001394535	0.005807258	0.111410014		1
T2DM	epsilon_cell	<i>GRIN3B</i>	-0.01973659	0.038200936	0.251531963		1
T2DM	epsilon_cell	<i>ZNF554</i>	-0.004743839	0.018679035	0.186342057		1
T2DM	epsilon_cell	<i>ZNF555</i>	-0.004036204	9.86E-06	0.00274183	0.036903984	
T2DM	epsilon_cell	<i>ZNF556</i>	-0.02304404	6.84E-06	0.002559377	0.025593768	
T2DM	epsilon_cell	<i>GNAI5</i>	-0.016852096	0.024665777	0.209239621		1
T2DM	epsilon_cell	<i>UBXN6</i>	-0.001991239	0.007859926	0.127602362		1
T2DM	epsilon_cell	<i>SLC25A41</i>	0.025828463	0.031613632	0.235122463		1
T2DM	epsilon_cell	<i>PNPLA6</i>	0.003854423	0.038530763	0.252015665		1
T2DM	epsilon_cell	<i>ZNF558</i>	-0.00868703	0.011280529	0.154016273		1
T2DM	epsilon_cell	<i>ZNF266</i>	-0.003730357	0.00516148	0.104996554		1
T2DM	epsilon_cell	<i>DNMT1</i>	-0.003328864	0.00803701	0.127942357		1
T2DM	epsilon_cell	<i>ICAM3</i>	-0.008229681	0.010486249	0.148683093		1
T2DM	epsilon_cell	<i>DOCK6</i>	0.002453852	0.010381122	0.148575712		1
T2DM	epsilon_cell	<i>ZNF627</i>	-0.008575603	0.023292043	0.203113129		1
T2DM	epsilon_cell	<i>MAN2B1</i>	-0.003876563	0.007979124	0.127942357		1
T2DM	epsilon_cell	<i>CC2D1A</i>	-0.004209771	0.011463551	0.155222748		1
T2DM	epsilon_cell	<i>C19orf44</i>	-0.008059995	0.048488898	0.27883986		1
T2DM	epsilon_cell	<i>ABHD8</i>	-0.00340714	0.026642782	0.214807431		1
T2DM	epsilon_cell	<i>ANO8</i>	-0.013380302	0.044893484	0.27239259		1
T2DM	epsilon_cell	<i>CCDC124</i>	0.003794598	1.74E-07	0.000163049	0.000652194	
T2DM	epsilon_cell	<i>PIK3R2</i>	-0.003390201	0.014282104	0.168425663		1
T2DM	epsilon_cell	<i>ZNF506</i>	-0.002629405	0.044242908	0.272224869		1
T2DM	epsilon_cell	<i>ZNF737</i>	-0.003462286	0.014440037	0.168425663		1
T2DM	epsilon_cell	<i>ZNF738</i>	-0.004662928	0.037115513	0.249858781		1
T2DM	epsilon_cell	<i>ZNF208</i>	-0.011479042	0.001393328	0.053736477		1
T2DM	epsilon_cell	<i>ZNF257</i>	-0.011345593	0.010889232	0.152002302		1
T2DM	epsilon_cell	<i>ZNF676</i>	-0.01050843	0.045216733	0.27239259		1
T2DM	epsilon_cell	<i>SLC7A9</i>	-0.009088558	0.040962872	0.260173355		1
T2DM	epsilon_cell	<i>PEPD</i>	0.00220961	0.00077704	0.035887745		1
T2DM	epsilon_cell	<i>KCTD15</i>	-0.018892502	0.004030229	0.095424595		1
T2DM	epsilon_cell	<i>MAG</i>	-0.033121997	0.002971887	0.077139081		1
T2DM	epsilon_cell	<i>CD22</i>	-0.010854237	0.036761383	0.248806675		1
T2DM	epsilon_cell	<i>ATP4A</i>	-0.043198776	0.025351392	0.210283756		1
T2DM	epsilon_cell	<i>ZBTB32</i>	-0.067885044	0.001817037	0.058763281		1
T2DM	epsilon_cell	<i>IGFLR1</i>	-0.006057508	0.031557898	0.235122463		1
T2DM	epsilon_cell	<i>ZNF382</i>	-0.009017444	0.014565721	0.16870081		1

T2DM	epsilon_cell	<i>ZFP30</i>	-0.005095804	0.04715038	0.276962581	1
T2DM	epsilon_cell	<i>ZNF781</i>	-0.014436105	0.036845469	0.248806675	1
T2DM	epsilon_cell	<i>SUPT5H</i>	-0.001650214	0.046636438	0.275619136	1
T2DM	epsilon_cell	<i>PSG5</i>	-0.043006815	0.007621953	0.126727675	1
T2DM	epsilon_cell	<i>XRCC1</i>	-0.007271164	0.024373578	0.208653448	1
T2DM	epsilon_cell	<i>PPP1R13L</i>	-0.014972371	9.23E-10	1.15E-06	3.45E-06
T2DM	epsilon_cell	<i>PRKD2</i>	-0.00468168	0.002606127	0.070561537	1
T2DM	epsilon_cell	<i>FKRP</i>	-0.005218077	0.000217203	0.017288447	0.812557006
T2DM	epsilon_cell	<i>SPHK2</i>	-0.005992431	0.001168949	0.049343183	1
T2DM	epsilon_cell	<i>FUT2</i>	-0.014049103	0.007103059	0.121840972	1
T2DM	epsilon_cell	<i>FUT1</i>	-0.014168068	0.000751256	0.035575286	1
T2DM	epsilon_cell	<i>DKKL1</i>	-0.034770755	0.016629782	0.177188113	1
T2DM	epsilon_cell	<i>ALDH16A1</i>	-0.007035467	0.027559439	0.21802684	1
T2DM	epsilon_cell	<i>PRR12</i>	-0.00487327	0.024628444	0.209239621	1
T2DM	epsilon_cell	<i>ATF5</i>	-0.002976816	0.042559606	0.268039538	1
T2DM	epsilon_cell	<i>NAPSA</i>	-0.021227715	0.017746515	0.181889619	1
T2DM	epsilon_cell	<i>ZNF468</i>	-0.008158434	0.003482973	0.084063239	1
T2DM	epsilon_cell	<i>LILRB3</i>	-0.018630871	0.001839527	0.058817704	1
T2DM	epsilon_cell	<i>NLRP2</i>	-0.01138677	0.013518581	0.165456754	1
T2DM	epsilon_cell	<i>GP6</i>	-0.013958865	0.020204217	0.191027747	1
T2DM	epsilon_cell	<i>EPS8L1</i>	-0.024053576	4.90E-05	0.007638723	0.183329361
T2DM	epsilon_cell	<i>DNAAF3</i>	-0.006775521	0.016580864	0.177188113	1
T2DM	epsilon_cell	<i>ZNF304</i>	0.005712946	7.04E-05	0.008839752	0.26331093
T2DM	epsilon_cell	<i>ZNF211</i>	-0.003068507	0.023993207	0.206817022	1
T2DM	epsilon_cell	<i>SIRPA</i>	-0.005805608	0.006563061	0.118040445	1
T2DM	epsilon_cell	<i>UBOX5</i>	-0.010358552	0.001520223	0.055756398	1
T2DM	epsilon_cell	<i>DDRKG1</i>	-0.003018444	0.020966821	0.193730161	1
T2DM	epsilon_cell	<i>SLC23A2</i>	-0.004088167	0.002116094	0.063330452	1
T2DM	epsilon_cell	<i>MCM8</i>	-0.005110441	0.020242715	0.191027747	1
T2DM	epsilon_cell	<i>SPTLC3</i>	-0.02584543	0.004866846	0.103722779	1
T2DM	epsilon_cell	<i>FLRT3</i>	-0.004196174	0.00320875	0.079496247	1
T2DM	epsilon_cell	<i>KIF16B</i>	-0.003951014	0.022435239	0.19935921	1
T2DM	epsilon_cell	<i>CST5</i>	-0.022411656	0.044674508	0.27239259	1
T2DM	epsilon_cell	<i>ACTL10</i>	0.006858621	0.042711896	0.268194776	1
T2DM	epsilon_cell	<i>CHMP4B</i>	-0.000846232	0.005803053	0.111410014	1
T2DM	epsilon_cell	<i>NCOA6</i>	0.001660621	0.005884858	0.112322731	1
T2DM	epsilon_cell	<i>MANBAL</i>	-0.002176234	0.000662345	0.032603085	1
T2DM	epsilon_cell	<i>TTH</i>	-0.002634151	0.028692531	0.22214331	1
T2DM	epsilon_cell	<i>IFT52</i>	-0.003602449	0.049158912	0.280375448	1
T2DM	epsilon_cell	<i>ADA</i>	-0.009869477	0.016364813	0.17541767	1
T2DM	epsilon_cell	<i>MATN4</i>	-0.012846558	0.015940175	0.174497149	1
T2DM	epsilon_cell	<i>TFAP2C</i>	-0.039147739	0.000888887	0.039829703	1
T2DM	epsilon_cell	<i>RBM38</i>	-0.007474421	0.01207187	0.158618416	1
T2DM	epsilon_cell	<i>LIME1</i>	-0.009422258	0.027597472	0.21802684	1
T2DM	epsilon_cell	<i>SETD4</i>	-0.004060074	0.015706824	0.174090065	1
T2DM	epsilon_cell	<i>BRWD1</i>	0.001223444	0.019997944	0.191027747	1
T2DM	epsilon_cell	<i>LCA5L</i>	-0.00723591	0.013612399	0.165800879	1
T2DM	epsilon_cell	<i>PRDM15</i>	-0.01495973	0.047133576	0.276962581	1
T2DM	epsilon_cell	<i>CSTB</i>	-0.001084168	0.043751041	0.270981198	1
T2DM	epsilon_cell	<i>ADARB1</i>	-0.009379441	0.044769532	0.27239259	1
T2DM	epsilon_cell	<i>PCBP3</i>	-0.00519453	0.005185813	0.104996554	1
T2DM	epsilon_cell	<i>FTCD</i>	-0.01330697	0.009719486	0.143308719	1
T2DM	epsilon_cell	<i>YBEY</i>	-0.005301267	0.000891451	0.039829703	1
T2DM	epsilon_cell	<i>IL17RA</i>	-0.004490132	0.039127354	0.254103755	1
T2DM	epsilon_cell	<i>DGCR2</i>	-0.003066462	0.039960101	0.25774265	1
T2DM	epsilon_cell	<i>ARVCF</i>	0.00509107	0.004664759	0.101458498	1

T2DM	epsilon_cell	<i>TRMT2A</i>	-0.005709573	0.027078833	0.217016435	1
T2DM	epsilon_cell	<i>HIC2</i>	-0.00784802	0.03399216	0.241973154	1
T2DM	epsilon_cell	<i>SMARCB1</i>	-0.002020114	0.025304871	0.210283756	1
T2DM	epsilon_cell	<i>GSTT2B</i>	-0.005709831	0.033587094	0.240755837	1
T2DM	epsilon_cell	<i>DDTL</i>	-0.021833654	0.011268002	0.154016273	1
T2DM	epsilon_cell	<i>DDT</i>	-0.001878953	0.017739258	0.181889619	1
T2DM	epsilon_cell	<i>CABIN1</i>	-0.004579186	0.037703952	0.249858781	1
T2DM	epsilon_cell	<i>APIB1</i>	-0.004262122	0.014411081	0.168425663	1
T2DM	epsilon_cell	<i>MTMR3</i>	-0.003442287	0.012838442	0.164281651	1
T2DM	epsilon_cell	<i>SEC14L6</i>	-0.009393449	0.016295706	0.175217873	1
T2DM	epsilon_cell	<i>PES1</i>	-0.003414486	0.016672071	0.177188113	1
T2DM	epsilon_cell	<i>DRG1</i>	-0.003521322	0.044773301	0.27239259	1
T2DM	epsilon_cell	<i>PVALB</i>	-0.087300611	0.001296454	0.05146418	1
T2DM	epsilon_cell	<i>ELFN2</i>	-0.019148308	0.036396615	0.248806675	1
T2DM	epsilon_cell	<i>CARD10</i>	-0.006100074	0.022014845	0.198183128	1
T2DM	epsilon_cell	<i>GCAT</i>	-0.004647408	0.043932527	0.271065722	1
T2DM	epsilon_cell	<i>APOBEC3G</i>	0.005216875	0.011905126	0.15806833	1
T2DM	epsilon_cell	<i>SYNGR1</i>	-0.00601558	0.00434587	0.098532729	1
T2DM	epsilon_cell	<i>SGSM3</i>	0.006875756	0.002114006	0.063330452	1
T2DM	epsilon_cell	<i>SMDT1</i>	-0.001086227	0.016754127	0.17755578	1
T2DM	epsilon_cell	<i>TTLL12</i>	-0.004231017	0.018500158	0.186045948	1
T2DM	epsilon_cell	<i>FAM118A</i>	0.002280052	0.006000362	0.11337048	1
T2DM	epsilon_cell	<i>ATXN10</i>	0.00087995	0.021093076	0.193914196	1
T2DM	epsilon_cell	<i>TBC1D22A</i>	0.002338119	0.049449223	0.280392141	1
T2DM	epsilon_cell	<i>MIOX</i>	-0.011494828	0.045517816	0.27312266	1
T2DM	epsilon_cell	<i>LMF2</i>	-0.003892501	0.012866753	0.164281651	1
T2DM	epsilon_cell	<i>TYMP</i>	-0.002092406	0.012146585	0.158618416	1
T2DM	epsilon_cell	<i>SYCE3</i>	-0.029226219	0.003095149	0.078327596	1
T2DM	epsilon_cell	<i>ARSA</i>	-0.002595992	0.013325365	0.165066858	1
T2DM	epsilon_cell	<i>RABL2B</i>	-0.00525684	0.048324151	0.27883986	1
T2DM	leukocyte	<i>LINC00115</i>	-0.004675042	0.028507647	0.331202197	1
T2DM	leukocyte	<i>CALML6</i>	0.006848141	0.013743125	0.244823957	1
T2DM	leukocyte	<i>AGTRAP</i>	0.002965274	0.009126363	0.202022038	1
T2DM	leukocyte	<i>OTUD3</i>	-0.003008274	0.049676119	0.406248338	1
T2DM	leukocyte	<i>EXTL1</i>	-0.040621058	0.008156234	0.186672274	1
T2DM	leukocyte	<i>SMPDL3B</i>	-0.007993658	0.024285187	0.312163311	1
T2DM	leukocyte	<i>C1orf109</i>	0.004917179	3.74E-06	0.001553266	0.013979396
T2DM	leukocyte	<i>MYCL</i>	-0.005712956	0.011934753	0.230143877	1
T2DM	leukocyte	<i>EXO5</i>	0.004747277	0.030725299	0.343114456	1
T2DM	leukocyte	<i>NSUN4</i>	0.003832082	0.012745665	0.233733	1
T2DM	leukocyte	<i>MSH4</i>	-0.030592279	0.04067852	0.391569803	1
T2DM	leukocyte	<i>TMED5</i>	-0.001342957	0.022698664	0.30576172	1
T2DM	leukocyte	<i>GPR88</i>	0.043978311	0.029515709	0.338625353	1
T2DM	leukocyte	<i>NTNG1</i>	-0.017363544	0.005128307	0.163974331	1
T2DM	leukocyte	<i>CEPT1</i>	-0.003640001	0.047091123	0.401145966	1
T2DM	leukocyte	<i>TDRKH</i>	-0.022510668	0.000209053	0.023777382	0.782067827
T2DM	leukocyte	<i>S100A14</i>	-0.003308245	0.024028128	0.312163311	1
T2DM	leukocyte	<i>PEAI5</i>	-0.00206756	0.02667696	0.322972512	1
T2DM	leukocyte	<i>GORAB</i>	0.004118571	0.003515459	0.128934646	1
T2DM	leukocyte	<i>SUCO</i>	-0.001948488	0.010871853	0.21984649	1
T2DM	leukocyte	<i>ANGPTL1</i>	0.007130799	0.027053385	0.326473264	1
T2DM	leukocyte	<i>FAM20B</i>	-0.003021247	0.024523977	0.312163311	1
T2DM	leukocyte	<i>GLUL</i>	-0.002198619	0.046342512	0.401145966	1
T2DM	leukocyte	<i>TNNI1</i>	-0.031361132	0.016741326	0.271122515	1
T2DM	leukocyte	<i>PM20D1</i>	0.011130308	0.002526045	0.108981195	1
T2DM	leukocyte	<i>CHML</i>	-0.005435444	0.019988359	0.296534999	1

T2DM	leukocyte	<i>SH3YL1</i>	-0.001650392	0.027409404	0.327157368	1
T2DM	leukocyte	<i>LPIN1</i>	-0.001606103	0.01395998	0.245184445	1
T2DM	leukocyte	<i>DDX1</i>	0.000923345	0.014547866	0.248509431	1
T2DM	leukocyte	<i>PFN4</i>	-0.021476059	0.024975787	0.314594008	1
T2DM	leukocyte	<i>LCLAT1</i>	-0.004749592	0.00168514	0.087557073	1
T2DM	leukocyte	<i>HAAO</i>	0.004273674	0.012528384	0.232023187	1
T2DM	leukocyte	<i>ACYP2</i>	-0.001619804	0.0435836	0.394727977	1
T2DM	leukocyte	<i>PAIP2B</i>	-0.002545139	0.04319821	0.394727977	1
T2DM	leukocyte	<i>REG3G</i>	0.001360519	0.002122365	0.096826435	1
T2DM	leukocyte	<i>ZAP70</i>	-0.032028379	0.01342505	0.242623723	1
T2DM	leukocyte	<i>TSGA10</i>	-0.006060826	0.000404492	0.038291621	1
T2DM	leukocyte	<i>LIPT1</i>	-0.006055682	0.007722813	0.186393831	1
T2DM	leukocyte	<i>LYG1</i>	0.015006645	0.00960311	0.205282615	1
T2DM	leukocyte	<i>GCC2</i>	-0.0011373	0.00551928	0.167777493	1
T2DM	leukocyte	<i>MERTK</i>	-0.004524322	0.036697682	0.3721137	1
T2DM	leukocyte	<i>TMEM185B</i>	0.004630663	0.005927288	0.169856259	1
T2DM	leukocyte	<i>ERCC3</i>	-0.003219978	0.021586869	0.301020571	1
T2DM	leukocyte	<i>ACMSD</i>	-0.008688118	0.001777689	0.088671131	1
T2DM	leukocyte	<i>DPP4</i>	-0.005211128	0.022261715	0.302840282	1
T2DM	leukocyte	<i>SLC38A11</i>	-0.014200104	0.018932087	0.288585115	1
T2DM	leukocyte	<i>FASTKD1</i>	-0.006448056	0.001317444	0.080796044	1
T2DM	leukocyte	<i>FKBP7</i>	-0.004513525	0.017176334	0.275779688	1
T2DM	leukocyte	<i>CCDC141</i>	-0.003908701	0.012817464	0.233903093	1
T2DM	leukocyte	<i>DUSP19</i>	0.020168595	0.027777255	0.327157368	1
T2DM	leukocyte	<i>STAT4</i>	-0.004505346	0.021376615	0.299935141	1
T2DM	leukocyte	<i>GTF3C3</i>	0.003643889	0.022721668	0.30576172	1
T2DM	leukocyte	<i>METTL21A</i>	-0.001924384	0.043189069	0.394727977	1
T2DM	leukocyte	<i>SMARCA11</i>	0.006218653	0.006194256	0.171649712	1
T2DM	leukocyte	<i>SLC23A3</i>	-0.036583974	0.001121191	0.071091119	1
T2DM	leukocyte	<i>LRRFIP1</i>	-0.000670424	0.0069298	0.175491814	1
T2DM	leukocyte	<i>TRAF3IP1</i>	0.00199818	0.017674224	0.280398828	1
T2DM	leukocyte	<i>SUMF1</i>	-0.007608851	0.00697073	0.175491814	1
T2DM	leukocyte	<i>LRRN1</i>	0.014033485	0.027809688	0.327157368	1
T2DM	leukocyte	<i>IL17RC</i>	-0.004647506	0.016704355	0.271122515	1
T2DM	leukocyte	<i>ATG7</i>	-0.007881527	0.007851408	0.186672274	1
T2DM	leukocyte	<i>HDAC11</i>	-0.007577478	0.018091146	0.283175641	1
T2DM	leukocyte	<i>POMGNT2</i>	-0.005489025	0.021661173	0.301020571	1
T2DM	leukocyte	<i>EXOSC7</i>	-0.004014136	0.03430374	0.361353881	1
T2DM	leukocyte	<i>CCR1</i>	0.014829765	0.041262155	0.392121315	1
T2DM	leukocyte	<i>ALS2CL</i>	-0.008692122	0.022060707	0.30253243	1
T2DM	leukocyte	<i>ZNF589</i>	-0.004772261	0.040996224	0.392121315	1
T2DM	leukocyte	<i>QRICH1</i>	-0.001637431	0.033624611	0.356344669	1
T2DM	leukocyte	<i>DOCK3</i>	0.003266941	0.041679159	0.392453773	1
T2DM	leukocyte	<i>NT5DC2</i>	-0.002662652	0.008698055	0.193687038	1
T2DM	leukocyte	<i>ITIH4</i>	-0.010153375	0.000409427	0.038291621	1
T2DM	leukocyte	<i>IL17RD</i>	-0.010514811	0.009517926	0.205282615	1
T2DM	leukocyte	<i>EPHA3</i>	0.020736262	2.65E-05	0.00660941	0.099141144
T2DM	leukocyte	<i>SLC9C1</i>	0.014667467	0.026108735	0.321292026	1
T2DM	leukocyte	<i>HEG1</i>	0.004351444	0.008132196	0.186672274	1
T2DM	leukocyte	<i>ALGIL</i>	-0.011353201	0.036083738	0.369878116	1
T2DM	leukocyte	<i>SLC41A3</i>	-0.00233569	0.003268042	0.123492371	1
T2DM	leukocyte	<i>TPRA1</i>	0.00457849	6.66E-05	0.013120494	0.249289386
T2DM	leukocyte	<i>PLSCR4</i>	-0.003664383	0.014288436	0.24632737	1
T2DM	leukocyte	<i>TM4SF18</i>	0.002870763	0.038431798	0.379349224	1
T2DM	leukocyte	<i>DHX36</i>	-0.000899835	0.00698965	0.175491814	1
T2DM	leukocyte	<i>SHOX2</i>	-0.025069497	0.024128571	0.312163311	1

T2DM	leukocyte	<i>CAMK2N2</i>	-0.002884352	0.046330089	0.401145966	1
T2DM	leukocyte	<i>GMNC</i>	-0.019071164	0.046037374	0.401145966	1
T2DM	leukocyte	<i>DLG1</i>	-0.002505003	0.032977416	0.353831894	1
T2DM	leukocyte	<i>PCGF3</i>	-0.004526848	0.036507272	0.3721137	1
T2DM	leukocyte	<i>TMEM128</i>	-0.002286263	0.029686507	0.338625353	1
T2DM	leukocyte	<i>MSX1</i>	0.003611973	0.001223014	0.076254928	1
T2DM	leukocyte	<i>CRMP1</i>	-0.002235622	0.044318682	0.39569496	1
T2DM	leukocyte	<i>SH3TC1</i>	-0.003383601	0.006360344	0.174211132	1
T2DM	leukocyte	<i>ACOX3</i>	-0.008019425	0.041876702	0.392633439	1
T2DM	leukocyte	<i>N4BP2</i>	-0.003474817	0.000183768	0.023706019	0.687474558
T2DM	leukocyte	<i>NSUN7</i>	-0.007914488	7.86E-05	0.013926282	0.294039789
T2DM	leukocyte	<i>NFXL1</i>	0.006318173	0.034553832	0.361353881	1
T2DM	leukocyte	<i>OCIAD1</i>	0.001159319	0.047290532	0.401145966	1
T2DM	leukocyte	<i>NUP54</i>	-0.003060206	0.024131741	0.312163311	1
T2DM	leukocyte	<i>CNOT6L</i>	-0.002007539	0.023408866	0.310541022	1
T2DM	leukocyte	<i>HSD17B11</i>	-0.003280637	0.000873273	0.061639869	1
T2DM	leukocyte	<i>ZNF827</i>	-0.003722732	0.023168519	0.308446363	1
T2DM	leukocyte	<i>TRIM2</i>	-0.002163783	0.046132433	0.401145966	1
T2DM	leukocyte	<i>FNIP2</i>	-0.002075008	0.009955771	0.207238586	1
T2DM	leukocyte	<i>CEP44</i>	-0.003918958	0.019328679	0.288585115	1
T2DM	leukocyte	<i>HPGD</i>	-0.005417671	0.047707116	0.401145966	1
T2DM	leukocyte	<i>UFSP2</i>	-0.003195375	0.049569251	0.406248338	1
T2DM	leukocyte	<i>GOLPH3</i>	0.001286013	0.040657953	0.391569803	1
T2DM	leukocyte	<i>DNAJC21</i>	-0.00314238	0.009859768	0.207238586	1
T2DM	leukocyte	<i>NSA2</i>	0.001462343	1.12E-07	0.000360034	0.000420154
T2DM	leukocyte	<i>PDE8B</i>	0.003992154	0.000768386	0.059160499	1
T2DM	leukocyte	<i>BHMT2</i>	0.004156495	0.020407831	0.297064961	1
T2DM	leukocyte	<i>DCP2</i>	-0.002918488	0.046300749	0.401145966	1
T2DM	leukocyte	<i>ATG12</i>	-0.000982806	0.01880272	0.288585115	1
T2DM	leukocyte	<i>KLHL3</i>	-0.005351368	2.89E-06	0.001350496	0.01080397
T2DM	leukocyte	<i>SRA1</i>	-0.002809395	0.020634132	0.299146563	1
T2DM	leukocyte	<i>PCDHA1</i>	-0.006172426	0.042139436	0.394109078	1
T2DM	leukocyte	<i>PCDHA2</i>	-0.034311309	0.026675084	0.322972512	1
T2DM	leukocyte	<i>PCDHA4</i>	-0.017655065	0.002077464	0.095948082	1
T2DM	leukocyte	<i>PCDHA5</i>	-0.02178893	0.000649969	0.055262135	1
T2DM	leukocyte	<i>PCDHB8</i>	-0.028066824	0.002793945	0.117432953	1
T2DM	leukocyte	<i>ADAM19</i>	0.011071413	0.012693064	0.233733	1
T2DM	leukocyte	<i>SLU7</i>	0.001114954	0.004362668	0.151117957	1
T2DM	leukocyte	<i>PRELID1</i>	-0.001095673	0.001499774	0.082136558	1
T2DM	leukocyte	<i>TBC1D7</i>	0.004222669	0.000850659	0.061198376	1
T2DM	leukocyte	<i>SIRT5</i>	0.010817449	0.010100164	0.20875533	1
T2DM	leukocyte	<i>CD83</i>	-0.00445077	0.020383517	0.297064961	1
T2DM	leukocyte	<i>DCDC2</i>	0.003482926	0.034779152	0.361413357	1
T2DM	leukocyte	<i>C6orf62</i>	-0.001856872	0.033475687	0.355774272	1
T2DM	leukocyte	<i>TRIM38</i>	-0.004321747	0.02017751	0.296534999	1
T2DM	leukocyte	<i>BTN2A2</i>	-0.010801304	0.027379819	0.327157368	1
T2DM	leukocyte	<i>ZNF391</i>	0.011571464	0.047648618	0.401145966	1
T2DM	leukocyte	<i>ZKSCAN3</i>	-0.015487336	0.014735611	0.25057236	1
T2DM	leukocyte	<i>ZNF311</i>	-0.017705283	0.042473026	0.394727977	1
T2DM	leukocyte	<i>TRIM26</i>	-0.005888242	0.020710762	0.299146563	1
T2DM	leukocyte	<i>SFTA2</i>	-0.013459256	0.010196795	0.209594557	1
T2DM	leukocyte	<i>MICB</i>	-0.010536462	0.037988407	0.377592943	1
T2DM	leukocyte	<i>ATP6V1G2</i>	-0.030776498	0.008344202	0.188910736	1
T2DM	leukocyte	<i>EHMT2</i>	-0.004638204	0.034776747	0.361413357	1
T2DM	leukocyte	<i>HLA-DRB5</i>	-0.003147163	0.013846066	0.245019875	1
T2DM	leukocyte	<i>HLA-DQB1</i>	-0.002102724	0.04973583	0.406248338	1

T2DM	leukocyte	<i>HLA-DOB</i>	-0.047820598	0.004352041	0.151117957	1
T2DM	leukocyte	<i>IP6K3</i>	-0.039560304	0.008155196	0.186672274	1
T2DM	leukocyte	<i>CCDC167</i>	0.003055615	0.043875162	0.394727977	1
T2DM	leukocyte	<i>KCNK17</i>	-0.008209232	0.002338746	0.10415771	1
T2DM	leukocyte	<i>NFYA</i>	0.005519694	0.007432679	0.182931927	1
T2DM	leukocyte	<i>CD2AP</i>	0.003312482	0.016839473	0.271536502	1
T2DM	leukocyte	<i>C6orf141</i>	-0.010891872	0.001051657	0.067831886	1
T2DM	leukocyte	<i>FILIP1</i>	-0.005398101	0.04875785	0.404441501	1
T2DM	leukocyte	<i>SMIM8</i>	-0.004277099	0.047717176	0.401145966	1
T2DM	leukocyte	<i>SMPD2</i>	-0.004401362	0.005211487	0.165221806	1
T2DM	leukocyte	<i>L3MBTL3</i>	-0.003560869	0.005300057	0.165229283	1
T2DM	leukocyte	<i>SAMD5</i>	-0.001791707	0.042969516	0.394727977	1
T2DM	leukocyte	<i>PLEKHG1</i>	0.004497759	0.023776179	0.312163311	1
T2DM	leukocyte	<i>TULP4</i>	-0.001729899	0.027641265	0.327157368	1
T2DM	leukocyte	<i>DYNLT1</i>	-0.001126036	0.01893727	0.288585115	1
T2DM	leukocyte	<i>CCR6</i>	-0.029492501	0.049003081	0.404796669	1
T2DM	leukocyte	<i>CARD11</i>	-0.007125471	0.006472478	0.174211132	1
T2DM	leukocyte	<i>EIF2AK1</i>	-0.003132053	0.045737529	0.401145966	1
T2DM	leukocyte	<i>RPA3</i>	-0.001302791	0.035425614	0.367111415	1
T2DM	leukocyte	<i>FAM221A</i>	-0.003987703	0.006705801	0.174211132	1
T2DM	leukocyte	<i>PRR15</i>	-0.006475651	0.029737666	0.338625353	1
T2DM	leukocyte	<i>DPY19L1</i>	-0.003866753	0.031486031	0.348218928	1
T2DM	leukocyte	<i>POLM</i>	-0.003855153	0.044001903	0.394750889	1
T2DM	leukocyte	<i>ZNF107</i>	0.005549955	0.018695041	0.288585115	1
T2DM	leukocyte	<i>ZNF273</i>	0.003459372	0.047601727	0.401145966	1
T2DM	leukocyte	<i>MLXIPL</i>	-0.00394265	0.00658255	0.174211132	1
T2DM	leukocyte	<i>LMTK2</i>	-0.002213532	0.02969486	0.338625353	1
T2DM	leukocyte	<i>BRI3</i>	-0.000835338	0.01244652	0.231653879	1
T2DM	leukocyte	<i>TRIM4</i>	0.002413381	0.034580243	0.361353881	1
T2DM	leukocyte	<i>PRKRIP1</i>	0.004248082	0.008595047	0.192539344	1
T2DM	leukocyte	<i>POLR2J3</i>	-0.001629705	0.017906258	0.28264689	1
T2DM	leukocyte	<i>COG5</i>	-0.002226788	0.047290917	0.401145966	1
T2DM	leukocyte	<i>NRCAM</i>	0.001831519	0.011507697	0.226049632	1
T2DM	leukocyte	<i>CAV2</i>	-0.002147351	0.008097272	0.186672274	1
T2DM	leukocyte	<i>ZNF800</i>	0.001860996	0.00253203	0.108981195	1
T2DM	leukocyte	<i>IRF5</i>	-0.006601774	0.021208491	0.299935141	1
T2DM	leukocyte	<i>AHCYL2</i>	-0.005676659	0.019362434	0.288585115	1
T2DM	leukocyte	<i>RAB19</i>	-0.031254376	0.028704552	0.33245736	1
T2DM	leukocyte	<i>TPK1</i>	-0.01236503	0.008382567	0.188910736	1
T2DM	leukocyte	<i>GIMAP6</i>	-0.003372081	0.035627296	0.368181533	1
T2DM	leukocyte	<i>C8orf58</i>	-0.005651891	0.00615322	0.171649712	1
T2DM	leukocyte	<i>BIN3</i>	-0.003597952	0.000825806	0.060575269	1
T2DM	leukocyte	<i>ADAM7</i>	-0.034019904	0.044551142	0.396823383	1
T2DM	leukocyte	<i>ESCO2</i>	-0.015670903	0.024532482	0.312163311	1
T2DM	leukocyte	<i>UBXN2B</i>	-0.002915954	0.040716561	0.391569803	1
T2DM	leukocyte	<i>GGH</i>	-0.00487557	0.030496646	0.341580693	1
T2DM	leukocyte	<i>IMPA1</i>	-0.003140969	0.012316831	0.230794155	1
T2DM	leukocyte	<i>SNX16</i>	-0.006966319	0.043039385	0.394727977	1
T2DM	leukocyte	<i>RMDN1</i>	0.004554979	0.000431802	0.039399272	1
T2DM	leukocyte	<i>CPNE3</i>	-0.001688131	0.017688886	0.280398828	1
T2DM	leukocyte	<i>NBN</i>	-0.004903245	0.028300507	0.329819924	1
T2DM	leukocyte	<i>TSPYL5</i>	-0.003725219	0.043049472	0.394727977	1
T2DM	leukocyte	<i>SPAG1</i>	-0.005023468	2.99E-07	0.000360034	0.00111818
T2DM	leukocyte	<i>RNF19A</i>	0.001311023	0.044270372	0.39569496	1
T2DM	leukocyte	<i>SAMD12</i>	0.005154816	0.000534156	0.047578057	1
T2DM	leukocyte	<i>ZNF623</i>	-0.008765959	0.009878665	0.207238586	1

T2DM	leukocyte	<i>PUF60</i>	-0.002277143	0.006003977	0.170158157	1
T2DM	leukocyte	<i>PLEC</i>	-0.005699362	0.005634246	0.167969308	1
T2DM	leukocyte	<i>KIFC2</i>	-0.006461571	0.015988847	0.263750551	1
T2DM	leukocyte	<i>C8orf82</i>	0.002721768	0.00665418	0.174211132	1
T2DM	leukocyte	<i>RPL8</i>	-0.000491222	0.000271157	0.027899289	1
T2DM	leukocyte	<i>ZNF517</i>	-0.011224601	0.00141498	0.081437515	1
T2DM	leukocyte	<i>CER1</i>	-0.03844758	0.029943363	0.33909202	1
T2DM	leukocyte	<i>NFX1</i>	-0.002014511	0.014050009	0.245187502	1
T2DM	leukocyte	<i>SLC25A51</i>	-0.006829648	0.026609193	0.322972512	1
T2DM	leukocyte	<i>GOLM1</i>	-0.002865996	0.046141479	0.401145966	1
T2DM	leukocyte	<i>HSD17B3</i>	-0.040961564	0.002919344	0.117432953	1
T2DM	leukocyte	<i>TMEM38B</i>	0.00149941	0.039467458	0.385503291	1
T2DM	leukocyte	<i>ZNF462</i>	0.006662369	0.002878579	0.117432953	1
T2DM	leukocyte	<i>ZNF483</i>	0.002421028	0.000174274	0.023284312	0.651960741
T2DM	leukocyte	<i>CDC26</i>	-0.00282253	0.007280455	0.181574557	1
T2DM	leukocyte	<i>PRPF4</i>	0.003383524	0.033229998	0.355181203	1
T2DM	leukocyte	<i>BSPRY</i>	-0.003112051	0.024468291	0.312163311	1
T2DM	leukocyte	<i>RABGAP1</i>	-0.004401046	0.003157814	0.121104413	1
T2DM	leukocyte	<i>MVB12B</i>	-0.003723346	0.04068086	0.391569803	1
T2DM	leukocyte	<i>ZNF79</i>	-0.014936251	0.003138584	0.121104413	1
T2DM	leukocyte	<i>QRFP</i>	-0.08951416	0.001803796	0.088674417	1
T2DM	leukocyte	<i>UCK1</i>	-0.002900603	0.022188012	0.302840282	1
T2DM	leukocyte	<i>NOXA1</i>	0.004756831	0.047425121	0.401145966	1
T2DM	leukocyte	<i>ENTPD8</i>	0.01185193	0.049032886	0.404796669	1
T2DM	leukocyte	<i>ARRDC1</i>	-0.006738369	0.036817329	0.3721137	1
T2DM	leukocyte	<i>CAMK1D</i>	-0.017636892	2.05E-05	0.005718493	0.076608828
T2DM	leukocyte	<i>MCM10</i>	-0.013826682	0.006626412	0.174211132	1
T2DM	leukocyte	<i>TRDMT1</i>	-0.011419844	0.010789919	0.219375467	1
T2DM	leukocyte	<i>ZNF37A</i>	-0.001658942	0.039175604	0.384661241	1
T2DM	leukocyte	<i>CSGALNACT2</i>	-0.001519057	0.049125284	0.404796669	1
T2DM	leukocyte	<i>CXCL12</i>	-0.005016536	0.041531306	0.392344993	1
T2DM	leukocyte	<i>AGAP4</i>	-0.006259467	0.024129613	0.312163311	1
T2DM	leukocyte	<i>FAM149B1</i>	-0.005723902	0.004000484	0.142531513	1
T2DM	leukocyte	<i>SFTPD</i>	-0.017635141	0.000746943	0.059160499	1
T2DM	leukocyte	<i>IFIT5</i>	-0.004340192	0.003075359	0.121104413	1
T2DM	leukocyte	<i>LINC00865</i>	-0.005192512	0.01600411	0.263750551	1
T2DM	leukocyte	<i>FRA10AC1</i>	-0.001454402	0.037387087	0.373970836	1
T2DM	leukocyte	<i>LCOR</i>	-0.002666556	0.013885115	0.245019875	1
T2DM	leukocyte	<i>AS3MT</i>	-0.004713724	0.043373035	0.394727977	1
T2DM	leukocyte	<i>C10orf82</i>	-0.070264873	0.019141398	0.288585115	1
T2DM	leukocyte	<i>FUOM</i>	-0.006924408	0.008041724	0.186672274	1
T2DM	leukocyte	<i>PAOX</i>	-0.007261725	0.025545339	0.317492071	1
T2DM	leukocyte	<i>RIC8A</i>	-0.004044299	0.032807669	0.353831894	1
T2DM	leukocyte	<i>IFITM1</i>	0.012169735	5.26E-06	0.001967478	0.019674777
T2DM	leukocyte	<i>CD151</i>	-0.001203483	0.004600156	0.151603079	1
T2DM	leukocyte	<i>ZNF195</i>	0.002514536	0.046245304	0.401145966	1
T2DM	leukocyte	<i>SCUBE2</i>	0.013887328	0.002534446	0.108981195	1
T2DM	leukocyte	<i>RRAS2</i>	0.002123753	0.021406758	0.299935141	1
T2DM	leukocyte	<i>KCNJ11</i>	-0.004629591	0.043389028	0.394727977	1
T2DM	leukocyte	<i>LDHC</i>	-0.022490656	0.017413966	0.278400198	1
T2DM	leukocyte	<i>HSD17B12</i>	-0.001813468	0.009451083	0.205282615	1
T2DM	leukocyte	<i>CCDC88B</i>	-0.011978988	0.031894811	0.35051389	1
T2DM	leukocyte	<i>SNX32</i>	0.029988928	0.003130633	0.121104413	1
T2DM	leukocyte	<i>CTSW</i>	-0.011197125	0.038052002	0.377592943	1
T2DM	leukocyte	<i>RHOD</i>	-0.003578338	0.037175062	0.37284694	1
T2DM	leukocyte	<i>NADSYN1</i>	-0.003654052	0.00194512	0.093290957	1

T2DM	leukocyte	<i>FCHSD2</i>	-0.005205143	0.022394654	0.303544932	1
T2DM	leukocyte	<i>PLEKHB1</i>	-0.006483763	0.001763986	0.088671131	1
T2DM	leukocyte	<i>C2CD3</i>	-0.011227644	0.002778299	0.117432953	1
T2DM	leukocyte	<i>PGM2L1</i>	0.002253445	0.04806265	0.402192228	1
T2DM	leukocyte	<i>TSKU</i>	-0.003788773	0.049418115	0.406248338	1
T2DM	leukocyte	<i>NAALAD2</i>	0.057928095	1.43E-06	0.000892003	0.005352015
T2DM	leukocyte	<i>KDM4E</i>	0.038443654	0.003882604	0.139661742	1
T2DM	leukocyte	<i>CEP57</i>	-0.002277087	0.007423268	0.182931927	1
T2DM	leukocyte	<i>MMP7</i>	-0.000808278	0.006913402	0.175491814	1
T2DM	leukocyte	<i>MMP1</i>	-0.003241092	0.000161538	0.023084573	0.604315288
T2DM	leukocyte	<i>IL18</i>	-0.00509934	0.032534223	0.353809675	1
T2DM	leukocyte	<i>TRAPPC4</i>	-0.001589604	0.013573639	0.244129722	1
T2DM	leukocyte	<i>VPS11</i>	-0.006558695	0.001825162	0.088674417	1
T2DM	leukocyte	<i>HMBS</i>	0.004798967	0.007946011	0.186672274	1
T2DM	leukocyte	<i>POU2F3</i>	-0.008784787	0.045594482	0.401145966	1
T2DM	leukocyte	<i>CCDC15</i>	-0.036947808	0.001446355	0.081982026	1
T2DM	leukocyte	<i>FAM118B</i>	-0.013545884	0.004577455	0.151603079	1
T2DM	leukocyte	<i>CCDC77</i>	-0.010864142	0.021806088	0.301020571	1
T2DM	leukocyte	<i>TEAD4</i>	0.009271558	2.25E-07	0.000360034	0.000843315
T2DM	leukocyte	<i>CLSTN3</i>	-0.0041142	0.025312592	0.315648016	1
T2DM	leukocyte	<i>PEX5</i>	-0.003050706	0.047233834	0.401145966	1
T2DM	leukocyte	<i>SLC2A14</i>	0.024224886	0.048379177	0.402192228	1
T2DM	leukocyte	<i>LINC00937</i>	0.007653548	0.023157119	0.308446363	1
T2DM	leukocyte	<i>KLRG1</i>	-0.01220835	0.020212891	0.296534999	1
T2DM	leukocyte	<i>LMO3</i>	0.009563659	0.001506004	0.082136558	1
T2DM	leukocyte	<i>GYS2</i>	-0.061572476	0.000193058	0.023777382	0.722229807
T2DM	leukocyte	<i>BCAT1</i>	-0.007237353	0.027677125	0.327157368	1
T2DM	leukocyte	<i>MRPS35</i>	-0.002424307	0.001977536	0.093645091	1
T2DM	leukocyte	<i>SLC38A4</i>	-0.005269329	0.037574657	0.374844779	1
T2DM	leukocyte	<i>WNT10B</i>	0.034450886	0.020902437	0.299601591	1
T2DM	leukocyte	<i>ZNF740</i>	-0.008103167	0.019225813	0.288585115	1
T2DM	leukocyte	<i>METTL7B</i>	-0.016793343	0.009971383	0.207238586	1
T2DM	leukocyte	<i>SARNP</i>	-0.004604779	0.00013145	0.019670143	0.491753576
T2DM	leukocyte	<i>SLC39A5</i>	0.005396669	0.005657346	0.167969308	1
T2DM	leukocyte	<i>LYZ</i>	-0.001198831	0.040966839	0.392121315	1
T2DM	leukocyte	<i>GLIPR1L2</i>	-0.010748406	0.009582533	0.205282615	1
T2DM	leukocyte	<i>ACSS3</i>	0.019523239	0.005856183	0.169829309	1
T2DM	leukocyte	<i>CEP290</i>	-0.002362599	0.02588033	0.320590441	1
T2DM	leukocyte	<i>TMPO</i>	-0.003781875	0.011202808	0.224116069	1
T2DM	leukocyte	<i>SLC8B1</i>	-0.004591156	0.037169686	0.37284694	1
T2DM	leukocyte	<i>GATC</i>	0.004183037	0.026676286	0.322972512	1
T2DM	leukocyte	<i>ARL6IP4</i>	-0.001009068	0.015893744	0.263750551	1
T2DM	leukocyte	<i>CCDC92</i>	-0.001910704	0.027980286	0.32813245	1
T2DM	leukocyte	<i>BRI3BP</i>	0.005595084	0.020114279	0.296534999	1
T2DM	leukocyte	<i>ANKLE2</i>	0.002422889	0.005553538	0.167777493	1
T2DM	leukocyte	<i>ZNF10</i>	-0.003745856	0.006641935	0.174211132	1
T2DM	leukocyte	<i>ATP12A</i>	0.017080173	0.023648667	0.312163311	1
T2DM	leukocyte	<i>TRPC4</i>	0.013567605	0.00038912	0.038291621	1
T2DM	leukocyte	<i>FNDC3A</i>	-0.002052576	0.047626259	0.401145966	1
T2DM	leukocyte	<i>TBC1D4</i>	-0.00734651	7.77E-05	0.013926282	0.290849188
T2DM	leukocyte	<i>RPGRIP1</i>	-0.034128988	0.018940964	0.288585115	1
T2DM	leukocyte	<i>RALGAPAI</i>	0.00094058	0.045063335	0.399483265	1
T2DM	leukocyte	<i>CLEC14A</i>	0.002082141	0.014887264	0.250870523	1
T2DM	leukocyte	<i>VCPKMT</i>	-0.002924893	0.046691719	0.401145966	1
T2DM	leukocyte	<i>BMP4</i>	0.006745351	0.000202857	0.023777382	0.758886371
T2DM	leukocyte	<i>RHOJ</i>	0.008203753	2.14E-05	0.005718493	0.080058907

T2DM	leukocyte	<i>HSPA2</i>	-0.002533703	0.003350527	0.1251118	1
T2DM	leukocyte	<i>SPTB</i>	-0.003129121	0.006071175	0.170768906	1
T2DM	leukocyte	<i>ATP6V1D</i>	-0.001758273	0.01203208	0.230794155	1
T2DM	leukocyte	<i>LIN52</i>	-0.003377321	0.036903016	0.3721137	1
T2DM	leukocyte	<i>GSTZ1</i>	0.010050178	7.35E-06	0.002501129	0.027512419
T2DM	leukocyte	<i>TMED8</i>	0.001668661	1.80E-05	0.005618707	0.067424485
T2DM	leukocyte	<i>NOXRRED1</i>	-0.026058339	0.024116129	0.312163311	1
T2DM	leukocyte	<i>DDX24</i>	0.000625221	0.014223192	0.24632737	1
T2DM	leukocyte	<i>IFI27L1</i>	-0.003353293	0.047067879	0.401145966	1
T2DM	leukocyte	<i>SERPINA5</i>	-0.004539157	0.000209744	0.023777382	0.784653605
T2DM	leukocyte	<i>GLRX5</i>	-0.000912086	0.016261006	0.265643769	1
T2DM	leukocyte	<i>CCDC85C</i>	-0.004476826	0.045049971	0.399483265	1
T2DM	leukocyte	<i>TRAF3</i>	-0.004716421	0.00451668	0.151603079	1
T2DM	leukocyte	<i>MARK3</i>	-0.001751276	0.000166609	0.023084573	0.623283466
T2DM	leukocyte	<i>CKB</i>	-0.001805543	2.06E-06	0.00110126	0.007708819
T2DM	leukocyte	<i>PPP1R13B</i>	-0.005253228	0.007554024	0.184703295	1
T2DM	leukocyte	<i>SIVA1</i>	-0.000883586	0.015241315	0.254543571	1
T2DM	leukocyte	<i>AKT1</i>	-0.002463682	0.010315366	0.210873148	1
T2DM	leukocyte	<i>ZBTB42</i>	-0.005781804	0.01486949	0.250870523	1
T2DM	leukocyte	<i>GOLGA8H</i>	0.03894595	0.026671846	0.322972512	1
T2DM	leukocyte	<i>GOLGA8K</i>	-0.04306052	0.0414706	0.392344993	1
T2DM	leukocyte	<i>UBR1</i>	-0.004215132	0.014091236	0.245187502	1
T2DM	leukocyte	<i>TUBGCP4</i>	-0.003741101	0.022077347	0.30253243	1
T2DM	leukocyte	<i>PPIP5K1</i>	-0.010748639	0.001639695	0.0866506	1
T2DM	leukocyte	<i>ELL3</i>	-0.0124301	0.006665107	0.174211132	1
T2DM	leukocyte	<i>SERF2</i>	-0.000502305	0.013734721	0.244823957	1
T2DM	leukocyte	<i>ATP8B4</i>	-0.017510068	0.021332795	0.299935141	1
T2DM	leukocyte	<i>USP8</i>	-0.003050283	6.70E-07	0.000501391	0.002506957
T2DM	leukocyte	<i>DMXL2</i>	-0.004592291	0.011837265	0.229446673	1
T2DM	leukocyte	<i>RSL24D1</i>	-0.001142226	0.043741266	0.394727977	1
T2DM	leukocyte	<i>RAB27A</i>	-0.002669094	0.029621617	0.338625353	1
T2DM	leukocyte	<i>ZNF280D</i>	-0.002498014	0.000275935	0.027899289	1
T2DM	leukocyte	<i>LINC00926</i>	-0.005378818	0.000772701	0.059160499	1
T2DM	leukocyte	<i>LIPC</i>	0.012889691	0.011326656	0.225388402	1
T2DM	leukocyte	<i>ADAM10</i>	-0.002612597	0.038307946	0.379127052	1
T2DM	leukocyte	<i>CELF6</i>	0.00402088	0.002010646	0.094022829	1
T2DM	leukocyte	<i>SCAPER</i>	-0.002359805	0.012338634	0.230794155	1
T2DM	leukocyte	<i>PEAK1</i>	-0.005052991	0.004759345	0.15475583	1
T2DM	leukocyte	<i>MORF4L1</i>	-0.000680181	0.001398469	0.081437515	1
T2DM	leukocyte	<i>POLG</i>	-0.002391265	0.041294245	0.392121315	1
T2DM	leukocyte	<i>FES</i>	-0.006147035	0.032117737	0.351322968	1
T2DM	leukocyte	<i>UNC45A</i>	-0.003260034	0.002917123	0.117432953	1
T2DM	leukocyte	<i>HAGH</i>	-0.002529955	0.011834819	0.229446673	1
T2DM	leukocyte	<i>FAHD1</i>	-0.007399326	6.45E-05	0.013120494	0.241233723
T2DM	leukocyte	<i>RNPS1</i>	-0.001530242	0.006483204	0.174211132	1
T2DM	leukocyte	<i>FLYWCHI</i>	-0.007175207	8.19E-05	0.013926282	0.306378207
T2DM	leukocyte	<i>PMM2</i>	-0.004367825	0.014506484	0.248509431	1
T2DM	leukocyte	<i>SLC5A11</i>	0.016558068	0.032771093	0.353831894	1
T2DM	leukocyte	<i>IL4R</i>	-0.004027948	0.036901006	0.3721137	1
T2DM	leukocyte	<i>SULT1A1</i>	-0.006408358	0.039005209	0.383996022	1
T2DM	leukocyte	<i>YPEL3</i>	-0.001839484	0.011534591	0.226049632	1
T2DM	leukocyte	<i>KIFC3</i>	-0.002383029	0.018059838	0.283175641	1
T2DM	leukocyte	<i>GLG1</i>	-0.001700295	3.22E-05	0.007535979	0.120575667
T2DM	leukocyte	<i>RFWF3</i>	-0.009095048	0.000916009	0.062305277	1
T2DM	leukocyte	<i>GAS8</i>	-0.005080426	0.030427754	0.341580693	1
T2DM	leukocyte	<i>C17orf97</i>	-0.00452825	0.005829644	0.169829309	1

T2DM	leukocyte	<i>CXCL16</i>	-0.002301744	0.034548062	0.361353881	1
T2DM	leukocyte	<i>SPAG7</i>	0.002046296	0.020856487	0.299601591	1
T2DM	leukocyte	<i>SAT2</i>	-0.00071452	0.033009177	0.353831894	1
T2DM	leukocyte	<i>EFNB3</i>	0.002620511	0.030366178	0.341580693	1
T2DM	leukocyte	<i>MFSDBL</i>	-0.019051457	0.030002528	0.33909202	1
T2DM	leukocyte	<i>TRPV2</i>	-0.007507905	0.031276494	0.348218928	1
T2DM	leukocyte	<i>TP53II3</i>	0.002318433	0.013282022	0.24120409	1
T2DM	leukocyte	<i>C17orf75</i>	-0.005144475	0.021123649	0.299935141	1
T2DM	leukocyte	<i>CCT6B</i>	-0.008953727	0.000122049	0.019024396	0.456585512
T2DM	leukocyte	<i>CCL14</i>	0.006073017	0.033326409	0.355196858	1
T2DM	leukocyte	<i>TADA2A</i>	-0.005983745	0.039334666	0.385212009	1
T2DM	leukocyte	<i>SYNRG</i>	-0.00445865	0.00023318	0.025656673	0.872326891
T2DM	leukocyte	<i>CWC25</i>	-0.001473572	0.027643467	0.327157368	1
T2DM	leukocyte	<i>DHX58</i>	-0.017064064	0.031950077	0.35051389	1
T2DM	leukocyte	<i>HSPB9</i>	-0.023273302	0.031474626	0.348218928	1
T2DM	leukocyte	<i>BECN1</i>	-0.001499604	0.047323771	0.401145966	1
T2DM	leukocyte	<i>CIQL1</i>	-0.003088977	0.02286038	0.306525746	1
T2DM	leukocyte	<i>NPEPPS</i>	-0.001064666	0.040164297	0.391288108	1
T2DM	leukocyte	<i>RPS6KB1</i>	0.001285047	0.041297995	0.392121315	1
T2DM	leukocyte	<i>LIMD2</i>	-0.008059639	0.000638587	0.055262135	1
T2DM	leukocyte	<i>FTSJ3</i>	0.003147679	0.04281529	0.394727977	1
T2DM	leukocyte	<i>PSMC5</i>	0.000844222	0.043646942	0.394727977	1
T2DM	leukocyte	<i>ARSG</i>	-0.005185637	0.00578597	0.169829309	1
T2DM	leukocyte	<i>ABCA5</i>	-0.002602612	0.005561189	0.167777493	1
T2DM	leukocyte	<i>SYNGR2</i>	0.001494828	0.024748215	0.312780652	1
T2DM	leukocyte	<i>TIMP2</i>	-0.001949697	0.003172476	0.121104413	1
T2DM	leukocyte	<i>CEP192</i>	-0.004257843	0.006900729	0.175491814	1
T2DM	leukocyte	<i>ZNF519</i>	-0.005649148	0.02609462	0.321292026	1
T2DM	leukocyte	<i>TPGS2</i>	-0.003435464	0.003589014	0.130354374	1
T2DM	leukocyte	<i>EPG5</i>	-0.00720321	0.001762415	0.088671131	1
T2DM	leukocyte	<i>ME2</i>	0.00552836	0.000119436	0.019024396	0.446810914
T2DM	leukocyte	<i>POLI</i>	-0.004743837	0.000780372	0.059160499	1
T2DM	leukocyte	<i>PIGN</i>	-0.004565953	0.012219104	0.230794155	1
T2DM	leukocyte	<i>TXNL4A</i>	-0.001681003	0.000953793	0.063716763	1
T2DM	leukocyte	<i>APBA3</i>	-0.011791757	0.012152244	0.230794155	1
T2DM	leukocyte	<i>ZNF490</i>	-0.008458045	0.001365412	0.081079466	1
T2DM	leukocyte	<i>FARSA</i>	0.00252923	0.047640877	0.401145966	1
T2DM	leukocyte	<i>MRII</i>	-0.006926482	0.024392962	0.312163311	1
T2DM	leukocyte	<i>SLC1A6</i>	0.0411658	0.009657776	0.205282615	1
T2DM	leukocyte	<i>ANO8</i>	-0.016903434	0.01154116	0.226049632	1
T2DM	leukocyte	<i>UBA52</i>	-0.000502358	0.007923828	0.186672274	1
T2DM	leukocyte	<i>ZNF429</i>	-0.003954166	0.002297389	0.103548601	1
T2DM	leukocyte	<i>ZNF507</i>	0.001941499	0.004203492	0.148351545	1
T2DM	leukocyte	<i>PEPD</i>	0.001377807	0.035941784	0.369878116	1
T2DM	leukocyte	<i>ZNF302</i>	-0.003058489	0.021010743	0.299935141	1
T2DM	leukocyte	<i>ZNF30</i>	0.011209267	0.019263132	0.288585115	1
T2DM	leukocyte	<i>RINL</i>	-0.002672235	0.00594792	0.169856259	1
T2DM	leukocyte	<i>PAK4</i>	-0.003016312	0.015131135	0.253836669	1
T2DM	leukocyte	<i>SAMD4B</i>	-0.001459999	0.025210872	0.315648016	1
T2DM	leukocyte	<i>MAP3K10</i>	-0.007420983	0.005275805	0.165229283	1
T2DM	leukocyte	<i>ITPKC</i>	0.003650897	0.000996221	0.06538357	1
T2DM	leukocyte	<i>SMG9</i>	0.00290207	0.031554722	0.348218928	1
T2DM	leukocyte	<i>PPP1R13L</i>	0.005222263	0.032446391	0.353809675	1
T2DM	leukocyte	<i>STRN4</i>	-0.00175033	0.028188621	0.329542603	1
T2DM	leukocyte	<i>PLA2G4C</i>	-0.007848379	0.007661403	0.18611239	1
T2DM	leukocyte	<i>ALDH16A1</i>	-0.006822081	0.032902192	0.353831894	1

T2DM	leukocyte	<i>KLK13</i>	-0.05916644	0.004464272	0.151603079	1
T2DM	leukocyte	<i>SIGLEC14</i>	-0.001684661	0.027715349	0.327157368	1
T2DM	leukocyte	<i>ZNF880</i>	-0.003195821	0.001514949	0.082136558	1
T2DM	leukocyte	<i>ZNF528</i>	0.004812854	0.00479863	0.154755583	1
T2DM	leukocyte	<i>PRKCG</i>	0.018732627	0.016148245	0.264958698	1
T2DM	leukocyte	<i>GP6</i>	0.02015	0.000790704	0.059160499	1
T2DM	leukocyte	<i>RDH13</i>	-0.006505227	0.00134086	0.080905781	1
T2DM	leukocyte	<i>EPS8L1</i>	0.015429362	0.009223102	0.202962501	1
T2DM	leukocyte	<i>ZNF471</i>	-0.009048314	0.004619821	0.151603079	1
T2DM	leukocyte	<i>ZNF548</i>	-0.004436523	0.041752633	0.392453773	1
T2DM	leukocyte	<i>ZSCAN1</i>	-0.002998792	0.024629533	0.312335872	1
T2DM	leukocyte	<i>ZSCAN18</i>	-0.003305922	0.002892145	0.117432953	1
T2DM	leukocyte	<i>ZNF329</i>	-0.007660193	3.85E-07	0.000360034	0.001440135
T2DM	leukocyte	<i>C20orf96</i>	-0.007150124	0.047899572	0.401776452	1
T2DM	leukocyte	<i>SIRPB1</i>	-0.034747945	0.048375764	0.402192228	1
T2DM	leukocyte	<i>DZANK1</i>	-0.006421696	0.036088081	0.369878116	1
T2DM	leukocyte	<i>RBBP9</i>	-0.006091892	0.043410884	0.394727977	1
T2DM	leukocyte	<i>PTPRT</i>	-0.005367708	0.034528742	0.361353881	1
T2DM	leukocyte	<i>SYS1</i>	-0.004426359	0.000240789	0.02573687	0.900790438
T2DM	leukocyte	<i>RBM38</i>	-0.005889473	0.048213713	0.402192228	1
T2DM	leukocyte	<i>YTHDF1</i>	-0.001853951	0.012290253	0.230794155	1
T2DM	leukocyte	<i>OPRL1</i>	0.018240914	0.018955619	0.288585115	1
T2DM	leukocyte	<i>TMEM50B</i>	0.001653367	0.036387054	0.371923408	1
T2DM	leukocyte	<i>MCM3AP</i>	-0.003324025	0.011062336	0.222495702	1
T2DM	leukocyte	<i>DIP2A</i>	-0.005139515	0.001644532	0.0866506	1
T2DM	leukocyte	<i>LINC00528</i>	-0.016854342	0.042772908	0.394727977	1
T2DM	leukocyte	<i>ARVCF</i>	-0.003683261	0.040505326	0.391569803	1
T2DM	leukocyte	<i>CCDC116</i>	0.024648322	0.021743473	0.301020571	1
T2DM	leukocyte	<i>PES1</i>	-0.004189065	0.003377784	0.1251118	1
T2DM	leukocyte	<i>SF11</i>	-0.008349243	0.005548906	0.167777493	1
T2DM	leukocyte	<i>APOL4</i>	0.013575597	0.029780203	0.338625353	1
T2DM	leukocyte	<i>APOBEC3G</i>	-0.00588654	0.004548495	0.151603079	1
T2DM	leukocyte	<i>NDUFA6</i>	0.00097171	0.025280448	0.315648016	1
T2DM	leukocyte	<i>SAMM50</i>	-0.002879432	0.043893835	0.394727977	1
T2DM	leukocyte	<i>NUP50</i>	-0.004347343	0.009331103	0.204138333	1
T2DM	leukocyte	<i>HDAC10</i>	0.011472975	4.40E-05	0.009692953	0.164780202
T2DM	leukocyte	<i>MAPK12</i>	0.006869919	0.019010189	0.288585115	1
T2DM	leukocyte	<i>MIOX</i>	0.019631809	0.000672876	0.055938416	1
T2DM	leukocyte	<i>TYMP</i>	-0.002209908	0.008183441	0.186672274	1
T2DM	leukocyte	<i>RABL2B</i>	0.008810436	0.000914079	0.062305277	1
T2DM	mesenchymal_cell	<i>LINC00115</i>	0.00432619	0.042832696	0.389820058	1
T2DM	mesenchymal_cell	<i>NOC2L</i>	-0.002054124	0.005967422	0.162389123	1
T2DM	mesenchymal_cell	<i>PGD</i>	-0.004565151	0.002398632	0.109784932	1
T2DM	mesenchymal_cell	<i>FBXO6</i>	-0.004439013	0.020262132	0.277475125	1
T2DM	mesenchymal_cell	<i>PLEKHM2</i>	-0.002315281	0.026471093	0.330094525	1
T2DM	mesenchymal_cell	<i>CLCNKB</i>	0.042929326	0.006326628	0.165509895	1
T2DM	mesenchymal_cell	<i>KLHDC7A</i>	0.010291128	0.044315651	0.393973742	1
T2DM	mesenchymal_cell	<i>OTUD3</i>	-0.004105642	0.007243352	0.178472376	1
T2DM	mesenchymal_cell	<i>CDA</i>	0.01057124	0.035777369	0.364695201	1
T2DM	mesenchymal_cell	<i>TRIM63</i>	0.014554489	0.003986475	0.142032395	1
T2DM	mesenchymal_cell	<i>SFN</i>	-0.011268781	0.009872241	0.194805696	1
T2DM	mesenchymal_cell	<i>RAB42</i>	-0.014432223	0.014685587	0.235788764	1
T2DM	mesenchymal_cell	<i>Clorf109</i>	-0.00359372	0.000725567	0.056548881	1
T2DM	mesenchymal_cell	<i>NDUFS5</i>	-0.001029921	0.001623854	0.087100915	1
T2DM	mesenchymal_cell	<i>TRIT1</i>	-0.005683646	0.036476717	0.366629078	1
T2DM	mesenchymal_cell	<i>ZFP69</i>	-0.014661933	0.04993522	0.420552804	1

T2DM	mesenchymal_cell	<i>EXO5</i>	0.005164523	0.018450262	0.262442697	1
T2DM	mesenchymal_cell	<i>CITED4</i>	-0.002917874	0.004832746	0.150660844	1
T2DM	mesenchymal_cell	<i>ERMAP</i>	-0.00922004	0.010437973	0.196022716	1
T2DM	mesenchymal_cell	<i>GPX7</i>	-0.004017357	0.032901445	0.356766105	1
T2DM	mesenchymal_cell	<i>PODN</i>	0.003397082	0.004258471	0.143397786	1
T2DM	mesenchymal_cell	<i>TTC4</i>	0.004704673	8.56E-06	0.003670575	0.03201994
T2DM	mesenchymal_cell	<i>CTBS</i>	-0.00299489	0.004894411	0.151322248	1
T2DM	mesenchymal_cell	<i>RBMXL1</i>	-0.003780761	0.022378606	0.298327422	1
T2DM	mesenchymal_cell	<i>TMED5</i>	-0.002017585	0.000632662	0.051937918	1
T2DM	mesenchymal_cell	<i>CCDC18</i>	-0.0071669	0.003654054	0.135991323	1
T2DM	mesenchymal_cell	<i>DRI</i>	0.003025157	0.002690563	0.113094333	1
T2DM	mesenchymal_cell	<i>PTBP2</i>	-0.0019554	0.021642559	0.290697023	1
T2DM	mesenchymal_cell	<i>LRRC39</i>	0.018814378	6.55E-08	8.17E-05	0.000245081
T2DM	mesenchymal_cell	<i>SLC25A24</i>	0.002557789	0.009276969	0.187595358	1
T2DM	mesenchymal_cell	<i>PSRC1</i>	-0.021430538	0.039407256	0.37707778	1
T2DM	mesenchymal_cell	<i>CEPT1</i>	0.007413508	5.00E-05	0.012460303	0.186904538
T2DM	mesenchymal_cell	<i>WDR77</i>	-0.007524842	0.043411727	0.389820058	1
T2DM	mesenchymal_cell	<i>BCAS2</i>	0.001020666	0.020689864	0.281457388	1
T2DM	mesenchymal_cell	<i>REG4</i>	-0.00799126	0.034982292	0.362914792	1
T2DM	mesenchymal_cell	<i>NUDT17</i>	-0.00444278	0.031550411	0.348949359	1
T2DM	mesenchymal_cell	<i>FLG</i>	-0.035295869	0.016700073	0.249783687	1
T2DM	mesenchymal_cell	<i>BGLAP</i>	-0.018132119	0.007914045	0.18098708	1
T2DM	mesenchymal_cell	<i>SH2D2A</i>	-0.024837955	0.003203499	0.12615042	1
T2DM	mesenchymal_cell	<i>VSIG8</i>	-0.017247738	0.00841249	0.18098708	1
T2DM	mesenchymal_cell	<i>ALDH9A1</i>	0.00211319	0.031095707	0.348290534	1
T2DM	mesenchymal_cell	<i>GORAB</i>	-0.003947656	0.004746425	0.150650036	1
T2DM	mesenchymal_cell	<i>RABGAP1L</i>	0.001735655	0.010935652	0.201528453	1
T2DM	mesenchymal_cell	<i>SEC16B</i>	0.016165113	0.004542525	0.14777032	1
T2DM	mesenchymal_cell	<i>LHX4</i>	-0.008834555	0.000542458	0.050733401	1
T2DM	mesenchymal_cell	<i>SMG7</i>	-0.002401198	0.019713312	0.273138883	1
T2DM	mesenchymal_cell	<i>SRGAP2</i>	-0.004510063	0.038438731	0.374824382	1
T2DM	mesenchymal_cell	<i>TAF1A</i>	0.008497272	0.026997311	0.334140166	1
T2DM	mesenchymal_cell	<i>LEFTY1</i>	0.014878635	0.016679148	0.249783687	1
T2DM	mesenchymal_cell	<i>ARID4B</i>	-0.001198513	0.001382123	0.082071794	1
T2DM	mesenchymal_cell	<i>SDCCAG8</i>	-0.001409718	0.008495369	0.18098708	1
T2DM	mesenchymal_cell	<i>TAF1B</i>	-0.005202002	0.035496504	0.363814852	1
T2DM	mesenchymal_cell	<i>FAM228A</i>	0.011290892	0.010479696	0.196022716	1
T2DM	mesenchymal_cell	<i>ATRAID</i>	0.001237016	0.000616548	0.051937918	1
T2DM	mesenchymal_cell	<i>CAD</i>	0.008541485	0.000364986	0.04516015	1
T2DM	mesenchymal_cell	<i>KRTCAP3</i>	0.002418089	0.005132465	0.152519252	1
T2DM	mesenchymal_cell	<i>MCFD2</i>	-0.001399493	0.034850582	0.362914792	1
T2DM	mesenchymal_cell	<i>RTN4</i>	-0.000676071	8.86E-05	0.016567199	0.331343989
T2DM	mesenchymal_cell	<i>AFTPH</i>	-0.00126649	0.049425349	0.4192749	1
T2DM	mesenchymal_cell	<i>FIGLA</i>	-0.031275944	0.040077127	0.37707778	1
T2DM	mesenchymal_cell	<i>PAIP2B</i>	0.003819744	0.002444593	0.109784932	1
T2DM	mesenchymal_cell	<i>HTRA2</i>	0.004190664	0.000806022	0.060306569	1
T2DM	mesenchymal_cell	<i>SEMA4F</i>	-0.014210701	0.011079432	0.203177227	1
T2DM	mesenchymal_cell	<i>DNAH6</i>	-0.006819131	0.011140437	0.203299393	1
T2DM	mesenchymal_cell	<i>CHMP3</i>	-0.001308054	0.043173393	0.389820058	1
T2DM	mesenchymal_cell	<i>ITPRIPL1</i>	-0.016845333	0.010169264	0.19509342	1
T2DM	mesenchymal_cell	<i>KANSL3</i>	0.005247107	0.000374222	0.04516015	1
T2DM	mesenchymal_cell	<i>CNNM4</i>	-0.006823522	0.025392623	0.322012886	1
T2DM	mesenchymal_cell	<i>GCC2</i>	0.001832369	7.85E-06	0.003670575	0.029350187
T2DM	mesenchymal_cell	<i>SH3RF3-AS1</i>	-0.019718645	0.037141636	0.369446084	1
T2DM	mesenchymal_cell	<i>SOWAHC</i>	-0.002999687	0.008103782	0.18098708	1
T2DM	mesenchymal_cell	<i>POLR1B</i>	0.00476109	0.002656092	0.112914082	1

T2DM	mesenchymal_cell	<i>CHCHD5</i>	-0.00217186	0.003733479	0.136130544	1
T2DM	mesenchymal_cell	<i>PSD4</i>	-0.008744473	0.001556522	0.085631604	1
T2DM	mesenchymal_cell	<i>ACTR3</i>	-0.003358799	0.008439065	0.18098708	1
T2DM	mesenchymal_cell	<i>TMEM185B</i>	0.003539537	0.035364377	0.363456415	1
T2DM	mesenchymal_cell	<i>MZT2A</i>	-0.001296928	0.034607415	0.362914792	1
T2DM	mesenchymal_cell	<i>LYPD6</i>	-0.029517118	0.007453593	0.179885005	1
T2DM	mesenchymal_cell	<i>CWC22</i>	0.002213724	0.004792129	0.150650036	1
T2DM	mesenchymal_cell	<i>DUSP19</i>	-0.019417645	0.035091516	0.362914792	1
T2DM	mesenchymal_cell	<i>ARMC9</i>	0.002912097	0.00259872	0.112623643	1
T2DM	mesenchymal_cell	<i>TRAF3IP1</i>	-0.002360947	0.005066301	0.152519252	1
T2DM	mesenchymal_cell	<i>FARP2</i>	-0.004183256	0.01732405	0.252176149	1
T2DM	mesenchymal_cell	<i>TRNT1</i>	-0.005963252	0.033513545	0.359238313	1
T2DM	mesenchymal_cell	<i>CRELD1</i>	0.00306379	0.023680772	0.304432198	1
T2DM	mesenchymal_cell	<i>EFHB</i>	-0.007752713	0.003748048	0.136130544	1
T2DM	mesenchymal_cell	<i>TRANK1</i>	0.010783359	0.046957364	0.404610571	1
T2DM	mesenchymal_cell	<i>CTDSPL</i>	0.002223524	0.001171118	0.081132418	1
T2DM	mesenchymal_cell	<i>TTC21A</i>	0.010821503	0.046628854	0.403792926	1
T2DM	mesenchymal_cell	<i>ENTPD3</i>	-0.00568155	0.025161789	0.320170931	1
T2DM	mesenchymal_cell	<i>HIGD1A</i>	-0.002238338	0.002322496	0.109784932	1
T2DM	mesenchymal_cell	<i>LTF</i>	0.018538853	0.000287896	0.039889532	1
T2DM	mesenchymal_cell	<i>ALS2CL</i>	0.008852992	0.020322958	0.277475125	1
T2DM	mesenchymal_cell	<i>NBEAL2</i>	-0.005322641	0.011463105	0.20483795	1
T2DM	mesenchymal_cell	<i>TREX1</i>	-0.030292691	0.005240163	0.154357866	1
T2DM	mesenchymal_cell	<i>QRICH1</i>	-0.001648718	0.032442514	0.353840943	1
T2DM	mesenchymal_cell	<i>HYAL3</i>	-0.016156444	0.005336985	0.155981721	1
T2DM	mesenchymal_cell	<i>RFT1</i>	-0.009042804	0.00870828	0.18098708	1
T2DM	mesenchymal_cell	<i>UBA3</i>	0.002982622	0.022408448	0.298327422	1
T2DM	mesenchymal_cell	<i>EPHA3</i>	-0.013173313	0.007578747	0.179885005	1
T2DM	mesenchymal_cell	<i>GUCA1C</i>	0.029123573	0.023388087	0.303720085	1
T2DM	mesenchymal_cell	<i>ABHD10</i>	-0.00285441	0.044637937	0.393973742	1
T2DM	mesenchymal_cell	<i>LSAMP</i>	-0.00397076	0.008338789	0.18098708	1
T2DM	mesenchymal_cell	<i>UPK1B</i>	0.006144466	0.035065725	0.362914792	1
T2DM	mesenchymal_cell	<i>KALRN</i>	0.011049155	0.002540865	0.111827968	1
T2DM	mesenchymal_cell	<i>SLC12A8</i>	0.007519756	0.03076526	0.347712497	1
T2DM	mesenchymal_cell	<i>ACAD9</i>	-0.010849029	0.022869639	0.302315618	1
T2DM	mesenchymal_cell	<i>TF</i>	0.007472054	0.014658503	0.235788764	1
T2DM	mesenchymal_cell	<i>RBPI</i>	-0.000585497	0.011653093	0.206607677	1
T2DM	mesenchymal_cell	<i>TM4SF4</i>	0.000607329	0.03284141	0.356766105	1
T2DM	mesenchymal_cell	<i>SHOX2</i>	-0.026274229	0.017755832	0.256465513	1
T2DM	mesenchymal_cell	<i>RSRC1</i>	-0.002020701	0.019358006	0.271229595	1
T2DM	mesenchymal_cell	<i>GPR160</i>	-0.008295358	0.000447839	0.047880031	1
T2DM	mesenchymal_cell	<i>XXYLT1</i>	0.004034524	0.0395162	0.37707778	1
T2DM	mesenchymal_cell	<i>SLC51A</i>	-0.014659512	0.029003561	0.340132673	1
T2DM	mesenchymal_cell	<i>GAK</i>	0.003735531	0.005730204	0.159975321	1
T2DM	mesenchymal_cell	<i>FGFRL1</i>	-0.016325271	7.66E-05	0.015927576	0.286696363
T2DM	mesenchymal_cell	<i>GRK4</i>	-0.006984447	0.014277906	0.235788764	1
T2DM	mesenchymal_cell	<i>LRPAP1</i>	0.000842737	0.008181127	0.18098708	1
T2DM	mesenchymal_cell	<i>ADRA2C</i>	0.004301546	0.027157505	0.334140166	1
T2DM	mesenchymal_cell	<i>MSX1</i>	0.003845435	0.000537948	0.050733401	1
T2DM	mesenchymal_cell	<i>SLC2A9</i>	-0.007250655	0.028412794	0.336706267	1
T2DM	mesenchymal_cell	<i>RPL9</i>	0.000366273	0.00022048	0.031723692	0.824815986
T2DM	mesenchymal_cell	<i>OCIAD1</i>	-0.001819876	0.001886483	0.092189422	1
T2DM	mesenchymal_cell	<i>ARL9</i>	-0.010239613	0.001124152	0.079348132	1
T2DM	mesenchymal_cell	<i>UBA6</i>	-0.002250845	0.015042944	0.240064188	1
T2DM	mesenchymal_cell	<i>BTC</i>	-0.017930359	0.005395514	0.156468126	1
T2DM	mesenchymal_cell	<i>CCDC158</i>	-0.019062043	0.011462868	0.20483795	1

T2DM	mesenchymal_cell	<i>PRDM8</i>	0.016380792	0.042406559	0.389820058	1
T2DM	mesenchymal_cell	<i>HSD17B11</i>	0.003004252	0.002362411	0.109784932	1
T2DM	mesenchymal_cell	<i>LINC01091</i>	-0.003403003	0.046483382	0.403792926	1
T2DM	mesenchymal_cell	<i>ELMOD2</i>	-0.004432294	0.029747314	0.344258043	1
T2DM	mesenchymal_cell	<i>ZNF827</i>	-0.005250799	0.001302078	0.082064607	1
T2DM	mesenchymal_cell	<i>ARFIP1</i>	0.001909381	0.017211907	0.252176149	1
T2DM	mesenchymal_cell	<i>KLKB1</i>	0.009987809	0.016454428	0.249783687	1
T2DM	mesenchymal_cell	<i>EXOC3</i>	0.002399679	0.030181355	0.345556533	1
T2DM	mesenchymal_cell	<i>SLC6A19</i>	-0.039392315	0.000478002	0.049672416	1
T2DM	mesenchymal_cell	<i>SNHG18</i>	-0.006148973	0.012596792	0.217164043	1
T2DM	mesenchymal_cell	<i>DNAH5</i>	0.005638904	0.033191958	0.357841834	1
T2DM	mesenchymal_cell	<i>DROSHA</i>	0.008162822	0.015153455	0.240064188	1
T2DM	mesenchymal_cell	<i>NPR3</i>	-0.00732236	0.008062052	0.18098708	1
T2DM	mesenchymal_cell	<i>CCDC152</i>	-0.00482539	0.007718102	0.179885005	1
T2DM	mesenchymal_cell	<i>CCL28</i>	-0.005818509	0.017142	0.252176149	1
T2DM	mesenchymal_cell	<i>NNT</i>	-0.004329075	9.81E-06	0.003670575	0.03670575
T2DM	mesenchymal_cell	<i>ERCC8</i>	0.009505325	0.000647626	0.051937918	1
T2DM	mesenchymal_cell	<i>KIF2A</i>	-0.00545573	0.000299303	0.039988999	1
T2DM	mesenchymal_cell	<i>MAP1B</i>	0.000403211	0.039721373	0.37707778	1
T2DM	mesenchymal_cell	<i>POLK</i>	-0.001489407	0.007251484	0.178472376	1
T2DM	mesenchymal_cell	<i>MCC</i>	0.003159166	0.016863044	0.250335897	1
T2DM	mesenchymal_cell	<i>ATG12</i>	-0.001730234	3.69E-05	0.011498686	0.137984229
T2DM	mesenchymal_cell	<i>FAM53C</i>	0.001646002	0.003611165	0.135991323	1
T2DM	mesenchymal_cell	<i>ITK</i>	-0.039522294	0.001338129	0.082064607	1
T2DM	mesenchymal_cell	<i>TBC1D9B</i>	-0.0044738	0.023544193	0.303720085	1
T2DM	mesenchymal_cell	<i>RNF130</i>	-0.003537018	0.008586136	0.18098708	1
T2DM	mesenchymal_cell	<i>SIRT5</i>	-0.008920336	0.034101756	0.36242804	1
T2DM	mesenchymal_cell	<i>DTNBP1</i>	-0.002134585	0.041749966	0.389492822	1
T2DM	mesenchymal_cell	<i>DCDC2</i>	-0.003899247	0.018383077	0.262442697	1
T2DM	mesenchymal_cell	<i>ZNF391</i>	-0.015787955	0.006838332	0.175073602	1
T2DM	mesenchymal_cell	<i>ZSCAN23</i>	-0.014534557	0.043152352	0.389820058	1
T2DM	mesenchymal_cell	<i>HLA-F</i>	-0.004116461	0.007701263	0.179885005	1
T2DM	mesenchymal_cell	<i>HCG9</i>	0.054566119	7.89E-06	0.003670575	0.029534983
T2DM	mesenchymal_cell	<i>ATP6V1G2</i>	0.025599701	0.028441374	0.336706267	1
T2DM	mesenchymal_cell	<i>SLC44A4</i>	-0.009187881	0.002823442	0.116071393	1
T2DM	mesenchymal_cell	<i>BAK1</i>	0.006629213	0.008673404	0.18098708	1
T2DM	mesenchymal_cell	<i>IP6K3</i>	0.047901093	0.001321302	0.082064607	1
T2DM	mesenchymal_cell	<i>LEMD2</i>	0.002582071	0.0139703	0.233316475	1
T2DM	mesenchymal_cell	<i>NFYA</i>	0.004460326	0.031067795	0.348290534	1
T2DM	mesenchymal_cell	<i>TFEB</i>	-0.005470084	0.027242804	0.334140166	1
T2DM	mesenchymal_cell	<i>CD2AP</i>	-0.003672002	0.008037109	0.18098708	1
T2DM	mesenchymal_cell	<i>EFHC1</i>	0.002002307	0.00127179	0.082064607	1
T2DM	mesenchymal_cell	<i>GSTA2</i>	-0.010468627	0.037647027	0.370658241	1
T2DM	mesenchymal_cell	<i>SMIM8</i>	0.005887807	0.006796888	0.175073602	1
T2DM	mesenchymal_cell	<i>SRSF12</i>	0.007038837	0.025590898	0.323430907	1
T2DM	mesenchymal_cell	<i>PKIB</i>	-0.001302706	0.033969925	0.362055525	1
T2DM	mesenchymal_cell	<i>SMPDL3A</i>	0.002102812	0.007380851	0.179885005	1
T2DM	mesenchymal_cell	<i>TPD52L1</i>	-0.002527492	0.027460039	0.334140166	1
T2DM	mesenchymal_cell	<i>RNF146</i>	0.00457547	0.003790435	0.136346307	1
T2DM	mesenchymal_cell	<i>MTRF1L</i>	-0.001309185	0.030205022	0.345556533	1
T2DM	mesenchymal_cell	<i>TULP4</i>	-0.001814872	0.021507172	0.290697023	1
T2DM	mesenchymal_cell	<i>MPC1</i>	-0.001791546	0.001499179	0.085148098	1
T2DM	mesenchymal_cell	<i>TMEM106B</i>	-0.001736639	0.000524856	0.050733401	1
T2DM	mesenchymal_cell	<i>EEPDI</i>	-0.010346471	0.015208557	0.240064188	1
T2DM	mesenchymal_cell	<i>LINC00957</i>	-0.015027061	0.014327131	0.235788764	1
T2DM	mesenchymal_cell	<i>CALN1</i>	-0.051542315	0.000998226	0.073222833	1

T2DM	mesenchymal_cell	<i>POM121</i>	-0.003361811	0.031893319	0.35092031	1
T2DM	mesenchymal_cell	<i>CLDN4</i>	-0.001004248	0.04249274	0.389820058	1
T2DM	mesenchymal_cell	<i>PON1</i>	-0.009455597	0.00189751	0.092189422	1
T2DM	mesenchymal_cell	<i>ASB4</i>	-0.016369719	0.002450264	0.109784932	1
T2DM	mesenchymal_cell	<i>SLC25A13</i>	-0.002919824	7.35E-05	0.015927576	0.275030578
T2DM	mesenchymal_cell	<i>MBLAC1</i>	-0.009550485	0.004109803	0.142837718	1
T2DM	mesenchymal_cell	<i>POLR2J2</i>	-0.004497995	0.044944755	0.393973742	1
T2DM	mesenchymal_cell	<i>NRCAM</i>	0.002422386	0.000797053	0.060306569	1
T2DM	mesenchymal_cell	<i>TES</i>	0.002842459	0.003325012	0.127982547	1
T2DM	mesenchymal_cell	<i>CADPS2</i>	-0.004139599	0.016759077	0.249783687	1
T2DM	mesenchymal_cell	<i>METTL2B</i>	-0.004348288	0.037917699	0.372310009	1
T2DM	mesenchymal_cell	<i>TMEM209</i>	-0.00319409	0.009791319	0.194805696	1
T2DM	mesenchymal_cell	<i>SLC37A3</i>	-0.002266037	0.047047741	0.404610571	1
T2DM	mesenchymal_cell	<i>ARHGEF35</i>	-0.002962188	0.049053825	0.417069001	1
T2DM	mesenchymal_cell	<i>ABCF2</i>	-0.00234889	0.010478244	0.196022716	1
T2DM	mesenchymal_cell	<i>LINC01003</i>	0.003049182	0.001735406	0.091438785	1
T2DM	mesenchymal_cell	<i>ESYT2</i>	-0.006764656	4.06E-05	0.011678483	0.151820285
T2DM	mesenchymal_cell	<i>MYOM2</i>	-0.015598841	0.000652521	0.051937918	1
T2DM	mesenchymal_cell	<i>NUDT18</i>	0.008243782	0.030914643	0.348290534	1
T2DM	mesenchymal_cell	<i>C8orf58</i>	-0.00497896	0.015490738	0.242472185	1
T2DM	mesenchymal_cell	<i>BIN3</i>	-0.003693998	0.000571179	0.050875755	1
T2DM	mesenchymal_cell	<i>LEPROTL1</i>	-0.002893967	0.045393995	0.396600593	1
T2DM	mesenchymal_cell	<i>ADAM9</i>	0.002713634	0.008691106	0.18098708	1
T2DM	mesenchymal_cell	<i>PREX2</i>	0.00627753	0.019648218	0.273138883	1
T2DM	mesenchymal_cell	<i>RMDN1</i>	-0.003718374	0.004123623	0.142837718	1
T2DM	mesenchymal_cell	<i>INTS8</i>	-0.00312617	0.023349051	0.303720085	1
T2DM	mesenchymal_cell	<i>SAMD12</i>	-0.004031528	0.006680034	0.173541713	1
T2DM	mesenchymal_cell	<i>EPPK1</i>	0.008191017	0.013518161	0.22779928	1
T2DM	mesenchymal_cell	<i>PLEC</i>	-0.004445137	0.031244793	0.348915728	1
T2DM	mesenchymal_cell	<i>PARP10</i>	-0.011099831	0.017918017	0.257812703	1
T2DM	mesenchymal_cell	<i>VPS28</i>	0.002003807	0.008369034	0.18098708	1
T2DM	mesenchymal_cell	<i>TONSL</i>	0.008940248	0.002776737	0.115419699	1
T2DM	mesenchymal_cell	<i>C8orf82</i>	-0.002563124	0.010452291	0.196022716	1
T2DM	mesenchymal_cell	<i>DOCK8</i>	-0.006694286	0.012029162	0.209307415	1
T2DM	mesenchymal_cell	<i>DMRTA1</i>	-0.008712396	0.036589577	0.366629078	1
T2DM	mesenchymal_cell	<i>SMU1</i>	0.003252738	0.038574549	0.374824382	1
T2DM	mesenchymal_cell	<i>ARHGEF39</i>	0.024256817	0.010162068	0.19509342	1
T2DM	mesenchymal_cell	<i>MAMDC2</i>	0.012762777	0.01624075	0.247986302	1
T2DM	mesenchymal_cell	<i>OSTF1</i>	-0.004409939	0.000560261	0.050875755	1
T2DM	mesenchymal_cell	<i>GNG10</i>	-0.000831841	0.044968401	0.393973742	1
T2DM	mesenchymal_cell	<i>ZNF883</i>	0.022772238	0.012369587	0.214234379	1
T2DM	mesenchymal_cell	<i>OLFML2A</i>	0.02232954	1.76E-08	3.29E-05	6.57E-05
T2DM	mesenchymal_cell	<i>ENDOG</i>	-0.00278371	0.006263297	0.165509895	1
T2DM	mesenchymal_cell	<i>DBH</i>	0.003493288	0.000207325	0.031024175	0.775604382
T2DM	mesenchymal_cell	<i>GTPBP4</i>	-0.001555592	0.001794935	0.092189422	1
T2DM	mesenchymal_cell	<i>AKR1C1</i>	-0.004386535	0.034257388	0.362914792	1
T2DM	mesenchymal_cell	<i>PRKCQ</i>	-0.017750692	0.011498522	0.20483795	1
T2DM	mesenchymal_cell	<i>MCM10</i>	0.013116642	0.010000977	0.194887253	1
T2DM	mesenchymal_cell	<i>MLLT10</i>	0.00509457	0.000152536	0.024810292	0.570636721
T2DM	mesenchymal_cell	<i>STOX1</i>	-0.019136217	6.89E-07	0.000644561	0.002578242
T2DM	mesenchymal_cell	<i>HKDC1</i>	0.017387001	0.013438597	0.22748322	1
T2DM	mesenchymal_cell	<i>SGPL1</i>	-0.002117941	0.00827832	0.18098708	1
T2DM	mesenchymal_cell	<i>PCBD1</i>	-0.002211823	0.008027573	0.18098708	1
T2DM	mesenchymal_cell	<i>LINC00865</i>	-0.00558581	0.009486135	0.189773435	1
T2DM	mesenchymal_cell	<i>SLC35G1</i>	-0.004806816	0.044821168	0.393973742	1
T2DM	mesenchymal_cell	<i>NOC3L</i>	-0.004605427	0.013177392	0.225098729	1

T2DM	mesenchymal_cell	<i>ENTPD7</i>	-0.00602942	0.031620912	0.348949359	1
T2DM	mesenchymal_cell	<i>SFXN3</i>	-0.006436372	0.00697846	0.176394722	1
T2DM	mesenchymal_cell	<i>BTRC</i>	-0.003527743	0.035117657	0.362914792	1
T2DM	mesenchymal_cell	<i>WBP1L</i>	-0.007127167	0.005936334	0.162389123	1
T2DM	mesenchymal_cell	<i>VWA2</i>	-0.010260241	0.004517216	0.14777032	1
T2DM	mesenchymal_cell	<i>AFAP1L2</i>	-0.032092924	0.000181159	0.028238136	0.677715257
T2DM	mesenchymal_cell	<i>TRUB1</i>	-0.003100533	0.048128246	0.410131591	1
T2DM	mesenchymal_cell	<i>BTBD16</i>	-0.030135866	0.031510758	0.348949359	1
T2DM	mesenchymal_cell	<i>PPP2R2D</i>	0.003136538	0.021531028	0.290697023	1
T2DM	mesenchymal_cell	<i>JAKMIP3</i>	-0.014351648	0.016187748	0.247986302	1
T2DM	mesenchymal_cell	<i>SPRN</i>	0.004994508	0.007804837	0.180233916	1
T2DM	mesenchymal_cell	<i>IFITM1</i>	-0.005450677	0.041369283	0.386906221	1
T2DM	mesenchymal_cell	<i>IFITM3</i>	0.000659743	0.037455056	0.370658241	1
T2DM	mesenchymal_cell	<i>CDHR5</i>	-0.002448305	0.04287645	0.389820058	1
T2DM	mesenchymal_cell	<i>TRPM5</i>	0.03293842	0.032353658	0.353840943	1
T2DM	mesenchymal_cell	<i>OR52N4</i>	0.029343664	0.015770327	0.245819971	1
T2DM	mesenchymal_cell	<i>ZNF143</i>	-0.005188357	0.024340182	0.311837748	1
T2DM	mesenchymal_cell	<i>SAAL1</i>	0.006747008	0.000447955	0.047880031	1
T2DM	mesenchymal_cell	<i>LDHC</i>	-0.026120569	0.005478297	0.156468126	1
T2DM	mesenchymal_cell	<i>IGSF22</i>	-0.004027986	8.44E-05	0.016567199	0.315746201
T2DM	mesenchymal_cell	<i>ACCS</i>	-0.012270043	0.001878566	0.092189422	1
T2DM	mesenchymal_cell	<i>CD82</i>	-0.00373961	0.042766186	0.389820058	1
T2DM	mesenchymal_cell	<i>BSCL2</i>	-0.003241335	0.001809108	0.092189422	1
T2DM	mesenchymal_cell	<i>FLRT1</i>	-0.011800924	0.007741643	0.179885005	1
T2DM	mesenchymal_cell	<i>LRP5</i>	-0.005963465	0.049570006	0.419550666	1
T2DM	mesenchymal_cell	<i>IGHMBP2</i>	-0.003456862	0.043278806	0.389820058	1
T2DM	mesenchymal_cell	<i>NADSYN1</i>	0.002421355	0.039966513	0.37707778	1
T2DM	mesenchymal_cell	<i>ALG8</i>	-0.007807768	7.15E-05	0.015927576	0.267512917
T2DM	mesenchymal_cell	<i>NARS2</i>	-0.00655371	0.000502936	0.050733401	1
T2DM	mesenchymal_cell	<i>CEP57</i>	0.001950695	0.02167989	0.290697023	1
T2DM	mesenchymal_cell	<i>CCDC82</i>	0.00152763	0.011324747	0.204666086	1
T2DM	mesenchymal_cell	<i>TRPC6</i>	0.014727548	0.016047034	0.247986302	1
T2DM	mesenchymal_cell	<i>MMP1</i>	-0.002476211	0.004629722	0.149308527	1
T2DM	mesenchymal_cell	<i>APOA5</i>	-0.022621931	0.016719531	0.249783687	1
T2DM	mesenchymal_cell	<i>TREH</i>	-0.011357248	0.007674663	0.179885005	1
T2DM	mesenchymal_cell	<i>ST3GAL4</i>	-0.004894952	0.000417201	0.047880031	1
T2DM	mesenchymal_cell	<i>GLB1L2</i>	-0.00780271	0.042025966	0.389820058	1
T2DM	mesenchymal_cell	<i>PEX5</i>	-0.004547497	0.003065544	0.123313997	1
T2DM	mesenchymal_cell	<i>TAS2R31</i>	0.006746587	0.016135945	0.247986302	1
T2DM	mesenchymal_cell	<i>IAPP</i>	-0.000308339	0.047001758	0.404610571	1
T2DM	mesenchymal_cell	<i>PYROXD1</i>	0.002590905	0.011978737	0.209307415	1
T2DM	mesenchymal_cell	<i>GYS2</i>	-0.045825061	0.005497276	0.156468126	1
T2DM	mesenchymal_cell	<i>C12orf71</i>	-0.017250824	0.019308022	0.271229595	1
T2DM	mesenchymal_cell	<i>ARID2</i>	-0.005110871	0.011736079	0.207097511	1
T2DM	mesenchymal_cell	<i>COX14</i>	0.001082807	0.035110572	0.362914792	1
T2DM	mesenchymal_cell	<i>ZNF740</i>	-0.007161431	0.038198553	0.374085831	1
T2DM	mesenchymal_cell	<i>GTSF1</i>	-0.027592355	0.029815452	0.344258043	1
T2DM	mesenchymal_cell	<i>ERBB3</i>	0.005179853	0.001502212	0.085148098	1
T2DM	mesenchymal_cell	<i>TMBIM4</i>	-0.001428673	0.003352657	0.127982547	1
T2DM	mesenchymal_cell	<i>MYRFL</i>	-0.027203725	0.044917285	0.393973742	1
T2DM	mesenchymal_cell	<i>LIN7A</i>	-0.020138509	0.008474321	0.18098708	1
T2DM	mesenchymal_cell	<i>APAF1</i>	-0.006923725	0.028896579	0.33994372	1
T2DM	mesenchymal_cell	<i>ASCL1</i>	-0.016892452	0.002619154	0.112623643	1
T2DM	mesenchymal_cell	<i>WSCD2</i>	0.008578759	0.036287811	0.366629078	1
T2DM	mesenchymal_cell	<i>CORO1C</i>	0.002914003	0.044361773	0.393973742	1
T2DM	mesenchymal_cell	<i>DTX1</i>	0.007292782	0.006264468	0.165509895	1

T2DM	mesenchymal_cell	<i>PRKAB1</i>	-0.004043904	0.027669674	0.334140166	1
T2DM	mesenchymal_cell	<i>ATP6V0A2</i>	-0.001506039	0.038491803	0.374824382	1
T2DM	mesenchymal_cell	<i>ANKLE2</i>	-0.001859325	0.033067232	0.357527503	1
T2DM	mesenchymal_cell	<i>MPHOSPH8</i>	-0.000844351	0.035750169	0.364695201	1
T2DM	mesenchymal_cell	<i>EBPL</i>	-0.002336982	0.007163515	0.178472376	1
T2DM	mesenchymal_cell	<i>KLF5</i>	-0.00461302	0.048018439	0.410131591	1
T2DM	mesenchymal_cell	<i>PROZ</i>	0.037037664	0.004310099	0.143397786	1
T2DM	mesenchymal_cell	<i>TEP1</i>	-0.010361786	0.002074768	0.099509076	1
T2DM	mesenchymal_cell	<i>PAX9</i>	0.229777304	2.39E-19	8.93E-16	8.93E-16
T2DM	mesenchymal_cell	<i>RPL36AL</i>	-0.000647835	0.029192755	0.340765422	1
T2DM	mesenchymal_cell	<i>BMP4</i>	-0.004724792	0.008813287	0.181356882	1
T2DM	mesenchymal_cell	<i>GCHI</i>	-0.003501439	0.012755851	0.218897421	1
T2DM	mesenchymal_cell	<i>JKAMP</i>	0.001891426	0.005522853	0.156468126	1
T2DM	mesenchymal_cell	<i>RHOJ</i>	-0.004147101	0.031414435	0.348949359	1
T2DM	mesenchymal_cell	<i>ATP6V1D</i>	0.002085026	0.003186606	0.12615042	1
T2DM	mesenchymal_cell	<i>ACOT2</i>	-0.011229756	0.043142028	0.389820058	1
T2DM	mesenchymal_cell	<i>LIN52</i>	-0.003413917	0.035284946	0.363456415	1
T2DM	mesenchymal_cell	<i>ZC2HC1C</i>	0.004632308	0.007045444	0.176892652	1
T2DM	mesenchymal_cell	<i>TMEM63C</i>	-0.016363454	0.003302148	0.127982547	1
T2DM	mesenchymal_cell	<i>TMED8</i>	-0.000798628	0.039892141	0.37707778	1
T2DM	mesenchymal_cell	<i>BTBD7</i>	-0.001825929	0.005136976	0.152519252	1
T2DM	mesenchymal_cell	<i>BEGAIN</i>	0.022132394	9.76E-06	0.003670575	0.036520222
T2DM	mesenchymal_cell	<i>BAG5</i>	-0.00212003	0.00064299	0.051937918	1
T2DM	mesenchymal_cell	<i>PPP1R13B</i>	0.006268734	0.001381632	0.082071794	1
T2DM	mesenchymal_cell	<i>ZBTB42</i>	-0.004869646	0.040459143	0.379342489	1
T2DM	mesenchymal_cell	<i>NIPA1</i>	-0.003897633	0.00856156	0.18098708	1
T2DM	mesenchymal_cell	<i>PWRN2</i>	-0.057927168	0.032269575	0.353840943	1
T2DM	mesenchymal_cell	<i>DISP2</i>	-0.009475195	0.006305722	0.165509895	1
T2DM	mesenchymal_cell	<i>BAHD1</i>	-0.003708461	0.03675111	0.366629078	1
T2DM	mesenchymal_cell	<i>CHP1</i>	-0.001856054	0.037231001	0.369446084	1
T2DM	mesenchymal_cell	<i>OIP5</i>	-0.02087627	0.007552508	0.179885005	1
T2DM	mesenchymal_cell	<i>NDUFAF1</i>	-0.003551983	0.039349245	0.37707778	1
T2DM	mesenchymal_cell	<i>RPAP1</i>	0.00661367	0.010385818	0.196022716	1
T2DM	mesenchymal_cell	<i>ATP8B4</i>	0.017636685	0.020129809	0.277475125	1
T2DM	mesenchymal_cell	<i>TPM1</i>	0.000575017	0.029282893	0.340765422	1
T2DM	mesenchymal_cell	<i>SPG21</i>	-0.001462503	0.037650396	0.370658241	1
T2DM	mesenchymal_cell	<i>IQCH-AS1</i>	0.006171258	0.040116802	0.37707778	1
T2DM	mesenchymal_cell	<i>CELF6</i>	-0.004064924	0.001846318	0.092189422	1
T2DM	mesenchymal_cell	<i>RPP25</i>	0.002546384	0.030297859	0.345561861	1
T2DM	mesenchymal_cell	<i>MAN2C1</i>	0.002419474	0.006879396	0.175073602	1
T2DM	mesenchymal_cell	<i>IMP3</i>	-0.002268969	0.008897538	0.181889013	1
T2DM	mesenchymal_cell	<i>PEAK1</i>	0.005036665	0.004760276	0.150650036	1
T2DM	mesenchymal_cell	<i>PSMA4</i>	-0.001188467	0.017015105	0.251594896	1
T2DM	mesenchymal_cell	<i>RCCD1</i>	-0.006216322	0.026298048	0.329519227	1
T2DM	mesenchymal_cell	<i>SYNM</i>	-0.004191776	0.027629967	0.334140166	1
T2DM	mesenchymal_cell	<i>PCSK6</i>	0.00558083	0.030502628	0.346839918	1
T2DM	mesenchymal_cell	<i>NPRL3</i>	-0.005369904	0.000128664	0.021878782	0.481333196
T2DM	mesenchymal_cell	<i>NME3</i>	0.001578928	0.048033707	0.410131591	1
T2DM	mesenchymal_cell	<i>RPL3L</i>	-0.034043912	0.011847964	0.208090304	1
T2DM	mesenchymal_cell	<i>RPS2</i>	-0.000148314	0.019456943	0.271598593	1
T2DM	mesenchymal_cell	<i>BRICD5</i>	0.020837632	0.044757006	0.393973742	1
T2DM	mesenchymal_cell	<i>FLYWCHI</i>	0.00708485	9.96E-05	0.017741885	0.372579588
T2DM	mesenchymal_cell	<i>CLUAP1</i>	-0.007738235	4.95E-05	0.012460303	0.185212723
T2DM	mesenchymal_cell	<i>PLA2G10</i>	-0.014635761	0.004190082	0.143397786	1
T2DM	mesenchymal_cell	<i>RRN3</i>	-0.002756186	0.033876068	0.362055525	1
T2DM	mesenchymal_cell	<i>PRSS53</i>	-0.022369286	0.039068754	0.37707778	1

T2DM	mesenchymal_cell	<i>USB1</i>	-0.003028249	0.036137783	0.366629078	1
T2DM	mesenchymal_cell	<i>PRMT7</i>	-0.005385869	0.016236273	0.247986302	1
T2DM	mesenchymal_cell	<i>MPHOSPH6</i>	-0.00224939	0.003671511	0.135991323	1
T2DM	mesenchymal_cell	<i>OSGIN1</i>	-0.002890373	0.005016736	0.152519252	1
T2DM	mesenchymal_cell	<i>FANCA</i>	0.008121203	0.022734825	0.301599222	1
T2DM	mesenchymal_cell	<i>C17orf97</i>	-0.00531398	0.001194584	0.081253443	1
T2DM	mesenchymal_cell	<i>SERPINF2</i>	0.005634033	0.026336875	0.329519227	1
T2DM	mesenchymal_cell	<i>PLD2</i>	-0.015038466	0.005833863	0.161662838	1
T2DM	mesenchymal_cell	<i>USP6</i>	-0.033470354	0.034437767	0.362914792	1
T2DM	mesenchymal_cell	<i>KIAA0753</i>	-0.006361986	0.007532077	0.179885005	1
T2DM	mesenchymal_cell	<i>CDRT15</i>	-0.033461834	0.013710576	0.230005673	1
T2DM	mesenchymal_cell	<i>VTN</i>	0.001863922	4.20E-06	0.003143995	0.015719973
T2DM	mesenchymal_cell	<i>MYO18A</i>	-0.004217227	0.010085245	0.19509342	1
T2DM	mesenchymal_cell	<i>LIG3</i>	-0.004572327	0.005562753	0.156468126	1
T2DM	mesenchymal_cell	<i>CWC25</i>	0.00183679	0.005990296	0.162389123	1
T2DM	mesenchymal_cell	<i>GSDMA</i>	-0.047264119	0.04188075	0.389741013	1
T2DM	mesenchymal_cell	<i>DCAKD</i>	-0.004240406	0.010002233	0.194887253	1
T2DM	mesenchymal_cell	<i>NMT1</i>	0.001662117	0.001305092	0.082064607	1
T2DM	mesenchymal_cell	<i>NPEPPS</i>	-0.001127129	0.030142423	0.345556533	1
T2DM	mesenchymal_cell	<i>CA4</i>	0.001929509	0.039454204	0.37707778	1
T2DM	mesenchymal_cell	<i>HELZ</i>	-0.001206627	0.018042157	0.258604254	1
T2DM	mesenchymal_cell	<i>RNF157</i>	-0.00372401	0.027437869	0.334140166	1
T2DM	mesenchymal_cell	<i>MXRA7</i>	-0.001358927	0.014545124	0.235788764	1
T2DM	mesenchymal_cell	<i>USP36</i>	-0.003062585	0.000422652	0.047880031	1
T2DM	mesenchymal_cell	<i>EIF4A3</i>	0.003433632	0.004237347	0.143397786	1
T2DM	mesenchymal_cell	<i>SPIRE1</i>	-0.002249567	0.020230382	0.277475125	1
T2DM	mesenchymal_cell	<i>MAPRE2</i>	-0.004430084	0.011268923	0.204645828	1
T2DM	mesenchymal_cell	<i>SLC14A1</i>	-0.007454593	0.049986802	0.420552804	1
T2DM	mesenchymal_cell	<i>TIMM13</i>	-0.000797562	0.039982533	0.37707778	1
T2DM	mesenchymal_cell	<i>MRPL54</i>	-0.002426208	1.69E-05	0.005756167	0.063317832
T2DM	mesenchymal_cell	<i>CLPP</i>	-0.003306533	0.026616698	0.330807534	1
T2DM	mesenchymal_cell	<i>TNFSF14</i>	-0.046467184	0.023300269	0.303720085	1
T2DM	mesenchymal_cell	<i>SH2D3A</i>	-0.006096284	0.028015325	0.335914521	1
T2DM	mesenchymal_cell	<i>RGL3</i>	0.004228225	0.001529312	0.085390364	1
T2DM	mesenchymal_cell	<i>FARSA</i>	0.003042788	0.017315562	0.252176149	1
T2DM	mesenchymal_cell	<i>MRII</i>	-0.007852965	0.010694848	0.199051869	1
T2DM	mesenchymal_cell	<i>GTPBP3</i>	-0.006745836	0.04657798	0.403792926	1
T2DM	mesenchymal_cell	<i>CCDC124</i>	-0.001882307	0.009034771	0.183690638	1
T2DM	mesenchymal_cell	<i>UBA52</i>	-0.000422333	0.02567976	0.323461225	1
T2DM	mesenchymal_cell	<i>ZNF98</i>	-0.01044085	0.028610176	0.337636181	1
T2DM	mesenchymal_cell	<i>ZNF681</i>	-0.005543849	0.004076995	0.142837718	1
T2DM	mesenchymal_cell	<i>ZNF507</i>	0.001376384	0.042796334	0.389820058	1
T2DM	mesenchymal_cell	<i>GPATCH1</i>	-0.004646022	0.043294122	0.389820058	1
T2DM	mesenchymal_cell	<i>ETV2</i>	-0.016303891	0.019240108	0.271229595	1
T2DM	mesenchymal_cell	<i>ZNF527</i>	-0.011768246	0.027688707	0.334140166	1
T2DM	mesenchymal_cell	<i>NUMBL</i>	-0.001938553	0.023530617	0.303720085	1
T2DM	mesenchymal_cell	<i>C19orf54</i>	0.017552409	0.042716704	0.389820058	1
T2DM	mesenchymal_cell	<i>PSG4</i>	-0.01505382	0.016629313	0.249783687	1
T2DM	mesenchymal_cell	<i>ZNF233</i>	-0.021232869	0.002888512	0.117455708	1
T2DM	mesenchymal_cell	<i>CEACAM19</i>	0.005814315	0.006203756	0.165509895	1
T2DM	mesenchymal_cell	<i>PPP1R13L</i>	0.006378581	0.008823029	0.181356882	1
T2DM	mesenchymal_cell	<i>CARD8</i>	-0.005402556	0.034703488	0.362914792	1
T2DM	mesenchymal_cell	<i>PRMT1</i>	-0.00159305	0.03344775	0.359238313	1
T2DM	mesenchymal_cell	<i>NUP62</i>	0.002928674	0.023528333	0.303720085	1
T2DM	mesenchymal_cell	<i>ZNF880</i>	0.003237106	0.00133609	0.082064607	1
T2DM	mesenchymal_cell	<i>ZNF415</i>	-0.005572037	0.024747658	0.315976069	1

T2DM	mesenchymal_cell	<i>DNAAF3</i>	0.005634832	0.047743812	0.409655047	1
T2DM	mesenchymal_cell	<i>SSC5D</i>	-0.006359618	0.028440912	0.336706267	1
T2DM	mesenchymal_cell	<i>ZNF749</i>	-0.003610767	0.036510325	0.366629078	1
T2DM	mesenchymal_cell	<i>ZNF329</i>	-0.003298845	0.029330785	0.340765422	1
T2DM	mesenchymal_cell	<i>RBCK1</i>	-0.001951566	0.030741768	0.347712497	1
T2DM	mesenchymal_cell	<i>SLC52A3</i>	-0.032111412	0.009893901	0.194805696	1
T2DM	mesenchymal_cell	<i>PYGB</i>	-0.004141919	0.015468202	0.242472185	1
T2DM	mesenchymal_cell	<i>FAM182B</i>	-0.035554354	0.036690437	0.366629078	1
T2DM	mesenchymal_cell	<i>MROH8</i>	-0.005151988	0.044718407	0.393973742	1
T2DM	mesenchymal_cell	<i>VSTM2L</i>	-0.001474683	0.005031383	0.152519252	1
T2DM	mesenchymal_cell	<i>MATN4</i>	0.013203344	0.01337497	0.227435292	1
T2DM	mesenchymal_cell	<i>CSE1L</i>	0.003556286	0.000323222	0.041695695	1
T2DM	mesenchymal_cell	<i>PCMTD2</i>	-0.002622394	0.001493685	0.085148098	1
T2DM	mesenchymal_cell	<i>RBM11</i>	-0.004062202	0.043452276	0.389820058	1
T2DM	mesenchymal_cell	<i>ADAMTS5</i>	-0.007412797	0.014557038	0.235788764	1
T2DM	mesenchymal_cell	<i>CCT8</i>	-0.001712184	0.018763078	0.26588135	1
T2DM	mesenchymal_cell	<i>TMEM50B</i>	-0.00162895	0.038946848	0.37707778	1
T2DM	mesenchymal_cell	<i>BRWD1</i>	-0.001097804	0.036427883	0.366629078	1
T2DM	mesenchymal_cell	<i>HMGNI</i>	-0.000597078	0.014507019	0.235788764	1
T2DM	mesenchymal_cell	<i>MX2</i>	0.037491056	0.002465099	0.109784932	1
T2DM	mesenchymal_cell	<i>CBS</i>	-0.028238607	0.043896451	0.392862733	1
T2DM	mesenchymal_cell	<i>PWP2</i>	-0.035996417	0.001072623	0.077166977	1
T2DM	mesenchymal_cell	<i>PCBP3</i>	0.004110083	0.027171584	0.334140166	1
T2DM	mesenchymal_cell	<i>FTCD</i>	-0.011220913	0.028427578	0.336706267	1
T2DM	mesenchymal_cell	<i>DDTL</i>	0.020986132	0.015098548	0.240064188	1
T2DM	mesenchymal_cell	<i>DDT</i>	0.002057414	0.009479929	0.189773435	1
T2DM	mesenchymal_cell	<i>SPECC1L</i>	-0.003830737	0.023518832	0.303720085	1
T2DM	mesenchymal_cell	<i>KREMEN1</i>	0.004194379	0.010862562	0.201172505	1
T2DM	mesenchymal_cell	<i>PES1</i>	0.002940114	0.03983996	0.37707778	1
T2DM	mesenchymal_cell	<i>TCN2</i>	-0.00500212	0.001629795	0.087100915	1
T2DM	mesenchymal_cell	<i>DRG1</i>	-0.003861472	0.027925142	0.335909827	1
T2DM	mesenchymal_cell	<i>APOL4</i>	-0.01779784	0.004331449	0.143397786	1
T2DM	mesenchymal_cell	<i>FAM227A</i>	-0.008253896	0.014635463	0.235788764	1
T2DM	mesenchymal_cell	<i>CBY1</i>	-0.002350836	0.017671398	0.256235276	1
T2DM	mesenchymal_cell	<i>SYNGR1</i>	-0.005176425	0.014192134	0.235788764	1
T2DM	mesenchymal_cell	<i>MIOX</i>	0.011489471	0.045480261	0.396600593	1
T2DM	PP_cell	<i>NOC2L</i>	0.001596979	0.031480104	0.253262518	1
T2DM	PP_cell	<i>C1orf174</i>	-0.003426342	0.046774933	0.289710305	1
T2DM	PP_cell	<i>AGTRAP</i>	-0.004113786	0.000293581	0.018332125	1
T2DM	PP_cell	<i>AGMAT</i>	-0.005264042	0.033266835	0.258734366	1
T2DM	PP_cell	<i>CLCNKB</i>	-0.034253845	0.028433681	0.239735294	1
T2DM	PP_cell	<i>OTUD3</i>	-0.003657684	0.016859842	0.18997792	1
T2DM	PP_cell	<i>CIQC</i>	-0.001653237	0.045802565	0.2871533	1
T2DM	PP_cell	<i>FUCA1</i>	-0.002910647	0.041213524	0.278780582	1
T2DM	PP_cell	<i>LDLRAP1</i>	-0.003531864	3.67E-05	0.006334094	0.137326311
T2DM	PP_cell	<i>SMPDL3B</i>	-0.010084437	0.004579035	0.094121815	1
T2DM	PP_cell	<i>RAB42</i>	0.012461316	0.035003452	0.266154296	1
T2DM	PP_cell	<i>A3GALT2</i>	-0.039940097	0.020444533	0.207491972	1
T2DM	PP_cell	<i>C1orf109</i>	-0.00320256	0.002631778	0.07239324	1
T2DM	PP_cell	<i>PPIE</i>	-0.003788172	0.028113562	0.239735294	1
T2DM	PP_cell	<i>BMP8B</i>	-0.006394912	0.024300345	0.225416419	1
T2DM	PP_cell	<i>TRIT1</i>	-0.009256388	0.000650921	0.030062887	1
T2DM	PP_cell	<i>PRPF38A</i>	-0.001410698	0.022797593	0.221345069	1
T2DM	PP_cell	<i>TTLL7</i>	-0.002707772	0.035468	0.267114852	1
T2DM	PP_cell	<i>RBMXL1</i>	-0.004011736	0.015332648	0.183969985	1
T2DM	PP_cell	<i>TRMT13</i>	-0.004508289	0.004546573	0.09397089	1

T2DM	PP_cell	<i>RTCA</i>	-0.001904289	0.04292025	0.281564917	1
T2DM	PP_cell	<i>GPR88</i>	-0.040519188	0.043892997	0.28320461	1
T2DM	PP_cell	<i>NTNG1</i>	0.015743215	0.010976119	0.151372541	1
T2DM	PP_cell	<i>MTMR11</i>	-0.012448285	0.005813989	0.105583162	1
T2DM	PP_cell	<i>SH2D2A</i>	0.021387552	0.011021334	0.151372541	1
T2DM	PP_cell	<i>VSIG8</i>	-0.013244733	0.04345989	0.282753826	1
T2DM	PP_cell	<i>ALDH9A1</i>	-0.003418831	0.000503475	0.025452723	1
T2DM	PP_cell	<i>NME7</i>	-0.004645955	0.004190969	0.090105838	1
T2DM	PP_cell	<i>CCDC181</i>	-0.005538427	0.001285749	0.046249885	1
T2DM	PP_cell	<i>METTL18</i>	-0.008186439	0.006255031	0.108333664	1
T2DM	PP_cell	<i>GORAB</i>	0.003648405	0.01022426	0.147196346	1
T2DM	PP_cell	<i>RABGAP1L</i>	-0.00198674	0.003546621	0.083160567	1
T2DM	PP_cell	<i>TMEM9</i>	-0.002195294	0.032296653	0.255098669	1
T2DM	PP_cell	<i>ARL8A</i>	-0.001887633	0.015186069	0.183845137	1
T2DM	PP_cell	<i>NUAK2</i>	-0.009990844	0.013840162	0.173164032	1
T2DM	PP_cell	<i>C4BPB</i>	-0.028106289	0.01311173	0.168919148	1
T2DM	PP_cell	<i>C4BPA</i>	-0.012179428	0.012112135	0.160111299	1
T2DM	PP_cell	<i>NSL1</i>	-0.001962698	0.037302684	0.27044446	1
T2DM	PP_cell	<i>LEFTY1</i>	-0.016311128	0.007233686	0.118171268	1
T2DM	PP_cell	<i>PYCR2</i>	-0.006854207	0.008879413	0.13503205	1
T2DM	PP_cell	<i>TMEM18</i>	-0.001954446	0.003976745	0.088504199	1
T2DM	PP_cell	<i>NCOA1</i>	-0.001808077	0.036464648	0.268135147	1
T2DM	PP_cell	<i>POMC</i>	-0.002367561	0.025665744	0.229789838	1
T2DM	PP_cell	<i>CAD</i>	-0.005137807	0.031672813	0.253800242	1
T2DM	PP_cell	<i>CEBPZ</i>	0.001903686	0.00124967	0.045833482	1
T2DM	PP_cell	<i>NDUFAF7</i>	-0.004871496	1.50E-05	0.004015916	0.056222828
T2DM	PP_cell	<i>MDH1</i>	-0.001658298	0.001601963	0.052112562	1
T2DM	PP_cell	<i>PPP3R1</i>	-0.001499116	0.006369226	0.109299421	1
T2DM	PP_cell	<i>FIGLA</i>	0.042829369	0.004652992	0.094602402	1
T2DM	PP_cell	<i>CLEC4F</i>	-0.041061161	0.000263597	0.017929377	0.986115732
T2DM	PP_cell	<i>PAIP2B</i>	-0.002618024	0.037867375	0.271641948	1
T2DM	PP_cell	<i>INO80B</i>	-0.006201835	0.044450301	0.283596139	1
T2DM	PP_cell	<i>HTRA2</i>	-0.002843941	0.022838598	0.221345069	1
T2DM	PP_cell	<i>SEMA4F</i>	-0.012579047	0.024282123	0.225416419	1
T2DM	PP_cell	<i>CAPG</i>	-0.00538003	0.002292182	0.066473288	1
T2DM	PP_cell	<i>GNLY</i>	0.004259539	0.001689043	0.054471651	1
T2DM	PP_cell	<i>CHMP3</i>	0.001308929	0.043773553	0.28320461	1
T2DM	PP_cell	<i>PLGLB1</i>	-0.027616744	0.044756357	0.283596139	1
T2DM	PP_cell	<i>THNSL2</i>	-0.004756741	0.003148734	0.079590642	1
T2DM	PP_cell	<i>RPIA</i>	0.005132624	4.38E-06	0.001820954	0.016388586
T2DM	PP_cell	<i>ILIR2</i>	-0.004280578	0.030011998	0.247847429	1
T2DM	PP_cell	<i>IL18R1</i>	-0.008632116	0.024765267	0.226186923	1
T2DM	PP_cell	<i>LIMS3</i>	-0.044906511	2.82E-05	0.005870601	0.105670822
T2DM	PP_cell	<i>MERTK</i>	-0.005883002	0.006590174	0.112574617	1
T2DM	PP_cell	<i>POLR1B</i>	0.003317558	0.03601074	0.268135147	1
T2DM	PP_cell	<i>PSD4</i>	0.006059529	0.028037868	0.239735294	1
T2DM	PP_cell	<i>PAX8</i>	-0.01766193	0.018540948	0.198176245	1
T2DM	PP_cell	<i>SLC35F5</i>	-0.003792327	0.004127931	0.090105838	1
T2DM	PP_cell	<i>DBI</i>	-0.001440474	0.013139661	0.168919148	1
T2DM	PP_cell	<i>CCNT2</i>	-0.003323936	0.009075776	0.136025908	1
T2DM	PP_cell	<i>TANC1</i>	-0.005058181	0.021455383	0.21234018	1
T2DM	PP_cell	<i>LY75</i>	-0.017098506	4.78E-08	7.22E-05	0.000178804
T2DM	PP_cell	<i>DPP4</i>	-0.006627257	0.003630187	0.083830441	1
T2DM	PP_cell	<i>CERS6</i>	-0.002996928	0.009048106	0.136025908	1
T2DM	PP_cell	<i>SPC25</i>	-0.006286573	0.007181028	0.118114339	1
T2DM	PP_cell	<i>FASTKD1</i>	-0.004592444	0.02141581	0.21234018	1

T2DM	PP_cell	<i>CWC22</i>	-0.002589627	0.00096696	0.0394276	1
T2DM	PP_cell	<i>ORMDL1</i>	-0.001550965	0.024330415	0.225416419	1
T2DM	PP_cell	<i>DNAH7</i>	-0.007087989	0.000169855	0.014233048	0.635429115
T2DM	PP_cell	<i>METTL21A</i>	-0.002087566	0.028731903	0.241000113	1
T2DM	PP_cell	<i>PID1</i>	-0.003800617	0.019176628	0.199185734	1
T2DM	PP_cell	<i>AQP12B</i>	-0.030138619	0.039551317	0.277170216	1
T2DM	PP_cell	<i>LRRN1</i>	-0.020788091	0.001217831	0.045833482	1
T2DM	PP_cell	<i>CRELD1</i>	0.003035729	0.024906368	0.226702491	1
T2DM	PP_cell	<i>SLC6A11</i>	-0.036512816	0.00298568	0.078288443	1
T2DM	PP_cell	<i>PPARG</i>	-0.01055472	0.00836615	0.130407356	1
T2DM	PP_cell	<i>HDAC11</i>	-0.007295776	0.02274467	0.221345069	1
T2DM	PP_cell	<i>GPD1L</i>	-0.009707616	0.015626341	0.184994124	1
T2DM	PP_cell	<i>ULK4</i>	-0.005231375	0.020577258	0.207491972	1
T2DM	PP_cell	<i>LTF</i>	-0.013696985	0.007352039	0.11958251	1
T2DM	PP_cell	<i>CDC25A</i>	-0.046601493	1.02E-05	0.002947226	0.038313941
T2DM	PP_cell	<i>ZNF589</i>	-0.008930786	0.000138651	0.012651014	0.518691577
T2DM	PP_cell	<i>NCKIPSD</i>	-0.006171115	0.003043357	0.078884824	1
T2DM	PP_cell	<i>ARIH2</i>	-0.002337365	0.003281815	0.080921734	1
T2DM	PP_cell	<i>P4HTM</i>	-0.001584959	0.005298529	0.099897439	1
T2DM	PP_cell	<i>QRICH1</i>	0.002109998	0.006163836	0.108333664	1
T2DM	PP_cell	<i>AMT</i>	-0.009262594	0.001591031	0.052112562	1
T2DM	PP_cell	<i>UBA7</i>	-0.016956203	0.037451124	0.270814646	1
T2DM	PP_cell	<i>DOCK3</i>	-0.006424137	5.42E-05	0.006565923	0.202825989
T2DM	PP_cell	<i>TEX264</i>	-0.002187542	5.85E-05	0.006634329	0.218932844
T2DM	PP_cell	<i>TWF2</i>	-0.004873661	0.040634124	0.278780582	1
T2DM	PP_cell	<i>PPM1M</i>	-0.014575903	0.025151454	0.227824671	1
T2DM	PP_cell	<i>NT5DC2</i>	0.00208428	0.040363858	0.278599988	1
T2DM	PP_cell	<i>PRICKLE2</i>	-0.004114896	0.039177649	0.276535069	1
T2DM	PP_cell	<i>MAGI1</i>	-0.003416876	0.025133079	0.227824671	1
T2DM	PP_cell	<i>ARL6IP5</i>	-0.001471552	6.52E-06	0.002218606	0.024404669
T2DM	PP_cell	<i>GUCA1C</i>	-0.04618522	0.00032413	0.018493116	1
T2DM	PP_cell	<i>ABHD10</i>	-0.003140924	0.02686112	0.236653112	1
T2DM	PP_cell	<i>TAGLN3</i>	-0.00369375	0.042170927	0.279718858	1
T2DM	PP_cell	<i>ATP6V1A</i>	-0.00339574	0.003591801	0.083459171	1
T2DM	PP_cell	<i>POGLUT1</i>	0.008603946	0.004472189	0.093749333	1
T2DM	PP_cell	<i>SLC12A8</i>	-0.014080412	5.20E-05	0.006565923	0.194609506
T2DM	PP_cell	<i>TPRA1</i>	-0.002431167	0.033999122	0.260636715	1
T2DM	PP_cell	<i>RPN1</i>	-0.002321289	0.017999395	0.194611953	1
T2DM	PP_cell	<i>PIK3R4</i>	-0.005752559	0.01438667	0.176460762	1
T2DM	PP_cell	<i>NMNAT3</i>	-0.005021134	0.000631972	0.029552573	1
T2DM	PP_cell	<i>TM4SF4</i>	-0.00068155	0.016332686	0.187139935	1
T2DM	PP_cell	<i>COMMD2</i>	-0.002763652	0.010753619	0.151372541	1
T2DM	PP_cell	<i>P2RY12</i>	-0.042905652	0.030668322	0.250554732	1
T2DM	PP_cell	<i>DHX36</i>	-0.000791966	0.017297372	0.19207522	1
T2DM	PP_cell	<i>LXN</i>	-0.002981828	0.003231008	0.080581348	1
T2DM	PP_cell	<i>NCEH1</i>	-0.003248167	0.007967263	0.126832045	1
T2DM	PP_cell	<i>MRPL47</i>	-0.000995936	0.015926833	0.186194635	1
T2DM	PP_cell	<i>RFC4</i>	-0.007172699	0.0257506	0.229789838	1
T2DM	PP_cell	<i>GMNC</i>	-0.031384383	0.000969618	0.0394276	1
T2DM	PP_cell	<i>LSG1</i>	-0.007579676	5.79E-08	7.22E-05	0.000216454
T2DM	PP_cell	<i>MUC20</i>	-0.002358788	0.027710072	0.239735294	1
T2DM	PP_cell	<i>MUC4</i>	0.022992444	0.047913118	0.293840939	1
T2DM	PP_cell	<i>DGKQ</i>	-0.006789601	0.006988258	0.115677317	1
T2DM	PP_cell	<i>FGFRL1</i>	-0.013751271	0.000851626	0.036203794	1
T2DM	PP_cell	<i>FAM53A</i>	-0.016384192	0.003466422	0.082739079	1
T2DM	PP_cell	<i>TACC3</i>	-0.013682518	0.008845481	0.13503205	1

T2DM	PP_cell	ZFYVE28	0.019870419	5.50E-05	0.006565923	0.205911844
T2DM	PP_cell	DOK7	-0.022666549	3.82E-05	0.006334094	0.14292664
T2DM	PP_cell	ZBTB49	-0.009858052	0.036735803	0.269351639	1
T2DM	PP_cell	DCAF16	-0.002301594	4.86E-05	0.006565923	0.181710751
T2DM	PP_cell	NSUN7	-0.005594836	0.005142829	0.099380435	1
T2DM	PP_cell	NFXL1	-0.00844373	0.004915352	0.097292763	1
T2DM	PP_cell	TMEM165	-0.001127519	0.031682628	0.253800242	1
T2DM	PP_cell	AASDH	-0.003936526	0.011020188	0.151372541	1
T2DM	PP_cell	MAPK10	-0.002673221	0.041629773	0.279374059	1
T2DM	PP_cell	PPA2	-0.00307183	0.002820823	0.075376409	1
T2DM	PP_cell	PRDM5	0.005628359	0.011401584	0.154541036	1
T2DM	PP_cell	C4orf33	-0.007656871	0.024398078	0.225416419	1
T2DM	PP_cell	RNF175	-0.014511669	0.021277463	0.211699434	1
T2DM	PP_cell	PPID	-0.002919847	0.032096327	0.254930703	1
T2DM	PP_cell	NEK1	-0.010371785	7.18E-05	0.007465579	0.268760839
T2DM	PP_cell	SAP30	-0.001914425	0.046709716	0.289710305	1
T2DM	PP_cell	ING2	-0.00255187	0.044570081	0.283596139	1
T2DM	PP_cell	CENPU	-0.00630905	0.007890269	0.12668453	1
T2DM	PP_cell	KLKB1	-0.009882005	0.017791587	0.193483512	1
T2DM	PP_cell	ZDHHC11B	-0.021886569	0.00515365	0.099380435	1
T2DM	PP_cell	MRPL36	0.000868948	0.041990083	0.279718858	1
T2DM	PP_cell	NSUN2	-0.003914594	0.03548679	0.267114852	1
T2DM	PP_cell	SEMA5A	-0.004798718	0.013518109	0.170848805	1
T2DM	PP_cell	DROSHA	-0.016628144	6.91E-07	0.000626137	0.002585568
T2DM	PP_cell	GOLPH3	0.001532398	0.014690486	0.179114082	1
T2DM	PP_cell	AMACR	-0.002025191	0.017456716	0.19207522	1
T2DM	PP_cell	CCDC152	-0.00608577	0.000792811	0.034487297	1
T2DM	PP_cell	ARHGEF28	-0.004327196	0.003517586	0.083160567	1
T2DM	PP_cell	NSA2	-0.000748652	0.006242016	0.108333664	1
T2DM	PP_cell	POLK	-0.00163945	0.003078638	0.078884824	1
T2DM	PP_cell	PDE8B	-0.003313109	0.005280115	0.099897439	1
T2DM	PP_cell	STARD4	-0.003882945	0.023132142	0.221975531	1
T2DM	PP_cell	DCP2	-0.005428022	0.000216705	0.015691523	0.810692307
T2DM	PP_cell	DTWD2	-0.008865016	0.010761349	0.151372541	1
T2DM	PP_cell	HSD17B4	-0.003069223	0.045662914	0.2871533	1
T2DM	PP_cell	HINT1	0.000344615	0.003962201	0.088504199	1
T2DM	PP_cell	P4HA2	-0.002999162	0.018815489	0.199185734	1
T2DM	PP_cell	SIL1	-0.001958657	0.049143868	0.297487395	1
T2DM	PP_cell	SLC23A1	-0.024576172	0.01377211	0.17293984	1
T2DM	PP_cell	PCDHA1	-0.012463289	4.06E-05	0.006334094	0.152018265
T2DM	PP_cell	PCDHA2	-0.059899028	0.000105727	0.010408554	0.395525044
T2DM	PP_cell	PCDHA3	-0.025762051	0.000527155	0.025948504	1
T2DM	PP_cell	PCDHA4	-0.027147749	2.10E-06	0.001122513	0.007857593
T2DM	PP_cell	PCDHA5	-0.027223115	1.95E-05	0.004372989	0.072762522
T2DM	PP_cell	PCDHA10	-0.006128155	0.049103494	0.297487395	1
T2DM	PP_cell	PCDHA13	-0.024635666	0.000437496	0.022731543	1
T2DM	PP_cell	PCDHB8	-0.024050886	0.01011008	0.146596164	1
T2DM	PP_cell	GM2A	-0.00520177	0.038128003	0.272412362	1
T2DM	PP_cell	SLU7	0.000844533	0.030741679	0.250554732	1
T2DM	PP_cell	STC2	-0.005100868	0.024524053	0.225416419	1
T2DM	PP_cell	MXD3	-0.012274905	0.000179311	0.014307512	0.670802121
T2DM	PP_cell	ZNF879	-0.006605617	0.048154643	0.294535799	1
T2DM	PP_cell	SIRT5	-0.009078824	0.030885544	0.251180042	1
T2DM	PP_cell	ATXN1	-0.002221338	0.007755597	0.125059008	1
T2DM	PP_cell	KIAA0319	-0.006613151	0.04452552	0.283596139	1
T2DM	PP_cell	ZNF165	0.005561913	0.019138171	0.199185734	1

T2DM	PP_cell	<i>TRIM31</i>	-0.036220789	0.015343126	0.183969985	1
T2DM	PP_cell	<i>TRIM26</i>	-0.005875988	0.020880992	0.208865756	1
T2DM	PP_cell	<i>PSORS1C1</i>	-0.028622645	0.000218113	0.015691523	0.815959203
T2DM	PP_cell	<i>CCHCR1</i>	0.008963073	0.026756596	0.236653112	1
T2DM	PP_cell	<i>VWA7</i>	-0.018097399	0.028056995	0.239735294	1
T2DM	PP_cell	<i>SLC44A4</i>	-0.01055734	0.000549122	0.026678791	1
T2DM	PP_cell	<i>C4A</i>	-0.049598186	0.005420791	0.099897439	1
T2DM	PP_cell	<i>PPT2</i>	0.008827631	0.023308968	0.223014956	1
T2DM	PP_cell	<i>RNF5</i>	-0.003426288	0.01893208	0.199185734	1
T2DM	PP_cell	<i>NOTCH4</i>	-0.011936448	5.62E-05	0.006565923	0.210109547
T2DM	PP_cell	<i>HLA-DRB5</i>	-0.002577457	0.043907692	0.28320461	1
T2DM	PP_cell	<i>ITPR3</i>	-0.004779925	0.042112581	0.279718858	1
T2DM	PP_cell	<i>LHFPL5</i>	-0.010252706	0.005391535	0.099897439	1
T2DM	PP_cell	<i>KCNK17</i>	0.005319693	0.048658475	0.296468007	1
T2DM	PP_cell	<i>UNC5CL</i>	-0.004993448	0.017902527	0.194125663	1
T2DM	PP_cell	<i>NFYA</i>	-0.009238643	7.43E-06	0.002314937	0.027779239
T2DM	PP_cell	<i>TFEB</i>	-0.006086047	0.014219595	0.175812967	1
T2DM	PP_cell	<i>ENPP5</i>	-0.003807034	0.040841443	0.278780582	1
T2DM	PP_cell	<i>TDRD6</i>	-0.00872353	0.003936632	0.088504199	1
T2DM	PP_cell	<i>CRISP2</i>	-0.041282994	0.015234427	0.183845137	1
T2DM	PP_cell	<i>EFHC1</i>	0.001510104	0.015061541	0.182939039	1
T2DM	PP_cell	<i>GSTA2</i>	-0.012350233	0.013776015	0.17293984	1
T2DM	PP_cell	<i>SLC17A5</i>	0.0015957	0.01635925	0.187139935	1
T2DM	PP_cell	<i>BACH2</i>	-0.006233875	0.005354889	0.099897439	1
T2DM	PP_cell	<i>FUT9</i>	-0.075256778	0.002541737	0.070434369	1
T2DM	PP_cell	<i>QRS1</i>	-0.002597725	0.044590038	0.283596139	1
T2DM	PP_cell	<i>SCML4</i>	-0.011517156	0.011675262	0.155989842	1
T2DM	PP_cell	<i>SMPD2</i>	-0.003272525	0.038156663	0.272412362	1
T2DM	PP_cell	<i>SMPDL3A</i>	0.001661829	0.034489886	0.263858204	1
T2DM	PP_cell	<i>L3MBTL3</i>	-0.005413772	1.99E-05	0.004372989	0.074340807
T2DM	PP_cell	<i>PEX7</i>	-0.005932559	0.006239646	0.108333664	1
T2DM	PP_cell	<i>ABRACL</i>	-0.008792779	6.35E-05	0.006986684	0.237547251
T2DM	PP_cell	<i>PHACTR2</i>	-0.001302381	0.038945247	0.275935929	1
T2DM	PP_cell	<i>PLEKHG1</i>	-0.004189006	0.036356243	0.268135147	1
T2DM	PP_cell	<i>ZFAND2A</i>	-0.001316887	0.04721167	0.29156401	1
T2DM	PP_cell	<i>EIF3B</i>	-0.001966745	0.041213167	0.278780582	1
T2DM	PP_cell	<i>RBAK</i>	-0.003744242	0.019221077	0.199185734	1
T2DM	PP_cell	<i>TNRC18</i>	-0.004874281	0.024611298	0.225663888	1
T2DM	PP_cell	<i>CCZ1B</i>	-0.006638428	0.008811432	0.13503205	1
T2DM	PP_cell	<i>C1GALT1</i>	-0.001657105	0.040517756	0.278780582	1
T2DM	PP_cell	<i>VWDE</i>	-0.003094709	0.0364098	0.268135147	1
T2DM	PP_cell	<i>KIAA0087</i>	-0.03816117	0.02882325	0.241225455	1
T2DM	PP_cell	<i>CRHR2</i>	0.017912228	0.020994325	0.20943939	1
T2DM	PP_cell	<i>EPDR1</i>	-0.009704495	0.000621054	0.029409663	1
T2DM	PP_cell	<i>STK17A</i>	-0.001217697	0.024452493	0.225416419	1
T2DM	PP_cell	<i>DBNL</i>	-0.006041088	3.32E-05	0.006334094	0.124351492
T2DM	PP_cell	<i>ABCA13</i>	-0.01713521	0.039092816	0.276457895	1
T2DM	PP_cell	<i>ZNF138</i>	-0.003836632	0.035824606	0.268039702	1
T2DM	PP_cell	<i>ERV3-1</i>	-0.004154691	0.013193581	0.169025734	1
T2DM	PP_cell	<i>RABGEF1</i>	0.001672931	0.0425327	0.281121607	1
T2DM	PP_cell	<i>POM121</i>	-0.005149921	0.00098503	0.039623633	1
T2DM	PP_cell	<i>TBL2</i>	-0.005138023	0.0337951	0.259771072	1
T2DM	PP_cell	<i>CLDN3</i>	-0.003344538	0.00024028	0.016960134	0.898887112
T2DM	PP_cell	<i>PTPN12</i>	-0.002913978	0.004485734	0.093749333	1
T2DM	PP_cell	<i>ASB4</i>	-0.012886675	0.016691489	0.188649128	1
T2DM	PP_cell	<i>LMTK2</i>	-0.002456075	0.015589629	0.184994124	1

T2DM	PP_cell	<i>BRI3</i>	-0.000849953	0.011046432	0.151372541	1
T2DM	PP_cell	<i>LAMTOR4</i>	-0.001038126	0.023140994	0.221975531	1
T2DM	PP_cell	<i>COG5</i>	0.002977559	0.008249667	0.129129722	1
T2DM	PP_cell	<i>IRF5</i>	-0.006226773	0.029346777	0.244512905	1
T2DM	PP_cell	<i>TMEM209</i>	-0.002910953	0.018903303	0.199185734	1
T2DM	PP_cell	<i>SLC35B4</i>	-0.006169896	0.001444784	0.050036975	1
T2DM	PP_cell	<i>CNTNAP2</i>	-0.032773458	0.01469875	0.179114082	1
T2DM	PP_cell	<i>GIMAP6</i>	0.005704558	0.00036207	0.019919148	1
T2DM	PP_cell	<i>TMEM176B</i>	-0.00092025	0.041284267	0.278780582	1
T2DM	PP_cell	<i>AGAP3</i>	-0.003129424	0.036370463	0.268135147	1
T2DM	PP_cell	<i>NCAPG2</i>	-0.014568585	0.030961396	0.251250717	1
T2DM	PP_cell	<i>MYOM2</i>	-0.009770907	0.033104507	0.258546895	1
T2DM	PP_cell	<i>BLK</i>	-0.045837222	0.002340499	0.066838227	1
T2DM	PP_cell	<i>DEFB134</i>	-0.0432644	0.02398232	0.225416419	1
T2DM	PP_cell	<i>MTUS1</i>	-0.003028793	0.023753812	0.225416419	1
T2DM	PP_cell	<i>PSD3</i>	-0.002601924	0.048183884	0.294535799	1
T2DM	PP_cell	<i>CSGALNACT1</i>	-0.005447797	0.009853826	0.144561429	1
T2DM	PP_cell	<i>NUDT18</i>	-0.007983558	0.036831794	0.269351639	1
T2DM	PP_cell	<i>PEBP4</i>	-0.015112619	0.002273189	0.06643749	1
T2DM	PP_cell	<i>DDHD2</i>	-0.003470481	0.018600959	0.19825125	1
T2DM	PP_cell	<i>CRISPLD1</i>	-0.012413905	0.045971185	0.2871533	1
T2DM	PP_cell	<i>PEX2</i>	-0.002451889	6.64E-05	0.007096765	0.248386788
T2DM	PP_cell	<i>SNX16</i>	-0.00743782	0.030735337	0.250554732	1
T2DM	PP_cell	<i>RMDN1</i>	-0.003001315	0.020525621	0.207491972	1
T2DM	PP_cell	<i>MMP16</i>	0.004329217	0.040702047	0.278780582	1
T2DM	PP_cell	<i>SAMD12</i>	-0.005335105	0.000319881	0.018493116	1
T2DM	PP_cell	<i>LYNX1</i>	-0.017149698	0.00412332	0.090105838	1
T2DM	PP_cell	<i>TOP1MT</i>	-0.009772986	0.002684081	0.07329304	1
T2DM	PP_cell	<i>VPS28</i>	-0.001998879	0.008497922	0.131911731	1
T2DM	PP_cell	<i>TONSL</i>	-0.009814448	0.000998688	0.039745653	1
T2DM	PP_cell	<i>PTPRD</i>	0.005293017	0.026095379	0.231883163	1
T2DM	PP_cell	<i>CNTLN</i>	-0.005692368	0.018985476	0.199185734	1
T2DM	PP_cell	<i>APTX</i>	0.003447155	0.016407885	0.187139935	1
T2DM	PP_cell	<i>NFX1</i>	-0.002760174	0.00076044	0.033866728	1
T2DM	PP_cell	<i>CD72</i>	-0.012280788	0.007932059	0.126811255	1
T2DM	PP_cell	<i>ARHGEF39</i>	-0.019606223	0.040341977	0.278599988	1
T2DM	PP_cell	<i>NPR2</i>	-0.008292915	0.041107736	0.278780582	1
T2DM	PP_cell	<i>FXN</i>	-0.004987661	0.000155567	0.013534346	0.581976864
T2DM	PP_cell	<i>NMRK1</i>	-0.004642367	0.006171685	0.108333664	1
T2DM	PP_cell	<i>DAPK1</i>	-0.003332397	0.004516259	0.093862915	1
T2DM	PP_cell	<i>SPIN1</i>	-0.003645152	0.00482774	0.096900884	1
T2DM	PP_cell	<i>WNK2</i>	-0.003521441	0.008208126	0.129129722	1
T2DM	PP_cell	<i>ZNF462</i>	-0.005039904	0.022809706	0.221345069	1
T2DM	PP_cell	<i>ZNF483</i>	-0.002758677	1.70E-05	0.004232599	0.06348898
T2DM	PP_cell	<i>UGCG</i>	-0.001787411	0.020668212	0.207848874	1
T2DM	PP_cell	<i>ATP6V1G1</i>	-0.000906564	0.017086293	0.191376718	1
T2DM	PP_cell	<i>RABGAP1</i>	-0.004664997	0.001725577	0.055174234	1
T2DM	PP_cell	<i>RPL12</i>	-0.000257746	0.009362434	0.138987558	1
T2DM	PP_cell	<i>CDK9</i>	-0.004869312	0.000521186	0.025948504	1
T2DM	PP_cell	<i>FPGS</i>	-0.003846622	0.000285849	0.018332125	1
T2DM	PP_cell	<i>DNM1</i>	-0.004104106	0.004758092	0.096216341	1
T2DM	PP_cell	<i>PHYHD1</i>	-0.018126475	0.000412999	0.02207187	1
T2DM	PP_cell	<i>DOLPP1</i>	-0.008038373	0.044643806	0.283596139	1
T2DM	PP_cell	<i>CRAT</i>	-0.004214081	0.01663715	0.18860478	1
T2DM	PP_cell	<i>RAPGEF1</i>	-0.003295683	0.037598085	0.271010471	1
T2DM	PP_cell	<i>DBH</i>	-0.003000278	0.001453461	0.050036975	1

T2DM	PP_cell	<i>GTPBP4</i>	0.001629217	0.001031351	0.040372366	1
T2DM	PP_cell	<i>CIQL3</i>	-0.027725408	0.009438538	0.139563517	1
T2DM	PP_cell	<i>TRDMT1</i>	-0.010011905	0.025590948	0.229789838	1
T2DM	PP_cell	<i>MRC1</i>	-0.007634575	0.006895798	0.115227452	1
T2DM	PP_cell	<i>NSUN6</i>	-0.003581208	0.042295537	0.280048855	1
T2DM	PP_cell	<i>ACBD5</i>	-0.001880152	0.007611903	0.123273286	1
T2DM	PP_cell	<i>ASAH2B</i>	-0.009251874	0.044802277	0.283596139	1
T2DM	PP_cell	<i>MYPN</i>	-0.020406845	0.045804704	0.2871533	1
T2DM	PP_cell	<i>PBLD</i>	-0.010393152	0.002020837	0.062478933	1
T2DM	PP_cell	<i>DLG5</i>	-0.002760084	0.00077257	0.034002161	1
T2DM	PP_cell	<i>IFIT5</i>	-0.003020794	0.038898833	0.275935929	1
T2DM	PP_cell	<i>C10orf62</i>	-0.054073085	4.79E-05	0.006565923	0.179210524
T2DM	PP_cell	<i>CWF19L1</i>	-0.006828953	0.000468235	0.023995434	1
T2DM	PP_cell	<i>SFXN3</i>	-0.005099264	0.032617229	0.256346792	1
T2DM	PP_cell	<i>SFXN2</i>	-0.008681663	0.044931561	0.283934072	1
T2DM	PP_cell	<i>WBP1L</i>	-0.010615903	3.58E-05	0.006334094	0.133977619
T2DM	PP_cell	<i>AS3MT</i>	0.006539385	0.005303244	0.099897439	1
T2DM	PP_cell	<i>GSTO2</i>	0.001326478	0.027756954	0.239735294	1
T2DM	PP_cell	<i>SMC3</i>	-0.002327329	0.008696602	0.133884727	1
T2DM	PP_cell	<i>CASP7</i>	-0.004930329	0.006780394	0.114258801	1
T2DM	PP_cell	<i>PLEKHA1</i>	-0.001979334	0.012069172	0.160109125	1
T2DM	PP_cell	<i>HTRA1</i>	-0.003068746	0.003472343	0.082739079	1
T2DM	PP_cell	<i>PPP2R2D</i>	-0.004388621	0.001282526	0.046249885	1
T2DM	PP_cell	<i>BNIP3</i>	-0.001910004	0.010023269	0.145902923	1
T2DM	PP_cell	<i>PRAP1</i>	-0.060638301	0.001471936	0.050036975	1
T2DM	PP_cell	<i>FUOM</i>	-0.008853915	0.000697201	0.031807679	1
T2DM	PP_cell	<i>PAOX</i>	-0.016130463	8.37E-07	0.000626137	0.003130684
T2DM	PP_cell	<i>RIC8A</i>	-0.005415828	0.004169901	0.090105838	1
T2DM	PP_cell	<i>TH</i>	-0.028572368	0.01262046	0.165660137	1
T2DM	PP_cell	<i>TRIM6</i>	-0.022942297	0.049805164	0.299070818	1
T2DM	PP_cell	<i>TRIM66</i>	0.004292362	0.034677656	0.264753286	1
T2DM	PP_cell	<i>PDE3B</i>	-0.00327969	0.013485986	0.170848805	1
T2DM	PP_cell	<i>SPTY2D1</i>	-0.002163196	0.023812998	0.225416419	1
T2DM	PP_cell	<i>ANO5</i>	-0.008428097	0.001776651	0.05632587	1
T2DM	PP_cell	<i>MUC15</i>	-0.02007577	0.004913663	0.097292763	1
T2DM	PP_cell	<i>MDK</i>	-0.001240806	0.033249739	0.258734366	1
T2DM	PP_cell	<i>ARHGAP1</i>	-0.003616642	0.000735118	0.03313347	1
T2DM	PP_cell	<i>ZNF408</i>	-0.008922296	0.016281663	0.187139935	1
T2DM	PP_cell	<i>LRRC55</i>	-0.072869427	0.002235841	0.065860474	1
T2DM	PP_cell	<i>CNTF</i>	-0.041748405	0.038489177	0.27426288	1
T2DM	PP_cell	<i>SAC3D1</i>	-0.003539196	0.030467963	0.249957564	1
T2DM	PP_cell	<i>EHBP1L1</i>	-0.006672881	0.004410561	0.09321982	1
T2DM	PP_cell	<i>MAP3K11</i>	-0.002583744	0.035444556	0.267114852	1
T2DM	PP_cell	<i>RNASEH2C</i>	-0.002793205	0.002322847	0.066838227	1
T2DM	PP_cell	<i>AP5B1</i>	-0.004942884	0.016037286	0.186901829	1
T2DM	PP_cell	<i>SNX32</i>	0.024006536	0.017427463	0.19207522	1
T2DM	PP_cell	<i>GAL3ST3</i>	0.044785322	0.000352566	0.019685802	1
T2DM	PP_cell	<i>SF3B2</i>	-0.001230748	0.001231852	0.045833482	1
T2DM	PP_cell	<i>RPS6KB2</i>	-0.003363917	0.003784361	0.086324969	1
T2DM	PP_cell	<i>MRPL21</i>	-0.002156523	0.01037777	0.148748032	1
T2DM	PP_cell	<i>IGHMBP2</i>	0.004374325	0.010230166	0.147196346	1
T2DM	PP_cell	<i>XRRAl</i>	0.002622931	0.002229784	0.065860474	1
T2DM	PP_cell	<i>AQP11</i>	-0.010394677	0.001566573	0.051956782	1
T2DM	PP_cell	<i>ALG8</i>	-0.004319887	0.027953372	0.239735294	1
T2DM	PP_cell	<i>RAB38</i>	-0.022625205	0.019505783	0.201577722	1
T2DM	PP_cell	<i>NAALAD2</i>	-0.026455925	0.026964216	0.236791386	1

T2DM	PP_cell	<i>SMCO4</i>	-0.002736594	0.048879867	0.29684997	1
T2DM	PP_cell	<i>C11orf54</i>	-0.001698943	0.027795187	0.239735294	1
T2DM	PP_cell	<i>CCDC82</i>	-0.002179127	0.000274609	0.018332125	1
T2DM	PP_cell	<i>CASP1</i>	-0.018454443	0.000308721	0.018332125	1
T2DM	PP_cell	<i>GRIA4</i>	-0.014899254	0.000308531	0.018332125	1
T2DM	PP_cell	<i>ANKK1</i>	-0.032966157	0.049679306	0.299070818	1
T2DM	PP_cell	<i>RNF214</i>	-0.007411413	0.011971001	0.159371941	1
T2DM	PP_cell	<i>THY1</i>	-0.004914679	0.000286413	0.018332125	1
T2DM	PP_cell	<i>TRIM29</i>	-0.021314421	0.023973387	0.225416419	1
T2DM	PP_cell	<i>POU2F3</i>	-0.009707755	0.027554505	0.239735294	1
T2DM	PP_cell	<i>CHEK1</i>	-0.007498834	0.037903528	0.271641948	1
T2DM	PP_cell	<i>DDX25</i>	-0.006348142	0.030096161	0.247995022	1
T2DM	PP_cell	<i>TMEM45B</i>	-0.001932106	0.022741063	0.221345069	1
T2DM	PP_cell	<i>IGSF9B</i>	-0.010949539	0.014239863	0.175812967	1
T2DM	PP_cell	<i>GLB1L2</i>	-0.014627387	0.000136571	0.012651014	0.510913288
T2DM	PP_cell	<i>B3GAT1</i>	0.024640198	0.005114203	0.099380435	1
T2DM	PP_cell	<i>CCDC77</i>	-0.011345615	0.016624136	0.18860478	1
T2DM	PP_cell	<i>TEAD4</i>	-0.005681235	0.001484658	0.050036975	1
T2DM	PP_cell	<i>TAPBPL</i>	-0.006497419	0.000368566	0.019982698	1
T2DM	PP_cell	<i>MLF2</i>	-0.001592387	0.003396624	0.082511487	1
T2DM	PP_cell	<i>FAM90A1</i>	-0.014559021	0.020536752	0.207491972	1
T2DM	PP_cell	<i>TAS2R43</i>	-0.014268679	0.02251229	0.221345069	1
T2DM	PP_cell	<i>GPRC5A</i>	-0.010474067	0.006039982	0.108333664	1
T2DM	PP_cell	<i>SMCO3</i>	-0.035537217	0.011215063	0.152686869	1
T2DM	PP_cell	<i>BHLHE41</i>	0.002168479	0.006084308	0.108333664	1
T2DM	PP_cell	<i>C12orf71</i>	-0.019059354	0.00909021	0.136025908	1
T2DM	PP_cell	<i>STK38L</i>	-0.003003108	0.013023639	0.168919148	1
T2DM	PP_cell	<i>KLHL42</i>	-0.00164087	0.043124465	0.281814831	1
T2DM	PP_cell	<i>ARID2</i>	-0.004343572	0.032000961	0.254714034	1
T2DM	PP_cell	<i>KANSL2</i>	-0.003748983	0.00664609	0.113013738	1
T2DM	PP_cell	<i>ADCY6</i>	0.00302548	0.037498526	0.270814646	1
T2DM	PP_cell	<i>TFCP2</i>	-0.003511308	0.04167087	0.279374059	1
T2DM	PP_cell	<i>GALNT6</i>	-0.023329836	0.001465352	0.050036975	1
T2DM	PP_cell	<i>METTL7B</i>	-0.014750813	0.024482684	0.225416419	1
T2DM	PP_cell	<i>SUOX</i>	-0.010961169	0.00693028	0.115227452	1
T2DM	PP_cell	<i>RPS26</i>	0.000468213	0.002101015	0.063486299	1
T2DM	PP_cell	<i>SRGAP1</i>	-0.001274865	0.040348584	0.278599988	1
T2DM	PP_cell	<i>XPOT</i>	-0.002737087	0.01161081	0.155684734	1
T2DM	PP_cell	<i>MDM1</i>	0.005477417	0.032322045	0.255098669	1
T2DM	PP_cell	<i>NUP107</i>	-0.002992547	0.039319674	0.277014878	1
T2DM	PP_cell	<i>WSCD2</i>	-0.00852114	0.039808063	0.277612288	1
T2DM	PP_cell	<i>COQ5</i>	-0.005364355	0.034961694	0.266154296	1
T2DM	PP_cell	<i>SCARB1</i>	0.003064121	0.041171368	0.278780582	1
T2DM	PP_cell	<i>LINC00939</i>	-0.038524567	0.047827606	0.293798148	1
T2DM	PP_cell	<i>NOC4L</i>	-0.004779894	0.03976532	0.277612288	1
T2DM	PP_cell	<i>CIQTNF9</i>	-0.032987613	0.049654214	0.299070818	1
T2DM	PP_cell	<i>TRPC4</i>	-0.009854902	0.00992892	0.145094106	1
T2DM	PP_cell	<i>DLEU1</i>	-0.00315203	0.037123666	0.269878043	1
T2DM	PP_cell	<i>DCT</i>	-0.030828468	0.03195638	0.254714034	1
T2DM	PP_cell	<i>ABCC4</i>	-0.007726484	0.015532814	0.184994124	1
T2DM	PP_cell	<i>OXGR1</i>	-0.023139219	0.002430867	0.067864714	1
T2DM	PP_cell	<i>SLC15A1</i>	-0.009963322	0.01080511	0.151372541	1
T2DM	PP_cell	<i>CLYBL</i>	-0.011538275	0.024159352	0.225416419	1
T2DM	PP_cell	<i>NALCN</i>	-0.004013271	0.039563992	0.277170216	1
T2DM	PP_cell	<i>RAB20</i>	-0.004279714	0.032617234	0.256346792	1
T2DM	PP_cell	<i>CARS2</i>	-0.005076072	0.033407027	0.25914823	1

T2DM	PP_cell	<i>PROZ</i>	-0.035835093	0.005724475	0.104464691	1
T2DM	PP_cell	<i>GRTP1</i>	-0.009837985	0.04141764	0.279177282	1
T2DM	PP_cell	<i>TEP1</i>	-0.007437869	0.026885211	0.236653112	1
T2DM	PP_cell	<i>OSGEP</i>	-0.003762151	0.020160874	0.206635149	1
T2DM	PP_cell	<i>RPGRIP1</i>	0.041662035	0.003998185	0.088504199	1
T2DM	PP_cell	<i>HAUS4</i>	0.003805235	0.032915768	0.257610643	1
T2DM	PP_cell	<i>DHRS4L2</i>	-0.002782095	0.033816764	0.259771072	1
T2DM	PP_cell	<i>CBLN3</i>	-0.02240588	0.035695428	0.267679743	1
T2DM	PP_cell	<i>AKAP6</i>	-0.008085641	0.002104331	0.063486299	1
T2DM	PP_cell	<i>PYGL</i>	-0.006877956	0.049728682	0.299070818	1
T2DM	PP_cell	<i>DHRS7</i>	-0.001243204	0.025595291	0.229789838	1
T2DM	PP_cell	<i>TMEM229B</i>	-0.01431738	0.009333978	0.138987558	1
T2DM	PP_cell	<i>LIN52</i>	0.003889899	0.016347525	0.187139935	1
T2DM	PP_cell	<i>ZC2HC1C</i>	-0.00436811	0.010906562	0.151372541	1
T2DM	PP_cell	<i>TMEM63C</i>	-0.014182841	0.010611268	0.151372541	1
T2DM	PP_cell	<i>GSTZ1</i>	-0.005496155	0.014300488	0.17598068	1
T2DM	PP_cell	<i>TMED8</i>	0.00111519	0.004149457	0.090105838	1
T2DM	PP_cell	<i>CKB</i>	-0.001199982	0.001569398	0.051956782	1
T2DM	PP_cell	<i>PPP1R13B</i>	-0.004231826	0.031810367	0.254279021	1
T2DM	PP_cell	<i>TDRD9</i>	-0.006684485	0.014238664	0.175812967	1
T2DM	PP_cell	<i>AKT1</i>	-0.00210348	0.028452946	0.239735294	1
T2DM	PP_cell	<i>PWRN1</i>	-0.016268696	0.031192582	0.252578892	1
T2DM	PP_cell	<i>CHRNA7</i>	-0.013015383	8.77E-05	0.008864725	0.327994842
T2DM	PP_cell	<i>DISP2</i>	-0.008041824	0.020427409	0.207491972	1
T2DM	PP_cell	<i>BAHD1</i>	-0.005387528	0.002402918	0.067588856	1
T2DM	PP_cell	<i>DNAJC17</i>	-0.005093798	0.03128734	0.252799003	1
T2DM	PP_cell	<i>RPAP1</i>	-0.005667585	0.02805337	0.239735294	1
T2DM	PP_cell	<i>LRRC57</i>	-0.00521462	0.008229424	0.129129722	1
T2DM	PP_cell	<i>LCMT2</i>	-0.009818047	0.031420537	0.253262518	1
T2DM	PP_cell	<i>PIIP5K1</i>	-0.008715057	0.010828428	0.151372541	1
T2DM	PP_cell	<i>TRIM69</i>	-0.006538663	0.013909957	0.173457164	1
T2DM	PP_cell	<i>SLC30A4</i>	-0.004893286	0.011223975	0.152686869	1
T2DM	PP_cell	<i>ATP8B4</i>	-0.0151859	0.045869537	0.2871533	1
T2DM	PP_cell	<i>CYP19A1</i>	-0.013271746	0.039504896	0.277170216	1
T2DM	PP_cell	<i>BNIP2</i>	-0.001979509	0.029493729	0.245191199	1
T2DM	PP_cell	<i>DAPK2</i>	-0.008002798	0.005857774	0.105864404	1
T2DM	PP_cell	<i>TRIP4</i>	0.003913917	0.005338472	0.099897439	1
T2DM	PP_cell	<i>PLEKHO2</i>	-0.005932066	0.012754223	0.166830587	1
T2DM	PP_cell	<i>RPP25</i>	0.002353098	0.044628693	0.283596139	1
T2DM	PP_cell	<i>IMP3</i>	-0.002146406	0.013122711	0.168919148	1
T2DM	PP_cell	<i>PSMA4</i>	-0.001192295	0.016950464	0.190425486	1
T2DM	PP_cell	<i>ALPK3</i>	0.00154463	0.001239962	0.045833482	1
T2DM	PP_cell	<i>WDR93</i>	-0.008471124	0.0002113	0.015691523	0.790473464
T2DM	PP_cell	<i>SEMA4B</i>	-0.006958394	0.000895994	0.037243488	1
T2DM	PP_cell	<i>CIB1</i>	-0.000870492	0.042976094	0.281564917	1
T2DM	PP_cell	<i>IQGAP1</i>	-0.001559784	0.017263182	0.19207522	1
T2DM	PP_cell	<i>SV2B</i>	0.006482746	0.006070279	0.108333664	1
T2DM	PP_cell	<i>NPRL3</i>	-0.002847478	0.041853214	0.279718858	1
T2DM	PP_cell	<i>LMF1</i>	-0.004319472	0.021739976	0.21458905	1
T2DM	PP_cell	<i>CLCN7</i>	-0.004648769	0.004275081	0.091389022	1
T2DM	PP_cell	<i>TELO2</i>	-0.009878076	0.009570416	0.140956409	1
T2DM	PP_cell	<i>SYNGR3</i>	-0.01034172	0.024131629	0.225416419	1
T2DM	PP_cell	<i>TRAF7</i>	0.003459481	0.033458593	0.25914823	1
T2DM	PP_cell	<i>AMDHD2</i>	-0.007661127	0.035088058	0.26625644	1
T2DM	PP_cell	<i>CLUAP1</i>	0.003865645	0.042947853	0.281564917	1
T2DM	PP_cell	<i>PAM16</i>	-0.002013377	0.028006901	0.239735294	1

T2DM	PP_cell	<i>CDIP1</i>	-0.003904017	0.044543784	0.283596139	1
T2DM	PP_cell	<i>NAGPA</i>	0.004685534	0.020793021	0.208543406	1
T2DM	PP_cell	<i>ATF7IP2</i>	-0.001020166	0.041043691	0.278780582	1
T2DM	PP_cell	<i>NPIPA5</i>	-0.018440168	0.029115425	0.243126799	1
T2DM	PP_cell	<i>NDE1</i>	-0.004528101	0.015618068	0.184994124	1
T2DM	PP_cell	<i>KNOP1</i>	-0.003239526	0.03379512	0.259771072	1
T2DM	PP_cell	<i>RNF40</i>	-0.003850507	0.00210163	0.063486299	1
T2DM	PP_cell	<i>RBL2</i>	-0.002444995	0.003949743	0.088504199	1
T2DM	PP_cell	<i>IRX3</i>	0.013676543	0.027033758	0.236846109	1
T2DM	PP_cell	<i>BBS2</i>	-0.006152402	0.00131192	0.046741836	1
T2DM	PP_cell	<i>MMP15</i>	-0.005384758	0.017719423	0.193260532	1
T2DM	PP_cell	<i>PARD6A</i>	-0.003117642	0.019018738	0.199185734	1
T2DM	PP_cell	<i>CYB5B</i>	-0.002122826	0.005044783	0.098809076	1
T2DM	PP_cell	<i>PHLPP2</i>	0.001803076	0.022965274	0.221975531	1
T2DM	PP_cell	<i>OSGIN1</i>	-0.002105251	0.041110978	0.278780582	1
T2DM	PP_cell	<i>ZNF778</i>	-0.00267483	0.042686714	0.281564917	1
T2DM	PP_cell	<i>FANCA</i>	-0.01099096	0.00201564	0.062478933	1
T2DM	PP_cell	<i>SPIRE2</i>	-0.006613848	0.018243503	0.196682841	1
T2DM	PP_cell	<i>SCIMP</i>	-0.021168198	0.040140545	0.278599988	1
T2DM	PP_cell	<i>ATP1B2</i>	-0.010944819	0.019144367	0.199185734	1
T2DM	PP_cell	<i>VAMP2</i>	-0.000872688	0.049939052	0.29939422	1
T2DM	PP_cell	<i>TRIM16</i>	-0.003772509	0.020033191	0.20589057	1
T2DM	PP_cell	<i>PRPSAP2</i>	-0.001867835	0.03277996	0.257085596	1
T2DM	PP_cell	<i>RHBDL3</i>	0.024244785	0.000207939	0.015691523	0.777900019
T2DM	PP_cell	<i>TMEM98</i>	-0.006392131	0.0014619	0.050036975	1
T2DM	PP_cell	<i>TADA2A</i>	-0.006587139	0.023029597	0.221975531	1
T2DM	PP_cell	<i>SYNRG</i>	-0.003031209	0.012227118	0.161062149	1
T2DM	PP_cell	<i>ARL5C</i>	-0.006548902	0.001036019	0.040372366	1
T2DM	PP_cell	<i>PGAP3</i>	-0.003159763	0.046749032	0.289710305	1
T2DM	PP_cell	<i>KRT23</i>	0.004604747	0.038809985	0.275935929	1
T2DM	PP_cell	<i>KRT40</i>	-0.043592297	0.01590872	0.186194635	1
T2DM	PP_cell	<i>NAGLU</i>	-0.002510159	0.032246584	0.255098669	1
T2DM	PP_cell	<i>WNK4</i>	-0.008092179	0.029882302	0.247322324	1
T2DM	PP_cell	<i>CIQL1</i>	0.003362694	0.013487727	0.170848805	1
T2DM	PP_cell	<i>ACBD4</i>	-0.005686063	0.023914875	0.225416419	1
T2DM	PP_cell	<i>GNGT2</i>	-0.033686539	0.047308034	0.29156401	1
T2DM	PP_cell	<i>SGCA</i>	-0.010043032	0.003287919	0.080921734	1
T2DM	PP_cell	<i>SPATA20</i>	-0.00368882	0.017423817	0.19207522	1
T2DM	PP_cell	<i>RPS6KB1</i>	-0.001856739	0.002992582	0.078288443	1
T2DM	PP_cell	<i>MED13</i>	-0.00192514	0.039849719	0.277612288	1
T2DM	PP_cell	<i>MAP3K3</i>	-0.002137374	0.002761279	0.074316158	1
T2DM	PP_cell	<i>CD79B</i>	-0.02135376	0.007198629	0.118114339	1
T2DM	PP_cell	<i>TEX2</i>	-0.005133854	0.047492058	0.29221676	1
T2DM	PP_cell	<i>MILR1</i>	0.011053395	0.005394107	0.099897439	1
T2DM	PP_cell	<i>WIP1I</i>	0.002332626	0.002364347	0.067007748	1
T2DM	PP_cell	<i>NUP85</i>	0.006271173	0.000326262	0.018493116	1
T2DM	PP_cell	<i>MRPS7</i>	-0.002130133	0.013238316	0.169025734	1
T2DM	PP_cell	<i>ITGB4</i>	0.022315673	0.000816188	0.035096074	1
T2DM	PP_cell	<i>TRIM65</i>	-0.005657014	0.044735846	0.283596139	1
T2DM	PP_cell	<i>SYNGR2</i>	-0.001515193	0.022802182	0.221345069	1
T2DM	PP_cell	<i>USP36</i>	-0.002546572	0.00344654	0.082739079	1
T2DM	PP_cell	<i>CCDC40</i>	-0.007128457	0.019790035	0.203951853	1
T2DM	PP_cell	<i>GAA</i>	-0.003131276	0.015676841	0.185006503	1
T2DM	PP_cell	<i>EIF4A3</i>	-0.002627933	0.028377209	0.239735294	1
T2DM	PP_cell	<i>FN3K</i>	-0.003876373	0.047295685	0.29156401	1
T2DM	PP_cell	<i>TBCD</i>	-0.003354085	0.028264791	0.239735294	1

T2DM	PP_cell	<i>POTEC</i>	-0.027260652	0.000423453	0.022311789	1
T2DM	PP_cell	<i>TNFRSF11A</i>	-0.004064912	0.040271381	0.278599988	1
T2DM	PP_cell	<i>TIMM21</i>	-0.006481869	0.04071341	0.278780582	1
T2DM	PP_cell	<i>CNDP1</i>	-0.016964684	0.035704943	0.267679743	1
T2DM	PP_cell	<i>NFATC1</i>	-0.003830942	0.049359501	0.298310008	1
T2DM	PP_cell	<i>TXNL4A</i>	0.001581457	0.001863301	0.058576558	1
T2DM	PP_cell	<i>SHC2</i>	-0.004819502	0.000183577	0.014307512	0.686760559
T2DM	PP_cell	<i>ABCA7</i>	-0.012673072	0.001082222	0.04173807	1
T2DM	PP_cell	<i>ZNF555</i>	0.001993474	0.028247545	0.239735294	1
T2DM	PP_cell	<i>GNAI5</i>	0.015096912	0.043717419	0.28320461	1
T2DM	PP_cell	<i>SH3GL1</i>	-0.002165971	0.036863951	0.269351639	1
T2DM	PP_cell	<i>UBXN6</i>	-0.003590488	1.66E-06	0.001036401	0.006218405
T2DM	PP_cell	<i>FUT6</i>	-0.01975209	0.008156141	0.129129722	1
T2DM	PP_cell	<i>INSR</i>	-0.001702564	0.01144516	0.154571641	1
T2DM	PP_cell	<i>FCER2</i>	-0.003149549	0.037152417	0.269878043	1
T2DM	PP_cell	<i>EVI5L</i>	-0.008552134	0.01294297	0.168709591	1
T2DM	PP_cell	<i>P2RY11</i>	-0.008857837	0.002716643	0.073644649	1
T2DM	PP_cell	<i>RGL3</i>	-0.00763956	8.92E-09	3.34E-05	3.34E-05
T2DM	PP_cell	<i>ZNF490</i>	-0.007877868	0.002892517	0.076744016	1
T2DM	PP_cell	<i>MRII</i>	-0.008903627	0.003741193	0.085863811	1
T2DM	PP_cell	<i>PALM3</i>	-0.007027116	0.025734998	0.229789838	1
T2DM	PP_cell	<i>SLC1A6</i>	-0.043979473	0.005701912	0.104464691	1
T2DM	PP_cell	<i>PIK3R2</i>	-0.002811481	0.042104901	0.279718858	1
T2DM	PP_cell	<i>ZNF100</i>	-0.004301985	3.99E-05	0.006334094	0.149255881
T2DM	PP_cell	<i>ZNF254</i>	-0.002196755	0.041607607	0.279374059	1
T2DM	PP_cell	<i>GPATCH1</i>	-0.004809537	0.036401277	0.268135147	1
T2DM	PP_cell	<i>PEPD</i>	-0.001310456	0.045978302	0.2871533	1
T2DM	PP_cell	<i>LGI4</i>	-0.017782552	0.003123418	0.079487798	1
T2DM	PP_cell	<i>MAG</i>	-0.025138524	0.024288078	0.225416419	1
T2DM	PP_cell	<i>CD22</i>	-0.014064921	0.006920072	0.115227452	1
T2DM	PP_cell	<i>LINC00665</i>	-0.004350697	5.20E-05	0.006565923	0.194685305
T2DM	PP_cell	<i>ZNF260</i>	-0.007859776	0.000147165	0.013108194	0.550544134
T2DM	PP_cell	<i>ZNF382</i>	-0.016790332	5.31E-06	0.001986802	0.019868025
T2DM	PP_cell	<i>ZNF567</i>	-0.00445126	0.024789265	0.226186923	1
T2DM	PP_cell	<i>ZNF568</i>	-0.005540076	0.003230489	0.080581348	1
T2DM	PP_cell	<i>ZNF527</i>	-0.021897233	4.27E-05	0.006388491	0.159712284
T2DM	PP_cell	<i>ZNF781</i>	-0.016678785	0.01575468	0.185340436	1
T2DM	PP_cell	<i>ITPKC</i>	0.002628162	0.017596038	0.192475965	1
T2DM	PP_cell	<i>C19orf54</i>	-0.020241244	0.019062644	0.199185734	1
T2DM	PP_cell	<i>BCKDHA</i>	-0.005008482	0.028706898	0.241000113	1
T2DM	PP_cell	<i>CEACAM21</i>	-0.046833844	0.018533404	0.198176245	1
T2DM	PP_cell	<i>CXCL17</i>	0.02011284	3.85E-06	0.001799433	0.014395467
T2DM	PP_cell	<i>LYPD5</i>	-0.008547847	0.006230248	0.108333664	1
T2DM	PP_cell	<i>ZNF285</i>	-0.009222812	0.027725913	0.239735294	1
T2DM	PP_cell	<i>ERCC2</i>	-0.010282422	0.036482435	0.268135147	1
T2DM	PP_cell	<i>GIPR</i>	-0.007784917	0.00677673	0.114258801	1
T2DM	PP_cell	<i>PLA2G4C</i>	-0.006275308	0.033717421	0.259771072	1
T2DM	PP_cell	<i>LIN7B</i>	-0.003335921	0.043425304	0.282753826	1
T2DM	PP_cell	<i>FUZ</i>	-0.005303516	0.037733245	0.271461673	1
T2DM	PP_cell	<i>SIGLEC11</i>	-0.048067719	0.003360794	0.082174711	1
T2DM	PP_cell	<i>ZNF880</i>	-0.003647556	0.00029556	0.018332125	1
T2DM	PP_cell	<i>ZNF528</i>	-0.00348365	0.043164902	0.281814831	1
T2DM	PP_cell	<i>LILRB3</i>	-0.022588185	0.000183536	0.014307512	0.686606579
T2DM	PP_cell	<i>DNAAF3</i>	-0.008090578	0.004616614	0.094375693	1
T2DM	PP_cell	<i>SSC5D</i>	-0.006846071	0.01846898	0.198176245	1
T2DM	PP_cell	<i>ZNF471</i>	-0.007583796	0.017538548	0.192409697	1

T2DM	PP_cell	<i>ZNF211</i>	-0.003766789	0.005361023	0.099897439	1
T2DM	PP_cell	<i>SIRPB1</i>	-0.0350726	0.046330579	0.288871162	1
T2DM	PP_cell	<i>MRPS26</i>	-0.001817386	0.000260155	0.017929377	0.97324139
T2DM	PP_cell	<i>UBOX5</i>	-0.006834483	0.037059612	0.269878043	1
T2DM	PP_cell	<i>TMEM230</i>	-0.001000696	0.048813899	0.29684997	1
T2DM	PP_cell	<i>MGME1</i>	-0.011328435	0.004986039	0.098172476	1
T2DM	PP_cell	<i>RALGAP42</i>	-0.002961995	0.03545527	0.267114852	1
T2DM	PP_cell	<i>VSX1</i>	-0.02772539	0.030342298	0.24947371	1
T2DM	PP_cell	<i>ABHD12</i>	-0.002605106	0.00633459	0.109205993	1
T2DM	PP_cell	<i>MYH7B</i>	-0.025074765	0.011509663	0.154883627	1
T2DM	PP_cell	<i>MROH8</i>	-0.005717707	0.025798378	0.229789838	1
T2DM	PP_cell	<i>MANBAL</i>	-0.001819654	0.004355371	0.092576387	1
T2DM	PP_cell	<i>TTI1</i>	-0.004133169	0.000616893	0.029409663	1
T2DM	PP_cell	<i>LPIN3</i>	-0.007904523	0.008596782	0.132894875	1
T2DM	PP_cell	<i>KCNK15</i>	-0.012685007	0.010966658	0.151372541	1
T2DM	PP_cell	<i>PABPC1L</i>	-0.010246571	0.009003405	0.136025908	1
T2DM	PP_cell	<i>MATN4</i>	0.010682787	0.045691986	0.2871533	1
T2DM	PP_cell	<i>SNX21</i>	-0.005357353	0.025298072	0.228599242	1
T2DM	PP_cell	<i>ZSWIM1</i>	-0.008179065	0.028222496	0.239735294	1
T2DM	PP_cell	<i>ATP9A</i>	-0.00239899	0.046571632	0.289710305	1
T2DM	PP_cell	<i>VAPB</i>	-0.001554273	0.017382341	0.19207522	1
T2DM	PP_cell	<i>DIDO1</i>	-0.002177445	0.042967454	0.281564917	1
T2DM	PP_cell	<i>IL10RB</i>	-0.003349037	0.043709082	0.28320461	1
T2DM	PP_cell	<i>TMEM50B</i>	-0.00262336	0.000892906	0.037243488	1
T2DM	PP_cell	<i>SETD4</i>	-0.004733717	0.004843749	0.096900884	1
T2DM	PP_cell	<i>LCA5L</i>	-0.011051861	0.000171207	0.014233048	0.640487181
T2DM	PP_cell	<i>HSF2BP</i>	-0.020346376	0.048572569	0.296427372	1
T2DM	PP_cell	<i>LINC00205</i>	-0.009340071	0.024492427	0.225416419	1
T2DM	PP_cell	<i>PCBP3</i>	-0.007115873	0.000124061	0.011900358	0.464113952
T2DM	PP_cell	<i>LSS</i>	-0.004112388	0.03610237	0.268135147	1
T2DM	PP_cell	<i>LINC00528</i>	-0.024131368	0.00355672	0.083160567	1
T2DM	PP_cell	<i>LINC00896</i>	-0.028296794	0.036470575	0.268135147	1
T2DM	PP_cell	<i>HSCB</i>	-0.008634456	0.000299837	0.018332125	1
T2DM	PP_cell	<i>GAS2L1</i>	-0.005661359	0.029672382	0.246129447	1
T2DM	PP_cell	<i>SEC14L6</i>	-0.007863121	0.044484643	0.283596139	1
T2DM	PP_cell	<i>DUSP18</i>	-0.004216868	0.010673568	0.151372541	1
T2DM	PP_cell	<i>SFII</i>	-0.007227407	0.016166961	0.187139935	1
T2DM	PP_cell	<i>PVALB</i>	-0.060140079	0.026881172	0.236653112	1
T2DM	PP_cell	<i>CCDC134</i>	-0.010249266	0.016390561	0.187139935	1
T2DM	PP_cell	<i>RRP7A</i>	-0.003121826	0.02026497	0.207134566	1
T2DM	PP_cell	<i>RIBC2</i>	-0.030837725	0.041934339	0.279718858	1
T2DM	PP_cell	<i>PKDREJ</i>	-0.041210567	0.001235684	0.045833482	1
T2DM	PP_cell	<i>CELSR1</i>	-0.025502732	0.002126435	0.063639933	1
T2DM	PP_cell	<i>GRAMD4</i>	-0.00722515	0.003070206	0.078884824	1
T1DM	acinar_cell	<i>VAMP3</i>	-0.0003837	0.046018632	0.999071983	1
T1DM	acinar_cell	<i>NECAP2</i>	-0.000661451	0.030149946	0.999071983	1
T1DM	acinar_cell	<i>KLHDC7A</i>	-0.004101448	0.036429638	0.999071983	1
T1DM	acinar_cell	<i>OTUD3</i>	-0.001378713	0.019449821	0.999071983	1
T1DM	acinar_cell	<i>PTBP2</i>	-0.000816268	0.012464202	0.999071983	1
T1DM	acinar_cell	<i>PALMD</i>	0.001875474	0.0184755	0.999071983	1
T1DM	acinar_cell	<i>SEMA6C</i>	-0.003616776	0.014895733	0.999071983	1
T1DM	acinar_cell	<i>LHX4</i>	0.002269428	0.020618133	0.999071983	1
T1DM	acinar_cell	<i>CHI3L1</i>	-0.001308356	0.045519275	0.999071983	1
T1DM	acinar_cell	<i>CAD</i>	-0.001937441	0.035819954	0.999071983	1
T1DM	acinar_cell	<i>KRTCAP3</i>	-0.000692275	0.037981702	0.999071983	1
T1DM	acinar_cell	<i>REEP1</i>	-0.002112755	0.049624475	0.999071983	1

T1DM	acinar_cell	<i>FASTKD1</i>	0.001937331	0.012307741	0.999071983	1
T1DM	acinar_cell	<i>BARD1</i>	-0.003534718	0.025335523	0.999071983	1
T1DM	acinar_cell	<i>SLC23A3</i>	0.008565897	0.048096382	0.999071983	1
T1DM	acinar_cell	<i>ARMC9</i>	-0.000827034	0.026015738	0.999071983	1
T1DM	acinar_cell	<i>DOCK3</i>	-0.001339576	0.029505564	0.999071983	1
T1DM	acinar_cell	<i>TEX264</i>	-0.000469329	0.025513356	0.999071983	1
T1DM	acinar_cell	<i>SLC12A8</i>	-0.002944392	0.02772561	0.999071983	1
T1DM	acinar_cell	<i>PIGZ</i>	-0.001750462	0.049425215	0.999071983	1
T1DM	acinar_cell	<i>CLNK</i>	-0.011485702	0.027301521	0.999071983	1
T1DM	acinar_cell	<i>GPRIN3</i>	-0.000736481	0.011730059	0.999071983	1
T1DM	acinar_cell	<i>PPWD1</i>	-0.00109071	0.011982955	0.999071983	1
T1DM	acinar_cell	<i>ZNF391</i>	-0.005351252	0.017069993	0.999071983	1
T1DM	acinar_cell	<i>CCDC167</i>	-0.001308859	0.024398891	0.999071983	1
T1DM	acinar_cell	<i>PEX6</i>	-0.001800576	0.032578114	0.999071983	1
T1DM	acinar_cell	<i>EZR</i>	-0.000301282	0.047223093	0.999071983	1
T1DM	acinar_cell	<i>CYP2W1</i>	-0.017847453	0.01753509	0.999071983	1
T1DM	acinar_cell	<i>PSMG3-AS1</i>	-0.002730446	0.046140302	0.999071983	1
T1DM	acinar_cell	<i>RAB19</i>	-0.010783761	0.049709724	0.999071983	1
T1DM	acinar_cell	<i>CD274</i>	-0.003435148	0.006655819	0.999071983	1
T1DM	acinar_cell	<i>SH2D3C</i>	0.003985912	0.045324039	0.999071983	1
T1DM	acinar_cell	<i>GSTO1</i>	-0.000348772	0.040409211	0.999071983	1
T1DM	acinar_cell	<i>TRUB1</i>	0.001335089	0.027368648	0.999071983	1
T1DM	acinar_cell	<i>LHPP</i>	-0.00212808	0.042547746	0.999071983	1
T1DM	acinar_cell	<i>ALG8</i>	0.001652931	0.029174117	0.999071983	1
T1DM	acinar_cell	<i>PRDM4</i>	0.000636353	0.031972277	0.999071983	1
T1DM	acinar_cell	<i>WSCD2</i>	-0.003307344	0.036658908	0.999071983	1
T1DM	acinar_cell	<i>CIQTNF9</i>	0.013808222	0.033128124	0.999071983	1
T1DM	acinar_cell	<i>DNAJC3</i>	-0.000300308	0.022800247	0.999071983	1
T1DM	acinar_cell	<i>GGACT</i>	0.004400117	0.016034937	0.999071983	1
T1DM	acinar_cell	<i>PLEK2</i>	-0.005158634	0.031276452	0.999071983	1
T1DM	acinar_cell	<i>PWRN1</i>	-0.005974929	0.039819983	0.999071983	1
T1DM	acinar_cell	<i>PLCB2</i>	-0.011537082	0.023828156	0.999071983	1
T1DM	acinar_cell	<i>FAHD1</i>	0.001509127	0.034090631	0.999071983	1
T1DM	acinar_cell	<i>MGRN1</i>	-0.000904365	0.036258482	0.999071983	1
T1DM	acinar_cell	<i>MAP1LC3B</i>	-0.0002839	0.030941086	0.999071983	1
T1DM	acinar_cell	<i>DBNDD1</i>	-0.002329574	0.030904531	0.999071983	1
T1DM	acinar_cell	<i>TRIM16</i>	0.001266219	0.04264361	0.999071983	1
T1DM	acinar_cell	<i>CCDC124</i>	0.000634623	0.02196749	0.999071983	1
T1DM	acinar_cell	<i>UPK1A</i>	-0.014899876	0.003899891	0.999071983	1
T1DM	acinar_cell	<i>PRR12</i>	-0.001660927	0.0453747	0.999071983	1
T1DM	acinar_cell	<i>PLCB4</i>	-0.002055954	0.012655413	0.999071983	1
T1DM	acinar_cell	<i>FLRT3</i>	-0.001150893	0.035672139	0.999071983	1
T1DM	acinar_cell	<i>MTG2</i>	-0.001293796	0.015704061	0.999071983	1
T1DM	acinar_cell	<i>MRPL39</i>	-0.001001484	0.029131021	0.999071983	1
T1DM	acinar_cell	<i>CCT8</i>	-0.000714818	0.010618391	0.999071983	1
T1DM	acinar_cell	<i>UQCR10</i>	0.000234717	0.042991469	0.999071983	1
T1DM	alpha_cell	<i>EPHB2</i>	-0.001386442	0.039321044	0.999943832	1
T1DM	alpha_cell	<i>PAFAH2</i>	0.001424787	0.018956875	0.999943832	1
T1DM	alpha_cell	<i>TNNI3K</i>	0.00716664	0.031379586	0.999943832	1
T1DM	alpha_cell	<i>NSL1</i>	0.000727224	0.044992837	0.999943832	1
T1DM	alpha_cell	<i>IMMT</i>	-0.000855126	0.019563928	0.999943832	1
T1DM	alpha_cell	<i>SPC25</i>	-0.001995153	0.025549787	0.999943832	1
T1DM	alpha_cell	<i>LRRN1</i>	0.005473093	0.026120222	0.999943832	1
T1DM	alpha_cell	<i>LTF</i>	-0.004049204	0.039317075	0.999943832	1
T1DM	alpha_cell	<i>POGLUT1</i>	-0.002716642	0.019749613	0.999943832	1
T1DM	alpha_cell	<i>XXYLT1</i>	-0.002005844	0.007757089	0.999943832	1

T1DM	alpha_cell	<i>DLG1</i>	0.000907334	0.04507933	0.999943832	1
T1DM	alpha_cell	<i>GPRIN3</i>	0.000673423	0.020892939	0.999943832	1
T1DM	alpha_cell	<i>MAP1B</i>	-0.00015656	0.037722903	0.999943832	1
T1DM	alpha_cell	<i>NSA2</i>	-0.000304828	0.004057713	0.999943832	1
T1DM	alpha_cell	<i>RAET1G</i>	-0.009659622	0.006895683	0.999943832	1
T1DM	alpha_cell	<i>PLEKHG1</i>	0.001600462	0.03739051	0.999943832	1
T1DM	alpha_cell	<i>ABCA13</i>	0.007537051	0.018412616	0.999943832	1
T1DM	alpha_cell	<i>TNFRSF10D</i>	0.002183217	0.02523956	0.999943832	1
T1DM	alpha_cell	<i>LYNX1</i>	-0.005015703	0.029422389	0.999943832	1
T1DM	alpha_cell	<i>VPS28</i>	0.000583309	0.045449342	0.999943832	1
T1DM	alpha_cell	<i>FFAR4</i>	0.002185708	0.009424156	0.999943832	1
T1DM	alpha_cell	<i>CALHM2</i>	0.002634357	0.011066274	0.999943832	1
T1DM	alpha_cell	<i>NEURL1</i>	0.000814899	0.024217166	0.999943832	1
T1DM	alpha_cell	<i>GSTO2</i>	-0.000567299	0.014306836	0.999943832	1
T1DM	alpha_cell	<i>IFITM1</i>	-0.002431184	0.017622901	0.999943832	1
T1DM	alpha_cell	<i>LDHC</i>	-0.007682952	0.034110589	0.999943832	1
T1DM	alpha_cell	<i>PGM2L1</i>	-0.000881868	0.045453073	0.999943832	1
T1DM	alpha_cell	<i>C11orf54</i>	0.00067906	0.022071401	0.999943832	1
T1DM	alpha_cell	<i>BEGAIN</i>	-0.00484161	0.010973604	0.999943832	1
T1DM	alpha_cell	<i>DNAJA4</i>	0.000665872	0.040080448	0.999943832	1
T1DM	alpha_cell	<i>RPS2</i>	5.87E-05	0.015980573	0.999943832	1
T1DM	alpha_cell	<i>UQCRC2</i>	-0.000993468	0.002364277	0.999943832	1
T1DM	alpha_cell	<i>NT5C3B</i>	-0.00063685	0.042710555	0.999943832	1
T1DM	alpha_cell	<i>MILR1</i>	-0.003093424	0.041739746	0.999943832	1
T1DM	alpha_cell	<i>FBF1</i>	-0.003876752	0.006709831	0.999943832	1
T1DM	alpha_cell	<i>EVPL</i>	-0.008561266	0.012174558	0.999943832	1
T1DM	alpha_cell	<i>PSMG2</i>	0.000367314	0.048370008	0.999943832	1
T1DM	alpha_cell	<i>PLIN3</i>	0.000372441	0.032238103	0.999943832	1
T1DM	alpha_cell	<i>INSR</i>	0.000540636	0.036365969	0.999943832	1
T1DM	alpha_cell	<i>MRPL34</i>	-0.000455705	0.046656372	0.999943832	1
T1DM	alpha_cell	<i>SMG9</i>	0.001556863	0.002650008	0.999943832	1
T1DM	alpha_cell	<i>ZNF880</i>	0.000866344	0.025450645	0.999943832	1
T1DM	alpha_cell	<i>ZNF329</i>	0.001809175	0.001840017	0.999943832	1
T1DM	alpha_cell	<i>MRPS26</i>	-0.00037538	0.049174006	0.999943832	1
T1DM	alpha_cell	<i>ISM1</i>	-0.004898983	0.026562421	0.999943832	1
T1DM	alpha_cell	<i>MANBAL</i>	-0.000504624	0.040016723	0.999943832	1
T1DM	alpha_cell	<i>CLDN14</i>	-0.002814161	0.032360223	0.999943832	1
T1DM	alpha_cell	<i>HLCS</i>	0.001214768	0.047495793	0.999943832	1
T1DM	alpha_cell	<i>TOB2</i>	-0.001040276	0.03120111	0.999943832	1
T1DM	alpha_cell	<i>NDUFA6</i>	0.000343406	0.040813384	0.999943832	1
T1DM	alpha_cell	<i>TBC1D22A</i>	0.000943616	0.039407532	0.999943832	1
T1DM	beta_cell	<i>CTPS1</i>	-0.002543315	0.001498805	0.99976419	1
T1DM	beta_cell	<i>LYG1</i>	-0.004616901	0.038937411	0.99976419	1
T1DM	beta_cell	<i>SCTR</i>	-0.001451753	0.031812706	0.99976419	1
T1DM	beta_cell	<i>CMTM7</i>	0.001786433	0.022062821	0.99976419	1
T1DM	beta_cell	<i>VIPR1</i>	0.00389934	0.0225919	0.99976419	1
T1DM	beta_cell	<i>LTF</i>	-0.00541533	0.00580999	0.99976419	1
T1DM	beta_cell	<i>UBA7</i>	-0.006440635	0.039617691	0.99976419	1
T1DM	beta_cell	<i>RBM6</i>	-0.000657704	0.000542884	0.99976419	1
T1DM	beta_cell	<i>PRICKLE2</i>	-0.001536058	0.045475963	0.99976419	1
T1DM	beta_cell	<i>TMEM45A</i>	-0.001613277	0.024973363	0.99976419	1
T1DM	beta_cell	<i>DOK7</i>	0.004458995	0.035761179	0.99976419	1
T1DM	beta_cell	<i>EIF4EBP3</i>	-0.000946925	0.041486905	0.99976419	1
T1DM	beta_cell	<i>MBOAT1</i>	-0.006515984	0.030474132	0.99976419	1
T1DM	beta_cell	<i>SRSF12</i>	-0.002412225	0.046385628	0.99976419	1
T1DM	beta_cell	<i>REV3L</i>	0.000882526	0.008123029	0.99976419	1

T1DM	beta_cell	<i>JAZF1</i>	-0.001237651	0.046808788	0.99976419	1
T1DM	beta_cell	<i>SLC25A13</i>	0.000668999	0.018732622	0.99976419	1
T1DM	beta_cell	<i>RASA4B</i>	-0.007809973	0.020941135	0.99976419	1
T1DM	beta_cell	<i>LY6E</i>	-0.001198746	0.008149883	0.99976419	1
T1DM	beta_cell	<i>VPS28</i>	-0.00087354	0.002686803	0.99976419	1
T1DM	beta_cell	<i>TMEM38B</i>	-0.000725059	0.009165987	0.99976419	1
T1DM	beta_cell	<i>STOX1</i>	0.0029195	0.047949306	0.99976419	1
T1DM	beta_cell	<i>ACSL5</i>	-0.003920691	0.035197884	0.99976419	1
T1DM	beta_cell	<i>LHPP</i>	0.003108115	0.003175009	0.99976419	1
T1DM	beta_cell	<i>OR52N4</i>	0.011607041	0.0126635	0.99976419	1
T1DM	beta_cell	<i>SAAL1</i>	0.00188371	0.011314167	0.99976419	1
T1DM	beta_cell	<i>NAA40</i>	-0.001113509	0.042516876	0.99976419	1
T1DM	beta_cell	<i>FLRT1</i>	-0.003457063	0.041894223	0.99976419	1
T1DM	beta_cell	<i>PGM2L1</i>	-0.000879201	0.044159058	0.99976419	1
T1DM	beta_cell	<i>ACSS3</i>	0.005832486	0.031056504	0.99976419	1
T1DM	beta_cell	<i>CEP290</i>	-0.000930316	0.022377116	0.99976419	1
T1DM	beta_cell	<i>PRDM4</i>	-0.000584435	0.049111622	0.99976419	1
T1DM	beta_cell	<i>ZNF10</i>	-0.001074431	0.042835024	0.99976419	1
T1DM	beta_cell	<i>GPC6</i>	0.000730555	0.029479206	0.99976419	1
T1DM	beta_cell	<i>CDC16</i>	-0.000940416	0.018086977	0.99976419	1
T1DM	beta_cell	<i>ESR2</i>	-0.003222978	0.03069742	0.99976419	1
T1DM	beta_cell	<i>ATP8B4</i>	0.007254948	0.013077175	0.99976419	1
T1DM	beta_cell	<i>CYP19A1</i>	0.005124102	0.038326344	0.99976419	1
T1DM	beta_cell	<i>DMXL2</i>	-0.001676304	0.016642598	0.99976419	1
T1DM	beta_cell	<i>LIPC</i>	-0.004430146	0.027287271	0.99976419	1
T1DM	beta_cell	<i>RPP25</i>	-0.001172885	0.009623453	0.99976419	1
T1DM	beta_cell	<i>RASGRF1</i>	-0.003351391	0.002382222	0.99976419	1
T1DM	beta_cell	<i>ALDH3A2</i>	-0.000635698	0.045013056	0.99976419	1
T1DM	beta_cell	<i>ABCC3</i>	-0.001728934	0.030073831	0.99976419	1
T1DM	beta_cell	<i>TEX14</i>	-0.002316289	0.01020705	0.99976419	1
T1DM	beta_cell	<i>PTRH2</i>	0.000889445	0.044001725	0.99976419	1
T1DM	beta_cell	<i>GCDH</i>	-0.00183867	0.03740081	0.99976419	1
T1DM	beta_cell	<i>MAG</i>	-0.013078577	0.002227802	0.99976419	1
T1DM	beta_cell	<i>CD22</i>	-0.005055362	0.011251986	0.99976419	1
T1DM	beta_cell	<i>LYPD5</i>	0.002980935	0.012925144	0.99976419	1
T1DM	beta_cell	<i>FUZ</i>	-0.002058509	0.035899053	0.99976419	1
T1DM	beta_cell	<i>ZNF320</i>	-0.007077619	0.036813055	0.99976419	1
T1DM	beta_cell	<i>ZNF211</i>	0.001252868	0.016620517	0.99976419	1
T1DM	beta_cell	<i>VPS16</i>	-0.001731375	0.047584821	0.99976419	1
T1DM	beta_cell	<i>TMEM230</i>	-0.000419914	0.031969898	0.99976419	1
T1DM	beta_cell	<i>APMAP</i>	-0.000843302	0.028263061	0.99976419	1
T1DM	beta_cell	<i>PWP2</i>	-0.00894786	0.034343413	0.99976419	1
T1DM	delta_cell	<i>MFAP2</i>	0.00274009	0.029863712	0.999560344	1
T1DM	delta_cell	<i>FAM183A</i>	0.002357689	0.020073621	0.999560344	1
T1DM	delta_cell	<i>OMA1</i>	0.001606535	0.042469325	0.999560344	1
T1DM	delta_cell	<i>LRRC39</i>	-0.00262645	0.048716139	0.999560344	1
T1DM	delta_cell	<i>RTCA</i>	0.000846147	0.019181422	0.999560344	1
T1DM	delta_cell	<i>KCNN3</i>	0.00314505	0.025463797	0.999560344	1
T1DM	delta_cell	<i>GORAB</i>	-0.001381805	0.011227468	0.999560344	1
T1DM	delta_cell	<i>ZNF678</i>	0.002501819	0.022708092	0.999560344	1
T1DM	delta_cell	<i>IL1RL2</i>	0.003944471	0.015306289	0.999560344	1
T1DM	delta_cell	<i>SH3RF3</i>	0.003814784	0.002816633	0.999560344	1
T1DM	delta_cell	<i>QRICH1</i>	0.000619003	0.036884391	0.999560344	1
T1DM	delta_cell	<i>ARL6IP5</i>	-0.00037794	0.002596504	0.999560344	1
T1DM	delta_cell	<i>ACKR4</i>	-0.003195522	0.031431893	0.999560344	1
T1DM	delta_cell	<i>MGST2</i>	0.001432292	0.041885853	0.999560344	1

T1DM	delta_cell	<i>DNAH5</i>	0.003145561	0.001962668	0.999560344	1
T1DM	delta_cell	<i>REEP5</i>	-0.000215113	0.017524811	0.999560344	1
T1DM	delta_cell	<i>SLC22A5</i>	0.001373488	0.038528529	0.999560344	1
T1DM	delta_cell	<i>CCNG1</i>	-0.000553999	0.043791948	0.999560344	1
T1DM	delta_cell	<i>HLA-DOB</i>	-0.013066347	0.04290893	0.999560344	1
T1DM	delta_cell	<i>SNRPC</i>	0.00052382	0.021027018	0.999560344	1
T1DM	delta_cell	<i>PRPH2</i>	0.004284712	0.031936148	0.999560344	1
T1DM	delta_cell	<i>B3GAT2</i>	-0.002206055	0.037227294	0.999560344	1
T1DM	delta_cell	<i>RNF146</i>	0.001565037	0.009818595	0.999560344	1
T1DM	delta_cell	<i>PHACTR2</i>	0.000592799	0.014643518	0.999560344	1
T1DM	delta_cell	<i>DBNL</i>	-0.00116275	0.037707965	0.999560344	1
T1DM	delta_cell	<i>CLDN3</i>	0.000848638	0.014866713	0.999560344	1
T1DM	delta_cell	<i>GIMAP6</i>	-0.00196448	0.001548063	0.999560344	1
T1DM	delta_cell	<i>ESYT2</i>	0.001412351	0.02675773	0.999560344	1
T1DM	delta_cell	<i>TNFRSF10D</i>	0.002068979	0.033626776	0.999560344	1
T1DM	delta_cell	<i>ESCO2</i>	0.006664583	0.012421662	0.999560344	1
T1DM	delta_cell	<i>ZNF623</i>	0.002812992	0.031669309	0.999560344	1
T1DM	delta_cell	<i>AS3MT</i>	0.002342867	0.009663	0.999560344	1
T1DM	delta_cell	<i>PWWP2B</i>	-0.001979716	0.044121342	0.999560344	1
T1DM	delta_cell	<i>KDM4E</i>	-0.012089709	0.016834716	0.999560344	1
T1DM	delta_cell	<i>ANKK1</i>	-0.012611083	0.049790913	0.999560344	1
T1DM	delta_cell	<i>SLC6A12</i>	0.008878871	0.015357439	0.999560344	1
T1DM	delta_cell	<i>ERBB3</i>	0.001331676	0.034059072	0.999560344	1
T1DM	delta_cell	<i>GGACT</i>	0.004487952	0.014027306	0.999560344	1
T1DM	delta_cell	<i>PHLPP2</i>	-0.00063444	0.036316239	0.999560344	1
T1DM	delta_cell	<i>TMEM220</i>	-0.001041557	0.038364315	0.999560344	1
T1DM	delta_cell	<i>KRT23</i>	0.002206732	0.009670622	0.999560344	1
T1DM	delta_cell	<i>LINC01152</i>	0.00822782	0.006667514	0.999560344	1
T1DM	delta_cell	<i>KRII</i>	0.00204921	0.046400127	0.999560344	1
T1DM	delta_cell	<i>SPC24</i>	0.007462276	0.033426654	0.999560344	1
T1DM	delta_cell	<i>FARSA</i>	-0.001002497	0.041168872	0.999560344	1
T1DM	delta_cell	<i>ZNF507</i>	0.000526926	0.042750208	0.999560344	1
T1DM	delta_cell	<i>GP6</i>	-0.005401727	0.019297086	0.999560344	1
T1DM	delta_cell	<i>RDH13</i>	0.001559944	0.045930423	0.999560344	1
T1DM	delta_cell	<i>SYT5</i>	0.000982948	0.018858265	0.999560344	1
T1DM	delta_cell	<i>ZNF772</i>	0.003221066	0.035138769	0.999560344	1
T1DM	delta_cell	<i>HMGNI</i>	0.000225553	0.016561174	0.999560344	1
T1DM	delta_cell	<i>NDUFA6</i>	-0.000404657	0.015360211	0.999560344	1
T1DM	duct_epithelial_cell	<i>CDA</i>	-0.004249812	0.028619121	0.999939044	1
T1DM	duct_epithelial_cell	<i>HFMI</i>	0.003423468	0.026744467	0.999939044	1
T1DM	duct_epithelial_cell	<i>DR1</i>	-0.000944272	0.015192792	0.999939044	1
T1DM	duct_epithelial_cell	<i>ALDH9A1</i>	0.000760375	0.043531375	0.999939044	1
T1DM	duct_epithelial_cell	<i>ARID4B</i>	-0.000368234	0.01057413	0.999939044	1
T1DM	duct_epithelial_cell	<i>SDCCAG8</i>	-0.000450204	0.029175224	0.999939044	1
T1DM	duct_epithelial_cell	<i>ZNF496</i>	-0.000855485	0.04388537	0.999939044	1
T1DM	duct_epithelial_cell	<i>NAT8</i>	0.000882724	0.022997266	0.999939044	1
T1DM	duct_epithelial_cell	<i>COX5B</i>	-0.000208484	0.044008305	0.999939044	1
T1DM	duct_epithelial_cell	<i>LIMS3</i>	-0.00892974	0.029894125	0.999939044	1
T1DM	duct_epithelial_cell	<i>CCDC141</i>	0.001309559	0.030299793	0.999939044	1
T1DM	duct_epithelial_cell	<i>CTDSPL</i>	-0.000567294	0.031070517	0.999939044	1
T1DM	duct_epithelial_cell	<i>CHMP2B</i>	-0.000242129	0.017197654	0.999939044	1
T1DM	duct_epithelial_cell	<i>P2RY12</i>	-0.015361055	0.044453832	0.999939044	1
T1DM	duct_epithelial_cell	<i>MRPL47</i>	-0.000343442	0.030275279	0.999939044	1
T1DM	duct_epithelial_cell	<i>N4BP2</i>	0.001036001	0.00389244	0.999939044	1
T1DM	duct_epithelial_cell	<i>EXOC3</i>	-0.001019035	0.016706802	0.999939044	1
T1DM	duct_epithelial_cell	<i>ZDHHC11</i>	-0.003050985	0.048202051	0.999939044	1

T1DM	duct_epithelial_cell	<i>DROSHA</i>	-0.002721986	0.034958175	0.999939044	1
T1DM	duct_epithelial_cell	<i>CAST</i>	-0.000255645	0.006901058	0.999939044	1
T1DM	duct_epithelial_cell	<i>CCDC69</i>	-0.001277747	0.024482243	0.999939044	1
T1DM	duct_epithelial_cell	<i>DCDC2</i>	0.001292397	0.042502966	0.999939044	1
T1DM	duct_epithelial_cell	<i>ZNF165</i>	-0.002189541	0.01612825	0.999939044	1
T1DM	duct_epithelial_cell	<i>HLA-F</i>	-0.001258855	0.034004598	0.999939044	1
T1DM	duct_epithelial_cell	<i>HMGAI</i>	-0.000341776	0.021084573	0.999939044	1
T1DM	duct_epithelial_cell	<i>NFYA</i>	-0.001717591	0.030601777	0.999939044	1
T1DM	duct_epithelial_cell	<i>TPD52L1</i>	-0.001004981	0.022707711	0.999939044	1
T1DM	duct_epithelial_cell	<i>CYP2W1</i>	0.015729333	0.035911882	0.999939044	1
T1DM	duct_epithelial_cell	<i>PRR15</i>	0.003259514	0.004064131	0.999939044	1
T1DM	duct_epithelial_cell	<i>EPDR1</i>	0.002324634	0.03410404	0.999939044	1
T1DM	duct_epithelial_cell	<i>MMP16</i>	-0.001607094	0.047947728	0.999939044	1
T1DM	duct_epithelial_cell	<i>DEPTOR</i>	-0.002066931	0.031292924	0.999939044	1
T1DM	duct_epithelial_cell	<i>PTPRD</i>	-0.002229122	0.013101757	0.999939044	1
T1DM	duct_epithelial_cell	<i>DDX31</i>	-0.001623067	0.025648378	0.999939044	1
T1DM	duct_epithelial_cell	<i>GTPBP4</i>	-0.000414223	0.02999979	0.999939044	1
T1DM	duct_epithelial_cell	<i>LINC00865</i>	-0.001864402	0.02501486	0.999939044	1
T1DM	duct_epithelial_cell	<i>RRAS2</i>	-0.000722412	0.041925725	0.999939044	1
T1DM	duct_epithelial_cell	<i>FLRT1</i>	0.004118867	0.015654364	0.999939044	1
T1DM	duct_epithelial_cell	<i>CCDC88B</i>	0.004586569	0.032533913	0.999939044	1
T1DM	duct_epithelial_cell	<i>CCDC92</i>	0.000900857	0.007014472	0.999939044	1
T1DM	duct_epithelial_cell	<i>RIMBP2</i>	0.000966309	0.012394624	0.999939044	1
T1DM	duct_epithelial_cell	<i>MPHOSPH8</i>	-0.000322703	0.038633853	0.999939044	1
T1DM	duct_epithelial_cell	<i>RFC3</i>	0.001514677	0.002645295	0.999939044	1
T1DM	duct_epithelial_cell	<i>VIPAS39</i>	-0.00298129	0.01586816	0.999939044	1
T1DM	duct_epithelial_cell	<i>CHRNA7</i>	-0.002616236	0.040400787	0.999939044	1
T1DM	duct_epithelial_cell	<i>DNAJC17</i>	-0.002114496	0.020165814	0.999939044	1
T1DM	duct_epithelial_cell	<i>SNUPN</i>	0.002185488	0.001035314	0.999939044	1
T1DM	duct_epithelial_cell	<i>TPSD1</i>	-0.010387962	0.037509069	0.999939044	1
T1DM	duct_epithelial_cell	<i>IRX3</i>	-0.004868006	0.040579688	0.999939044	1
T1DM	duct_epithelial_cell	<i>ALDH3A2</i>	0.000687436	0.030531861	0.999939044	1
T1DM	duct_epithelial_cell	<i>CWC25</i>	-0.000607742	0.018642545	0.999939044	1
T1DM	duct_epithelial_cell	<i>PPP1R14A</i>	-0.002536393	0.007213975	0.999939044	1
T1DM	duct_epithelial_cell	<i>ZNF816</i>	0.001878695	0.01625138	0.999939044	1
T1DM	duct_epithelial_cell	<i>ZNF304</i>	-0.001119229	0.042647872	0.999939044	1
T1DM	duct_epithelial_cell	<i>TMC2</i>	0.017876455	0.04178825	0.999939044	1
T1DM	duct_epithelial_cell	<i>SUSD2</i>	0.001909024	0.041719597	0.999939044	1
T1DM	endothelial_cell	<i>FAM43B</i>	0.006859152	0.043554967	0.99981471	1
T1DM	endothelial_cell	<i>HFM1</i>	0.003362342	0.02869319	0.99981471	1
T1DM	endothelial_cell	<i>CELSR2</i>	-0.000998946	0.016976627	0.99981471	1
T1DM	endothelial_cell	<i>SORT1</i>	-0.00054529	0.020208091	0.99981471	1
T1DM	endothelial_cell	<i>ST7L</i>	-0.001239806	0.045368999	0.99981471	1
T1DM	endothelial_cell	<i>TTC32</i>	0.000500529	0.003225993	0.99981471	1
T1DM	endothelial_cell	<i>ATRAID</i>	-0.000292828	0.034759408	0.99981471	1
T1DM	endothelial_cell	<i>POLR1B</i>	-0.00140548	0.021607899	0.99981471	1
T1DM	endothelial_cell	<i>DUSP19</i>	-0.00746355	0.033791814	0.99981471	1
T1DM	endothelial_cell	<i>LRRN1</i>	-0.005885517	0.01618329	0.99981471	1
T1DM	endothelial_cell	<i>VIPR1</i>	-0.003387766	0.048702268	0.99981471	1
T1DM	endothelial_cell	<i>EOGT</i>	-0.000774904	0.043895921	0.99981471	1
T1DM	endothelial_cell	<i>MSX1</i>	-0.000910072	0.0322851	0.99981471	1
T1DM	endothelial_cell	<i>CXCL6</i>	0.001471133	0.045985018	0.99981471	1
T1DM	endothelial_cell	<i>TMCO6</i>	-0.006226873	0.038729689	0.99981471	1
T1DM	endothelial_cell	<i>SMIM8</i>	0.001854547	0.027096981	0.99981471	1
T1DM	endothelial_cell	<i>REV3L</i>	-0.000800066	0.016540238	0.99981471	1
T1DM	endothelial_cell	<i>NUS1</i>	0.000438958	0.014927584	0.99981471	1

T1DM	endothelial_cell	<i>PHACTR2</i>	-0.000570751	0.018635329	0.99981471	1
T1DM	endothelial_cell	<i>SAMD5</i>	0.000711701	0.037405605	0.99981471	1
T1DM	endothelial_cell	<i>SH2D4A</i>	-0.004095548	0.016737007	0.99981471	1
T1DM	endothelial_cell	<i>GRHPR</i>	-0.000608953	0.020101339	0.99981471	1
T1DM	endothelial_cell	<i>APBB1IP</i>	0.0072601	0.006381229	0.99981471	1
T1DM	endothelial_cell	<i>FAM149B1</i>	-0.002107597	0.006706211	0.99981471	1
T1DM	endothelial_cell	<i>IL18</i>	0.002457253	0.007130903	0.99981471	1
T1DM	endothelial_cell	<i>PIK3C2G</i>	-0.004345217	0.032775774	0.99981471	1
T1DM	endothelial_cell	<i>SRGAP1</i>	0.000499915	0.036775695	0.99981471	1
T1DM	endothelial_cell	<i>SIRT4</i>	-0.007483182	0.039907807	0.99981471	1
T1DM	endothelial_cell	<i>ATP12A</i>	-0.009191818	0.001497334	0.99981471	1
T1DM	endothelial_cell	<i>RALGAPAI</i>	0.000413497	0.021172591	0.99981471	1
T1DM	endothelial_cell	<i>JKAMP</i>	0.000664644	0.010684616	0.99981471	1
T1DM	endothelial_cell	<i>MARK3</i>	-0.000361496	0.043220397	0.99981471	1
T1DM	endothelial_cell	<i>CEP170B</i>	-0.00110222	0.004892975	0.99981471	1
T1DM	endothelial_cell	<i>KNSTRN</i>	0.002192763	0.017421912	0.99981471	1
T1DM	endothelial_cell	<i>RPP25</i>	0.00136443	0.002494358	0.99981471	1
T1DM	endothelial_cell	<i>CIB2</i>	0.001648196	0.044953552	0.99981471	1
T1DM	endothelial_cell	<i>CIB1</i>	-0.000358124	0.030265931	0.99981471	1
T1DM	endothelial_cell	<i>WDR90</i>	-0.002321349	0.046399841	0.99981471	1
T1DM	endothelial_cell	<i>ARID3A</i>	0.001557346	0.034647175	0.99981471	1
T1DM	endothelial_cell	<i>NUP62</i>	-0.001390153	0.004986259	0.99981471	1
T1DM	endothelial_cell	<i>ZNF304</i>	-0.001801062	0.001146092	0.99981471	1
T1DM	epsilon_cell	<i>VAMP3</i>	-0.000419346	0.028655824	0.999851713	1
T1DM	epsilon_cell	<i>LURAP1</i>	0.006366825	0.015512911	0.999851713	1
T1DM	epsilon_cell	<i>GNG5</i>	-0.000251614	0.035406054	0.999851713	1
T1DM	epsilon_cell	<i>RBMXL1</i>	0.001599707	0.011668842	0.999851713	1
T1DM	epsilon_cell	<i>SYPL2</i>	-0.002317439	0.027124477	0.999851713	1
T1DM	epsilon_cell	<i>FMO1</i>	-0.005085127	0.04973647	0.999851713	1
T1DM	epsilon_cell	<i>ATRAID</i>	0.000345211	0.012936054	0.999851713	1
T1DM	epsilon_cell	<i>CAD</i>	0.002549107	0.005713481	0.999851713	1
T1DM	epsilon_cell	<i>SMARCAL1</i>	-0.002177191	0.01231519	0.999851713	1
T1DM	epsilon_cell	<i>TCAIM</i>	-0.001361693	0.018290056	0.999851713	1
T1DM	epsilon_cell	<i>SLC12A8</i>	0.003011369	0.024620095	0.999851713	1
T1DM	epsilon_cell	<i>DHX36</i>	0.000321653	0.011929462	0.999851713	1
T1DM	epsilon_cell	<i>SERPINI2</i>	-0.001727799	0.028342457	0.999851713	1
T1DM	epsilon_cell	<i>DOK7</i>	0.004244656	0.045395109	0.999851713	1
T1DM	epsilon_cell	<i>HSD17B11</i>	0.000880936	0.019942346	0.999851713	1
T1DM	epsilon_cell	<i>ERAP1</i>	-0.002089058	0.031900134	0.999851713	1
T1DM	epsilon_cell	<i>DOK3</i>	-0.004904248	0.018230746	0.999851713	1
T1DM	epsilon_cell	<i>TBC1D7</i>	-0.001101804	0.023911356	0.999851713	1
T1DM	epsilon_cell	<i>MTRF1L</i>	0.000770949	0.000925515	0.999851713	1
T1DM	epsilon_cell	<i>PTPN12</i>	0.000892322	0.02342775	0.999851713	1
T1DM	epsilon_cell	<i>SLC35B4</i>	-0.001800815	0.015565667	0.999851713	1
T1DM	epsilon_cell	<i>ABCF2</i>	-0.000715433	0.042114135	0.999851713	1
T1DM	epsilon_cell	<i>DPP6</i>	-0.001237518	0.03244846	0.999851713	1
T1DM	epsilon_cell	<i>TMEM8B</i>	0.001678523	0.039890479	0.999851713	1
T1DM	epsilon_cell	<i>DBH</i>	0.000806687	0.025151064	0.999851713	1
T1DM	epsilon_cell	<i>TMEM236</i>	-0.001845545	0.047083823	0.999851713	1
T1DM	epsilon_cell	<i>SGPL1</i>	0.000674503	0.029597917	0.999851713	1
T1DM	epsilon_cell	<i>FAM149B1</i>	0.002046082	0.008260514	0.999851713	1
T1DM	epsilon_cell	<i>PTEN</i>	0.00029686	0.038888917	0.999851713	1
T1DM	epsilon_cell	<i>LINC00865</i>	-0.001977268	0.017303881	0.999851713	1
T1DM	epsilon_cell	<i>NOC3L</i>	-0.001487931	0.036977588	0.999851713	1
T1DM	epsilon_cell	<i>SMC3</i>	0.000668665	0.049066226	0.999851713	1
T1DM	epsilon_cell	<i>TMEM80</i>	0.001613658	0.038177914	0.999851713	1

T1DM	epsilon_cell	<i>TM7SF3</i>	0.001567021	0.024666717	0.999851713	1
T1DM	epsilon_cell	<i>MED21</i>	0.000972963	0.04286199	0.999851713	1
T1DM	epsilon_cell	<i>ARID2</i>	0.001754161	0.023817111	0.999851713	1
T1DM	epsilon_cell	<i>LRIG3</i>	-0.001802514	0.015319846	0.999851713	1
T1DM	epsilon_cell	<i>ZNF10</i>	0.001085483	0.040316642	0.999851713	1
T1DM	epsilon_cell	<i>USP8</i>	0.000475848	0.040857947	0.999851713	1
T1DM	epsilon_cell	<i>ALPK3</i>	0.000483834	0.00817392	0.999851713	1
T1DM	epsilon_cell	<i>NAA60</i>	-0.000436634	0.049336982	0.999851713	1
T1DM	epsilon_cell	<i>NAGPA</i>	-0.001929722	0.01307469	0.999851713	1
T1DM	epsilon_cell	<i>AQP8</i>	-0.00166823	0.036535224	0.999851713	1
T1DM	epsilon_cell	<i>MPHOSPH6</i>	0.000593073	0.046943869	0.999851713	1
T1DM	epsilon_cell	<i>FAM106A</i>	-0.002539187	0.040029768	0.999851713	1
T1DM	epsilon_cell	<i>MED24</i>	0.001697476	0.016049315	0.999851713	1
T1DM	epsilon_cell	<i>SRP68</i>	-0.001040534	0.043136497	0.999851713	1
T1DM	epsilon_cell	<i>ZNF555</i>	-0.000969145	0.005765279	0.999851713	1
T1DM	epsilon_cell	<i>ZNF556</i>	-0.00520292	0.008238655	0.999851713	1
T1DM	epsilon_cell	<i>SLC25A41</i>	0.010761065	0.019838767	0.999851713	1
T1DM	epsilon_cell	<i>ZNF304</i>	0.001349093	0.014614427	0.999851713	1
T1DM	epsilon_cell	<i>ZNF749</i>	-0.001311677	0.047570602	0.999851713	1
T1DM	leukocyte	<i>Clorf109</i>	0.001477824	0.000298896	0.9999464	1
T1DM	leukocyte	<i>PPP3R1</i>	0.000514136	0.015035805	0.9999464	1
T1DM	leukocyte	<i>IL1RL2</i>	-0.004290942	0.008450433	0.9999464	1
T1DM	leukocyte	<i>MERTK</i>	-0.001642675	0.048481398	0.9999464	1
T1DM	leukocyte	<i>TMEM185B</i>	0.00140364	0.030021912	0.9999464	1
T1DM	leukocyte	<i>NT5DC2</i>	-0.00079078	0.042664489	0.9999464	1
T1DM	leukocyte	<i>DHX36</i>	-0.00028289	0.027391792	0.9999464	1
T1DM	leukocyte	<i>SRD5A3</i>	-0.001280126	0.014828854	0.9999464	1
T1DM	leukocyte	<i>NSA2</i>	0.000274598	0.009552425	0.9999464	1
T1DM	leukocyte	<i>TXNDC5</i>	-0.001684227	0.011226877	0.9999464	1
T1DM	leukocyte	<i>SMPD2</i>	-0.001362586	0.024461327	0.9999464	1
T1DM	leukocyte	<i>TES</i>	-0.00075177	0.043791659	0.9999464	1
T1DM	leukocyte	<i>RNF122</i>	-0.008432996	0.003062355	0.9999464	1
T1DM	leukocyte	<i>MMP16</i>	0.00205701	0.011317256	0.9999464	1
T1DM	leukocyte	<i>CXCL12</i>	-0.001879462	0.046988166	0.9999464	1
T1DM	leukocyte	<i>IFITM1</i>	0.002362362	0.021466768	0.9999464	1
T1DM	leukocyte	<i>LDHC</i>	-0.009216719	0.011249352	0.9999464	1
T1DM	leukocyte	<i>ASRGL1</i>	-0.00118951	0.034300291	0.9999464	1
T1DM	leukocyte	<i>IL18</i>	-0.002140995	0.019550828	0.9999464	1
T1DM	leukocyte	<i>SNX19</i>	-0.000879999	0.038927642	0.9999464	1
T1DM	leukocyte	<i>TEAD4</i>	0.001505029	0.028810449	0.9999464	1
T1DM	leukocyte	<i>CALCOCO1</i>	0.000751656	0.02026273	0.9999464	1
T1DM	leukocyte	<i>COQ5</i>	0.002100715	0.031785228	0.9999464	1
T1DM	leukocyte	<i>HSPA2</i>	-0.00091389	0.005913473	0.9999464	1
T1DM	leukocyte	<i>LIN52</i>	-0.001395745	0.024867701	0.9999464	1
T1DM	leukocyte	<i>GSTZ1</i>	0.00212211	0.013798418	0.9999464	1
T1DM	leukocyte	<i>MARK3</i>	-0.00044842	0.012151475	0.9999464	1
T1DM	leukocyte	<i>PLCB2</i>	-0.011321378	0.026507411	0.9999464	1
T1DM	leukocyte	<i>USP8</i>	-0.000496754	0.03525747	0.9999464	1
T1DM	leukocyte	<i>FAHD1</i>	-0.001648532	0.020570024	0.9999464	1
T1DM	leukocyte	<i>LINC01152</i>	0.006945822	0.021672349	0.9999464	1
T1DM	leukocyte	<i>CEP192</i>	-0.001378539	0.022886165	0.9999464	1
T1DM	leukocyte	<i>ME2</i>	0.001269413	0.021560899	0.9999464	1
T1DM	leukocyte	<i>TXNL4A</i>	-0.000488301	0.012543296	0.9999464	1
T1DM	leukocyte	<i>ITPKC</i>	0.001003049	0.018649763	0.9999464	1
T1DM	leukocyte	<i>MYH14</i>	0.000600221	0.045612014	0.9999464	1
T1DM	leukocyte	<i>GP6</i>	0.005205505	0.024113704	0.9999464	1

T1DM	leukocyte	<i>SYT5</i>	-0.000815602	0.049369292	0.9999464	1
T1DM	leukocyte	<i>OPRL1</i>	0.008350799	0.005200584	0.9999464	1
T1DM	leukocyte	<i>CLDN14</i>	-0.003124718	0.017743077	0.9999464	1
T1DM	leukocyte	<i>DIP2A</i>	-0.001507356	0.016321992	0.9999464	1
T1DM	mesenchymal_cell	<i>RBMXL1</i>	-0.001513454	0.017394915	0.999683243	1
T1DM	mesenchymal_cell	<i>HFM1</i>	-0.003202853	0.036778356	0.999683243	1
T1DM	mesenchymal_cell	<i>CCDC18</i>	-0.002254152	0.017402652	0.999683243	1
T1DM	mesenchymal_cell	<i>DR1</i>	0.000824434	0.033376683	0.999683243	1
T1DM	mesenchymal_cell	<i>LRRC39</i>	0.003942717	0.00322596	0.999683243	1
T1DM	mesenchymal_cell	<i>ATPIA1</i>	-0.00046488	0.020274195	0.999683243	1
T1DM	mesenchymal_cell	<i>NUDT17</i>	-0.00184055	0.020500115	0.999683243	1
T1DM	mesenchymal_cell	<i>FIGLA</i>	-0.0125369	0.032299133	0.999683243	1
T1DM	mesenchymal_cell	<i>PAIP2B</i>	0.001143779	0.018261817	0.999683243	1
T1DM	mesenchymal_cell	<i>ACVR2A</i>	-0.001020307	0.034210145	0.999683243	1
T1DM	mesenchymal_cell	<i>USP40</i>	-0.002045774	0.029173995	0.999683243	1
T1DM	mesenchymal_cell	<i>SLC6A11</i>	-0.009562556	0.043485233	0.999683243	1
T1DM	mesenchymal_cell	<i>EFHB</i>	-0.002044545	0.046754948	0.999683243	1
T1DM	mesenchymal_cell	<i>HIGD1A</i>	-0.000762499	0.00695848	0.999683243	1
T1DM	mesenchymal_cell	<i>HYAL3</i>	-0.004553891	0.04108185	0.999683243	1
T1DM	mesenchymal_cell	<i>ARL6IP5</i>	-0.000341437	0.006578995	0.999683243	1
T1DM	mesenchymal_cell	<i>CGGBP1</i>	0.000395349	0.006260288	0.999683243	1
T1DM	mesenchymal_cell	<i>DOK7</i>	-0.005436353	0.010199348	0.999683243	1
T1DM	mesenchymal_cell	<i>MSX1</i>	0.001122722	0.008571942	0.999683243	1
T1DM	mesenchymal_cell	<i>RPL9</i>	7.59E-05	0.046314466	0.999683243	1
T1DM	mesenchymal_cell	<i>CXCL6</i>	-0.001529815	0.038338518	0.999683243	1
T1DM	mesenchymal_cell	<i>HSD17B11</i>	0.000745465	0.049699231	0.999683243	1
T1DM	mesenchymal_cell	<i>FNIP2</i>	-0.000844024	0.006618693	0.999683243	1
T1DM	mesenchymal_cell	<i>SLC6A19</i>	-0.009531132	0.027923568	0.999683243	1
T1DM	mesenchymal_cell	<i>NNT</i>	-0.000964647	0.010383456	0.999683243	1
T1DM	mesenchymal_cell	<i>POLK</i>	-0.000535866	0.011970916	0.999683243	1
T1DM	mesenchymal_cell	<i>EIF4EBP3</i>	0.000950787	0.040219184	0.999683243	1
T1DM	mesenchymal_cell	<i>PCDHA13</i>	-0.005729485	0.034384476	0.999683243	1
T1DM	mesenchymal_cell	<i>CCNG1</i>	-0.000721762	0.008161421	0.999683243	1
T1DM	mesenchymal_cell	<i>DCDC2</i>	-0.001395141	0.028197612	0.999683243	1
T1DM	mesenchymal_cell	<i>SLC17A4</i>	0.010528364	0.03887539	0.999683243	1
T1DM	mesenchymal_cell	<i>C6orf141</i>	-0.002902114	0.02338563	0.999683243	1
T1DM	mesenchymal_cell	<i>SUMF2</i>	-0.000545306	0.045296997	0.999683243	1
T1DM	mesenchymal_cell	<i>TES</i>	0.000770484	0.038432208	0.999683243	1
T1DM	mesenchymal_cell	<i>ESYT2</i>	-0.001385898	0.028723964	0.999683243	1
T1DM	mesenchymal_cell	<i>PTPRD</i>	0.002116245	0.02086418	0.999683243	1
T1DM	mesenchymal_cell	<i>OLFML2A</i>	0.005632024	0.000218346	0.816833511	0.816833511
T1DM	mesenchymal_cell	<i>SURF6</i>	-0.000666709	0.034942789	0.999683243	1
T1DM	mesenchymal_cell	<i>PRKCQ</i>	-0.005940118	0.027811836	0.999683243	1
T1DM	mesenchymal_cell	<i>ALOX5</i>	0.001890693	0.00753569	0.999683243	1
T1DM	mesenchymal_cell	<i>STOX1</i>	-0.003487817	0.018586904	0.999683243	1
T1DM	mesenchymal_cell	<i>AFAP1L2</i>	-0.006766141	0.040043269	0.999683243	1
T1DM	mesenchymal_cell	<i>ALG8</i>	-0.002033645	0.007130393	0.999683243	1
T1DM	mesenchymal_cell	<i>CALCOCO1</i>	0.000804972	0.013071096	0.999683243	1
T1DM	mesenchymal_cell	<i>GTSF1</i>	-0.010283819	0.035175551	0.999683243	1
T1DM	mesenchymal_cell	<i>CEP290</i>	0.000948062	0.020314251	0.999683243	1
T1DM	mesenchymal_cell	<i>PLBD2</i>	0.000890514	0.03949785	0.999683243	1
T1DM	mesenchymal_cell	<i>ZNF10</i>	-0.001115355	0.03553341	0.999683243	1
T1DM	mesenchymal_cell	<i>NEK3</i>	-0.00177385	0.0173062	0.999683243	1
T1DM	mesenchymal_cell	<i>OIP5</i>	-0.006424168	0.032478018	0.999683243	1
T1DM	mesenchymal_cell	<i>USP8</i>	-0.000528362	0.021666702	0.999683243	1
T1DM	mesenchymal_cell	<i>TLE3</i>	-0.000833274	0.003449337	0.999683243	1

T1DM	mesenchymal_cell	<i>DCAKD</i>	-0.00150337	0.017524704	0.999683243	1
T1DM	mesenchymal_cell	<i>TEX14</i>	0.002080912	0.021173619	0.999683243	1
T1DM	mesenchymal_cell	<i>RPS6KB1</i>	-0.000508892	0.034897276	0.999683243	1
T1DM	mesenchymal_cell	<i>MRPL54</i>	-0.000468989	0.030525368	0.999683243	1
T1DM	mesenchymal_cell	<i>ZNF112</i>	0.001233468	0.043400831	0.999683243	1
T1DM	mesenchymal_cell	<i>ZNF528</i>	-0.001359086	0.037777396	0.999683243	1
T1DM	mesenchymal_cell	<i>MRPS26</i>	-0.000497167	0.009705647	0.999683243	1
T1DM	mesenchymal_cell	<i>PTPRT</i>	-0.002563054	0.008755722	0.999683243	1
T1DM	mesenchymal_cell	<i>NCOA3</i>	-0.000573517	0.047645953	0.999683243	1
T1DM	mesenchymal_cell	<i>SPECC1L</i>	-0.001411817	0.02990107	0.999683243	1
T1DM	PP_cell	<i>CDA</i>	0.004567803	0.018841028	0.999699987	1
T1DM	PP_cell	<i>EPS15</i>	0.000910811	0.006964938	0.999699987	1
T1DM	PP_cell	<i>SRGAP2</i>	0.002126789	0.010797525	0.999699987	1
T1DM	PP_cell	<i>CHCHD5</i>	0.000573443	0.047481895	0.999699987	1
T1DM	PP_cell	<i>LY75</i>	-0.00285353	0.017787048	0.999699987	1
T1DM	PP_cell	<i>SMARCA1</i>	0.001717428	0.048527266	0.999699987	1
T1DM	PP_cell	<i>CDC25A</i>	-0.008527896	0.035707391	0.999699987	1
T1DM	PP_cell	<i>ZNF589</i>	-0.002028471	0.024357517	0.999699987	1
T1DM	PP_cell	<i>RBM6</i>	-0.000412289	0.02993609	0.999699987	1
T1DM	PP_cell	<i>NT5DC2</i>	0.000801285	0.040352053	0.999699987	1
T1DM	PP_cell	<i>C3orf52</i>	0.001567861	0.047976369	0.999699987	1
T1DM	PP_cell	<i>GMNC</i>	-0.008776952	0.016389934	0.999699987	1
T1DM	PP_cell	<i>LSG1</i>	-0.001122428	0.036629139	0.999699987	1
T1DM	PP_cell	<i>ZFYVE28</i>	0.004352641	0.021553088	0.999699987	1
T1DM	PP_cell	<i>LRPAP1</i>	-0.000275638	0.02475496	0.999699987	1
T1DM	PP_cell	<i>NSA2</i>	-0.00023622	0.024788622	0.999699987	1
T1DM	PP_cell	<i>REEP5</i>	0.000236789	0.009230583	0.999699987	1
T1DM	PP_cell	<i>MXD3</i>	-0.002737869	0.029722157	0.999699987	1
T1DM	PP_cell	<i>BCKDHB</i>	0.001186712	0.049641035	0.999699987	1
T1DM	PP_cell	<i>L3MBTL3</i>	-0.001141839	0.019246219	0.999699987	1
T1DM	PP_cell	<i>ABRACL</i>	-0.001699388	0.044353293	0.999699987	1
T1DM	PP_cell	<i>PRR15</i>	0.003047255	0.007589801	0.999699987	1
T1DM	PP_cell	<i>EPDR1</i>	-0.002882219	0.008193592	0.999699987	1
T1DM	PP_cell	<i>ABCA13</i>	0.006761417	0.034191497	0.999699987	1
T1DM	PP_cell	<i>IRF5</i>	-0.002500308	0.022855486	0.999699987	1
T1DM	PP_cell	<i>LRRRC61</i>	-0.000760614	0.049692454	0.999699987	1
T1DM	PP_cell	<i>PEX2</i>	-0.000502851	0.03333448	0.999699987	1
T1DM	PP_cell	<i>NFX1</i>	-0.000682805	0.030268034	0.999699987	1
T1DM	PP_cell	<i>MCM10</i>	0.00387412	0.047991815	0.999699987	1
T1DM	PP_cell	<i>CSGALNACT2</i>	0.00069888	0.017980834	0.999699987	1
T1DM	PP_cell	<i>CWF19L1</i>	-0.001509246	0.044304114	0.999699987	1
T1DM	PP_cell	<i>PPP2R2D</i>	-0.001046586	0.045775607	0.999699987	1
T1DM	PP_cell	<i>PAOX</i>	-0.002902423	0.021113698	0.999699987	1
T1DM	PP_cell	<i>ADCY6</i>	-0.001471674	0.008480596	0.999699987	1
T1DM	PP_cell	<i>PRDM4</i>	-0.000651126	0.028216828	0.999699987	1
T1DM	PP_cell	<i>TRPC4</i>	-0.003635911	0.013342132	0.999699987	1
T1DM	PP_cell	<i>TMEM63C</i>	-0.004438598	0.037505208	0.999699987	1
T1DM	PP_cell	<i>PIGB</i>	0.003373014	0.016905424	0.999699987	1
T1DM	PP_cell	<i>AP3S2</i>	0.000488084	0.047668576	0.999699987	1
T1DM	PP_cell	<i>EIF3C</i>	-0.001592726	0.012394297	0.999699987	1
T1DM	PP_cell	<i>OSGIN1</i>	-0.001136853	0.004117001	0.999699987	1
T1DM	PP_cell	<i>MED24</i>	0.00180044	0.010312077	0.999699987	1
T1DM	PP_cell	<i>HELZ</i>	-0.00043049	0.027924652	0.999699987	1
T1DM	PP_cell	<i>AMZ2</i>	0.001933777	0.013689353	0.999699987	1
T1DM	PP_cell	<i>NUP85</i>	0.001414546	0.034985396	0.999699987	1
T1DM	PP_cell	<i>SYNGR2</i>	-0.000663153	0.009539003	0.999699987	1

T1DM	PP_cell	<i>UBXN6</i>	-0.000741792	0.010034502	0.999699987	1
T1DM	PP_cell	<i>RGL3</i>	-0.001076065	0.035133141	0.999699987	1
T1DM	PP_cell	<i>LINC00665</i>	-0.000887059	0.031868868	0.999699987	1
T1DM	PP_cell	<i>ZNF382</i>	-0.003841327	0.006746343	0.999699987	1
T1DM	PP_cell	<i>ZNF527</i>	-0.004282255	0.037354301	0.999699987	1
T1DM	PP_cell	<i>CXCL17</i>	0.004220468	0.011684096	0.999699987	1
T1DM	PP_cell	<i>LYPD5</i>	-0.002623063	0.028993297	0.999699987	1
T1DM	PP_cell	<i>GP6</i>	-0.004556872	0.049053318	0.999699987	1
T1DM	PP_cell	<i>APMAP</i>	0.000833515	0.03004347	0.999699987	1
T1DM	PP_cell	<i>VSTM2L</i>	-0.000394377	0.049890443	0.999699987	1
Prediabetes	acinar_cell	<i>PINK1</i>	-0.000454289	0.04619248	0.999961124	1
Prediabetes	acinar_cell	<i>PAFAH2</i>	-0.000712446	0.022725183	0.999961124	1
Prediabetes	acinar_cell	<i>PEA15</i>	-0.00037073	0.045316683	0.999961124	1
Prediabetes	acinar_cell	<i>TSEN15</i>	0.000388284	0.017927158	0.999961124	1
Prediabetes	acinar_cell	<i>CHI3L1</i>	-0.000674744	0.045215531	0.999961124	1
Prediabetes	acinar_cell	<i>CAPN9</i>	-0.003457532	0.046330051	0.999961124	1
Prediabetes	acinar_cell	<i>GEN1</i>	0.001559764	0.02575571	0.999961124	1
Prediabetes	acinar_cell	<i>RPIA</i>	0.000448943	0.041840886	0.999961124	1
Prediabetes	acinar_cell	<i>GYPC</i>	-0.00024067	0.022563265	0.999961124	1
Prediabetes	acinar_cell	<i>PMS1</i>	-0.001257558	0.009214717	0.999961124	1
Prediabetes	acinar_cell	<i>UBA3</i>	-0.000607206	0.019069854	0.999961124	1
Prediabetes	acinar_cell	<i>ST3GAL6</i>	-0.000663576	0.043346887	0.999961124	1
Prediabetes	acinar_cell	<i>FAIM</i>	-0.000537983	0.019865587	0.999961124	1
Prediabetes	acinar_cell	<i>NMNAT3</i>	-0.000591408	0.042275837	0.999961124	1
Prediabetes	acinar_cell	<i>LSG1</i>	0.000639434	0.022481341	0.999961124	1
Prediabetes	acinar_cell	<i>PRDM8</i>	-0.003945056	0.013650317	0.999961124	1
Prediabetes	acinar_cell	<i>RIPK1</i>	-0.000754008	0.042549566	0.999961124	1
Prediabetes	acinar_cell	<i>MICB</i>	-0.002060775	0.040103159	0.999961124	1
Prediabetes	acinar_cell	<i>HLA-DRB1</i>	-0.000161773	0.049963065	0.999961124	1
Prediabetes	acinar_cell	<i>HLA-DMB</i>	-0.001240906	0.019343782	0.999961124	1
Prediabetes	acinar_cell	<i>HLA-DOA</i>	-0.004991849	0.014994105	0.999961124	1
Prediabetes	acinar_cell	<i>HLA-DPB1</i>	-0.000162628	0.02508638	0.999961124	1
Prediabetes	acinar_cell	<i>SLC25A13</i>	0.00039219	0.007544729	0.999961124	1
Prediabetes	acinar_cell	<i>OSTF1</i>	-0.000518809	0.039747843	0.999961124	1
Prediabetes	acinar_cell	<i>ZNF883</i>	0.003818629	0.033194284	0.999961124	1
Prediabetes	acinar_cell	<i>RAPGEF1</i>	-0.000629204	0.044855326	0.999961124	1
Prediabetes	acinar_cell	<i>CAMK1D</i>	-0.002068285	0.011634473	0.999961124	1
Prediabetes	acinar_cell	<i>ZNF37A</i>	-0.000317904	0.045813093	0.999961124	1
Prediabetes	acinar_cell	<i>IFITM3</i>	-0.000127247	0.042657762	0.999961124	1
Prediabetes	acinar_cell	<i>FLRT1</i>	-0.001862974	0.033570561	0.999961124	1
Prediabetes	acinar_cell	<i>IAPP</i>	7.73E-05	0.011670101	0.999961124	1
Prediabetes	acinar_cell	<i>ADCY6</i>	0.000668068	0.02032578	0.999961124	1
Prediabetes	acinar_cell	<i>CRADD</i>	-0.000679983	0.035373782	0.999961124	1
Prediabetes	acinar_cell	<i>UBR1</i>	-0.000794679	0.019668172	0.999961124	1
Prediabetes	acinar_cell	<i>SYCE1L</i>	-0.001312591	0.015854571	0.999961124	1
Prediabetes	acinar_cell	<i>VMO1</i>	-0.001255468	0.036258561	0.999961124	1
Prediabetes	acinar_cell	<i>SMARCD2</i>	-0.000770977	0.023783231	0.999961124	1
Prediabetes	acinar_cell	<i>ALG12</i>	-0.000696304	0.039943371	0.999961124	1
Prediabetes	acinar_cell	<i>SYCE3</i>	-0.00420944	0.031484611	0.999961124	1
Prediabetes	alpha_cell	<i>LURAP1</i>	-0.003317089	0.01359082	0.998922495	1
Prediabetes	alpha_cell	<i>GNG5</i>	0.000138202	0.025213853	0.998922495	1
Prediabetes	alpha_cell	<i>SEMA6C</i>	-0.001572272	0.039318467	0.998922495	1
Prediabetes	alpha_cell	<i>CREG1</i>	-0.000480955	0.045384817	0.998922495	1
Prediabetes	alpha_cell	<i>RABGAP1L</i>	-0.000277772	0.039601705	0.998922495	1
Prediabetes	alpha_cell	<i>PAIP2B</i>	-0.000518652	0.037231501	0.998922495	1
Prediabetes	alpha_cell	<i>KANSL3</i>	-0.000595931	0.041817005	0.998922495	1

Prediabetes	alpha_cell	<i>CASP8</i>	-0.0013584	0.04907714	0.998922495	1
Prediabetes	alpha_cell	<i>CRELD1</i>	0.000575735	0.031126937	0.998922495	1
Prediabetes	alpha_cell	<i>PPARG</i>	-0.001829347	0.02085795	0.998922495	1
Prediabetes	alpha_cell	<i>TEX264</i>	-0.000227678	0.035241469	0.998922495	1
Prediabetes	alpha_cell	<i>PARP14</i>	-0.000722601	0.023428118	0.998922495	1
Prediabetes	alpha_cell	<i>NEK11</i>	-0.001255898	0.02858289	0.998922495	1
Prediabetes	alpha_cell	<i>MRPL47</i>	-0.000180645	0.026179698	0.998922495	1
Prediabetes	alpha_cell	<i>TMEM129</i>	-0.000535751	0.037532744	0.998922495	1
Prediabetes	alpha_cell	<i>RPL9</i>	-4.02E-05	0.040468993	0.998922495	1
Prediabetes	alpha_cell	<i>GPRIN3</i>	0.000318784	0.033731892	0.998922495	1
Prediabetes	alpha_cell	<i>PPWD1</i>	0.000571177	0.010523999	0.998922495	1
Prediabetes	alpha_cell	<i>PCDHA5</i>	-0.002586955	0.040735648	0.998922495	1
Prediabetes	alpha_cell	<i>OGFRL1</i>	-0.000562392	0.04861393	0.998922495	1
Prediabetes	alpha_cell	<i>ERMARD</i>	-0.000907131	0.047966352	0.998922495	1
Prediabetes	alpha_cell	<i>BRI3</i>	-0.000149581	0.023633524	0.998922495	1
Prediabetes	alpha_cell	<i>ASAH1</i>	-0.000147086	0.019679451	0.998922495	1
Prediabetes	alpha_cell	<i>YWHAZ</i>	-0.000173767	0.033080147	0.998922495	1
Prediabetes	alpha_cell	<i>SMU1</i>	-0.000612625	0.048543069	0.998922495	1
Prediabetes	alpha_cell	<i>ARHGEF39</i>	-0.003871482	0.039884719	0.998922495	1
Prediabetes	alpha_cell	<i>TMEM38B</i>	-0.000320837	0.025665578	0.998922495	1
Prediabetes	alpha_cell	<i>STOX1</i>	-0.001804478	0.018003015	0.998922495	1
Prediabetes	alpha_cell	<i>ACTA2</i>	-0.000971814	0.033292203	0.998922495	1
Prediabetes	alpha_cell	<i>FRA10AC1</i>	0.000336997	0.014807797	0.998922495	1
Prediabetes	alpha_cell	<i>TMEM218</i>	0.00045325	0.035757473	0.998922495	1
Prediabetes	alpha_cell	<i>SLC6A12</i>	-0.00502897	0.007629846	0.998922495	1
Prediabetes	alpha_cell	<i>CD163</i>	-0.002244476	0.035335667	0.998922495	1
Prediabetes	alpha_cell	<i>MGST1</i>	-0.000461315	0.041923412	0.998922495	1
Prediabetes	alpha_cell	<i>IAPP</i>	8.55E-05	0.005392465	0.998922495	1
Prediabetes	alpha_cell	<i>TFCP2</i>	-0.000801873	0.018579546	0.998922495	1
Prediabetes	alpha_cell	<i>SDS</i>	-0.000528739	0.034927959	0.998922495	1
Prediabetes	alpha_cell	<i>PRKAB1</i>	-0.000914873	0.012169405	0.998922495	1
Prediabetes	alpha_cell	<i>SETDB2</i>	-0.000765199	0.040208562	0.998922495	1
Prediabetes	alpha_cell	<i>NFATC4</i>	0.000705425	0.035392073	0.998922495	1
Prediabetes	alpha_cell	<i>TRIM9</i>	-0.000575778	0.033840131	0.998922495	1
Prediabetes	alpha_cell	<i>TMED8</i>	0.000224995	0.00335904	0.998922495	1
Prediabetes	alpha_cell	<i>GOLGA8H</i>	-0.007388152	0.034287991	0.998922495	1
Prediabetes	alpha_cell	<i>CYP19A1</i>	-0.00290909	0.023013922	0.998922495	1
Prediabetes	alpha_cell	<i>ACSM1</i>	-0.008440164	0.014972454	0.998922495	1
Prediabetes	alpha_cell	<i>IL4R</i>	-0.000864964	0.02325396	0.998922495	1
Prediabetes	alpha_cell	<i>EXOSC6</i>	-0.000261387	0.007784923	0.998922495	1
Prediabetes	alpha_cell	<i>CDYL2</i>	-0.0012815	0.031950561	0.998922495	1
Prediabetes	alpha_cell	<i>CXCL16</i>	-0.000460999	0.032482636	0.998922495	1
Prediabetes	alpha_cell	<i>VMO1</i>	-0.001374504	0.021866449	0.998922495	1
Prediabetes	alpha_cell	<i>CACNG5</i>	-0.007600224	0.034025074	0.998922495	1
Prediabetes	alpha_cell	<i>MXRA7</i>	0.000238365	0.029773998	0.998922495	1
Prediabetes	alpha_cell	<i>MRPL12</i>	0.0004046	0.012526016	0.998922495	1
Prediabetes	alpha_cell	<i>EPG5</i>	-0.001033207	0.023697369	0.998922495	1
Prediabetes	alpha_cell	<i>MYH14</i>	-0.000470999	0.002262738	0.998922495	1
Prediabetes	alpha_cell	<i>CHMP4B</i>	0.000144435	0.017474055	0.998922495	1
Prediabetes	alpha_cell	<i>LSS</i>	-0.00076727	0.048187594	0.998922495	1
Prediabetes	alpha_cell	<i>CCDC116</i>	-0.004685707	0.027012211	0.998922495	1
Prediabetes	alpha_cell	<i>FOXRED2</i>	-0.001004696	0.030002151	0.998922495	1
Prediabetes	alpha_cell	<i>GCAT</i>	-0.00114046	0.012375122	0.998922495	1
Prediabetes	alpha_cell	<i>MIOX</i>	-0.003024799	0.008324208	0.998922495	1
Prediabetes	beta_cell	<i>CLSTN1</i>	-0.000404409	0.036789713	0.926532216	1
Prediabetes	beta_cell	<i>TTC4</i>	-0.000431772	0.041287295	0.926532216	1

Prediabetes	beta_cell	<i>Clorf112</i>	0.001610014	0.039953035	0.926532216	1
Prediabetes	beta_cell	<i>TRIM58</i>	-0.001811286	0.03523639	0.926532216	1
Prediabetes	beta_cell	<i>CTNNA2</i>	-0.002568218	0.033612229	0.926532216	1
Prediabetes	beta_cell	<i>BIN1</i>	-0.000483374	0.041232687	0.926532216	1
Prediabetes	beta_cell	<i>C2orf72</i>	-0.002204202	0.033389602	0.926532216	1
Prediabetes	beta_cell	<i>TRAF3IP1</i>	-0.000336037	0.044217094	0.926532216	1
Prediabetes	beta_cell	<i>ARHGEF3</i>	-0.000971242	0.043646582	0.926532216	1
Prediabetes	beta_cell	<i>ZNF718</i>	-0.001738267	0.047968206	0.926532216	1
Prediabetes	beta_cell	<i>GAK</i>	-0.0005373	0.045119241	0.926532216	1
Prediabetes	beta_cell	<i>N4BP2</i>	-0.000367532	0.045575007	0.926532216	1
Prediabetes	beta_cell	<i>PRDM5</i>	-0.000924042	0.035550619	0.926532216	1
Prediabetes	beta_cell	<i>DHFR</i>	-0.001384935	0.047280531	0.926532216	1
Prediabetes	beta_cell	<i>P4HA2</i>	-0.00056764	0.02466791	0.926532216	1
Prediabetes	beta_cell	<i>GM2A</i>	-0.000997781	0.044966138	0.926532216	1
Prediabetes	beta_cell	<i>CD83</i>	-0.000899494	0.017955444	0.926532216	1
Prediabetes	beta_cell	<i>HLA-F</i>	-0.000653653	0.032614862	0.926532216	1
Prediabetes	beta_cell	<i>ABCF1</i>	-0.000389584	0.034348391	0.926532216	1
Prediabetes	beta_cell	<i>WDR46</i>	-0.000748012	0.022900504	0.926532216	1
Prediabetes	beta_cell	<i>PHACTR2</i>	0.000271739	0.029820092	0.926532216	1
Prediabetes	beta_cell	<i>PLEKHG1</i>	-0.000832873	0.035730638	0.926532216	1
Prediabetes	beta_cell	<i>EEPDI</i>	-0.0016667	0.049292979	0.926532216	1
Prediabetes	beta_cell	<i>CEBPD</i>	-0.000208831	0.032429728	0.926532216	1
Prediabetes	beta_cell	<i>YWHAZ</i>	-0.000160937	0.04845911	0.926532216	1
Prediabetes	beta_cell	<i>DOCK8</i>	-0.001064602	0.043875511	0.926532216	1
Prediabetes	beta_cell	<i>FANCG</i>	-0.001995356	0.024896877	0.926532216	1
Prediabetes	beta_cell	<i>STX17</i>	-0.0004319	0.015764598	0.926532216	1
Prediabetes	beta_cell	<i>RAPGEF1</i>	-0.000666288	0.033713261	0.926532216	1
Prediabetes	beta_cell	<i>CSGALNACT2</i>	-0.000313965	0.038543003	0.926532216	1
Prediabetes	beta_cell	<i>PLAC9</i>	-0.00052805	0.043809455	0.926532216	1
Prediabetes	beta_cell	<i>LCOR</i>	-0.000452637	0.034541884	0.926532216	1
Prediabetes	beta_cell	<i>C10orf62</i>	-0.00523092	0.047198264	0.926532216	1
Prediabetes	beta_cell	<i>MARVELD1</i>	-0.000975296	0.029169458	0.926532216	1
Prediabetes	beta_cell	<i>HTRA1</i>	-0.000435398	0.035858189	0.926532216	1
Prediabetes	beta_cell	<i>CPXM2</i>	-0.002696975	0.025975729	0.926532216	1
Prediabetes	beta_cell	<i>JAKMIP3</i>	-0.002438787	0.039227383	0.926532216	1
Prediabetes	beta_cell	<i>EIF3F</i>	-0.000179507	0.04945217	0.926532216	1
Prediabetes	beta_cell	<i>ZNF143</i>	-0.001016806	0.025244368	0.926532216	1
Prediabetes	beta_cell	<i>ASRGL1</i>	-0.00060998	0.035460962	0.926532216	1
Prediabetes	beta_cell	<i>RIMKLB</i>	-0.000822782	0.045308432	0.926532216	1
Prediabetes	beta_cell	<i>SLCO1C1</i>	-0.00358427	0.046032691	0.926532216	1
Prediabetes	beta_cell	<i>BCAT1</i>	-0.001605831	0.013622285	0.926532216	1
Prediabetes	beta_cell	<i>IKBIP</i>	-0.000703088	0.025449602	0.926532216	1
Prediabetes	beta_cell	<i>TEP1</i>	-0.001313404	0.047171594	0.926532216	1
Prediabetes	beta_cell	<i>ZC2HC1C</i>	-0.000695261	0.040641107	0.926532216	1
Prediabetes	beta_cell	<i>CKB</i>	0.000188003	0.012323896	0.926532216	1
Prediabetes	beta_cell	<i>ZBTB42</i>	-0.000926546	0.048679576	0.926532216	1
Prediabetes	beta_cell	<i>NPAP1</i>	-0.005474654	0.038475269	0.926532216	1
Prediabetes	beta_cell	<i>SPTBN5</i>	-0.004536065	0.03128704	0.926532216	1
Prediabetes	beta_cell	<i>ATP8B4</i>	-0.003179525	0.034696891	0.926532216	1
Prediabetes	beta_cell	<i>PLEKHO2</i>	-0.000982927	0.037942569	0.926532216	1
Prediabetes	beta_cell	<i>MPHOSPH6</i>	-0.000481841	0.001666426	0.926532216	1
Prediabetes	beta_cell	<i>MAP1LC3B</i>	-0.000160201	0.017923904	0.926532216	1
Prediabetes	beta_cell	<i>DPEP1</i>	-0.000751621	0.034929708	0.926532216	1
Prediabetes	beta_cell	<i>VMO1</i>	-0.00136108	0.023128362	0.926532216	1
Prediabetes	beta_cell	<i>PLD2</i>	-0.002167641	0.045304907	0.926532216	1
Prediabetes	beta_cell	<i>ALOX12</i>	-0.004786606	0.04964875	0.926532216	1

Prediabetes	beta_cell	<i>CRLF3</i>	-0.0005378	0.040249209	0.926532216	1
Prediabetes	beta_cell	<i>TEFM</i>	-0.00061872	0.045855223	0.926532216	1
Prediabetes	beta_cell	<i>SYNRG</i>	-0.000501504	0.037008847	0.926532216	1
Prediabetes	beta_cell	<i>CWC25</i>	-0.000281957	0.033827874	0.926532216	1
Prediabetes	beta_cell	<i>LIMD2</i>	-0.001141354	0.014898721	0.926532216	1
Prediabetes	beta_cell	<i>CD79B</i>	-0.003227371	0.041119018	0.926532216	1
Prediabetes	beta_cell	<i>DENND1C</i>	-0.007682829	0.02409439	0.926532216	1
Prediabetes	beta_cell	<i>ZNF266</i>	-0.000580013	0.027904698	0.926532216	1
Prediabetes	beta_cell	<i>ZNF257</i>	-0.001933875	0.028148838	0.926532216	1
Prediabetes	beta_cell	<i>ZFP28</i>	-0.000797138	0.030392842	0.926532216	1
Prediabetes	beta_cell	<i>ZNF749</i>	-0.000761593	0.025800254	0.926532216	1
Prediabetes	beta_cell	<i>NCOA6</i>	0.00030155	0.01154063	0.926532216	1
Prediabetes	beta_cell	<i>LINC00528</i>	-0.003259383	0.048809961	0.926532216	1
Prediabetes	beta_cell	<i>SCO2</i>	-0.00043043	0.039597098	0.926532216	1
Prediabetes	delta_cell	<i>PLEKHM2</i>	-0.000447561	0.030326007	0.953904648	1
Prediabetes	delta_cell	<i>CIQC</i>	-0.000426064	0.009289156	0.953904648	1
Prediabetes	delta_cell	<i>COL9A2</i>	-0.000482972	0.022162541	0.953904648	1
Prediabetes	delta_cell	<i>SLC5A9</i>	-0.008771226	0.027777534	0.953904648	1
Prediabetes	delta_cell	<i>DR1</i>	-0.00043451	0.029384917	0.953904648	1
Prediabetes	delta_cell	<i>LRRC39</i>	-0.001509368	0.027841421	0.953904648	1
Prediabetes	delta_cell	<i>SYPL2</i>	-0.001262279	0.020823184	0.953904648	1
Prediabetes	delta_cell	<i>SI00A1</i>	-0.001168083	0.04174501	0.953904648	1
Prediabetes	delta_cell	<i>CREG1</i>	-0.000555445	0.02069633	0.953904648	1
Prediabetes	delta_cell	<i>GORAB</i>	-0.00057563	0.040267106	0.953904648	1
Prediabetes	delta_cell	<i>GLUL</i>	-0.000602634	0.005866233	0.953904648	1
Prediabetes	delta_cell	<i>IL1R2</i>	-0.001026956	0.00868474	0.953904648	1
Prediabetes	delta_cell	<i>LIMS3</i>	-0.004572461	0.031546618	0.953904648	1
Prediabetes	delta_cell	<i>PID1</i>	-0.000629514	0.049765733	0.953904648	1
Prediabetes	delta_cell	<i>C2orf72</i>	-0.002097972	0.041466393	0.953904648	1
Prediabetes	delta_cell	<i>CTDSPL</i>	0.000273577	0.044595531	0.953904648	1
Prediabetes	delta_cell	<i>NMNAT3</i>	-0.000575269	0.047742329	0.953904648	1
Prediabetes	delta_cell	<i>LDB2</i>	-0.000748389	0.047601036	0.953904648	1
Prediabetes	delta_cell	<i>ARFIP1</i>	-0.000393424	0.013144564	0.953904648	1
Prediabetes	delta_cell	<i>FNIP2</i>	-0.000413032	0.009644566	0.953904648	1
Prediabetes	delta_cell	<i>IQGAP2</i>	-0.001308244	0.025240086	0.953904648	1
Prediabetes	delta_cell	<i>REEP5</i>	-0.000112418	0.015926357	0.953904648	1
Prediabetes	delta_cell	<i>EIF4EBP3</i>	0.000582587	0.014369899	0.953904648	1
Prediabetes	delta_cell	<i>PCDHA3</i>	-0.002984018	0.042575288	0.953904648	1
Prediabetes	delta_cell	<i>PCDHA12</i>	-0.002933469	0.023793061	0.953904648	1
Prediabetes	delta_cell	<i>SLC17A4</i>	-0.005245969	0.04606513	0.953904648	1
Prediabetes	delta_cell	<i>HLA-A</i>	-4.87E-05	0.049380085	0.953904648	1
Prediabetes	delta_cell	<i>HLA-C</i>	-7.52E-05	0.024885384	0.953904648	1
Prediabetes	delta_cell	<i>HLA-DRB5</i>	-0.000582458	0.021510307	0.953904648	1
Prediabetes	delta_cell	<i>HLA-DRB1</i>	-0.000209123	0.011206237	0.953904648	1
Prediabetes	delta_cell	<i>HLA-DQA1</i>	-0.00076847	0.024231487	0.953904648	1
Prediabetes	delta_cell	<i>HLA-DQB1</i>	-0.000504748	0.017363795	0.953904648	1
Prediabetes	delta_cell	<i>HLA-DMB</i>	-0.001188367	0.024838736	0.953904648	1
Prediabetes	delta_cell	<i>HLA-DMA</i>	-0.000490609	0.033256002	0.953904648	1
Prediabetes	delta_cell	<i>COL19A1</i>	-0.010885812	0.020156034	0.953904648	1
Prediabetes	delta_cell	<i>BACH2</i>	-0.000881025	0.046867871	0.953904648	1
Prediabetes	delta_cell	<i>REV3L</i>	0.00033889	0.048863822	0.953904648	1
Prediabetes	delta_cell	<i>DPY19L1</i>	-0.000709967	0.046616156	0.953904648	1
Prediabetes	delta_cell	<i>BRI3</i>	-0.000146455	0.026821335	0.953904648	1
Prediabetes	delta_cell	<i>EPO</i>	-0.004986633	0.042571502	0.953904648	1
Prediabetes	delta_cell	<i>CTSB</i>	-0.000177589	0.023791289	0.953904648	1
Prediabetes	delta_cell	<i>ASAHI</i>	-0.000151967	0.015958438	0.953904648	1

Prediabetes	delta_cell	<i>CEBPD</i>	-0.000196467	0.044179203	0.953904648	1
Prediabetes	delta_cell	<i>GGH</i>	-0.001094697	0.013882115	0.953904648	1
Prediabetes	delta_cell	<i>INTS8</i>	0.000680771	0.012959012	0.953904648	1
Prediabetes	delta_cell	<i>PLEC</i>	-0.00084962	0.037027284	0.953904648	1
Prediabetes	delta_cell	<i>PARP10</i>	-0.002007561	0.030735317	0.953904648	1
Prediabetes	delta_cell	<i>NFX1</i>	-0.00045168	0.00548622	0.953904648	1
Prediabetes	delta_cell	<i>RAPGEF1</i>	-0.000661196	0.034809767	0.953904648	1
Prediabetes	delta_cell	<i>ENTPD8</i>	-0.002602347	0.028807385	0.953904648	1
Prediabetes	delta_cell	<i>ALOX5</i>	-0.000978233	0.006973586	0.953904648	1
Prediabetes	delta_cell	<i>ARHGAP22</i>	-0.003170311	0.033240817	0.953904648	1
Prediabetes	delta_cell	<i>LIPA</i>	-0.000401425	0.013242133	0.953904648	1
Prediabetes	delta_cell	<i>LINC00865</i>	0.000996561	0.02003206	0.953904648	1
Prediabetes	delta_cell	<i>NOC3L</i>	-0.000725352	0.048411985	0.953904648	1
Prediabetes	delta_cell	<i>HTRA1</i>	-0.000442383	0.033340547	0.953904648	1
Prediabetes	delta_cell	<i>PC</i>	-0.001306776	0.037729156	0.953904648	1
Prediabetes	delta_cell	<i>ANKK1</i>	-0.006677572	0.043693438	0.953904648	1
Prediabetes	delta_cell	<i>MPZL3</i>	-0.0007914	0.027539311	0.953904648	1
Prediabetes	delta_cell	<i>TREH</i>	-0.001841696	0.028959065	0.953904648	1
Prediabetes	delta_cell	<i>TRAPPC4</i>	-0.000292661	0.021259397	0.953904648	1
Prediabetes	delta_cell	<i>HINFP</i>	-0.001160588	0.03962935	0.953904648	1
Prediabetes	delta_cell	<i>TMEM218</i>	0.000441299	0.041241474	0.953904648	1
Prediabetes	delta_cell	<i>CDI63</i>	-0.002170146	0.041994067	0.953904648	1
Prediabetes	delta_cell	<i>CREBL2</i>	-0.000600983	0.026945377	0.953904648	1
Prediabetes	delta_cell	<i>STK38L</i>	-0.000498821	0.036905453	0.953904648	1
Prediabetes	delta_cell	<i>DNAJC22</i>	-0.000829287	0.019352079	0.953904648	1
Prediabetes	delta_cell	<i>SLC39A5</i>	0.000826383	0.032880459	0.953904648	1
Prediabetes	delta_cell	<i>PRDM4</i>	-0.00040163	0.008625144	0.953904648	1
Prediabetes	delta_cell	<i>CIQTNF9</i>	-0.00679129	0.041736798	0.953904648	1
Prediabetes	delta_cell	<i>GPC6</i>	0.000385665	0.025557625	0.953904648	1
Prediabetes	delta_cell	<i>ZC2HC1C</i>	-0.000731667	0.031238608	0.953904648	1
Prediabetes	delta_cell	<i>PLCB2</i>	-0.005900804	0.024644458	0.953904648	1
Prediabetes	delta_cell	<i>TPSD1</i>	-0.005583085	0.029933441	0.953904648	1
Prediabetes	delta_cell	<i>NMRAL1</i>	-0.000673007	0.015700953	0.953904648	1
Prediabetes	delta_cell	<i>ZNF500</i>	-0.000624605	0.019549751	0.953904648	1
Prediabetes	delta_cell	<i>NPIPA5</i>	-0.003750781	0.024880995	0.953904648	1
Prediabetes	delta_cell	<i>DCTN5</i>	-0.000744477	0.030436528	0.953904648	1
Prediabetes	delta_cell	<i>VMO1</i>	-0.001218093	0.042193908	0.953904648	1
Prediabetes	delta_cell	<i>TIMP2</i>	-0.000282597	0.030184614	0.953904648	1
Prediabetes	delta_cell	<i>SLC14A1</i>	-0.001477681	0.049683316	0.953904648	1
Prediabetes	delta_cell	<i>GNAI5</i>	-0.00325898	0.028058996	0.953904648	1
Prediabetes	delta_cell	<i>DENND1C</i>	-0.008512225	0.011985438	0.953904648	1
Prediabetes	delta_cell	<i>ACP5</i>	-0.000204985	0.020528183	0.953904648	1
Prediabetes	delta_cell	<i>ABHD8</i>	-0.000713432	0.019021004	0.953904648	1
Prediabetes	delta_cell	<i>GPATCH1</i>	-0.000955735	0.036652175	0.953904648	1
Prediabetes	delta_cell	<i>KCTD15</i>	-0.00396047	0.002370321	0.953904648	1
Prediabetes	delta_cell	<i>NUMBL</i>	-0.000431292	0.011237881	0.953904648	1
Prediabetes	delta_cell	<i>SLC6A16</i>	-0.0020253	0.010084197	0.953904648	1
Prediabetes	delta_cell	<i>NLRP2</i>	-0.001887955	0.038980441	0.953904648	1
Prediabetes	delta_cell	<i>GP6</i>	-0.002607866	0.028278022	0.953904648	1
Prediabetes	delta_cell	<i>LINC00205</i>	-0.001807927	0.027771245	0.953904648	1
Prediabetes	delta_cell	<i>SLC2A11</i>	0.001557812	0.012943965	0.953904648	1
Prediabetes	duct_epithelial_cell	<i>UBR4</i>	-0.000867219	0.000953552	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>GNG5</i>	-0.000122168	0.049216508	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>CD84</i>	-0.001813469	0.034558184	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>LHX4</i>	0.001088825	0.031306521	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>GLUL</i>	-0.000645576	0.003082193	0.999439022	1

Prediabetes	duct_epithelial_cell	<i>RTN4</i>	7.31E-05	0.033189929	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>ILIR2</i>	-0.000779374	0.045838565	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>LY75</i>	-0.002154829	0.000523199	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>CASP8</i>	-0.001389645	0.043862303	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>LRRN1</i>	-0.002498942	0.047413093	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>CRELD1</i>	-0.000540846	0.043613304	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>ALS2CL</i>	-0.001759463	0.020004224	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>CXCL3</i>	-0.000649288	0.047941289	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>FNIP2</i>	-0.000316426	0.046571573	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>IQGAP2</i>	-0.001405037	0.016005428	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>ATG12</i>	-0.000185435	0.025301546	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>CD83</i>	-0.000983071	0.009719051	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>HLA-DRB5</i>	-0.000692638	0.006297264	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>HLA-DRB1</i>	-0.000177567	0.031454994	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>HBSIL</i>	0.000341141	0.011355	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>CPVL</i>	-0.001075185	0.001379116	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>PRKRIP1</i>	0.000728444	0.023166039	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>ABCF2</i>	-0.000402886	0.026210348	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>RHEB</i>	-0.000167057	0.033561422	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>LINC01003</i>	-0.000406507	0.035852811	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>CTSB</i>	-0.000159022	0.043142326	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>C8orf58</i>	0.000817173	0.045214461	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>YWHAZ</i>	-0.000190642	0.019521624	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>LY6E</i>	-0.000566247	0.015602108	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>PTPRD</i>	-0.00096819	0.036400344	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>ZNF143</i>	-0.000970186	0.033354347	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>SPTY2D1</i>	-0.000486839	0.010205364	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>NDUFV1</i>	-0.000367789	0.042791535	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>IAPP</i>	6.03E-05	0.048998077	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>METTL7B</i>	-0.003051374	0.018695062	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>SARNP</i>	0.000538991	0.023014567	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>YEATS4</i>	0.000590811	0.036318982	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>DRAM1</i>	-0.001055488	0.02499883	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>SLC8B1</i>	-0.001441228	0.001018422	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>PLBD2</i>	-0.000639492	0.003896505	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>MPHOSPH8</i>	-0.000192959	0.016342257	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>TBC1D4</i>	-0.000776927	0.036102245	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>NFATC4</i>	-0.000759782	0.02169186	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>NIPA1</i>	-0.000680501	0.020297018	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>UBR1</i>	-0.00073658	0.030042732	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>ULK3</i>	-0.001957734	0.009774813	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>RPP25</i>	-0.000483015	0.037999259	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>C15orf40</i>	-0.000353969	0.036337291	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>CYB5B</i>	-0.000412749	0.0057995	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>CYBA</i>	-0.000279212	0.011000817	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>CXCL16</i>	-0.000606679	0.004862377	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>ZMYND15</i>	-0.003075179	0.034571071	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>SLFN12L</i>	-0.004765736	0.041846925	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>ACP5</i>	-0.000178693	0.04363818	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>UBA52</i>	-8.95E-05	0.016773132	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>EPS8L1</i>	0.002432415	0.03828789	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>NCOA6</i>	-0.000244758	0.040017207	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>CABLES2</i>	-0.001541485	0.017242896	0.999439022	1
Prediabetes	duct_epithelial_cell	<i>RBFOX2</i>	-0.000202491	0.031168657	0.999439022	1
Prediabetes	endothelial_cell	<i>PAFAH2</i>	-0.000751878	0.015945635	0.999860623	1
Prediabetes	endothelial_cell	<i>MYCL</i>	-0.000982004	0.029281824	0.999860623	1

Prediabetes	endothelial_cell	<i>TTC4</i>	-0.000425367	0.04457553	0.999860623	1
Prediabetes	endothelial_cell	<i>GNG5</i>	-0.000149556	0.015171483	0.999860623	1
Prediabetes	endothelial_cell	<i>GSTM1</i>	0.003767613	0.027050827	0.999860623	1
Prediabetes	endothelial_cell	<i>CTSS</i>	-0.000371252	0.014444709	0.999860623	1
Prediabetes	endothelial_cell	<i>SI00A1</i>	0.001392475	0.015236612	0.999860623	1
Prediabetes	endothelial_cell	<i>C4BPB</i>	-0.004500382	0.044958669	0.999860623	1
Prediabetes	endothelial_cell	<i>TRIM58</i>	0.001689583	0.04956906	0.999860623	1
Prediabetes	endothelial_cell	<i>LRRN1</i>	-0.002706125	0.031792979	0.999860623	1
Prediabetes	endothelial_cell	<i>POGLUT1</i>	0.001311819	0.029085547	0.999860623	1
Prediabetes	endothelial_cell	<i>SRP72</i>	0.000147785	0.039917794	0.999860623	1
Prediabetes	endothelial_cell	<i>DOK3</i>	0.002130608	0.042484175	0.999860623	1
Prediabetes	endothelial_cell	<i>SLC44A4</i>	0.001841797	0.002367396	0.999860623	1
Prediabetes	endothelial_cell	<i>PPT2</i>	-0.001894452	0.013889257	0.999860623	1
Prediabetes	endothelial_cell	<i>NOTCH4</i>	0.001292065	0.02789033	0.999860623	1
Prediabetes	endothelial_cell	<i>HLA-DRB1</i>	-0.00016882	0.040551971	0.999860623	1
Prediabetes	endothelial_cell	<i>HLA-DMB</i>	-0.001284679	0.015295859	0.999860623	1
Prediabetes	endothelial_cell	<i>HLA-DMA</i>	-0.000684047	0.003020054	0.999860623	1
Prediabetes	endothelial_cell	<i>HLA-DOA</i>	-0.004247506	0.038858027	0.999860623	1
Prediabetes	endothelial_cell	<i>B3GAT2</i>	0.001112122	0.041236516	0.999860623	1
Prediabetes	endothelial_cell	<i>ASAH1</i>	-0.000129962	0.039277332	0.999860623	1
Prediabetes	endothelial_cell	<i>AIF1L</i>	-0.00305493	0.048475716	0.999860623	1
Prediabetes	endothelial_cell	<i>CSGALNACT2</i>	-0.000302782	0.046628063	0.999860623	1
Prediabetes	endothelial_cell	<i>PTEN</i>	-0.000154034	0.037480302	0.999860623	1
Prediabetes	endothelial_cell	<i>LIPA</i>	-0.000349066	0.031193815	0.999860623	1
Prediabetes	endothelial_cell	<i>WBP1L</i>	-0.001148936	0.027148765	0.999860623	1
Prediabetes	endothelial_cell	<i>SCUBE2</i>	0.002003444	0.027362281	0.999860623	1
Prediabetes	endothelial_cell	<i>FADS2</i>	-0.001675425	0.004625391	0.999860623	1
Prediabetes	endothelial_cell	<i>EML3</i>	-0.00092522	0.001734338	0.999860623	1
Prediabetes	endothelial_cell	<i>IAPP</i>	6.22E-05	0.042563589	0.999860623	1
Prediabetes	endothelial_cell	<i>PLBD2</i>	0.000469656	0.035676416	0.999860623	1
Prediabetes	endothelial_cell	<i>SETDB2</i>	-0.000924074	0.013868725	0.999860623	1
Prediabetes	endothelial_cell	<i>B2M</i>	-2.44E-05	0.039520523	0.999860623	1
Prediabetes	endothelial_cell	<i>TLE3</i>	-0.000389839	0.007885768	0.999860623	1
Prediabetes	endothelial_cell	<i>CELF6</i>	-0.000579031	0.024658948	0.999860623	1
Prediabetes	endothelial_cell	<i>CCDC78</i>	0.002746807	0.046415048	0.999860623	1
Prediabetes	endothelial_cell	<i>RPS2</i>	-2.64E-05	0.035649399	0.999860623	1
Prediabetes	endothelial_cell	<i>CXCL16</i>	-0.000487333	0.023626487	0.999860623	1
Prediabetes	endothelial_cell	<i>EFNB3</i>	0.000505552	0.035349697	0.999860623	1
Prediabetes	endothelial_cell	<i>TNFRSF11A</i>	0.000877963	0.025150666	0.999860623	1
Prediabetes	endothelial_cell	<i>GPATCH1</i>	-0.000918559	0.044092327	0.999860623	1
Prediabetes	endothelial_cell	<i>RPL28</i>	-5.78E-05	0.035044324	0.999860623	1
Prediabetes	endothelial_cell	<i>NCOA3</i>	-0.000303013	0.04511146	0.999860623	1
Prediabetes	endothelial_cell	<i>FOXRED2</i>	-0.001065072	0.021573397	0.999860623	1
Prediabetes	endothelial_cell	<i>SGSM3</i>	-0.000922907	0.037875033	0.999860623	1
Prediabetes	epsilon_cell	<i>NOC2L</i>	-0.000373539	0.011426161	0.979491707	1
Prediabetes	epsilon_cell	<i>VAMP3</i>	0.000219045	0.026456435	0.979491707	1
Prediabetes	epsilon_cell	<i>FAM43B</i>	-0.003612914	0.038862328	0.979491707	1
Prediabetes	epsilon_cell	<i>TRIM63</i>	-0.002405303	0.016118233	0.979491707	1
Prediabetes	epsilon_cell	<i>GORAB</i>	0.00064376	0.021452667	0.979491707	1
Prediabetes	epsilon_cell	<i>LHX4</i>	-0.001048496	0.038090382	0.979491707	1
Prediabetes	epsilon_cell	<i>GLUL</i>	-0.00048131	0.027916547	0.979491707	1
Prediabetes	epsilon_cell	<i>SLC41A1</i>	-0.000905753	0.036424069	0.979491707	1
Prediabetes	epsilon_cell	<i>LBR</i>	-0.000627743	0.021567221	0.979491707	1
Prediabetes	epsilon_cell	<i>LINC01139</i>	-0.007586567	0.00968987	0.979491707	1
Prediabetes	epsilon_cell	<i>ANKRD36B</i>	-0.0006126	0.043383288	0.979491707	1
Prediabetes	epsilon_cell	<i>CCNT2</i>	-0.000553647	0.028160975	0.979491707	1

Prediabetes	epsilon_cell	<i>LRRN1</i>	0.003007533	0.017893584	0.979491707	1
Prediabetes	epsilon_cell	<i>CCR1</i>	-0.003302709	0.020619391	0.979491707	1
Prediabetes	epsilon_cell	<i>LEKRI</i>	-0.002482349	0.008336873	0.979491707	1
Prediabetes	epsilon_cell	<i>LXN</i>	-0.000470674	0.018857243	0.979491707	1
Prediabetes	epsilon_cell	<i>MRPL47</i>	-0.000188316	0.019983681	0.979491707	1
Prediabetes	epsilon_cell	<i>ST6GAL1</i>	-0.00512513	0.010275012	0.979491707	1
Prediabetes	epsilon_cell	<i>PIGZ</i>	-0.001054504	0.021711869	0.979491707	1
Prediabetes	epsilon_cell	<i>SLU7</i>	-0.000165147	0.031794843	0.979491707	1
Prediabetes	epsilon_cell	<i>FOXI1</i>	-0.005100756	0.048076257	0.979491707	1
Prediabetes	epsilon_cell	<i>CD83</i>	-0.000790246	0.037315312	0.979491707	1
Prediabetes	epsilon_cell	<i>ZFP57</i>	-0.003243207	0.007239198	0.979491707	1
Prediabetes	epsilon_cell	<i>STEAP1</i>	-0.001407054	0.039481806	0.979491707	1
Prediabetes	epsilon_cell	<i>ASAH1</i>	-0.000124325	0.048531862	0.979491707	1
Prediabetes	epsilon_cell	<i>LYN</i>	-0.000575079	0.045919888	0.979491707	1
Prediabetes	epsilon_cell	<i>TSNARE1</i>	-0.002185357	0.041109895	0.979491707	1
Prediabetes	epsilon_cell	<i>PTPRD</i>	0.001048283	0.022576127	0.979491707	1
Prediabetes	epsilon_cell	<i>HSD17B3</i>	-0.006805732	0.012597748	0.979491707	1
Prediabetes	epsilon_cell	<i>PSMD5</i>	0.000914678	0.016797976	0.979491707	1
Prediabetes	epsilon_cell	<i>SH2D3C</i>	-0.002282005	0.026592245	0.979491707	1
Prediabetes	epsilon_cell	<i>RAPGEF1</i>	-0.000801022	0.01043302	0.979491707	1
Prediabetes	epsilon_cell	<i>SURF6</i>	0.00031762	0.049589001	0.979491707	1
Prediabetes	epsilon_cell	<i>LIPA</i>	-0.000354167	0.028766011	0.979491707	1
Prediabetes	epsilon_cell	<i>NOC3L</i>	-0.000786559	0.032255132	0.979491707	1
Prediabetes	epsilon_cell	<i>HTRA1</i>	-0.00050248	0.015684584	0.979491707	1
Prediabetes	epsilon_cell	<i>BET1L</i>	-0.000450662	0.007307757	0.979491707	1
Prediabetes	epsilon_cell	<i>RIC8A</i>	-0.000752362	0.044230276	0.979491707	1
Prediabetes	epsilon_cell	<i>PSMD13</i>	-0.000394888	0.009233392	0.979491707	1
Prediabetes	epsilon_cell	<i>IFITM1</i>	-0.00119751	0.023435235	0.979491707	1
Prediabetes	epsilon_cell	<i>TSPAN4</i>	-0.000991443	0.02048507	0.979491707	1
Prediabetes	epsilon_cell	<i>TRIM66</i>	-0.00084456	0.036190874	0.979491707	1
Prediabetes	epsilon_cell	<i>TMEM216</i>	-0.000819984	0.02717115	0.979491707	1
Prediabetes	epsilon_cell	<i>EML3</i>	-0.000656678	0.026502651	0.979491707	1
Prediabetes	epsilon_cell	<i>OAF</i>	-0.000446021	0.030429623	0.979491707	1
Prediabetes	epsilon_cell	<i>IAPP</i>	6.27E-05	0.041482138	0.979491707	1
Prediabetes	epsilon_cell	<i>C12orf71</i>	0.003457898	0.017009963	0.979491707	1
Prediabetes	epsilon_cell	<i>DDX11</i>	-0.00114736	0.049274587	0.979491707	1
Prediabetes	epsilon_cell	<i>SLC39A5</i>	-0.00081317	0.034534084	0.979491707	1
Prediabetes	epsilon_cell	<i>ACSS3</i>	0.003039704	0.031314182	0.979491707	1
Prediabetes	epsilon_cell	<i>SDS</i>	-0.000493714	0.048978893	0.979491707	1
Prediabetes	epsilon_cell	<i>TRPC4</i>	-0.001523998	0.044998788	0.979491707	1
Prediabetes	epsilon_cell	<i>RAB20</i>	-0.000836345	0.034859598	0.979491707	1
Prediabetes	epsilon_cell	<i>SERPINA5</i>	-0.000546666	0.025192686	0.979491707	1
Prediabetes	epsilon_cell	<i>RPAP1</i>	-0.001033941	0.042857171	0.979491707	1
Prediabetes	epsilon_cell	<i>PSMA4</i>	-0.000198202	0.044552942	0.979491707	1
Prediabetes	epsilon_cell	<i>ACSM1</i>	-0.00707445	0.041021913	0.979491707	1
Prediabetes	epsilon_cell	<i>EIF3C</i>	0.000666396	0.042315923	0.979491707	1
Prediabetes	epsilon_cell	<i>YPEL3</i>	-0.000333698	0.020494863	0.979491707	1
Prediabetes	epsilon_cell	<i>TAF1C</i>	-0.000720147	0.006778361	0.979491707	1
Prediabetes	epsilon_cell	<i>ADAD2</i>	-0.005011313	0.042257262	0.979491707	1
Prediabetes	epsilon_cell	<i>ATP2C2</i>	-0.003210229	0.035429346	0.979491707	1
Prediabetes	epsilon_cell	<i>CYBA</i>	-0.000238815	0.029422795	0.979491707	1
Prediabetes	epsilon_cell	<i>VMO1</i>	-0.00133939	0.02540581	0.979491707	1
Prediabetes	epsilon_cell	<i>NLE1</i>	-0.002484642	0.046852104	0.979491707	1
Prediabetes	epsilon_cell	<i>SGSH</i>	-0.001070991	0.022655456	0.979491707	1
Prediabetes	epsilon_cell	<i>ME2</i>	-0.0005608	0.048808499	0.979491707	1
Prediabetes	epsilon_cell	<i>TXNL4A</i>	-0.000216885	0.030233616	0.979491707	1

Prediabetes	epsilon_cell	<i>ACP5</i>	-0.000175738	0.04694676	0.979491707	1
Prediabetes	epsilon_cell	<i>MAN2B1</i>	-0.000611489	0.034532173	0.979491707	1
Prediabetes	epsilon_cell	<i>UBA52</i>	-0.000130623	0.000488808	0.979491707	1
Prediabetes	epsilon_cell	<i>C5AR1</i>	-0.001260407	0.029130233	0.979491707	1
Prediabetes	epsilon_cell	<i>CARD8</i>	-0.001058407	0.036901959	0.979491707	1
Prediabetes	epsilon_cell	<i>SYT5</i>	0.000424281	0.049917053	0.979491707	1
Prediabetes	epsilon_cell	<i>NCOA3</i>	-0.000324131	0.030932942	0.979491707	1
Prediabetes	epsilon_cell	<i>NDUFA6</i>	-0.000180859	0.036802305	0.979491707	1
Prediabetes	epsilon_cell	<i>TTL12</i>	-0.001045243	0.003289736	0.979491707	1
Prediabetes	epsilon_cell	<i>SYCE3</i>	-0.005769037	0.003183395	0.979491707	1
Prediabetes	leukocyte	<i>C1QC</i>	-0.000342132	0.036852028	0.964591887	1
Prediabetes	leukocyte	<i>ZNHIT6</i>	-0.000643145	0.04382591	0.964591887	1
Prediabetes	leukocyte	<i>WARS2</i>	-0.000971366	0.026648952	0.964591887	1
Prediabetes	leukocyte	<i>CTSS</i>	-0.000335343	0.027155369	0.964591887	1
Prediabetes	leukocyte	<i>RASGRP3</i>	-0.001348188	0.004832303	0.964591887	1
Prediabetes	leukocyte	<i>SEMA4F</i>	-0.002287984	0.038836987	0.964591887	1
Prediabetes	leukocyte	<i>FTCDNL1</i>	-0.003975406	0.04171031	0.964591887	1
Prediabetes	leukocyte	<i>SUMF1</i>	-0.001100268	0.04874151	0.964591887	1
Prediabetes	leukocyte	<i>CBLB</i>	-0.000539757	0.030057693	0.964591887	1
Prediabetes	leukocyte	<i>MYLK</i>	-0.000667551	0.008892367	0.964591887	1
Prediabetes	leukocyte	<i>ALDH1L1</i>	-0.000936077	0.047566164	0.964591887	1
Prediabetes	leukocyte	<i>FAIM</i>	-0.000455565	0.048963503	0.964591887	1
Prediabetes	leukocyte	<i>P2RY12</i>	-0.008379394	0.03309327	0.964591887	1
Prediabetes	leukocyte	<i>ST6GAL1</i>	-0.004487548	0.024701189	0.964591887	1
Prediabetes	leukocyte	<i>GPRIN3</i>	0.00032635	0.029966644	0.964591887	1
Prediabetes	leukocyte	<i>F2R</i>	-0.000419681	0.024123218	0.964591887	1
Prediabetes	leukocyte	<i>FAM153A</i>	-0.002952522	0.025146516	0.964591887	1
Prediabetes	leukocyte	<i>RIPK1</i>	-0.001003133	0.007022662	0.964591887	1
Prediabetes	leukocyte	<i>ZNF165</i>	-0.000997076	0.033150903	0.964591887	1
Prediabetes	leukocyte	<i>ZSCAN31</i>	-0.001499467	0.018233154	0.964591887	1
Prediabetes	leukocyte	<i>ZSCAN23</i>	-0.00355466	0.012502335	0.964591887	1
Prediabetes	leukocyte	<i>ZNF311</i>	-0.003714057	0.031573994	0.964591887	1
Prediabetes	leukocyte	<i>MICB</i>	-0.002029525	0.043501389	0.964591887	1
Prediabetes	leukocyte	<i>HLA-DRB5</i>	-0.000548972	0.030114163	0.964591887	1
Prediabetes	leukocyte	<i>HLA-DOA</i>	-0.00414082	0.044006496	0.964591887	1
Prediabetes	leukocyte	<i>HLA-DPB1</i>	-0.000145583	0.044865066	0.964591887	1
Prediabetes	leukocyte	<i>B3GAT2</i>	-0.001098306	0.043982289	0.964591887	1
Prediabetes	leukocyte	<i>BACH2</i>	-0.001161047	0.008724888	0.964591887	1
Prediabetes	leukocyte	<i>VWDE</i>	0.000606023	0.038568366	0.964591887	1
Prediabetes	leukocyte	<i>CPVL</i>	-0.000771748	0.02082285	0.964591887	1
Prediabetes	leukocyte	<i>EEPDI</i>	-0.001811871	0.03224206	0.964591887	1
Prediabetes	leukocyte	<i>SLC25A13</i>	0.000421154	0.003941677	0.964591887	1
Prediabetes	leukocyte	<i>GIGYF1</i>	-0.000534287	0.008608746	0.964591887	1
Prediabetes	leukocyte	<i>LRRC61</i>	0.000641046	0.001359869	0.964591887	1
Prediabetes	leukocyte	<i>CEBPD</i>	-0.000195321	0.045452569	0.964591887	1
Prediabetes	leukocyte	<i>GPIHBP1</i>	-0.002331327	0.024352714	0.964591887	1
Prediabetes	leukocyte	<i>C8orf82</i>	-0.000483384	0.014916564	0.964591887	1
Prediabetes	leukocyte	<i>CSGALNACT2</i>	-0.000363437	0.017418939	0.964591887	1
Prediabetes	leukocyte	<i>MYPN</i>	-0.005826339	0.004005937	0.964591887	1
Prediabetes	leukocyte	<i>FUOM</i>	-0.001244959	0.016087373	0.964591887	1
Prediabetes	leukocyte	<i>PAOX</i>	-0.001640495	0.010828974	0.964591887	1
Prediabetes	leukocyte	<i>LDHC</i>	-0.006205366	0.00091992	0.964591887	1
Prediabetes	leukocyte	<i>SMTNL1</i>	-0.006356889	0.045550298	0.964591887	1
Prediabetes	leukocyte	<i>ZFP91</i>	-0.000487212	0.028133369	0.964591887	1
Prediabetes	leukocyte	<i>MS4A14</i>	-0.006169185	0.011756714	0.964591887	1
Prediabetes	leukocyte	<i>GAL3ST3</i>	-0.004892378	0.047835579	0.964591887	1

Prediabetes	leukocyte	<i>TRAPPC4</i>	-0.000389093	0.002274178	0.964591887	1
Prediabetes	leukocyte	<i>THY1</i>	-0.000733281	0.006491195	0.964591887	1
Prediabetes	leukocyte	<i>CD163</i>	-0.002300443	0.031064988	0.964591887	1
Prediabetes	leukocyte	<i>IAPP</i>	7.87E-05	0.010293721	0.964591887	1
Prediabetes	leukocyte	<i>BCAT1</i>	-0.001372719	0.034901306	0.964591887	1
Prediabetes	leukocyte	<i>CORO1C</i>	-0.000967216	0.000703005	0.964591887	1
Prediabetes	leukocyte	<i>SLC8B1</i>	-0.001004717	0.021249753	0.964591887	1
Prediabetes	leukocyte	<i>USP12</i>	-0.000393951	0.038224772	0.964591887	1
Prediabetes	leukocyte	<i>GSTZ1</i>	0.001045531	0.018482832	0.964591887	1
Prediabetes	leukocyte	<i>TMED8</i>	0.000220599	0.004190658	0.964591887	1
Prediabetes	leukocyte	<i>BTBD7</i>	-0.000258752	0.045921118	0.964591887	1
Prediabetes	leukocyte	<i>MARK3</i>	-0.000240468	0.009020947	0.964591887	1
Prediabetes	leukocyte	<i>GJD2</i>	0.000696474	0.040619265	0.964591887	1
Prediabetes	leukocyte	<i>CYP19A1</i>	-0.002748916	0.031343698	0.964591887	1
Prediabetes	leukocyte	<i>BNIP2</i>	-0.000408873	0.02345556	0.964591887	1
Prediabetes	leukocyte	<i>WFIKKN1</i>	-0.001444898	0.028856443	0.964591887	1
Prediabetes	leukocyte	<i>SULT1A1</i>	-0.001322362	0.031439287	0.964591887	1
Prediabetes	leukocyte	<i>RBL2</i>	-0.000383589	0.022825325	0.964591887	1
Prediabetes	leukocyte	<i>ADAD2</i>	-0.008023233	0.001111982	0.964591887	1
Prediabetes	leukocyte	<i>CXCL16</i>	-0.000424776	0.0488093	0.964591887	1
Prediabetes	leukocyte	<i>ALOX12</i>	-0.006810314	0.005488389	0.964591887	1
Prediabetes	leukocyte	<i>CNTROB</i>	-0.001875776	0.048451329	0.964591887	1
Prediabetes	leukocyte	<i>BECN1</i>	-0.00033517	0.025143746	0.964591887	1
Prediabetes	leukocyte	<i>MAP3K3</i>	-0.000346896	0.013693617	0.964591887	1
Prediabetes	leukocyte	<i>GCDH</i>	-0.000893186	0.049505572	0.964591887	1
Prediabetes	leukocyte	<i>ZNF681</i>	0.000921206	0.015557142	0.964591887	1
Prediabetes	leukocyte	<i>ZNF507</i>	-0.000279559	0.037347119	0.964591887	1
Prediabetes	leukocyte	<i>ZNF223</i>	-0.000651707	0.03776478	0.964591887	1
Prediabetes	leukocyte	<i>PPP1R13L</i>	-0.00097615	0.043439448	0.964591887	1
Prediabetes	leukocyte	<i>C5AR1</i>	-0.001142141	0.048150663	0.964591887	1
Prediabetes	leukocyte	<i>SPHK2</i>	-0.000780706	0.032823915	0.964591887	1
Prediabetes	leukocyte	<i>ZNF471</i>	-0.00126259	0.045892163	0.964591887	1
Prediabetes	leukocyte	<i>RBFOX2</i>	0.000188235	0.044810318	0.964591887	1
Prediabetes	mesenchymal_cell	<i>RHCE</i>	-0.001820568	0.042928279	0.999933169	1
Prediabetes	mesenchymal_cell	<i>NDUFS5</i>	-0.000146883	0.023186972	0.999933169	1
Prediabetes	mesenchymal_cell	<i>NTNG1</i>	0.002903298	0.018351401	0.999933169	1
Prediabetes	mesenchymal_cell	<i>CTSS</i>	-0.000315606	0.037720977	0.999933169	1
Prediabetes	mesenchymal_cell	<i>Clorf112</i>	-0.00179084	0.025133798	0.999933169	1
Prediabetes	mesenchymal_cell	<i>GORAB</i>	-0.000551934	0.046130345	0.999933169	1
Prediabetes	mesenchymal_cell	<i>LEFTY2</i>	0.009217346	0.043184007	0.999933169	1
Prediabetes	mesenchymal_cell	<i>DDX1</i>	-0.000147261	0.048743857	0.999933169	1
Prediabetes	mesenchymal_cell	<i>LIMS3</i>	0.004942161	0.01991541	0.999933169	1
Prediabetes	mesenchymal_cell	<i>MAP3K2</i>	-0.000129233	0.012916076	0.999933169	1
Prediabetes	mesenchymal_cell	<i>PID1</i>	-0.000787315	0.014038201	0.999933169	1
Prediabetes	mesenchymal_cell	<i>ARMC9</i>	0.000408945	0.032660002	0.999933169	1
Prediabetes	mesenchymal_cell	<i>IL17RD</i>	-0.001785007	0.027803548	0.999933169	1
Prediabetes	mesenchymal_cell	<i>ZNF717</i>	-0.000340379	0.037284176	0.999933169	1
Prediabetes	mesenchymal_cell	<i>CXCL6</i>	-0.000972979	0.010529553	0.999933169	1
Prediabetes	mesenchymal_cell	<i>HCN1</i>	-0.001633075	0.041763296	0.999933169	1
Prediabetes	mesenchymal_cell	<i>HLA-DMB</i>	-0.001280144	0.015665071	0.999933169	1
Prediabetes	mesenchymal_cell	<i>C6orf141</i>	-0.001299801	0.04865107	0.999933169	1
Prediabetes	mesenchymal_cell	<i>OGFRL1</i>	-0.000606286	0.033001235	0.999933169	1
Prediabetes	mesenchymal_cell	<i>GSAP</i>	-0.001325144	0.044907205	0.999933169	1
Prediabetes	mesenchymal_cell	<i>PTPN12</i>	-0.000507099	0.012493444	0.999933169	1
Prediabetes	mesenchymal_cell	<i>CLDN15</i>	0.00064339	0.02719409	0.999933169	1
Prediabetes	mesenchymal_cell	<i>MDFIC</i>	-0.000417298	0.04247223	0.999933169	1

Prediabetes	mesenchymal_cell	<i>ABCF2</i>	-0.000387738	0.032821855	0.999933169	1
Prediabetes	mesenchymal_cell	<i>PSD3</i>	-0.000941771	0.000317035	0.999933169	1
Prediabetes	mesenchymal_cell	<i>ADAM32</i>	-0.00288991	0.040806591	0.999933169	1
Prediabetes	mesenchymal_cell	<i>IL11RA</i>	-0.001033159	0.024128752	0.999933169	1
Prediabetes	mesenchymal_cell	<i>TMEM8B</i>	-0.001066292	0.011591151	0.999933169	1
Prediabetes	mesenchymal_cell	<i>NOC3L</i>	-0.000924215	0.011976812	0.999933169	1
Prediabetes	mesenchymal_cell	<i>AFAP1L2</i>	-0.003350138	0.048368207	0.999933169	1
Prediabetes	mesenchymal_cell	<i>SCUBE2</i>	-0.001837333	0.042949228	0.999933169	1
Prediabetes	mesenchymal_cell	<i>KCNJ11</i>	0.00093689	0.040704425	0.999933169	1
Prediabetes	mesenchymal_cell	<i>GAL3ST3</i>	-0.005418783	0.028309639	0.999933169	1
Prediabetes	mesenchymal_cell	<i>CCDC15</i>	-0.00468264	0.04085609	0.999933169	1
Prediabetes	mesenchymal_cell	<i>METTL7B</i>	0.003029421	0.017694067	0.999933169	1
Prediabetes	mesenchymal_cell	<i>MDM1</i>	-0.001179549	0.019667747	0.999933169	1
Prediabetes	mesenchymal_cell	<i>PRDM4</i>	-0.000359538	0.018682507	0.999933169	1
Prediabetes	mesenchymal_cell	<i>SLC8B1</i>	-0.000896299	0.041895633	0.999933169	1
Prediabetes	mesenchymal_cell	<i>ANGEL1</i>	-0.001126242	0.034826153	0.999933169	1
Prediabetes	mesenchymal_cell	<i>CKB</i>	-0.00015622	0.038295159	0.999933169	1
Prediabetes	mesenchymal_cell	<i>NIPAI1</i>	-0.000604785	0.039339436	0.999933169	1
Prediabetes	mesenchymal_cell	<i>PLCB2</i>	-0.008422115	0.00133991	0.999933169	1
Prediabetes	mesenchymal_cell	<i>ELL3</i>	-0.002348544	0.009419591	0.999933169	1
Prediabetes	mesenchymal_cell	<i>SERF2</i>	-0.000114112	0.00445104	0.999933169	1
Prediabetes	mesenchymal_cell	<i>RPS2</i>	-2.72E-05	0.030700833	0.999933169	1
Prediabetes	mesenchymal_cell	<i>APIG1</i>	-0.000477378	0.037464889	0.999933169	1
Prediabetes	mesenchymal_cell	<i>MYO15A</i>	-0.002268891	0.025724704	0.999933169	1
Prediabetes	mesenchymal_cell	<i>SHMT1</i>	-0.002715578	0.040468873	0.999933169	1
Prediabetes	mesenchymal_cell	<i>SLFN12</i>	-0.00495758	0.002145665	0.999933169	1
Prediabetes	mesenchymal_cell	<i>HOXB3</i>	-0.001406632	0.041077914	0.999933169	1
Prediabetes	mesenchymal_cell	<i>NUP85</i>	-0.000760468	0.027928857	0.999933169	1
Prediabetes	mesenchymal_cell	<i>MAN2B1</i>	-0.000648784	0.024878701	0.999933169	1
Prediabetes	mesenchymal_cell	<i>PBX4</i>	-0.004497459	0.047835443	0.999933169	1
Prediabetes	mesenchymal_cell	<i>GPR4</i>	-0.00096122	0.039595093	0.999933169	1
Prediabetes	mesenchymal_cell	<i>HIC2</i>	-0.002341298	0.001238219	0.999933169	1
Prediabetes	mesenchymal_cell	<i>SGSM3</i>	-0.001121522	0.011967252	0.999933169	1
Prediabetes	PP_cell	<i>PIK3CD</i>	-0.001238102	0.043631133	0.989431914	1
Prediabetes	PP_cell	<i>CDA</i>	-0.002037501	0.041923884	0.989431914	1
Prediabetes	PP_cell	<i>TM2D1</i>	-0.000584424	0.02816025	0.989431914	1
Prediabetes	PP_cell	<i>RWDD3</i>	-0.000448166	0.026319458	0.989431914	1
Prediabetes	PP_cell	<i>GSTM1</i>	-0.003881742	0.022627985	0.989431914	1
Prediabetes	PP_cell	<i>NUDT17</i>	-0.000835292	0.041589204	0.989431914	1
Prediabetes	PP_cell	<i>LINGO4</i>	-0.004189528	0.004239775	0.989431914	1
Prediabetes	PP_cell	<i>GORAB</i>	-0.000639425	0.022994353	0.989431914	1
Prediabetes	PP_cell	<i>RABGAP1L</i>	-0.000298598	0.026851733	0.989431914	1
Prediabetes	PP_cell	<i>CAPN9</i>	-0.00391879	0.024023491	0.989431914	1
Prediabetes	PP_cell	<i>PAIP2B</i>	-0.00062506	0.012280812	0.989431914	1
Prediabetes	PP_cell	<i>INO80B</i>	-0.001236077	0.043034722	0.989431914	1
Prediabetes	PP_cell	<i>LBX2</i>	0.002695532	0.039154641	0.989431914	1
Prediabetes	PP_cell	<i>ANKRD36</i>	-0.000672262	0.006307924	0.989431914	1
Prediabetes	PP_cell	<i>TGFBRAP1</i>	-0.000608164	0.015049899	0.989431914	1
Prediabetes	PP_cell	<i>ANO7</i>	-0.004071648	0.019031823	0.989431914	1
Prediabetes	PP_cell	<i>SETMAR</i>	-0.001017961	0.014991778	0.989431914	1
Prediabetes	PP_cell	<i>ZNF589</i>	-0.000948351	0.040963387	0.989431914	1
Prediabetes	PP_cell	<i>CLDN16</i>	-0.004621088	0.025338644	0.989431914	1
Prediabetes	PP_cell	<i>KLHL5</i>	-0.000447793	0.030209989	0.989431914	1
Prediabetes	PP_cell	<i>HSD17B11</i>	-0.000489026	0.012320547	0.989431914	1
Prediabetes	PP_cell	<i>LMBRD2</i>	-0.000844581	0.047556098	0.989431914	1
Prediabetes	PP_cell	<i>CCDC152</i>	-0.000894275	0.01275805	0.989431914	1

Prediabetes	PP_cell	<i>POLK</i>	-0.000234269	0.032652979	0.989431914	1
Prediabetes	PP_cell	<i>POC5</i>	-0.000519711	0.037417837	0.989431914	1
Prediabetes	PP_cell	<i>PCDHB8</i>	-0.00401989	0.029895499	0.989431914	1
Prediabetes	PP_cell	<i>HLA-DQA1</i>	-0.00066961	0.049621522	0.989431914	1
Prediabetes	PP_cell	<i>HLA-DQB1</i>	-0.000422295	0.046532299	0.989431914	1
Prediabetes	PP_cell	<i>ENPP1</i>	-0.000458464	0.029420227	0.989431914	1
Prediabetes	PP_cell	<i>SUN1</i>	-0.000285232	0.015410731	0.989431914	1
Prediabetes	PP_cell	<i>CPVL</i>	-0.000693249	0.038355238	0.989431914	1
Prediabetes	PP_cell	<i>DPY19L1</i>	-0.000821407	0.021030411	0.989431914	1
Prediabetes	PP_cell	<i>ZNF713</i>	-0.000971664	0.039005263	0.989431914	1
Prediabetes	PP_cell	<i>CHCHD2</i>	8.48E-05	0.011205414	0.989431914	1
Prediabetes	PP_cell	<i>SLC25A13</i>	-0.00033628	0.020886259	0.989431914	1
Prediabetes	PP_cell	<i>BR13</i>	-0.000143543	0.030171827	0.989431914	1
Prediabetes	PP_cell	<i>PILRB</i>	-0.00048167	0.035991839	0.989431914	1
Prediabetes	PP_cell	<i>PILRA</i>	-0.002071764	0.015176784	0.989431914	1
Prediabetes	PP_cell	<i>GIGYF1</i>	-0.000426207	0.036386429	0.989431914	1
Prediabetes	PP_cell	<i>SLC37A3</i>	-0.000445626	0.048063946	0.989431914	1
Prediabetes	PP_cell	<i>RNF122</i>	0.003691405	0.011447453	0.989431914	1
Prediabetes	PP_cell	<i>TMEM38B</i>	-0.000303617	0.035316649	0.989431914	1
Prediabetes	PP_cell	<i>CDK9</i>	-0.000575216	0.038422193	0.989431914	1
Prediabetes	PP_cell	<i>FPGS</i>	-0.0005795	0.005768894	0.989431914	1
Prediabetes	PP_cell	<i>RAPGEF1</i>	-0.000836744	0.007664778	0.989431914	1
Prediabetes	PP_cell	<i>PLAU</i>	0.00047449	0.027200523	0.989431914	1
Prediabetes	PP_cell	<i>TMEM216</i>	-0.000755401	0.042511747	0.989431914	1
Prediabetes	PP_cell	<i>UCP2</i>	-0.000905979	0.007271198	0.989431914	1
Prediabetes	PP_cell	<i>CASP1</i>	-0.002275485	0.024635809	0.989431914	1
Prediabetes	PP_cell	<i>CD163</i>	-0.00210915	0.047866452	0.989431914	1
Prediabetes	PP_cell	<i>IAPP</i>	6.25E-05	0.041775788	0.989431914	1
Prediabetes	PP_cell	<i>MYRFL</i>	-0.006211541	0.019431209	0.989431914	1
Prediabetes	PP_cell	<i>SLC8B1</i>	-0.000895078	0.040904798	0.989431914	1
Prediabetes	PP_cell	<i>SDS</i>	-0.000492188	0.049635245	0.989431914	1
Prediabetes	PP_cell	<i>OXGR1</i>	-0.00301117	0.046274146	0.989431914	1
Prediabetes	PP_cell	<i>LRRC57</i>	-0.000771191	0.04838097	0.989431914	1
Prediabetes	PP_cell	<i>AP3S2</i>	0.000287074	0.02371695	0.989431914	1
Prediabetes	PP_cell	<i>SV2B</i>	0.001672147	0.000350094	0.989431914	1
Prediabetes	PP_cell	<i>SULT1A1</i>	-0.001243342	0.042877278	0.989431914	1
Prediabetes	PP_cell	<i>FANCA</i>	-0.001426396	0.042945144	0.989431914	1
Prediabetes	PP_cell	<i>ELAC2</i>	-0.000539878	0.045658811	0.989431914	1
Prediabetes	PP_cell	<i>TRIM16</i>	0.00077936	0.015226565	0.989431914	1
Prediabetes	PP_cell	<i>POTEC</i>	-0.00476157	0.001870508	0.989431914	1
Prediabetes	PP_cell	<i>ARID3A</i>	-0.000771064	0.045458165	0.989431914	1
Prediabetes	PP_cell	<i>UBA52</i>	-0.000123574	0.00096325	0.989431914	1
Prediabetes	PP_cell	<i>MYH14</i>	-0.000311678	0.043302149	0.989431914	1
Prediabetes	PP_cell	<i>TMEM230</i>	-0.000267952	0.00770379	0.989431914	1
Prediabetes	PP_cell	<i>PYGB</i>	-0.000705967	0.036987454	0.989431914	1
Prediabetes	PP_cell	<i>TTI1</i>	-0.000497617	0.03731331	0.989431914	1
Prediabetes	PP_cell	<i>RIBC2</i>	-0.006378888	0.033551953	0.989431914	1
Prediabetes	PP_cell	<i>TYMP</i>	-0.000328774	0.046706122	0.989431914	1
T2DM_admission	acinar_cell	<i>MIB2</i>	-0.003870089	0.021263512	0.490973127	1
T2DM_admission	acinar_cell	<i>SLC35E2B</i>	-0.007301626	0.027348629	0.516723336	1
T2DM_admission	acinar_cell	<i>H6PD</i>	0.002142872	0.029839738	0.519347911	1
T2DM_admission	acinar_cell	<i>MTHFR</i>	-0.003613686	0.029845533	0.519347911	1
T2DM_admission	acinar_cell	<i>NECAP2</i>	-0.003919111	1.74E-05	0.021720252	0.065160755
T2DM_admission	acinar_cell	<i>EPHB2</i>	0.004997293	0.012543886	0.387823788	1
T2DM_admission	acinar_cell	<i>RHD</i>	-0.028649976	0.0268681	0.516723336	1
T2DM_admission	acinar_cell	<i>XKR8</i>	-0.004459149	0.047028921	0.590386551	1

T2DM_admission acinar_cell	<i>PPIE</i>	-0.00395117	0.046814558	0.58967428	1
T2DM_admission acinar_cell	<i>EXO5</i>	0.00644489	0.010666072	0.355889695	1
T2DM_admission acinar_cell	<i>NSUN4</i>	-0.003751175	0.034779528	0.548277349	1
T2DM_admission acinar_cell	<i>DRI</i>	-0.00302773	0.009182149	0.353150907	1
T2DM_admission acinar_cell	<i>RWDD3</i>	-0.003021852	0.010091637	0.353150907	1
T2DM_admission acinar_cell	<i>PTBP2</i>	-0.002271854	0.020044253	0.480676615	1
T2DM_admission acinar_cell	<i>SNX7</i>	-0.006045921	0.029093557	0.519347911	1
T2DM_admission acinar_cell	<i>PALMD</i>	0.004741831	0.046388502	0.587211229	1
T2DM_admission acinar_cell	<i>LRRC39</i>	-0.008387896	0.034307057	0.548277349	1
T2DM_admission acinar_cell	<i>SYPL2</i>	-0.00924582	0.003362631	0.251592015	1
T2DM_admission acinar_cell	<i>ST7L</i>	-0.004272248	0.021178488	0.490973127	1
T2DM_admission acinar_cell	<i>PTPN22</i>	0.017797978	0.01001849	0.353150907	1
T2DM_admission acinar_cell	<i>LINGO4</i>	-0.031255384	0.000225996	0.084545046	0.845450457
T2DM_admission acinar_cell	<i>SLC25A44</i>	-0.004910356	0.019694734	0.480526172	1
T2DM_admission acinar_cell	<i>MRPS14</i>	-0.00621778	0.032130477	0.536607657	1
T2DM_admission acinar_cell	<i>TNNI1</i>	-0.056666423	0.00017246	0.084545046	0.64517212
T2DM_admission acinar_cell	<i>CHI3L1</i>	-0.004057286	0.038102918	0.559677671	1
T2DM_admission acinar_cell	<i>SRGAP2</i>	-0.005605441	0.024894296	0.508446255	1
T2DM_admission acinar_cell	<i>TAF1A</i>	0.010791976	0.014526315	0.421263127	1
T2DM_admission acinar_cell	<i>TMEM18</i>	-0.001536775	0.04922361	0.594357015	1
T2DM_admission acinar_cell	<i>LPIN1</i>	-0.001520728	0.042614132	0.577755738	1
T2DM_admission acinar_cell	<i>KLHL29</i>	-0.013371154	0.035686874	0.551209155	1
T2DM_admission acinar_cell	<i>ATRAID</i>	-0.000946707	0.022894173	0.500882868	1
T2DM_admission acinar_cell	<i>KRTCAP3</i>	-0.002571806	0.009944147	0.353150907	1
T2DM_admission acinar_cell	<i>LCLAT1</i>	-0.00485594	0.005246001	0.286130817	1
T2DM_admission acinar_cell	<i>ACTR2</i>	0.000877641	0.038170648	0.559677671	1
T2DM_admission acinar_cell	<i>NAT8</i>	0.003362957	0.003879334	0.272788696	1
T2DM_admission acinar_cell	<i>DNAH6</i>	0.006365098	0.039694655	0.566785132	1
T2DM_admission acinar_cell	<i>REEP1</i>	-0.006961267	0.030541711	0.519347911	1
T2DM_admission acinar_cell	<i>ANKRD36</i>	0.002893121	0.042912935	0.577755738	1
T2DM_admission acinar_cell	<i>COX5B</i>	0.000745095	0.015619987	0.429265592	1
T2DM_admission acinar_cell	<i>MERTK</i>	0.005379291	0.030089882	0.519347911	1
T2DM_admission acinar_cell	<i>CHCHD5</i>	-0.001884792	0.028977732	0.519347911	1
T2DM_admission acinar_cell	<i>CYBRD1</i>	-0.003493686	0.041393508	0.573126894	1
T2DM_admission acinar_cell	<i>PMS1</i>	-0.010537611	0.000171559	0.084545046	0.64180316
T2DM_admission acinar_cell	<i>HIBCH</i>	-0.004578625	0.017562992	0.453919559	1
T2DM_admission acinar_cell	<i>DNAH7</i>	-0.005580601	0.010100815	0.353150907	1
T2DM_admission acinar_cell	<i>ATIC</i>	-0.005316103	0.034351415	0.548277349	1
T2DM_admission acinar_cell	<i>SUMF1</i>	-0.007111188	0.028094966	0.519347911	1
T2DM_admission acinar_cell	<i>CTDSPL</i>	-0.001567109	0.045990743	0.587211229	1
T2DM_admission acinar_cell	<i>ALS2CL</i>	-0.025292456	1.05E-08	3.93E-05	3.93E-05
T2DM_admission acinar_cell	<i>TREX1</i>	0.032083638	0.010222692	0.354102689	1
T2DM_admission acinar_cell	<i>DOCK3</i>	-0.005017772	0.006402897	0.302641077	1
T2DM_admission acinar_cell	<i>TEX264</i>	-0.001609545	0.010425735	0.354774816	1
T2DM_admission acinar_cell	<i>RFT1</i>	-0.011819133	0.002764246	0.246215365	1
T2DM_admission acinar_cell	<i>IL17RD</i>	-0.011054734	0.017957791	0.453919559	1
T2DM_admission acinar_cell	<i>CADPS</i>	-0.00222967	0.00487609	0.280637759	1
T2DM_admission acinar_cell	<i>CGGBP1</i>	-0.00094036	0.028736272	0.519347911	1
T2DM_admission acinar_cell	<i>EPHA3</i>	0.011540737	0.042082804	0.575391606	1
T2DM_admission acinar_cell	<i>P2RY12</i>	0.051461984	0.02409122	0.502491885	1
T2DM_admission acinar_cell	<i>PLCH1</i>	-0.013650146	0.006620467	0.302641077	1
T2DM_admission acinar_cell	<i>LRRC34</i>	-0.007421651	0.036985368	0.557612972	1
T2DM_admission acinar_cell	<i>GPR160</i>	-0.008557993	0.001629349	0.207646318	1
T2DM_admission acinar_cell	<i>MRPL47</i>	-0.001763208	0.000176961	0.084545046	0.662011845
T2DM_admission acinar_cell	<i>PIGZ</i>	-0.00891742	0.000816272	0.155550137	1
T2DM_admission acinar_cell	<i>DOK7</i>	-0.018805223	0.003021886	0.247013192	1

T2DM_admission acinar_cell	<i>ADRA2C</i>	0.005064105	0.023615325	0.502491885	1
T2DM_admission acinar_cell	<i>SLC2A9</i>	-0.009057164	0.017288274	0.452275746	1
T2DM_admission acinar_cell	<i>CLNK</i>	-0.046124704	0.003037318	0.247013192	1
T2DM_admission acinar_cell	<i>LDB2</i>	0.005601686	0.010431764	0.354774816	1
T2DM_admission acinar_cell	<i>SRD5A3</i>	0.003492624	0.026061513	0.515852495	1
T2DM_admission acinar_cell	<i>SRP72</i>	-0.001550094	0.000182493	0.084545046	0.682705558
T2DM_admission acinar_cell	<i>ARL9</i>	0.008779314	0.01492911	0.423104555	1
T2DM_admission acinar_cell	<i>GNRHR</i>	-0.038549283	0.047664749	0.591678325	1
T2DM_admission acinar_cell	<i>MAPK10</i>	-0.003459033	0.022219976	0.500752598	1
T2DM_admission acinar_cell	<i>GPRIN3</i>	-0.002773193	0.001507518	0.207646318	1
T2DM_admission acinar_cell	<i>ARFIP1</i>	-0.002156144	0.019190651	0.472317271	1
T2DM_admission acinar_cell	<i>CCNO</i>	-0.016918727	0.002656319	0.246215365	1
T2DM_admission acinar_cell	<i>NSA2</i>	-0.000946679	0.002708916	0.246215365	1
T2DM_admission acinar_cell	<i>CAST</i>	0.000605828	0.032746803	0.539673076	1
T2DM_admission acinar_cell	<i>KLHL3</i>	0.004115277	0.001729965	0.207646318	1
T2DM_admission acinar_cell	<i>TMCO6</i>	-0.027549125	0.002158975	0.225204833	1
T2DM_admission acinar_cell	<i>RGS14</i>	-0.005416175	0.009808949	0.353150907	1
T2DM_admission acinar_cell	<i>ZNF879</i>	-0.007602123	0.047922623	0.591678325	1
T2DM_admission acinar_cell	<i>RIPK1</i>	-0.004983091	0.020989349	0.490757207	1
T2DM_admission acinar_cell	<i>ECI2</i>	-0.002229012	0.029861255	0.519347911	1
T2DM_admission acinar_cell	<i>GMPR</i>	0.005660931	0.005614919	0.290448781	1
T2DM_admission acinar_cell	<i>ZNF391</i>	-0.017261944	0.010086764	0.353150907	1
T2DM_admission acinar_cell	<i>ZSCAN31</i>	-0.008236539	0.025545483	0.51278807	1
T2DM_admission acinar_cell	<i>ZSCAN23</i>	-0.019440064	0.018506456	0.461551012	1
T2DM_admission acinar_cell	<i>VAR2</i>	0.00933631	0.004011887	0.272788696	1
T2DM_admission acinar_cell	<i>VWA7</i>	-0.021054122	0.026316165	0.516723336	1
T2DM_admission acinar_cell	<i>PPT2</i>	-0.011571332	0.009600994	0.353150907	1
T2DM_admission acinar_cell	<i>PSMB9</i>	-0.003164666	0.04214309	0.575391606	1
T2DM_admission acinar_cell	<i>B3GALT4</i>	-0.004552465	0.038299247	0.559677671	1
T2DM_admission acinar_cell	<i>BAK1</i>	-0.005920414	0.04112433	0.573126894	1
T2DM_admission acinar_cell	<i>CCDC167</i>	-0.003697065	0.03350741	0.545005316	1
T2DM_admission acinar_cell	<i>MDGA1</i>	-0.017688433	0.01473385	0.423053325	1
T2DM_admission acinar_cell	<i>PGC</i>	-0.0093633	0.046462049	0.587211229	1
T2DM_admission acinar_cell	<i>PEX6</i>	-0.007396011	0.003329134	0.251592015	1
T2DM_admission acinar_cell	<i>GSTA2</i>	0.011487418	0.046370003	0.587211229	1
T2DM_admission acinar_cell	<i>B3GAT2</i>	0.006463971	0.041517612	0.573126894	1
T2DM_admission acinar_cell	<i>BCKDHB</i>	0.005626151	0.001808701	0.207646318	1
T2DM_admission acinar_cell	<i>SMPDL3A</i>	-0.002514678	0.005269081	0.286130817	1
T2DM_admission acinar_cell	<i>ECHDC1</i>	-0.002873216	0.03455213	0.548277349	1
T2DM_admission acinar_cell	<i>PHACTR2</i>	-0.001593959	0.028389175	0.519347911	1
T2DM_admission acinar_cell	<i>RAET1G</i>	-0.031591497	0.003170509	0.251592015	1
T2DM_admission acinar_cell	<i>MTRFIL</i>	0.002185119	0.001710081	0.207646318	1
T2DM_admission acinar_cell	<i>TULP4</i>	0.002197957	0.015380993	0.429265592	1
T2DM_admission acinar_cell	<i>EZR</i>	-0.001684681	0.000207034	0.084545046	0.774514161
T2DM_admission acinar_cell	<i>CARD11</i>	-0.006284576	0.035955921	0.551209155	1
T2DM_admission acinar_cell	<i>RPA3</i>	0.001593545	0.026696669	0.516723336	1
T2DM_admission acinar_cell	<i>CRHR2</i>	-0.021913075	0.013935142	0.407276303	1
T2DM_admission acinar_cell	<i>EPDR1</i>	-0.008402557	0.010845075	0.355889695	1
T2DM_admission acinar_cell	<i>VPS41</i>	-0.006558134	0.004677835	0.280578373	1
T2DM_admission acinar_cell	<i>LINC00957</i>	-0.016051034	0.022673246	0.500882868	1
T2DM_admission acinar_cell	<i>PSPH</i>	-0.01011452	0.017825141	0.453919559	1
T2DM_admission acinar_cell	<i>ZNF107</i>	-0.006441622	0.017879238	0.453919559	1
T2DM_admission acinar_cell	<i>PTPN12</i>	-0.002714207	0.021392307	0.490973127	1
T2DM_admission acinar_cell	<i>POLR2J3</i>	-0.001662444	0.035329516	0.548413778	1
T2DM_admission acinar_cell	<i>THAP5</i>	-0.001628028	0.040493723	0.567367112	1
T2DM_admission acinar_cell	<i>TSPAN12</i>	-0.004351104	0.028966874	0.519347911	1

T2DM_admission acinar_cell	<i>CADPS2</i>	0.005139217	0.009693885	0.353150907	1
T2DM_admission acinar_cell	<i>IRF5</i>	-0.006788992	0.038866521	0.563051853	1
T2DM_admission acinar_cell	<i>SLC37A3</i>	-0.002640689	0.043273079	0.578477347	1
T2DM_admission acinar_cell	<i>RHEB</i>	0.00091658	0.045371695	0.587211229	1
T2DM_admission acinar_cell	<i>NUDT18</i>	-0.009191531	0.036657921	0.555211676	1
T2DM_admission acinar_cell	<i>RNF122</i>	-0.017781797	0.035945293	0.551209155	1
T2DM_admission acinar_cell	<i>SNX16</i>	-0.010415663	0.008374683	0.348107664	1
T2DM_admission acinar_cell	<i>MMP16</i>	-0.007717049	0.001511001	0.207646318	1
T2DM_admission acinar_cell	<i>SAMD12</i>	0.004090182	0.015720232	0.429265592	1
T2DM_admission acinar_cell	<i>TRMT12</i>	-0.00271291	0.040453997	0.567367112	1
T2DM_admission acinar_cell	<i>ZC3H3</i>	-0.007768141	0.002910369	0.247013192	1
T2DM_admission acinar_cell	<i>RPP25L</i>	-0.00328816	0.047524038	0.591678325	1
T2DM_admission acinar_cell	<i>IL11RA</i>	-0.007200306	0.006122331	0.296532805	1
T2DM_admission acinar_cell	<i>FANCG</i>	-0.013217158	0.010561313	0.355889695	1
T2DM_admission acinar_cell	<i>ARHGEF39</i>	-0.038806914	0.000406216	0.099770383	1
T2DM_admission acinar_cell	<i>FXN</i>	-0.003940565	0.009297872	0.353150907	1
T2DM_admission acinar_cell	<i>NMRK1</i>	-0.004030022	0.039132179	0.563051853	1
T2DM_admission acinar_cell	<i>ROR2</i>	0.00732127	0.022603829	0.500882868	1
T2DM_admission acinar_cell	<i>UGCG</i>	0.002222328	0.012050601	0.384277529	1
T2DM_admission acinar_cell	<i>SUSD1</i>	-0.006088644	0.029812002	0.519347911	1
T2DM_admission acinar_cell	<i>RGS3</i>	-0.006093723	0.029733071	0.519347911	1
T2DM_admission acinar_cell	<i>ARPC5L</i>	0.000649462	0.044071398	0.584649288	1
T2DM_admission acinar_cell	<i>CDK9</i>	-0.00373221	0.020846827	0.490490436	1
T2DM_admission acinar_cell	<i>FPGS</i>	-0.002763933	0.023500144	0.502491885	1
T2DM_admission acinar_cell	<i>DNM1</i>	-0.003533049	0.034672702	0.548277349	1
T2DM_admission acinar_cell	<i>QRF</i>	-0.119481851	0.000266982	0.090798005	0.998778056
T2DM_admission acinar_cell	<i>ADAMTS13</i>	-0.028705634	0.012842158	0.389090577	1
T2DM_admission acinar_cell	<i>DBH</i>	0.002300272	0.033433109	0.545005316	1
T2DM_admission acinar_cell	<i>UBAC1</i>	-0.003889438	0.00427109	0.280318362	1
T2DM_admission acinar_cell	<i>MAN1B1</i>	-0.0032019	0.002383286	0.234628239	1
T2DM_admission acinar_cell	<i>ENTPD8</i>	-0.017876703	0.00986242	0.353150907	1
T2DM_admission acinar_cell	<i>GTPBP4</i>	0.001116535	0.049140861	0.594357015	1
T2DM_admission acinar_cell	<i>AKRIC2</i>	0.00772225	0.003998339	0.272788696	1
T2DM_admission acinar_cell	<i>CAMK1D</i>	-0.017151963	0.000314362	0.092868004	1
T2DM_admission acinar_cell	<i>MLLT10</i>	0.003568164	0.025400718	0.51278807	1
T2DM_admission acinar_cell	<i>ATOH7</i>	-0.015301688	0.0283932	0.519347911	1
T2DM_admission acinar_cell	<i>STOX1</i>	-0.012774129	0.003916429	0.272788696	1
T2DM_admission acinar_cell	<i>SGPL1</i>	-0.001955724	0.03650617	0.5551609	1
T2DM_admission acinar_cell	<i>VDAC2</i>	-0.001127076	0.042934	0.577755738	1
T2DM_admission acinar_cell	<i>AS3MT</i>	-0.00680839	0.011236899	0.365541216	1
T2DM_admission acinar_cell	<i>NEURL1</i>	-0.004142338	0.000130391	0.084545046	0.487794183
T2DM_admission acinar_cell	<i>GSTO1</i>	-0.001022294	0.044554021	0.587211229	1
T2DM_admission acinar_cell	<i>GSTO2</i>	-0.001461487	0.035174645	0.548413778	1
T2DM_admission acinar_cell	<i>ADRB1</i>	-0.008447827	0.013044845	0.389090577	1
T2DM_admission acinar_cell	<i>BNIP3</i>	-0.001849998	0.030240378	0.519347911	1
T2DM_admission acinar_cell	<i>B4GALNT4</i>	-0.011361019	0.016251543	0.434264442	1
T2DM_admission acinar_cell	<i>TRPM5</i>	-0.035103444	0.047303308	0.591678325	1
T2DM_admission acinar_cell	<i>ZNF195</i>	0.00286775	0.04785609	0.591678325	1
T2DM_admission acinar_cell	<i>ZNF215</i>	-0.022566978	0.013587396	0.400239753	1
T2DM_admission acinar_cell	<i>TRIM66</i>	-0.00687889	0.003245616	0.251592015	1
T2DM_admission acinar_cell	<i>KCNJ11</i>	0.005344958	0.04289177	0.577755738	1
T2DM_admission acinar_cell	<i>TPH1</i>	-0.014178606	0.040310671	0.567367112	1
T2DM_admission acinar_cell	<i>ARL14EP</i>	-0.002312164	0.006179964	0.296532805	1
T2DM_admission acinar_cell	<i>MADD</i>	-0.004396173	0.017957597	0.453919559	1
T2DM_admission acinar_cell	<i>ZFP91</i>	-0.002849484	0.02665752	0.516723336	1
T2DM_admission acinar_cell	<i>DAGLA</i>	-0.006169609	0.045691907	0.587211229	1

T2DM_admission acinar_cell	<i>FADS1</i>	-0.002997896	0.040232038	0.567367112	1
T2DM_admission acinar_cell	<i>ASRGL1</i>	-0.004338706	0.009940591	0.353150907	1
T2DM_admission acinar_cell	<i>EML3</i>	-0.003728292	0.029513505	0.519347911	1
T2DM_admission acinar_cell	<i>NAA40</i>	-0.004425275	0.007004384	0.302641077	1
T2DM_admission acinar_cell	<i>TRPT1</i>	-0.008766105	0.012917436	0.389090577	1
T2DM_admission acinar_cell	<i>TRMT112</i>	-0.001605751	0.020806485	0.490490436	1
T2DM_admission acinar_cell	<i>SAC3D1</i>	-0.003708985	0.049078055	0.594357015	1
T2DM_admission acinar_cell	<i>TPCN2</i>	-0.015292067	0.04873922	0.594357015	1
T2DM_admission acinar_cell	<i>PLEKHB1</i>	-0.005339357	0.025007782	0.508446255	1
T2DM_admission acinar_cell	<i>UCP2</i>	0.004111406	0.036098969	0.551209155	1
T2DM_admission acinar_cell	<i>ALG8</i>	0.006100778	0.007103694	0.302641077	1
T2DM_admission acinar_cell	<i>NAALAD2</i>	0.047732396	0.000536427	0.111487309	1
T2DM_admission acinar_cell	<i>KDM4E</i>	0.039900944	0.009761888	0.353150907	1
T2DM_admission acinar_cell	<i>TTC12</i>	-0.010938762	0.007075433	0.302641077	1
T2DM_admission acinar_cell	<i>APOA5</i>	0.025802993	0.016516334	0.435123981	1
T2DM_admission acinar_cell	<i>TRAPPC4</i>	-0.001533489	0.037914418	0.559677671	1
T2DM_admission acinar_cell	<i>TMEM218</i>	-0.002700928	0.030462769	0.519347911	1
T2DM_admission acinar_cell	<i>FAM118B</i>	-0.011608781	0.037852385	0.559677671	1
T2DM_admission acinar_cell	<i>TEAD4</i>	-0.006022223	0.003495538	0.256408017	1
T2DM_admission acinar_cell	<i>TAS2R31</i>	0.007323292	0.023554409	0.502491885	1
T2DM_admission acinar_cell	<i>TAS2R43</i>	0.015539663	0.030437528	0.519347911	1
T2DM_admission acinar_cell	<i>GPRC5A</i>	-0.009594867	0.027002781	0.516723336	1
T2DM_admission acinar_cell	<i>RECQL</i>	-0.003886777	0.040462382	0.567367112	1
T2DM_admission acinar_cell	<i>STK38L</i>	-0.002804676	0.043298191	0.578477347	1
T2DM_admission acinar_cell	<i>ZCRB1</i>	-0.001291719	0.005667672	0.290448781	1
T2DM_admission acinar_cell	<i>RACGAP1</i>	-0.016546266	0.026714182	0.516723336	1
T2DM_admission acinar_cell	<i>GTSF1</i>	-0.02959761	0.041956138	0.575391606	1
T2DM_admission acinar_cell	<i>RPS26</i>	-0.000439448	0.012121023	0.384277529	1
T2DM_admission acinar_cell	<i>ERBB3</i>	-0.00481348	0.010788264	0.355889695	1
T2DM_admission acinar_cell	<i>MYRFL</i>	0.055553195	0.000345036	0.092868004	1
T2DM_admission acinar_cell	<i>DRAM1</i>	-0.005354223	0.04886654	0.594357015	1
T2DM_admission acinar_cell	<i>PRDM4</i>	0.002641768	0.002907523	0.247013192	1
T2DM_admission acinar_cell	<i>TBX3</i>	-0.00379628	0.009254422	0.353150907	1
T2DM_admission acinar_cell	<i>COQ5</i>	-0.007906158	0.006930307	0.302641077	1
T2DM_admission acinar_cell	<i>TMED2</i>	-0.001575503	0.005445613	0.286930121	1
T2DM_admission acinar_cell	<i>ATP12A</i>	-0.026592686	0.002114982	0.225204833	1
T2DM_admission acinar_cell	<i>MTMR6</i>	-0.004436806	0.02563255	0.51278807	1
T2DM_admission acinar_cell	<i>WASF3</i>	-0.005999827	0.002504471	0.240236532	1
T2DM_admission acinar_cell	<i>HAUS4</i>	0.004135905	0.043451519	0.578477347	1
T2DM_admission acinar_cell	<i>PAX9</i>	-0.077627863	0.008736663	0.353150907	1
T2DM_admission acinar_cell	<i>BMP4</i>	-0.005794007	0.004725057	0.280578373	1
T2DM_admission acinar_cell	<i>ZBTB1</i>	-0.005832348	0.012455458	0.387823788	1
T2DM_admission acinar_cell	<i>PLEK2</i>	-0.016779977	0.019159492	0.472317271	1
T2DM_admission acinar_cell	<i>ESRRB</i>	0.048666858	0.001134122	0.184467377	1
T2DM_admission acinar_cell	<i>AVEN</i>	-0.004345105	0.045613772	0.587211229	1
T2DM_admission acinar_cell	<i>KNSTRN</i>	-0.006619319	0.015489961	0.429265592	1
T2DM_admission acinar_cell	<i>NDUFAF1</i>	-0.003954289	0.04539266	0.587211229	1
T2DM_admission acinar_cell	<i>ATP8B4</i>	-0.024614094	0.004830072	0.280637759	1
T2DM_admission acinar_cell	<i>LINC00926</i>	-0.003705949	0.04488672	0.587211229	1
T2DM_admission acinar_cell	<i>TPM1</i>	-0.000626395	0.039000536	0.563051853	1
T2DM_admission acinar_cell	<i>SPG21</i>	0.002082017	0.010091247	0.353150907	1
T2DM_admission acinar_cell	<i>IDH2</i>	-0.004411218	0.004526046	0.280578373	1
T2DM_admission acinar_cell	<i>SV2B</i>	-0.007391773	0.0068831	0.302641077	1
T2DM_admission acinar_cell	<i>LRRK1</i>	0.00522788	0.025847152	0.514330831	1
T2DM_admission acinar_cell	<i>LMF1</i>	-0.004728302	0.028657447	0.519347911	1
T2DM_admission acinar_cell	<i>FAHD1</i>	0.004829155	0.023365119	0.502491885	1

T2DM_admission acinar_cell	<i>SYNGR3</i>	-0.014210954	0.00707261	0.302641077	1
T2DM_admission acinar_cell	<i>EIF3C</i>	0.004271114	0.024808729	0.508446255	1
T2DM_admission acinar_cell	<i>COX6A2</i>	-0.015012889	0.022682443	0.500882868	1
T2DM_admission acinar_cell	<i>SLC5A2</i>	-0.012641664	0.031986892	0.536605208	1
T2DM_admission acinar_cell	<i>WWOX</i>	-0.002391213	0.044804163	0.587211229	1
T2DM_admission acinar_cell	<i>TAF1C</i>	-0.003362627	0.029453298	0.519347911	1
T2DM_admission acinar_cell	<i>ACSF3</i>	-0.002704381	0.021886147	0.496218636	1
T2DM_admission acinar_cell	<i>DBNDD1</i>	-0.006725591	0.03719416	0.557612972	1
T2DM_admission acinar_cell	<i>SLC43A2</i>	-0.003591501	0.044912882	0.587211229	1
T2DM_admission acinar_cell	<i>SRR</i>	-0.0068398	0.004083445	0.272788696	1
T2DM_admission acinar_cell	<i>CDRT15</i>	-0.049655733	0.001471281	0.207646318	1
T2DM_admission acinar_cell	<i>TRIM16</i>	0.004498931	0.016017841	0.431098862	1
T2DM_admission acinar_cell	<i>FAM106A</i>	-0.008149533	0.027333336	0.516723336	1
T2DM_admission acinar_cell	<i>TRIM16L</i>	-0.022818726	0.015589559	0.429265592	1
T2DM_admission acinar_cell	<i>USP22</i>	-0.002186211	0.00529647	0.286130817	1
T2DM_admission acinar_cell	<i>MYO18A</i>	0.004472528	0.018392478	0.461551012	1
T2DM_admission acinar_cell	<i>CRLF3</i>	-0.003261368	0.032503234	0.538998691	1
T2DM_admission acinar_cell	<i>NLE1</i>	-0.01568509	0.031295625	0.529759883	1
T2DM_admission acinar_cell	<i>SLFN12</i>	-0.021121979	0.024147785	0.502491885	1
T2DM_admission acinar_cell	<i>DHRS11</i>	-0.004487539	0.027271262	0.516723336	1
T2DM_admission acinar_cell	<i>MSL1</i>	-0.002234741	0.046069022	0.587211229	1
T2DM_admission acinar_cell	<i>LRRC37A2</i>	-0.021892588	0.002227367	0.225204833	1
T2DM_admission acinar_cell	<i>COX11</i>	-0.001182808	0.019781083	0.480526172	1
T2DM_admission acinar_cell	<i>PPM1E</i>	-0.010372543	0.032561803	0.538998691	1
T2DM_admission acinar_cell	<i>RPS6KB1</i>	-0.002323687	0.001319088	0.205612904	1
T2DM_admission acinar_cell	<i>MAP3K3</i>	-0.001833544	0.024463918	0.505632688	1
T2DM_admission acinar_cell	<i>LIMD2</i>	0.00729497	0.007294959	0.306634173	1
T2DM_admission acinar_cell	<i>CCDC47</i>	-0.001945252	0.000995335	0.169252216	1
T2DM_admission acinar_cell	<i>FTSJ3</i>	-0.005970926	0.000831597	0.155550137	1
T2DM_admission acinar_cell	<i>PSMC5</i>	-0.001693203	0.000432532	0.099770383	1
T2DM_admission acinar_cell	<i>SMARCD2</i>	-0.006945128	0.000453381	0.099770383	1
T2DM_admission acinar_cell	<i>MILR1</i>	0.012530481	0.005771195	0.291757319	1
T2DM_admission acinar_cell	<i>TEN1</i>	-0.006709219	0.006089896	0.296532805	1
T2DM_admission acinar_cell	<i>EVPL</i>	0.024545247	0.016389935	0.434856357	1
T2DM_admission acinar_cell	<i>CCDC40</i>	-0.009615773	0.006182721	0.296532805	1
T2DM_admission acinar_cell	<i>LINC00668</i>	-0.04681859	0.034319808	0.548277349	1
T2DM_admission acinar_cell	<i>NPC1</i>	-0.003568867	0.000347541	0.092868004	1
T2DM_admission acinar_cell	<i>TXNL4A</i>	0.001426663	0.014814217	0.423053325	1
T2DM_admission acinar_cell	<i>GNAI5</i>	-0.027233349	0.001567251	0.207646318	1
T2DM_admission acinar_cell	<i>SLC25A41</i>	0.028666387	0.038028875	0.559677671	1
T2DM_admission acinar_cell	<i>LRP3</i>	-0.010232152	0.020827302	0.490490436	1
T2DM_admission acinar_cell	<i>MAG</i>	-0.031890035	0.013104895	0.389090577	1
T2DM_admission acinar_cell	<i>UPK1A</i>	-0.031818684	0.039306018	0.563386263	1
T2DM_admission acinar_cell	<i>ZNF382</i>	-0.009307631	0.028602431	0.519347911	1
T2DM_admission acinar_cell	<i>ZNF527</i>	-0.016545872	0.007119063	0.302641077	1
T2DM_admission acinar_cell	<i>CXCL17</i>	-0.012644711	0.011621062	0.374779237	1
T2DM_admission acinar_cell	<i>LYPD5</i>	-0.008880672	0.013092443	0.389090577	1
T2DM_admission acinar_cell	<i>SLC6A16</i>	-0.010270358	0.024110222	0.502491885	1
T2DM_admission acinar_cell	<i>KLK11</i>	-0.010717603	0.045500367	0.587211229	1
T2DM_admission acinar_cell	<i>ZNF816</i>	-0.00662616	0.004588928	0.280578373	1
T2DM_admission acinar_cell	<i>ZNF415</i>	-0.006481902	0.022895207	0.500882868	1
T2DM_admission acinar_cell	<i>LILRB3</i>	-0.016003827	0.019984179	0.480676615	1
T2DM_admission acinar_cell	<i>DNAAF3</i>	-0.009037859	0.005337243	0.286130817	1
T2DM_admission acinar_cell	<i>SYT5</i>	-0.002648132	0.034322542	0.548277349	1
T2DM_admission acinar_cell	<i>ZNF304</i>	0.00336316	0.041280466	0.573126894	1
T2DM_admission acinar_cell	<i>ZNF343</i>	-0.010305476	0.038458084	0.559812027	1

T2DM_admission acinar_cell	<i>OXT</i>	-0.015243988	0.024177637	0.502491885	1
T2DM_admission acinar_cell	<i>APMAP</i>	-0.003256306	0.0046397	0.280578373	1
T2DM_admission acinar_cell	<i>ENTPD6</i>	-0.003529087	0.021732215	0.495733026	1
T2DM_admission acinar_cell	<i>PYGB</i>	-0.004440591	0.024157511	0.502491885	1
T2DM_admission acinar_cell	<i>MAPRE1</i>	-0.00225969	0.001831684	0.207646318	1
T2DM_admission acinar_cell	<i>NCOA6</i>	-0.001442616	0.037263631	0.557612972	1
T2DM_admission acinar_cell	<i>MTG2</i>	-0.004460445	0.005353958	0.286130817	1
T2DM_admission acinar_cell	<i>CCT8</i>	-0.00176513	0.03488105	0.548277349	1
T2DM_admission acinar_cell	<i>SETD4</i>	0.004256954	0.028110346	0.519347911	1
T2DM_admission acinar_cell	<i>HMGN1</i>	-0.000605569	0.031510271	0.530990644	1
T2DM_admission acinar_cell	<i>ABCG1</i>	-0.004158605	0.00883564	0.353150907	1
T2DM_admission acinar_cell	<i>PI4KA</i>	-0.004109169	0.032992718	0.541341037	1
T2DM_admission acinar_cell	<i>SMARCB1</i>	-0.002055743	0.048112744	0.592071625	1
T2DM_admission acinar_cell	<i>SLC2A11</i>	0.007636462	0.035203592	0.548413778	1
T2DM_admission acinar_cell	<i>UQCRI0</i>	-0.000867573	0.012370611	0.387823788	1
T2DM_admission acinar_cell	<i>FOXRED2</i>	0.008269363	0.00218967	0.225204833	1
T2DM_admission acinar_cell	<i>C1QTNF6</i>	-0.013548356	0.004407018	0.280578373	1
T2DM_admission acinar_cell	<i>XPNPEP3</i>	-0.002756497	0.015968341	0.431098862	1
T2DM_admission acinar_cell	<i>A4GALT</i>	-0.002816656	0.049251717	0.594357015	1
T2DM_admission acinar_cell	<i>TTLL12</i>	-0.009897451	1.69E-06	0.003153382	0.006306765
T2DM_admission acinar_cell	<i>FAM118A</i>	-0.003166624	0.000927963	0.16531001	1
T2DM_admission acinar_cell	<i>MIOX</i>	0.017948804	0.006951628	0.302641077	1
T2DM_admission alpha_cell	<i>ATAD3A</i>	-0.006444036	0.00947	0.224085568	1
T2DM_admission alpha_cell	<i>VAMP3</i>	-0.001592162	0.005434757	0.165296158	1
T2DM_admission alpha_cell	<i>PARK7</i>	-0.001028835	0.006160805	0.178663335	1
T2DM_admission alpha_cell	<i>CLSTN1</i>	-0.00246377	0.028356536	0.327581595	1
T2DM_admission alpha_cell	<i>MFAP2</i>	-0.007791897	0.039368969	0.367775907	1
T2DM_admission alpha_cell	<i>OTUD3</i>	0.004404724	0.01240252	0.240403249	1
T2DM_admission alpha_cell	<i>FAM43B</i>	-0.02012974	0.047575566	0.391000859	1
T2DM_admission alpha_cell	<i>EXTL1</i>	0.042317942	0.016920995	0.271356774	1
T2DM_admission alpha_cell	<i>TRIM63</i>	0.012945021	0.026882297	0.326396652	1
T2DM_admission alpha_cell	<i>CSMD2</i>	-0.026001266	0.000211867	0.049537044	0.792592711
T2DM_admission alpha_cell	<i>MTF1</i>	-0.004915374	0.021916481	0.299140447	1
T2DM_admission alpha_cell	<i>COL9A2</i>	-0.003572389	0.003521404	0.133854039	1
T2DM_admission alpha_cell	<i>CTPS1</i>	-0.006392471	0.007850245	0.207668881	1
T2DM_admission alpha_cell	<i>FAM183A</i>	-0.006675091	0.026528498	0.326396652	1
T2DM_admission alpha_cell	<i>PRDX1</i>	-0.001081857	0.014662503	0.25737423	1
T2DM_admission alpha_cell	<i>POMGNT1</i>	-0.00597619	0.014121314	0.251738361	1
T2DM_admission alpha_cell	<i>EPS15</i>	-0.003424188	0.000702481	0.085673549	1
T2DM_admission alpha_cell	<i>PRPF38A</i>	0.00237408	0.00093313	0.085673549	1
T2DM_admission alpha_cell	<i>SCP2</i>	-0.001718673	0.03726068	0.358334719	1
T2DM_admission alpha_cell	<i>HHLA3</i>	-0.009674589	0.005919356	0.175748496	1
T2DM_admission alpha_cell	<i>TNNI3K</i>	0.027526255	0.005705727	0.170761008	1
T2DM_admission alpha_cell	<i>GNG5</i>	-0.000847603	0.018087657	0.275622728	1
T2DM_admission alpha_cell	<i>SYDE2</i>	-0.006004358	0.045812168	0.385998469	1
T2DM_admission alpha_cell	<i>TMED5</i>	-0.001671954	0.013557307	0.251738361	1
T2DM_admission alpha_cell	<i>SLC25A24</i>	-0.00322715	0.004281022	0.147274272	1
T2DM_admission alpha_cell	<i>CEPT1</i>	-0.006761984	0.001297696	0.086652935	1
T2DM_admission alpha_cell	<i>ST7L</i>	-0.005626656	0.002359833	0.108989304	1
T2DM_admission alpha_cell	<i>PPMIJ</i>	-0.018809621	0.024942451	0.321757623	1
T2DM_admission alpha_cell	<i>PIAS3</i>	-0.004668775	0.034672195	0.34914725	1
T2DM_admission alpha_cell	<i>NBPF14</i>	-0.015229859	0.001373103	0.087064031	1
T2DM_admission alpha_cell	<i>SI00A1</i>	-0.008907752	0.007417593	0.203747296	1
T2DM_admission alpha_cell	<i>ANGPTL1</i>	-0.00758285	0.041248057	0.37512925	1
T2DM_admission alpha_cell	<i>TDRD5</i>	-0.015698173	0.02906899	0.32953664	1
T2DM_admission alpha_cell	<i>EDEM3</i>	-0.0039817	0.008873799	0.219972241	1

T2DM_admission alpha_cell	<i>SLC41A1</i>	-0.005012798	0.046297402	0.387468857	1
T2DM_admission alpha_cell	<i>PM20D1</i>	-0.009723643	0.021989741	0.299140447	1
T2DM_admission alpha_cell	<i>ANGEL2</i>	-0.003945794	0.014809845	0.257691309	1
T2DM_admission alpha_cell	<i>MARK1</i>	-0.005145892	0.008996459	0.219972241	1
T2DM_admission alpha_cell	<i>SRP9</i>	-0.001218835	0.022410482	0.303235281	1
T2DM_admission alpha_cell	<i>ZNF678</i>	-0.009623977	0.003542248	0.133854039	1
T2DM_admission alpha_cell	<i>KRTCAP3</i>	0.002987214	0.002770885	0.115176441	1
T2DM_admission alpha_cell	<i>PPP1CB</i>	-0.000739438	0.03436276	0.34914725	1
T2DM_admission alpha_cell	<i>CEBPZ</i>	-0.001541021	0.022869139	0.307746223	1
T2DM_admission alpha_cell	<i>BCL11A</i>	-0.011170588	0.008344204	0.213805952	1
T2DM_admission alpha_cell	<i>TPRKB</i>	-0.002449895	0.002623238	0.112095427	1
T2DM_admission alpha_cell	<i>IMMT</i>	-0.003569142	0.001120464	0.086205199	1
T2DM_admission alpha_cell	<i>REEP1</i>	-0.008959299	0.005392966	0.165296158	1
T2DM_admission alpha_cell	<i>THNSL2</i>	-0.004700996	0.011265168	0.233710906	1
T2DM_admission alpha_cell	<i>ZNF514</i>	-0.005418464	0.018142513	0.275622728	1
T2DM_admission alpha_cell	<i>AFF3</i>	-0.010280844	0.001067948	0.086205199	1
T2DM_admission alpha_cell	<i>IL18R1</i>	-0.010356197	0.018958494	0.280330927	1
T2DM_admission alpha_cell	<i>LIMS1</i>	-0.00153603	0.043377133	0.382526175	1
T2DM_admission alpha_cell	<i>MERTK</i>	-0.006453191	0.009473862	0.224085568	1
T2DM_admission alpha_cell	<i>BIN1</i>	-0.003045161	0.026783431	0.326396652	1
T2DM_admission alpha_cell	<i>ERCC3</i>	-0.003873799	0.016272568	0.271105953	1
T2DM_admission alpha_cell	<i>CCNT2</i>	-0.003245586	0.027089417	0.326396652	1
T2DM_admission alpha_cell	<i>ACVR2A</i>	0.004358504	0.002420914	0.109116114	1
T2DM_admission alpha_cell	<i>WDSUB1</i>	-0.007076896	0.026161129	0.326396652	1
T2DM_admission alpha_cell	<i>DPP4</i>	-0.007256044	0.005575955	0.168222958	1
T2DM_admission alpha_cell	<i>SLC38A11</i>	-0.021685535	0.002072823	0.102031981	1
T2DM_admission alpha_cell	<i>SPC25</i>	-0.006153095	0.021289601	0.299140447	1
T2DM_admission alpha_cell	<i>CWC22</i>	-0.004457682	7.85E-07	0.002936229	0.002936229
T2DM_admission alpha_cell	<i>ANKRD44</i>	-0.008042164	0.040055203	0.368173251	1
T2DM_admission alpha_cell	<i>ATIC</i>	-0.00568943	0.023724529	0.313616481	1
T2DM_admission alpha_cell	<i>COL4A3</i>	-0.025862617	0.011251128	0.233710906	1
T2DM_admission alpha_cell	<i>ARMC9</i>	-0.002328523	0.036084979	0.354981853	1
T2DM_admission alpha_cell	<i>USP40</i>	-0.006456724	0.021093997	0.29778356	1
T2DM_admission alpha_cell	<i>UBE2F</i>	-0.004419195	0.009599517	0.224085568	1
T2DM_admission alpha_cell	<i>ESPNL</i>	-0.040278777	0.004330438	0.147274272	1
T2DM_admission alpha_cell	<i>THUMPD3</i>	-0.002132303	0.021865045	0.299140447	1
T2DM_admission alpha_cell	<i>GALNT15</i>	-0.018630703	0.027383273	0.326396652	1
T2DM_admission alpha_cell	<i>MLH1</i>	-0.007219723	0.013653098	0.251738361	1
T2DM_admission alpha_cell	<i>ZNF660</i>	-0.00771815	0.034734484	0.34914725	1
T2DM_admission alpha_cell	<i>ZNF197</i>	-0.003947066	0.009128675	0.221755678	1
T2DM_admission alpha_cell	<i>EXOSC7</i>	-0.004391861	0.043510233	0.382526175	1
T2DM_admission alpha_cell	<i>LTF</i>	-0.017449046	0.002981458	0.120330393	1
T2DM_admission alpha_cell	<i>TKT</i>	-0.001005335	0.006037844	0.177854924	1
T2DM_admission alpha_cell	<i>PSMD6</i>	-0.002232469	0.045075164	0.385998469	1
T2DM_admission alpha_cell	<i>PRICKLE2</i>	-0.005055566	0.027265228	0.326396652	1
T2DM_admission alpha_cell	<i>GPR27</i>	-0.005135422	0.03565308	0.351921304	1
T2DM_admission alpha_cell	<i>RYBP</i>	-0.0025742	0.016943766	0.271356774	1
T2DM_admission alpha_cell	<i>ZNF717</i>	0.002173728	0.021589219	0.299140447	1
T2DM_admission alpha_cell	<i>TAGLN3</i>	-0.005095876	0.014654554	0.25737423	1
T2DM_admission alpha_cell	<i>GAP43</i>	-0.018168813	0.000988795	0.085673549	1
T2DM_admission alpha_cell	<i>POGLUT1</i>	-0.011302333	0.001182793	0.086205199	1
T2DM_admission alpha_cell	<i>WDR5B</i>	-0.007896392	0.01779201	0.272786516	1
T2DM_admission alpha_cell	<i>NEK11</i>	-0.007909808	0.017578319	0.271653208	1
T2DM_admission alpha_cell	<i>ANAPC13</i>	-0.002576043	0.001215274	0.086205199	1
T2DM_admission alpha_cell	<i>CEP63</i>	-0.00467161	0.001030556	0.085673549	1
T2DM_admission alpha_cell	<i>COPB2</i>	-0.002021749	0.029453842	0.331888016	1

T2DM_admission alpha_cell	<i>SHOX2</i>	-0.029641951	0.019779056	0.287072034	1
T2DM_admission alpha_cell	<i>MRPL47</i>	-0.002223955	2.43E-06	0.004540154	0.009080309
T2DM_admission alpha_cell	<i>EPHB3</i>	-0.014329986	0.018198026	0.275622728	1
T2DM_admission alpha_cell	<i>LSG1</i>	0.003750945	0.019798071	0.287072034	1
T2DM_admission alpha_cell	<i>XXYLT1</i>	-0.004537119	0.044028611	0.3839418	1
T2DM_admission alpha_cell	<i>MAEA</i>	-0.004190533	0.028176169	0.327581595	1
T2DM_admission alpha_cell	<i>UVSSA</i>	-0.004321919	0.043661769	0.382526175	1
T2DM_admission alpha_cell	<i>TACC3</i>	-0.01200365	0.045615392	0.385998469	1
T2DM_admission alpha_cell	<i>RNF4</i>	-0.002791426	0.024778039	0.320742713	1
T2DM_admission alpha_cell	<i>ADRA2C</i>	-0.005403683	0.015502726	0.263556718	1
T2DM_admission alpha_cell	<i>TADA2B</i>	-0.002893686	0.017244262	0.271653208	1
T2DM_admission alpha_cell	<i>CD38</i>	-0.03692763	0.04738009	0.391000859	1
T2DM_admission alpha_cell	<i>LDB2</i>	-0.004530201	0.038893983	0.366522542	1
T2DM_admission alpha_cell	<i>N4BP2</i>	-0.004201808	7.18E-05	0.028020496	0.268744658
T2DM_admission alpha_cell	<i>CNGA1</i>	-0.016898507	0.013622485	0.251738361	1
T2DM_admission alpha_cell	<i>OCIAD1</i>	-0.002817214	2.85E-05	0.015231846	0.106622923
T2DM_admission alpha_cell	<i>CXCL1</i>	-0.002069405	0.048247825	0.392198933	1
T2DM_admission alpha_cell	<i>CXCL3</i>	-0.004415385	0.020398	0.293495832	1
T2DM_admission alpha_cell	<i>BTC</i>	-0.020057953	0.006736288	0.190912534	1
T2DM_admission alpha_cell	<i>ART3</i>	-0.030854146	0.001623032	0.094871291	1
T2DM_admission alpha_cell	<i>ANXA3</i>	-0.00546211	0.003711504	0.135453157	1
T2DM_admission alpha_cell	<i>MAPK10</i>	-0.004311976	0.004459738	0.148963208	1
T2DM_admission alpha_cell	<i>RAP1GDS1</i>	-0.004293592	0.019677031	0.287072034	1
T2DM_admission alpha_cell	<i>BDH2</i>	-0.005083299	0.047136253	0.390758066	1
T2DM_admission alpha_cell	<i>CEP44</i>	-0.003891615	0.042614571	0.379574074	1
T2DM_admission alpha_cell	<i>PDLIM3</i>	-0.002499592	0.048825747	0.392198933	1
T2DM_admission alpha_cell	<i>FAM149A</i>	-0.006174273	0.011051551	0.233710906	1
T2DM_admission alpha_cell	<i>SPEF2</i>	-0.008624656	0.044934773	0.385998469	1
T2DM_admission alpha_cell	<i>MAP1B</i>	-0.000665315	0.003150346	0.122765054	1
T2DM_admission alpha_cell	<i>ERAP2</i>	-0.004685009	0.043569432	0.382526175	1
T2DM_admission alpha_cell	<i>NUDT12</i>	-0.002983055	0.021597701	0.299140447	1
T2DM_admission alpha_cell	<i>DCP2</i>	-0.005047915	0.002636834	0.112095427	1
T2DM_admission alpha_cell	<i>DTWD2</i>	-0.010817787	0.006877601	0.193451913	1
T2DM_admission alpha_cell	<i>DMXL1</i>	-0.005871255	0.015275609	0.262137852	1
T2DM_admission alpha_cell	<i>NME5</i>	-0.0045546	0.026577709	0.326396652	1
T2DM_admission alpha_cell	<i>SRA1</i>	-0.00286024	0.039426846	0.367775907	1
T2DM_admission alpha_cell	<i>TMCO6</i>	-0.022781602	0.012311899	0.239889657	1
T2DM_admission alpha_cell	<i>PCDHA5</i>	-0.016656187	0.023281647	0.311059432	1
T2DM_admission alpha_cell	<i>ADAM19</i>	-0.010389421	0.041900682	0.377779126	1
T2DM_admission alpha_cell	<i>FBLL1</i>	-0.005353661	0.013824313	0.251738361	1
T2DM_admission alpha_cell	<i>TUBB2B</i>	-0.003058646	0.047616346	0.391000859	1
T2DM_admission alpha_cell	<i>MRS2</i>	-0.005906355	0.015599009	0.263556718	1
T2DM_admission alpha_cell	<i>VAR52</i>	-0.008637986	0.007632015	0.206213547	1
T2DM_admission alpha_cell	<i>VWA7</i>	-0.020138317	0.033505778	0.34914725	1
T2DM_admission alpha_cell	<i>WDR46</i>	-0.003937863	0.038804638	0.366522542	1
T2DM_admission alpha_cell	<i>HMGAI</i>	0.000871845	0.047993749	0.391164735	1
T2DM_admission alpha_cell	<i>SNRPC</i>	-0.001487793	0.028173593	0.327581595	1
T2DM_admission alpha_cell	<i>GLP1R</i>	-0.013977908	0.016705784	0.271356774	1
T2DM_admission alpha_cell	<i>KCNK17</i>	-0.0089361	0.004051356	0.145731947	1
T2DM_admission alpha_cell	<i>KIF6</i>	-0.036076859	0.000902162	0.085673549	1
T2DM_admission alpha_cell	<i>UNC5CL</i>	-0.005767843	0.01747866	0.271653208	1
T2DM_admission alpha_cell	<i>MRPS10</i>	-0.002585883	0.042110103	0.377779126	1
T2DM_admission alpha_cell	<i>PEX6</i>	-0.00519523	0.039094141	0.36712371	1
T2DM_admission alpha_cell	<i>FAM83B</i>	-0.010425084	0.045741843	0.385998469	1
T2DM_admission alpha_cell	<i>B3GAT2</i>	-0.009739861	0.002158988	0.104893157	1
T2DM_admission alpha_cell	<i>SLC17A5</i>	0.002264483	0.002825239	0.116145266	1

T2DM_admission alpha_cell	<i>FILIP1</i>	-0.007210109	0.021736542	0.299140447		1
T2DM_admission alpha_cell	<i>SRSF12</i>	-0.012104227	0.00084856	0.085673549		1
T2DM_admission alpha_cell	<i>FUT9</i>	-0.069711356	0.01507935	0.261165957		1
T2DM_admission alpha_cell	<i>ARMC2</i>	-0.007397525	0.040697409	0.372246962		1
T2DM_admission alpha_cell	<i>DDO</i>	-0.025004556	0.043424935	0.382526175		1
T2DM_admission alpha_cell	<i>FRK</i>	-0.003373397	0.027736335	0.327323752		1
T2DM_admission alpha_cell	<i>NUS1</i>	-0.001360769	0.01143253	0.233710906		1
T2DM_admission alpha_cell	<i>HDDC2</i>	-0.002070123	0.022965944	0.307941203		1
T2DM_admission alpha_cell	<i>TULP4</i>	0.002479285	0.006097247	0.178201572		1
T2DM_admission alpha_cell	<i>WTAP</i>	-0.004185256	9.50E-06	0.010740805	0.035543459	
T2DM_admission alpha_cell	<i>RNASET2</i>	-0.002594081	0.048798327	0.392198933		1
T2DM_admission alpha_cell	<i>KIF25</i>	-0.012040738	0.032389242	0.341320251		1
T2DM_admission alpha_cell	<i>WDR27</i>	-0.006886537	0.04482357	0.385998469		1
T2DM_admission alpha_cell	<i>EIF3B</i>	-0.002302748	0.037243439	0.358334719		1
T2DM_admission alpha_cell	<i>CPVL</i>	-0.004910168	0.011101682	0.233710906		1
T2DM_admission alpha_cell	<i>DPY19L1</i>	-0.005854773	0.004709085	0.151956282		1
T2DM_admission alpha_cell	<i>BLVRA</i>	-0.002395794	0.000811897	0.085673549		1
T2DM_admission alpha_cell	<i>ZNF107</i>	-0.009053499	0.000810861	0.085673549		1
T2DM_admission alpha_cell	<i>ZNF273</i>	-0.005045891	0.011949604	0.239671624		1
T2DM_admission alpha_cell	<i>TMEM248</i>	-0.002362123	0.034049505	0.34914725		1
T2DM_admission alpha_cell	<i>MLXIPL</i>	-0.005749619	0.000564451	0.085673549		1
T2DM_admission alpha_cell	<i>LIMK1</i>	-0.010150657	0.030069731	0.334682481		1
T2DM_admission alpha_cell	<i>STYXL1</i>	-0.012269834	0.027039173	0.326396652		1
T2DM_admission alpha_cell	<i>LMTK2</i>	0.002416765	0.038181004	0.362525725		1
T2DM_admission alpha_cell	<i>NAT16</i>	-0.003571076	0.020053386	0.28965142		1
T2DM_admission alpha_cell	<i>RASA4B</i>	-0.033846486	0.000840065	0.085673549		1
T2DM_admission alpha_cell	<i>POLR2J2</i>	-0.007465931	0.003592366	0.134390429		1
T2DM_admission alpha_cell	<i>CADPS2</i>	-0.007770925	9.61E-05	0.029967943	0.359615318	
T2DM_admission alpha_cell	<i>WASL</i>	-0.001059674	0.036922287	0.358334719		1
T2DM_admission alpha_cell	<i>COPG2</i>	-0.009443566	0.010119585	0.224085568		1
T2DM_admission alpha_cell	<i>DPP6</i>	-0.005795571	0.000826946	0.085673549		1
T2DM_admission alpha_cell	<i>DEFB134</i>	-0.043930292	0.045920588	0.386042517		1
T2DM_admission alpha_cell	<i>PEBP4</i>	-0.012217208	0.031477937	0.338387819		1
T2DM_admission alpha_cell	<i>STAR</i>	-0.020843036	0.001734915	0.097359655		1
T2DM_admission alpha_cell	<i>ADAM9</i>	-0.002720837	0.021871477	0.299140447		1
T2DM_admission alpha_cell	<i>GGH</i>	-0.006522504	0.011928601	0.239671624		1
T2DM_admission alpha_cell	<i>PREX2</i>	-0.006717234	0.029993175	0.334682481		1
T2DM_admission alpha_cell	<i>XKR9</i>	-0.023078494	0.013153651	0.24852428		1
T2DM_admission alpha_cell	<i>TPD52</i>	-0.001838482	0.011129221	0.233710906		1
T2DM_admission alpha_cell	<i>RMDN1</i>	-0.004486894	0.002628782	0.112095427		1
T2DM_admission alpha_cell	<i>MMP16</i>	-0.005800782	0.01689625	0.271356774		1
T2DM_admission alpha_cell	<i>YWHAZ</i>	-0.001020021	0.031218006	0.338387819		1
T2DM_admission alpha_cell	<i>MED30</i>	-0.004324771	0.018678085	0.277280616		1
T2DM_admission alpha_cell	<i>DSCC1</i>	-0.016182698	0.03116851	0.338387819		1
T2DM_admission alpha_cell	<i>ZHX2</i>	-0.007551101	0.02739603	0.326396652		1
T2DM_admission alpha_cell	<i>ST3GAL1</i>	-0.006042719	0.010821056	0.233710906		1
T2DM_admission alpha_cell	<i>TSNARE1</i>	-0.013361904	0.031433528	0.338387819		1
T2DM_admission alpha_cell	<i>LYNX1</i>	-0.01488539	0.030679229	0.337561757		1
T2DM_admission alpha_cell	<i>RPL8</i>	-0.000364723	0.018601734	0.277280616		1
T2DM_admission alpha_cell	<i>DOCK8</i>	-0.006812302	0.026417729	0.326396652		1
T2DM_admission alpha_cell	<i>ERMP1</i>	-0.017593819	0.000826066	0.085673549		1
T2DM_admission alpha_cell	<i>PTPRD</i>	0.009719538	0.000365381	0.068344508		1
T2DM_admission alpha_cell	<i>MPDZ</i>	-0.007296593	0.034931724	0.34914725		1
T2DM_admission alpha_cell	<i>SMU1</i>	-0.003888082	0.031090455	0.338387819		1
T2DM_admission alpha_cell	<i>NFX1</i>	0.002479893	0.008434148	0.214640469		1
T2DM_admission alpha_cell	<i>C9orf131</i>	-0.028358175	0.03756201	0.360306359		1

T2DM_admission alpha_cell	<i>CD72</i>	-0.011496139	0.0306251	0.337561757	1
T2DM_admission alpha_cell	<i>TMEM8B</i>	-0.00485402	0.047764606	0.391000859	1
T2DM_admission alpha_cell	<i>GRHPR</i>	-0.002955559	0.000161103	0.046360566	0.602687364
T2DM_admission alpha_cell	<i>C9orf64</i>	-0.006939593	0.016890072	0.271356774	1
T2DM_admission alpha_cell	<i>DAPK1</i>	-0.002804576	0.037118202	0.358334719	1
T2DM_admission alpha_cell	<i>TXN</i>	-0.001377689	0.001496657	0.088872923	1
T2DM_admission alpha_cell	<i>SUSD1</i>	-0.005602557	0.045282598	0.385998469	1
T2DM_admission alpha_cell	<i>ZFP37</i>	-0.010214432	0.006959051	0.194282175	1
T2DM_admission alpha_cell	<i>CDC26</i>	-0.002734447	0.023508092	0.312967155	1
T2DM_admission alpha_cell	<i>ALAD</i>	-0.009811451	0.011980378	0.239671624	1
T2DM_admission alpha_cell	<i>ENDOG</i>	-0.003107821	0.007990348	0.207668881	1
T2DM_admission alpha_cell	<i>SURF6</i>	-0.002359541	0.012258301	0.239889657	1
T2DM_admission alpha_cell	<i>SLC2A6</i>	-0.007862248	0.008751749	0.219733507	1
T2DM_admission alpha_cell	<i>LCN12</i>	-0.016180965	0.000201304	0.049537044	0.753080069
T2DM_admission alpha_cell	<i>AKR1C2</i>	-0.007452538	0.005362335	0.165296158	1
T2DM_admission alpha_cell	<i>PRKCQ</i>	-0.018463727	0.022452866	0.303235281	1
T2DM_admission alpha_cell	<i>SEC61A2</i>	-0.006000202	0.020750186	0.296284138	1
T2DM_admission alpha_cell	<i>TMEM236</i>	-0.007287821	0.008646152	0.218549026	1
T2DM_admission alpha_cell	<i>ARHGAP12</i>	0.003431915	0.014018426	0.251738361	1
T2DM_admission alpha_cell	<i>ALOX5</i>	-0.004264857	0.042035486	0.377779126	1
T2DM_admission alpha_cell	<i>PHYHIPL</i>	-0.005352897	0.009825084	0.224085568	1
T2DM_admission alpha_cell	<i>ATOH7</i>	-0.017741739	0.011035672	0.233710906	1
T2DM_admission alpha_cell	<i>DNA2</i>	-0.010790981	0.01630549	0.271105953	1
T2DM_admission alpha_cell	<i>PPA1</i>	-0.000978697	0.032031062	0.340421034	1
T2DM_admission alpha_cell	<i>PLAC9</i>	-0.003001022	0.047963337	0.391164735	1
T2DM_admission alpha_cell	<i>LDB3</i>	-0.014504173	0.000828564	0.085673549	1
T2DM_admission alpha_cell	<i>GLUD1</i>	-0.002817644	0.009903139	0.224085568	1
T2DM_admission alpha_cell	<i>PAPSS2</i>	-0.00257197	0.030300414	0.335366417	1
T2DM_admission alpha_cell	<i>PTEN</i>	-0.001048173	0.014131263	0.251738361	1
T2DM_admission alpha_cell	<i>FFAR4</i>	0.006420279	0.010767607	0.233710906	1
T2DM_admission alpha_cell	<i>MORN4</i>	-0.004984697	0.034905783	0.34914725	1
T2DM_admission alpha_cell	<i>BTRC</i>	0.004448979	0.02107159	0.29778356	1
T2DM_admission alpha_cell	<i>ARL3</i>	-0.002059388	0.03889587	0.366522542	1
T2DM_admission alpha_cell	<i>WBP1L</i>	0.009119727	0.002206647	0.105834166	1
T2DM_admission alpha_cell	<i>SMC3</i>	-0.003175151	0.001728258	0.097359655	1
T2DM_admission alpha_cell	<i>SFXN4</i>	-0.008168233	0.041363894	0.37512925	1
T2DM_admission alpha_cell	<i>WDR11</i>	-0.003259069	0.004859731	0.154069941	1
T2DM_admission alpha_cell	<i>RIC8A</i>	-0.006186412	0.004159698	0.147274272	1
T2DM_admission alpha_cell	<i>RASSF7</i>	-0.002411555	0.049272571	0.393864718	1
T2DM_admission alpha_cell	<i>CD151</i>	-0.00120494	0.013665616	0.251738361	1
T2DM_admission alpha_cell	<i>ZNF195</i>	-0.003098845	0.032480623	0.341320251	1
T2DM_admission alpha_cell	<i>ZNF215</i>	0.030778151	0.000776444	0.085673549	1
T2DM_admission alpha_cell	<i>AMPD3</i>	-0.006540701	0.003652054	0.135270632	1
T2DM_admission alpha_cell	<i>TPH1</i>	-0.018331659	0.007874795	0.207668881	1
T2DM_admission alpha_cell	<i>IGSF22</i>	-0.002756677	0.019132892	0.281795868	1
T2DM_admission alpha_cell	<i>ANO5</i>	-0.006892564	0.0260728	0.326396652	1
T2DM_admission alpha_cell	<i>APIP</i>	-0.002865705	0.026979406	0.326396652	1
T2DM_admission alpha_cell	<i>HSD17B12</i>	-0.002015219	0.012254488	0.239889657	1
T2DM_admission alpha_cell	<i>SMTNL1</i>	-0.046291487	0.011933144	0.239671624	1
T2DM_admission alpha_cell	<i>LTBP3</i>	-0.003890219	0.003193184	0.123151544	1
T2DM_admission alpha_cell	<i>IGHMBP2</i>	-0.004813021	0.013915501	0.251738361	1
T2DM_admission alpha_cell	<i>MRPL48</i>	-0.007263161	0.002019876	0.100751423	1
T2DM_admission alpha_cell	<i>PGM2L1</i>	-0.004021008	0.002287792	0.108337076	1
T2DM_admission alpha_cell	<i>CEP164</i>	-0.003836619	0.031320931	0.338387819	1
T2DM_admission alpha_cell	<i>GLB1L2</i>	-0.009649952	0.028259378	0.327581595	1
T2DM_admission alpha_cell	<i>TAPBPL</i>	-0.006784449	0.001210916	0.086205199	1

T2DM_admission alpha_cell	<i>CLSTN3</i>	-0.004518823	0.03273308	0.343009672	1
T2DM_admission alpha_cell	<i>FAM90A1</i>	0.014856434	0.03978528	0.368173251	1
T2DM_admission alpha_cell	<i>TAS2R14</i>	-0.014198859	0.036360548	0.356085893	1
T2DM_admission alpha_cell	<i>TAS2R20</i>	-0.033810553	0.024314656	0.317482086	1
T2DM_admission alpha_cell	<i>TAS2R31</i>	-0.011973443	0.000198987	0.049537044	0.744409089
T2DM_admission alpha_cell	<i>RECQL</i>	-0.004431119	0.019558544	0.286935351	1
T2DM_admission alpha_cell	<i>KANSL2</i>	-0.003127881	0.049919008	0.397319638	1
T2DM_admission alpha_cell	<i>DNAJC22</i>	-0.004198933	0.041413627	0.37512925	1
T2DM_admission alpha_cell	<i>TFCP2</i>	-0.004872403	0.013775957	0.251738361	1
T2DM_admission alpha_cell	<i>METTL7B</i>	0.017998901	0.016782353	0.271356774	1
T2DM_admission alpha_cell	<i>RPS26</i>	-0.000422559	0.015396046	0.262998209	1
T2DM_admission alpha_cell	<i>SLC39A5</i>	0.005063073	0.024051018	0.315701255	1
T2DM_admission alpha_cell	<i>AVIL</i>	0.009060572	0.03977014	0.368173251	1
T2DM_admission alpha_cell	<i>MYRFL</i>	-0.040490811	0.008965707	0.219972241	1
T2DM_admission alpha_cell	<i>TMTC2</i>	-0.016472416	0.046555575	0.388759836	1
T2DM_admission alpha_cell	<i>VEZT</i>	-0.002478089	0.034732844	0.34914725	1
T2DM_admission alpha_cell	<i>SNRPF</i>	-0.00219429	0.016505126	0.271356774	1
T2DM_admission alpha_cell	<i>AMDHD1</i>	-0.026645471	0.02984529	0.334285114	1
T2DM_admission alpha_cell	<i>DRAM1</i>	0.005459022	0.044990757	0.385998469	1
T2DM_admission alpha_cell	<i>NT5DC3</i>	-0.00970045	0.004213726	0.147274272	1
T2DM_admission alpha_cell	<i>DYNLL1</i>	-0.002137153	0.007662038	0.206213547	1
T2DM_admission alpha_cell	<i>COQ5</i>	-0.006973092	0.017138666	0.271653208	1
T2DM_admission alpha_cell	<i>POP5</i>	0.002692505	0.034997756	0.34914725	1
T2DM_admission alpha_cell	<i>CLIP1</i>	-0.001220333	0.017645477	0.271653208	1
T2DM_admission alpha_cell	<i>ARL6IP4</i>	-0.001015369	0.034847223	0.34914725	1
T2DM_admission alpha_cell	<i>CDK2AP1</i>	-0.002564293	0.007416048	0.203747296	1
T2DM_admission alpha_cell	<i>DDX55</i>	-0.003416462	0.023630821	0.313485465	1
T2DM_admission alpha_cell	<i>RIMBP2</i>	0.003031773	0.008919416	0.219972241	1
T2DM_admission alpha_cell	<i>PUS1</i>	-0.005917591	0.029570641	0.332203507	1
T2DM_admission alpha_cell	<i>ZNF10</i>	-0.005407366	0.000661498	0.085673549	1
T2DM_admission alpha_cell	<i>RFC3</i>	-0.004864648	0.001229298	0.086205199	1
T2DM_admission alpha_cell	<i>SUCLA2</i>	-0.003533712	0.042957724	0.381721719	1
T2DM_admission alpha_cell	<i>SETDB2</i>	-0.006190322	0.004260957	0.147274272	1
T2DM_admission alpha_cell	<i>DLEU1</i>	-0.00356313	0.040330193	0.369792283	1
T2DM_admission alpha_cell	<i>TM9SF2</i>	-0.002348312	0.028866611	0.329237784	1
T2DM_admission alpha_cell	<i>PROZ</i>	-0.047596006	0.001418645	0.088099018	1
T2DM_admission alpha_cell	<i>GRTP1</i>	-0.013766846	0.01307234	0.248241753	1
T2DM_admission alpha_cell	<i>CDC16</i>	0.003681233	0.001967023	0.100554912	1
T2DM_admission alpha_cell	<i>PNP</i>	-0.002537713	0.033994865	0.34914725	1
T2DM_admission alpha_cell	<i>METTL17</i>	-0.003937313	0.004752442	0.151956282	1
T2DM_admission alpha_cell	<i>TSSK4</i>	-0.072937414	0.002548806	0.112095427	1
T2DM_admission alpha_cell	<i>NFATC4</i>	0.003908212	0.04472569	0.385998469	1
T2DM_admission alpha_cell	<i>NYNRIN</i>	-0.010927086	0.007956916	0.207668881	1
T2DM_admission alpha_cell	<i>CDKL1</i>	-0.008349597	0.039520426	0.367775907	1
T2DM_admission alpha_cell	<i>TRIM9</i>	-0.004215676	0.007461475	0.203747296	1
T2DM_admission alpha_cell	<i>JKAMP</i>	0.001530319	0.049264077	0.393864718	1
T2DM_admission alpha_cell	<i>SPTB</i>	0.002901688	0.027701498	0.327323752	1
T2DM_admission alpha_cell	<i>CHURC1</i>	-0.001564759	0.010695563	0.233710906	1
T2DM_admission alpha_cell	<i>ACOT4</i>	-0.009313976	0.026781262	0.326396652	1
T2DM_admission alpha_cell	<i>ANGEL1</i>	-0.010335088	0.000830911	0.085673549	1
T2DM_admission alpha_cell	<i>DDX24</i>	-0.000828782	0.00454661	0.150520942	1
T2DM_admission alpha_cell	<i>CCDC85C</i>	-0.005401695	0.035419927	0.351474665	1
T2DM_admission alpha_cell	<i>BEGAIN</i>	-0.018771156	0.000975237	0.085673549	1
T2DM_admission alpha_cell	<i>PPP1R13B</i>	0.004863417	0.031595746	0.338681052	1
T2DM_admission alpha_cell	<i>CEP170B</i>	0.003475259	0.003010901	0.120330393	1
T2DM_admission alpha_cell	<i>NIPA1</i>	0.003383324	0.047109169	0.390758066	1

T2DM_admission alpha_cell	<i>KNSTRN</i>	-0.010952992	7.00E-05	0.028020496	0.261828143
T2DM_admission alpha_cell	<i>CHAC1</i>	-0.008836126	0.017506803	0.271653208	1
T2DM_admission alpha_cell	<i>ADAL</i>	-0.005519055	0.028550407	0.327581595	1
T2DM_admission alpha_cell	<i>CKMT1A</i>	-0.011038078	0.02576461	0.325626372	1
T2DM_admission alpha_cell	<i>ELL3</i>	0.010400659	0.047212683	0.390758066	1
T2DM_admission alpha_cell	<i>SERF2</i>	0.000516524	0.026839989	0.326396652	1
T2DM_admission alpha_cell	<i>SPPL2A</i>	-0.002075394	0.00981885	0.224085568	1
T2DM_admission alpha_cell	<i>PIGB</i>	-0.010047817	0.017014686	0.271356774	1
T2DM_admission alpha_cell	<i>LINC00926</i>	0.004783126	0.009464329	0.224085568	1
T2DM_admission alpha_cell	<i>GTF2A2</i>	-0.001501026	0.009635161	0.224085568	1
T2DM_admission alpha_cell	<i>TPM1</i>	-0.000677213	0.025714876	0.325626372	1
T2DM_admission alpha_cell	<i>UACA</i>	0.003300476	0.026216699	0.326396652	1
T2DM_admission alpha_cell	<i>SCAPER</i>	-0.002558134	0.018476688	0.277280616	1
T2DM_admission alpha_cell	<i>CIB2</i>	-0.00667969	0.006539847	0.186760065	1
T2DM_admission alpha_cell	<i>FSD2</i>	-0.009484857	0.016278056	0.271105953	1
T2DM_admission alpha_cell	<i>AP3S2</i>	-0.002339954	0.001477628	0.088872923	1
T2DM_admission alpha_cell	<i>IDH2</i>	-0.003112586	0.045050685	0.385998469	1
T2DM_admission alpha_cell	<i>NME4</i>	-0.001916816	0.034435883	0.34914725	1
T2DM_admission alpha_cell	<i>WDR90</i>	-0.010785421	0.001965828	0.100554912	1
T2DM_admission alpha_cell	<i>BAIAP3</i>	-0.005534169	0.001989057	0.100554912	1
T2DM_admission alpha_cell	<i>FAHD1</i>	-0.005500175	0.009896303	0.224085568	1
T2DM_admission alpha_cell	<i>RPS2</i>	0.000158083	0.030149157	0.334682481	1
T2DM_admission alpha_cell	<i>ATF7IP2</i>	-0.001215007	0.034048819	0.34914725	1
T2DM_admission alpha_cell	<i>RMI2</i>	-0.026841311	0.014327897	0.254031579	1
T2DM_admission alpha_cell	<i>PLA2G10</i>	-0.012231697	0.038124489	0.362525725	1
T2DM_admission alpha_cell	<i>UQCRC2</i>	-0.002780555	0.004436552	0.148963208	1
T2DM_admission alpha_cell	<i>SLC5A11</i>	-0.020541234	0.021006126	0.29778356	1
T2DM_admission alpha_cell	<i>CBLN1</i>	-0.030721818	0.048709566	0.392198933	1
T2DM_admission alpha_cell	<i>ZNF319</i>	-0.008440432	0.042485929	0.379331411	1
T2DM_admission alpha_cell	<i>PARD6A</i>	-0.003088058	0.043301105	0.382526175	1
T2DM_admission alpha_cell	<i>CLEC18A</i>	-0.0293618	1.82E-05	0.013586682	0.067933408
T2DM_admission alpha_cell	<i>EXOSC6</i>	-0.001785618	0.001743677	0.097359655	1
T2DM_admission alpha_cell	<i>ZNF23</i>	-0.007006392	0.005370632	0.165296158	1
T2DM_admission alpha_cell	<i>APIG1</i>	-0.003427303	0.010082838	0.224085568	1
T2DM_admission alpha_cell	<i>BCAR1</i>	-0.003499684	0.021478853	0.299140447	1
T2DM_admission alpha_cell	<i>CFDP1</i>	-0.00292604	0.039964066	0.368173251	1
T2DM_admission alpha_cell	<i>TMEM231</i>	-0.005368102	0.020736329	0.296284138	1
T2DM_admission alpha_cell	<i>ADAT1</i>	0.003607361	0.028490496	0.327581595	1
T2DM_admission alpha_cell	<i>NUDT7</i>	-0.010365568	0.047745082	0.391000859	1
T2DM_admission alpha_cell	<i>ACSF3</i>	0.003649464	0.001852274	0.100554912	1
T2DM_admission alpha_cell	<i>GEMIN4</i>	-0.010964196	0.001857458	0.100554912	1
T2DM_admission alpha_cell	<i>CHRNE</i>	-0.013141365	0.027182877	0.326396652	1
T2DM_admission alpha_cell	<i>KIAA0753</i>	-0.006189801	0.023839864	0.314031444	1
T2DM_admission alpha_cell	<i>ALOX12</i>	0.051868268	0.000262001	0.053295432	0.980147247
T2DM_admission alpha_cell	<i>MYH3</i>	-0.007496953	0.036717366	0.358334719	1
T2DM_admission alpha_cell	<i>CDRT15</i>	-0.033961804	0.028633836	0.327581595	1
T2DM_admission alpha_cell	<i>FLCN</i>	-0.004024676	0.011002187	0.233710906	1
T2DM_admission alpha_cell	<i>COPRS</i>	-0.001492116	0.012153136	0.239889657	1
T2DM_admission alpha_cell	<i>CCT6B</i>	-0.007277133	0.006254608	0.179988367	1
T2DM_admission alpha_cell	<i>KRT39</i>	-0.041148402	0.03809894	0.362525725	1
T2DM_admission alpha_cell	<i>MEOX1</i>	-0.023942959	0.043941129	0.3839418	1
T2DM_admission alpha_cell	<i>ACBD4</i>	-0.005971035	0.039155937	0.36712371	1
T2DM_admission alpha_cell	<i>CDK5RAP3</i>	-0.004460741	0.034607269	0.34914725	1
T2DM_admission alpha_cell	<i>PTRH2</i>	0.004487713	0.000702021	0.085673549	1
T2DM_admission alpha_cell	<i>CA4</i>	0.002285109	0.03185246	0.339487327	1
T2DM_admission alpha_cell	<i>MAP3K3</i>	0.001633971	0.045519197	0.385998469	1

T2DM_admission alpha_cell	<i>DDX42</i>	-0.002075873	0.014722824	0.25737423	1
T2DM_admission alpha_cell	<i>MILR1</i>	-0.015380772	0.000711052	0.085673549	1
T2DM_admission alpha_cell	<i>CACNG5</i>	-0.046784163	0.024635264	0.320001818	1
T2DM_admission alpha_cell	<i>HELZ</i>	-0.001178303	0.044486575	0.385998469	1
T2DM_admission alpha_cell	<i>WIP11</i>	0.002097601	0.017045935	0.271356774	1
T2DM_admission alpha_cell	<i>ABCA5</i>	-0.002407075	0.025728363	0.325626372	1
T2DM_admission alpha_cell	<i>KCNJ16</i>	-0.019625337	0.004598735	0.150911114	1
T2DM_admission alpha_cell	<i>LINC01152</i>	-0.017834532	0.048854505	0.392198933	1
T2DM_admission alpha_cell	<i>COG1</i>	-0.003029926	0.041971118	0.377779126	1
T2DM_admission alpha_cell	<i>FBF1</i>	-0.012402924	0.003729397	0.135453157	1
T2DM_admission alpha_cell	<i>CDK3</i>	0.007678485	0.037228723	0.358334719	1
T2DM_admission alpha_cell	<i>EVPL</i>	-0.024286093	0.017400671	0.271653208	1
T2DM_admission alpha_cell	<i>SRP68</i>	-0.004664997	0.002456723	0.109411932	1
T2DM_admission alpha_cell	<i>GAA</i>	-0.003701373	0.013069792	0.248241753	1
T2DM_admission alpha_cell	<i>EIF4A3</i>	-0.004281207	0.001957093	0.100554912	1
T2DM_admission alpha_cell	<i>SGSH</i>	-0.005998962	0.028167963	0.327581595	1
T2DM_admission alpha_cell	<i>CCDC57</i>	-0.003507651	0.048581285	0.392198933	1
T2DM_admission alpha_cell	<i>OGFOD3</i>	-0.002681241	0.012638203	0.243708854	1
T2DM_admission alpha_cell	<i>MAPRE2</i>	-0.005919609	0.00306349	0.120637015	1
T2DM_admission alpha_cell	<i>TNFRSF11A</i>	-0.004618333	0.042420868	0.379331411	1
T2DM_admission alpha_cell	<i>CNDP2</i>	-0.005019324	0.010036304	0.224085568	1
T2DM_admission alpha_cell	<i>GPX4</i>	-0.001001858	0.02536795	0.325005139	1
T2DM_admission alpha_cell	<i>APBA3</i>	-0.016500252	0.002331658	0.108989304	1
T2DM_admission alpha_cell	<i>CHAF1A</i>	-0.006856131	0.018633416	0.277280616	1
T2DM_admission alpha_cell	<i>ARRDC5</i>	-0.038195055	0.003023538	0.120330393	1
T2DM_admission alpha_cell	<i>FUT6</i>	-0.019337054	0.024356418	0.317482086	1
T2DM_admission alpha_cell	<i>PNPLA6</i>	-0.004509908	0.035315141	0.351366872	1
T2DM_admission alpha_cell	<i>RPS28</i>	-0.000464402	0.011385408	0.233710906	1
T2DM_admission alpha_cell	<i>CDKN2D</i>	-0.003055517	0.045767619	0.385998469	1
T2DM_admission alpha_cell	<i>RGL3</i>	0.004897986	0.001436525	0.088099018	1
T2DM_admission alpha_cell	<i>PALM3</i>	-0.01590362	1.15E-05	0.010740805	0.042963219
T2DM_admission alpha_cell	<i>CCDC105</i>	0.002585944	0.028252146	0.327581595	1
T2DM_admission alpha_cell	<i>MRPL34</i>	-0.001371792	0.045226023	0.385998469	1
T2DM_admission alpha_cell	<i>ANO8</i>	-0.015997321	0.036901552	0.358334719	1
T2DM_admission alpha_cell	<i>PIK3R2</i>	-0.005099966	0.00132153	0.086652935	1
T2DM_admission alpha_cell	<i>UBA52</i>	-0.000533885	0.013970607	0.251738361	1
T2DM_admission alpha_cell	<i>ZNF66</i>	-0.008750545	0.010123085	0.224085568	1
T2DM_admission alpha_cell	<i>ZNF429</i>	0.003216399	0.030926629	0.338387819	1
T2DM_admission alpha_cell	<i>ZNF681</i>	-0.007133048	0.001278391	0.086652935	1
T2DM_admission alpha_cell	<i>LRP3</i>	0.01120629	0.01138287	0.233710906	1
T2DM_admission alpha_cell	<i>PEPD</i>	-0.00275469	0.000265284	0.053295432	0.992427739
T2DM_admission alpha_cell	<i>ZNF181</i>	-0.005914408	0.025194847	0.32389664	1
T2DM_admission alpha_cell	<i>UPK1A</i>	-0.040986152	0.00799367	0.207668881	1
T2DM_admission alpha_cell	<i>DPF1</i>	-0.016645874	0.001019686	0.085673549	1
T2DM_admission alpha_cell	<i>HNRNPL</i>	-0.002263113	0.037670906	0.360426754	1
T2DM_admission alpha_cell	<i>BCKDHA</i>	0.006508304	0.012999126	0.248241753	1
T2DM_admission alpha_cell	<i>SMG9</i>	0.004804097	0.001926152	0.100554912	1
T2DM_admission alpha_cell	<i>SLC1A5</i>	-0.004941776	0.027734381	0.327323752	1
T2DM_admission alpha_cell	<i>FUT2</i>	-0.011896824	0.047183755	0.390758066	1
T2DM_admission alpha_cell	<i>SLC6A16</i>	-0.013022546	0.004300058	0.147274272	1
T2DM_admission alpha_cell	<i>ALDH16A1</i>	-0.01029262	0.005125526	0.161131037	1
T2DM_admission alpha_cell	<i>NUP62</i>	-0.002947673	0.046038569	0.386166558	1
T2DM_admission alpha_cell	<i>SIGLEC11</i>	-0.039990742	0.034152628	0.34914725	1
T2DM_admission alpha_cell	<i>ZNF468</i>	-0.00677243	0.034671564	0.34914725	1
T2DM_admission alpha_cell	<i>LILRB3</i>	-0.014814086	0.031050675	0.338387819	1
T2DM_admission alpha_cell	<i>EPS8L1</i>	-0.022616286	0.000896703	0.085673549	1

T2DM_admission alpha_cell	<i>DNAAF3</i>	-0.006633452	0.040977411	0.373893887	1
T2DM_admission alpha_cell	<i>ZNF417</i>	-0.008739772	0.032299799	0.341320251	1
T2DM_admission alpha_cell	<i>ZNF329</i>	0.00684211	8.17E-05	0.028020496	0.3058152
T2DM_admission alpha_cell	<i>SIRPB1</i>	-0.043182814	0.03245493	0.341320251	1
T2DM_admission alpha_cell	<i>ZNF343</i>	-0.010850319	0.029290218	0.331041406	1
T2DM_admission alpha_cell	<i>MRPS26</i>	-0.001612631	0.004716333	0.151956282	1
T2DM_admission alpha_cell	<i>ISM1</i>	-0.021180993	0.001343456	0.086652935	1
T2DM_admission alpha_cell	<i>FLRT3</i>	-0.003273041	0.045779026	0.385998469	1
T2DM_admission alpha_cell	<i>VSX1</i>	-0.036120703	0.013992139	0.251738361	1
T2DM_admission alpha_cell	<i>ACTL10</i>	-0.016367029	2.65E-05	0.015231846	0.098972299
T2DM_admission alpha_cell	<i>MROH8</i>	-0.009902885	0.000789865	0.085673549	1
T2DM_admission alpha_cell	<i>DNTTIP1</i>	-0.003687323	0.028411668	0.327581595	1
T2DM_admission alpha_cell	<i>BCAS1</i>	-0.037910697	0.001244341	0.086205199	1
T2DM_admission alpha_cell	<i>VAPB</i>	-0.00179091	0.016883894	0.271356774	1
T2DM_admission alpha_cell	<i>CDH4</i>	-0.036617595	0.025511332	0.325626372	1
T2DM_admission alpha_cell	<i>OGFR</i>	-0.003655393	0.015212728	0.262137852	1
T2DM_admission alpha_cell	<i>DIDO1</i>	-0.002847399	0.021399112	0.299140447	1
T2DM_admission alpha_cell	<i>RGS19</i>	-0.018973116	0.00027068	0.053295432	1
T2DM_admission alpha_cell	<i>OPRL1</i>	-0.035140672	8.24E-05	0.028020496	0.30822546
T2DM_admission alpha_cell	<i>CCT8</i>	0.002768618	0.001002566	0.085673549	1
T2DM_admission alpha_cell	<i>MIS18A</i>	-0.008705937	0.031743436	0.339291986	1
T2DM_admission alpha_cell	<i>HLCS</i>	-0.003765002	0.039977057	0.368173251	1
T2DM_admission alpha_cell	<i>SLC37A1</i>	-0.005110657	0.017328111	0.271653208	1
T2DM_admission alpha_cell	<i>SIK1</i>	-0.037131999	0.015640094	0.263556718	1
T2DM_admission alpha_cell	<i>ICOSLG</i>	-0.008950968	0.034230659	0.34914725	1
T2DM_admission alpha_cell	<i>ADARB1</i>	-0.013581692	0.011318534	0.233710906	1
T2DM_admission alpha_cell	<i>SPATC1L</i>	-0.00472179	0.048611463	0.392198933	1
T2DM_admission alpha_cell	<i>LINC00528</i>	-0.021221568	0.026685801	0.326396652	1
T2DM_admission alpha_cell	<i>CLTCL1</i>	-0.022159897	0.010065234	0.224085568	1
T2DM_admission alpha_cell	<i>COMT</i>	-0.003806782	0.008052762	0.207761259	1
T2DM_admission alpha_cell	<i>BCR</i>	-0.00479706	0.002390889	0.109077003	1
T2DM_admission alpha_cell	<i>XBPI</i>	-0.001372176	0.034998722	0.34914725	1
T2DM_admission alpha_cell	<i>GAS2L1</i>	-0.009680631	0.001225533	0.086205199	1
T2DM_admission alpha_cell	<i>APIB1</i>	-0.004208893	0.035572212	0.351921304	1
T2DM_admission alpha_cell	<i>UQCRI0</i>	0.001202551	0.000502593	0.085673549	1
T2DM_admission alpha_cell	<i>PES1</i>	-0.003870605	0.01832076	0.276362754	1
T2DM_admission alpha_cell	<i>DUSP18</i>	0.004143888	0.029060139	0.32953664	1
T2DM_admission alpha_cell	<i>INPP5J</i>	-0.024362144	0.002713917	0.114075977	1
T2DM_admission alpha_cell	<i>CBX6</i>	-0.001284254	0.036152923	0.354981853	1
T2DM_admission alpha_cell	<i>TOB2</i>	-0.004891632	0.000704767	0.085673549	1
T2DM_admission alpha_cell	<i>CSDC2</i>	-0.028816842	0.009950034	0.224085568	1
T2DM_admission alpha_cell	<i>ARHGAP8</i>	-0.01280446	0.001162144	0.086205199	1
T2DM_admission alpha_cell	<i>MIOX</i>	-0.01666418	0.012302522	0.239889657	1
T2DM_admission beta_cell	<i>KLHL17</i>	-0.015501228	0.04961693	0.299411205	1
T2DM_admission beta_cell	<i>ATAD3C</i>	-0.003738561	0.025176354	0.247062588	1
T2DM_admission beta_cell	<i>MTHFR</i>	-0.005094374	0.002228543	0.100445551	1
T2DM_admission beta_cell	<i>FAM131C</i>	-0.005542518	0.023255456	0.24501514	1
T2DM_admission beta_cell	<i>MFAP2</i>	-0.007903497	0.036422997	0.286257208	1
T2DM_admission beta_cell	<i>EMC1</i>	-0.004820375	0.00290054	0.111618073	1
T2DM_admission beta_cell	<i>AKR7A3</i>	-0.007950127	0.037915631	0.289021612	1
T2DM_admission beta_cell	<i>CDA</i>	-0.012655063	0.029190355	0.26250269	1
T2DM_admission beta_cell	<i>USP48</i>	-0.00448864	0.018901915	0.227892096	1
T2DM_admission beta_cell	<i>HSPG2</i>	0.002564713	0.012888841	0.207832568	1
T2DM_admission beta_cell	<i>KDM1A</i>	-0.002825557	0.007750222	0.170550479	1
T2DM_admission beta_cell	<i>ZNF436</i>	-0.012753271	0.017945452	0.227892096	1
T2DM_admission beta_cell	<i>STPG1</i>	-0.009299292	0.000135421	0.038911476	0.506608574

T2DM_admission beta_cell	<i>EPB41</i>	0.002484454	0.044935543	0.29716581	1
T2DM_admission beta_cell	<i>MECR</i>	-0.007815833	0.006083098	0.150910154	1
T2DM_admission beta_cell	<i>CSMD2</i>	-0.017714913	0.011647258	0.202053752	1
T2DM_admission beta_cell	<i>DNALI1</i>	-0.003301004	0.040424504	0.29082321	1
T2DM_admission beta_cell	<i>MTF1</i>	-0.004854925	0.023132709	0.24501514	1
T2DM_admission beta_cell	<i>TRIT1</i>	-0.007265182	0.019475568	0.228395303	1
T2DM_admission beta_cell	<i>ZFP69</i>	-0.01874982	0.02800341	0.258981185	1
T2DM_admission beta_cell	<i>CTPS1</i>	-0.007045526	0.003271245	0.118812902	1
T2DM_admission beta_cell	<i>FOXO6</i>	-0.01293237	0.006617329	0.157677876	1
T2DM_admission beta_cell	<i>HYI</i>	-0.003396468	0.049104938	0.299411205	1
T2DM_admission beta_cell	<i>EPS15</i>	0.002082339	0.03875201	0.289021612	1
T2DM_admission beta_cell	<i>OMA1</i>	-0.00762826	0.001272209	0.077011162	1
T2DM_admission beta_cell	<i>LEPROT</i>	-0.002028099	2.01E-05	0.012548792	0.075292753
T2DM_admission beta_cell	<i>SLC44A5</i>	-0.019487586	0.005452139	0.144153022	1
T2DM_admission beta_cell	<i>MSH4</i>	-0.051650895	0.002604762	0.107955726	1
T2DM_admission beta_cell	<i>GIPC2</i>	-0.010162806	0.003024094	0.113131357	1
T2DM_admission beta_cell	<i>MCOLN2</i>	-0.031143393	0.039356029	0.289021612	1
T2DM_admission beta_cell	<i>DDAH1</i>	-0.005796926	0.010462662	0.193766434	1
T2DM_admission beta_cell	<i>CCDC18</i>	-0.007096662	0.012434524	0.207294954	1
T2DM_admission beta_cell	<i>SLC44A3</i>	-0.004120699	0.045406675	0.298011178	1
T2DM_admission beta_cell	<i>REG4</i>	-0.012944696	0.00292397	0.111618073	1
T2DM_admission beta_cell	<i>RBM8A</i>	-0.00102757	0.048129953	0.299411205	1
T2DM_admission beta_cell	<i>ACP6</i>	-0.007101496	0.012522379	0.207294954	1
T2DM_admission beta_cell	<i>SNX27</i>	-0.004740716	0.044382701	0.296974183	1
T2DM_admission beta_cell	<i>TDRKH</i>	-0.013830335	0.047275991	0.299411205	1
T2DM_admission beta_cell	<i>THEM4</i>	-0.002510066	0.008762111	0.179120535	1
T2DM_admission beta_cell	<i>HRNR</i>	-0.035492687	0.025015421	0.247062588	1
T2DM_admission beta_cell	<i>BGLAP</i>	-0.017004798	0.02983635	0.263641763	1
T2DM_admission beta_cell	<i>NME7</i>	-0.008218388	1.14E-05	0.008521326	0.04260663
T2DM_admission beta_cell	<i>CCDC181</i>	-0.006802067	0.00060959	0.061634539	1
T2DM_admission beta_cell	<i>C1orf112</i>	0.009072238	0.046219993	0.299411205	1
T2DM_admission beta_cell	<i>RABGAP1L</i>	-0.002233745	0.004370655	0.132179539	1
T2DM_admission beta_cell	<i>MRPS14</i>	-0.005813486	0.046937736	0.299411205	1
T2DM_admission beta_cell	<i>GLUL</i>	-0.002863104	0.024046541	0.246650125	1
T2DM_admission beta_cell	<i>LAMC2</i>	-0.004364625	0.049999342	0.299411205	1
T2DM_admission beta_cell	<i>SMG7</i>	-0.002617787	0.026742184	0.254561092	1
T2DM_admission beta_cell	<i>EDEM3</i>	-0.003793684	0.012393371	0.207294954	1
T2DM_admission beta_cell	<i>ARL8A</i>	-0.00246404	0.005832735	0.147827396	1
T2DM_admission beta_cell	<i>CD46</i>	-0.001362939	0.03927896	0.289021612	1
T2DM_admission beta_cell	<i>ANGEL2</i>	-0.003938517	0.015069454	0.216452979	1
T2DM_admission beta_cell	<i>MARK1</i>	-0.004200852	0.032930883	0.273765411	1
T2DM_admission beta_cell	<i>CAPN9</i>	-0.024029451	0.016768641	0.223243719	1
T2DM_admission beta_cell	<i>MAP10</i>	-0.009055248	0.03046445	0.266159381	1
T2DM_admission beta_cell	<i>GPR137B</i>	-0.008046932	0.005317142	0.144140777	1
T2DM_admission beta_cell	<i>LINC00487</i>	-0.046080306	0.017379974	0.227597807	1
T2DM_admission beta_cell	<i>RN7SL832P</i>	-0.008252524	0.027790196	0.258957824	1
T2DM_admission beta_cell	<i>DDX1</i>	-0.000901805	0.038058696	0.289021612	1
T2DM_admission beta_cell	<i>GEN1</i>	-0.007984841	0.049900888	0.299411205	1
T2DM_admission beta_cell	<i>WDR35</i>	-0.005138211	0.046352348	0.299411205	1
T2DM_admission beta_cell	<i>FAM228B</i>	-0.003301541	0.015667146	0.218696995	1
T2DM_admission beta_cell	<i>PFN4</i>	-0.030910679	0.005036436	0.138539015	1
T2DM_admission beta_cell	<i>PPP1CB</i>	-0.000927465	0.008226825	0.174108443	1
T2DM_admission beta_cell	<i>NDUFAF7</i>	-0.003257042	0.011666295	0.202053752	1
T2DM_admission beta_cell	<i>EML4</i>	-0.006075448	0.002626028	0.107955726	1
T2DM_admission beta_cell	<i>ATP6V1E2</i>	-0.004054412	0.017433813	0.227597807	1
T2DM_admission beta_cell	<i>MDH1</i>	-0.001644947	0.006672317	0.157981896	1

T2DM_admission beta_cell	<i>ACTR2</i>	-0.001555816	0.00023587	0.0449895	0.88239153
T2DM_admission beta_cell	<i>ALMS1</i>	-0.005754978	0.046641318	0.299411205	1
T2DM_admission beta_cell	<i>NAT8</i>	-0.002648231	0.022934616	0.24501514	1
T2DM_admission beta_cell	<i>INO80B</i>	-0.007284727	0.03972805	0.289021612	1
T2DM_admission beta_cell	<i>LBX2</i>	0.019190682	0.012054675	0.206382068	1
T2DM_admission beta_cell	<i>DNAH6</i>	-0.007408059	0.01674811	0.223243719	1
T2DM_admission beta_cell	<i>GGCX</i>	-0.002574676	0.023788245	0.24626864	1
T2DM_admission beta_cell	<i>RGPD2</i>	-0.028285962	0.004019746	0.12598512	1
T2DM_admission beta_cell	<i>CIAO1</i>	-0.002966539	0.012869188	0.207832568	1
T2DM_admission beta_cell	<i>KANSL3</i>	-0.003416773	0.044122128	0.296872089	1
T2DM_admission beta_cell	<i>ANKRD36</i>	-0.002886132	0.043456101	0.294509553	1
T2DM_admission beta_cell	<i>AFF3</i>	0.006883586	0.028979053	0.26250269	1
T2DM_admission beta_cell	<i>NPAS2</i>	-0.004301457	0.039107263	0.289021612	1
T2DM_admission beta_cell	<i>ILIR2</i>	-0.004600483	0.042558985	0.292988558	1
T2DM_admission beta_cell	<i>GCC2</i>	-0.001113524	0.018064942	0.227892096	1
T2DM_admission beta_cell	<i>RGPD8</i>	-0.018201123	0.00468779	0.135945905	1
T2DM_admission beta_cell	<i>POLR1B</i>	-0.004761001	0.009789869	0.189761141	1
T2DM_admission beta_cell	<i>TMEM185B</i>	-0.006347549	0.001007602	0.072729792	1
T2DM_admission beta_cell	<i>BIN1</i>	-0.003883728	0.00473915	0.13637815	1
T2DM_admission beta_cell	<i>ERCC3</i>	-0.003854777	0.016862014	0.223690759	1
T2DM_admission beta_cell	<i>SLC38A11</i>	-0.0202193	0.00374911	0.122488513	1
T2DM_admission beta_cell	<i>GAD1</i>	-0.01053309	0.007005378	0.16077987	1
T2DM_admission beta_cell	<i>PDK1</i>	-0.003758727	0.02635637	0.252171814	1
T2DM_admission beta_cell	<i>DUSP19</i>	-0.030998781	0.003502315	0.121316312	1
T2DM_admission beta_cell	<i>ORMDL1</i>	-0.001796333	0.0234066	0.24501514	1
T2DM_admission beta_cell	<i>HIBCH</i>	-0.004776965	0.01336667	0.210103838	1
T2DM_admission beta_cell	<i>CASP8</i>	-0.012337708	0.002058037	0.097428424	1
T2DM_admission beta_cell	<i>TIGD1</i>	-0.006712857	0.013744744	0.214188974	1
T2DM_admission beta_cell	<i>USP40</i>	-0.005720238	0.041069676	0.290987986	1
T2DM_admission beta_cell	<i>SCLY</i>	-0.010807718	0.040729344	0.290987986	1
T2DM_admission beta_cell	<i>AQP12A</i>	-0.055741934	0.029660812	0.263103887	1
T2DM_admission beta_cell	<i>HDLBP</i>	-0.002822815	0.009276009	0.185308077	1
T2DM_admission beta_cell	<i>TSEN2</i>	-0.011803586	0.001440949	0.077011162	1
T2DM_admission beta_cell	<i>SATB1</i>	-0.002819649	0.049652863	0.299411205	1
T2DM_admission beta_cell	<i>RAB5A</i>	-0.002197789	0.013952174	0.214188974	1
T2DM_admission beta_cell	<i>EOMES</i>	-0.041460976	0.013107888	0.208846662	1
T2DM_admission beta_cell	<i>TTC21A</i>	-0.01514736	0.015200633	0.216452979	1
T2DM_admission beta_cell	<i>RPSA</i>	-0.000586272	0.001628753	0.08346803	1
T2DM_admission beta_cell	<i>NKTR</i>	-0.001647251	0.031449759	0.268003529	1
T2DM_admission beta_cell	<i>EXOSC7</i>	-0.00527775	0.014979224	0.216452979	1
T2DM_admission beta_cell	<i>LARS2</i>	-0.005622047	0.048466485	0.299411205	1
T2DM_admission beta_cell	<i>CCR1</i>	-0.019585199	0.018769316	0.227892096	1
T2DM_admission beta_cell	<i>LTF</i>	-0.026130894	8.56E-06	0.008004112	0.032016448
T2DM_admission beta_cell	<i>NME6</i>	-0.006937853	0.016743675	0.223243719	1
T2DM_admission beta_cell	<i>WDR6</i>	-0.003077408	0.032837085	0.273765411	1
T2DM_admission beta_cell	<i>UBA7</i>	-0.02271083	0.015253849	0.216452979	1
T2DM_admission beta_cell	<i>RBM6</i>	-0.001580792	0.005440171	0.144153022	1
T2DM_admission beta_cell	<i>TKT</i>	-0.000937268	0.010905644	0.198048605	1
T2DM_admission beta_cell	<i>ARHGEF3</i>	-0.005493423	0.049406247	0.299411205	1
T2DM_admission beta_cell	<i>DENND6A</i>	-0.003374624	0.03752696	0.289021612	1
T2DM_admission beta_cell	<i>PRICKLE2</i>	-0.004766639	0.037933527	0.289021612	1
T2DM_admission beta_cell	<i>UBA3</i>	-0.004071567	0.006809838	0.159389697	1
T2DM_admission beta_cell	<i>HTR1F</i>	-0.007423658	0.007316496	0.165166835	1
T2DM_admission beta_cell	<i>CGGBP1</i>	0.000879596	0.04096153	0.290987986	1
T2DM_admission beta_cell	<i>NXPE3</i>	-0.004184669	0.01485519	0.216452979	1
T2DM_admission beta_cell	<i>IFT57</i>	-0.001184432	0.036287657	0.285793944	1

T2DM_admission beta_cell	<i>GUCA1C</i>	-0.040406366	0.006196819	0.150910154	1
T2DM_admission beta_cell	<i>HSPBAP1</i>	-0.006478913	0.03067795	0.266159381	1
T2DM_admission beta_cell	<i>ALGIL</i>	-0.015206222	0.014570086	0.216452979	1
T2DM_admission beta_cell	<i>SLC41A3</i>	-0.00207118	0.023447052	0.24501514	1
T2DM_admission beta_cell	<i>ASTE1</i>	-0.007044156	0.03044074	0.266159381	1
T2DM_admission beta_cell	<i>FAIM</i>	-0.003080721	0.021879565	0.241001151	1
T2DM_admission beta_cell	<i>RNF7</i>	-0.001727996	0.018730297	0.227892096	1
T2DM_admission beta_cell	<i>PLSCR4</i>	-0.004448123	0.009726131	0.189507588	1
T2DM_admission beta_cell	<i>P2RY12</i>	-0.046914239	0.039718866	0.289021612	1
T2DM_admission beta_cell	<i>LEKR1</i>	-0.011080831	0.042744116	0.293200651	1
T2DM_admission beta_cell	<i>RSRC1</i>	-0.002178017	0.028326965	0.259226069	1
T2DM_admission beta_cell	<i>GPR160</i>	-0.010263483	0.000163784	0.038911476	0.612716279
T2DM_admission beta_cell	<i>KCNMB3</i>	-0.01337901	0.002493282	0.107256859	1
T2DM_admission beta_cell	<i>EHHADH</i>	-0.008457306	0.02888509	0.26250269	1
T2DM_admission beta_cell	<i>ST6GAL1</i>	-0.025554931	0.027406402	0.258828267	1
T2DM_admission beta_cell	<i>DLG1</i>	-0.003574602	0.008442798	0.177441051	1
T2DM_admission beta_cell	<i>CPLX1</i>	-0.005251861	0.047671235	0.299411205	1
T2DM_admission beta_cell	<i>ZFYVE28</i>	-0.025930416	3.56E-06	0.00443619	0.013308569
T2DM_admission beta_cell	<i>SH3BP2</i>	-0.005492764	0.049624812	0.299411205	1
T2DM_admission beta_cell	<i>GRK4</i>	-0.008018942	0.014433659	0.216452979	1
T2DM_admission beta_cell	<i>ADRA2C</i>	-0.007777209	0.000485595	0.058755717	1
T2DM_admission beta_cell	<i>ZBTB49</i>	-0.013735554	0.011647424	0.202053752	1
T2DM_admission beta_cell	<i>EVC2</i>	-0.01558632	0.041456133	0.292066652	1
T2DM_admission beta_cell	<i>TADA2B</i>	-0.002674813	0.027827064	0.258957824	1
T2DM_admission beta_cell	<i>DCAF16</i>	0.001426808	0.028203182	0.259226069	1
T2DM_admission beta_cell	<i>PACRGL</i>	-0.006923119	0.001959641	0.093987394	1
T2DM_admission beta_cell	<i>LGI2</i>	-0.022790687	0.015560125	0.21801658	1
T2DM_admission beta_cell	<i>TBC1D1</i>	-0.004377916	0.016413454	0.22247367	1
T2DM_admission beta_cell	<i>NSUN7</i>	-0.005459934	0.017578092	0.227892096	1
T2DM_admission beta_cell	<i>GNPDA2</i>	-0.003033334	0.020619142	0.235319711	1
T2DM_admission beta_cell	<i>CXCL6</i>	-0.005020574	0.023039333	0.24501514	1
T2DM_admission beta_cell	<i>FAM47E</i>	-0.004316585	0.001400596	0.077011162	1
T2DM_admission beta_cell	<i>CCDC158</i>	-0.024854711	0.004041223	0.12598512	1
T2DM_admission beta_cell	<i>HSD17B11</i>	-0.002481821	0.028252918	0.259226069	1
T2DM_admission beta_cell	<i>ARHGEF38</i>	-0.014412393	0.037160034	0.289013905	1
T2DM_admission beta_cell	<i>SNHG8</i>	-0.000801879	0.044657963	0.296974183	1
T2DM_admission beta_cell	<i>PRDM5</i>	-0.007657868	0.002700406	0.108625992	1
T2DM_admission beta_cell	<i>ELMOD2</i>	-0.008502597	0.000287642	0.045113769	1
T2DM_admission beta_cell	<i>FNIP2</i>	0.00192096	0.037262836	0.289021612	1
T2DM_admission beta_cell	<i>WDR17</i>	-0.011191885	0.003764338	0.122488513	1
T2DM_admission beta_cell	<i>CENPU</i>	-0.008399076	0.002083473	0.097428424	1
T2DM_admission beta_cell	<i>ZDHHC11B</i>	-0.021892366	0.014728869	0.216452979	1
T2DM_admission beta_cell	<i>SLC6A19</i>	-0.029425991	0.022832153	0.24501514	1
T2DM_admission beta_cell	<i>MRPL36</i>	-0.002000088	4.63E-05	0.019254414	0.173289726
T2DM_admission beta_cell	<i>SEMA5A</i>	-0.006639322	0.002967676	0.112142187	1
T2DM_admission beta_cell	<i>SNHG18</i>	-0.00835929	0.003123961	0.114575878	1
T2DM_admission beta_cell	<i>AMACR</i>	-0.002215849	0.02368475	0.24626864	1
T2DM_admission beta_cell	<i>PPWD1</i>	-0.004206748	0.001228999	0.076628083	1
T2DM_admission beta_cell	<i>F2R</i>	-0.002500019	0.02054133	0.235319711	1
T2DM_admission beta_cell	<i>RPS23</i>	-0.000249542	0.04995107	0.299411205	1
T2DM_admission beta_cell	<i>GPR150</i>	-0.012866652	0.010571579	0.193864112	1
T2DM_admission beta_cell	<i>ERAP1</i>	-0.007310351	0.012081709	0.206382068	1
T2DM_admission beta_cell	<i>PJA2</i>	-0.002047459	0.019156182	0.227892096	1
T2DM_admission beta_cell	<i>TMEM232</i>	-0.010336068	0.006981922	0.16077987	1
T2DM_admission beta_cell	<i>EIF4EBP3</i>	-0.004608546	0.000907489	0.072729792	1
T2DM_admission beta_cell	<i>STK32A</i>	-0.008168727	0.032546062	0.273606336	1

T2DM_admission beta_cell	<i>SLC36A1</i>	-0.009713019	0.010848135	0.19796523	1
T2DM_admission beta_cell	<i>ATP10B</i>	-0.019793733	0.025080745	0.247062588	1
T2DM_admission beta_cell	<i>WWC1</i>	-0.004069583	0.019672679	0.229269446	1
T2DM_admission beta_cell	<i>DOK3</i>	-0.018854174	0.00212999	0.098373962	1
T2DM_admission beta_cell	<i>RUFY1</i>	-0.006852986	0.014966879	0.216452979	1
T2DM_admission beta_cell	<i>BTNL3</i>	-0.050548461	0.020695051	0.235319711	1
T2DM_admission beta_cell	<i>MYLK4</i>	-0.047780734	0.022073152	0.2414493	1
T2DM_admission beta_cell	<i>NQO2</i>	-0.00440294	0.010427743	0.193766434	1
T2DM_admission beta_cell	<i>SYCP2L</i>	-0.023746863	0.01280334	0.207832568	1
T2DM_admission beta_cell	<i>NEDD9</i>	-0.003238377	0.01457824	0.216452979	1
T2DM_admission beta_cell	<i>GMPR</i>	-0.007047849	0.000558525	0.061409368	1
T2DM_admission beta_cell	<i>MBOAT1</i>	-0.028940175	0.001310266	0.077011162	1
T2DM_admission beta_cell	<i>KIAA0319</i>	-0.008147345	0.031271477	0.267092686	1
T2DM_admission beta_cell	<i>C6orf62</i>	-0.002250786	0.024619458	0.247062588	1
T2DM_admission beta_cell	<i>SLC17A4</i>	-0.032833184	0.031135349	0.267092686	1
T2DM_admission beta_cell	<i>ZNF391</i>	-0.013656898	0.041935879	0.292395426	1
T2DM_admission beta_cell	<i>ZNF165</i>	-0.007647401	0.004993425	0.138539015	1
T2DM_admission beta_cell	<i>HLA-G</i>	-0.008624082	0.041810593	0.292395426	1
T2DM_admission beta_cell	<i>DHX16</i>	-0.003513689	0.025025145	0.247062588	1
T2DM_admission beta_cell	<i>TCF19</i>	-0.02021148	0.007373125	0.165166835	1
T2DM_admission beta_cell	<i>MICA</i>	-0.004973781	0.023405432	0.24501514	1
T2DM_admission beta_cell	<i>EHMT2</i>	-0.005155951	0.041265847	0.291825202	1
T2DM_admission beta_cell	<i>ATF6B</i>	-0.003768501	0.030139965	0.265302612	1
T2DM_admission beta_cell	<i>HLA-DQB2</i>	-0.052983167	0.002551687	0.107256859	1
T2DM_admission beta_cell	<i>PSMB9</i>	-0.003818459	0.014498017	0.216452979	1
T2DM_admission beta_cell	<i>HLA-DMA</i>	-0.002996348	0.025216038	0.247062588	1
T2DM_admission beta_cell	<i>UQCC2</i>	-0.002886422	0.036182428	0.285566381	1
T2DM_admission beta_cell	<i>IP6K3</i>	-0.066529921	0.000108013	0.033673069	0.404076829
T2DM_admission beta_cell	<i>MTCH1</i>	-0.001643925	0.014546908	0.216452979	1
T2DM_admission beta_cell	<i>KIF6</i>	-0.023131275	0.033380989	0.274368699	1
T2DM_admission beta_cell	<i>PRPH2</i>	-0.014599425	0.013850077	0.214188974	1
T2DM_admission beta_cell	<i>SUPT3H</i>	-0.009192815	0.012959045	0.208067764	1
T2DM_admission beta_cell	<i>C6orf141</i>	-0.008525919	0.025822843	0.249620818	1
T2DM_admission beta_cell	<i>GCLC</i>	-0.003232596	0.02525925	0.247062588	1
T2DM_admission beta_cell	<i>FAM83B</i>	-0.010367049	0.047128522	0.299411205	1
T2DM_admission beta_cell	<i>IBTK</i>	-0.001525043	0.043149542	0.294101756	1
T2DM_admission beta_cell	<i>REV3L</i>	0.003603488	0.000301482	0.045113769	1
T2DM_admission beta_cell	<i>NT5DC1</i>	-0.003349692	0.040390246	0.29082321	1
T2DM_admission beta_cell	<i>HDDC2</i>	-0.001907131	0.035866148	0.28426962	1
T2DM_admission beta_cell	<i>SLC35D3</i>	-0.022071958	0.010337613	0.193365058	1
T2DM_admission beta_cell	<i>ABRACL</i>	-0.006679118	0.00803696	0.172879061	1
T2DM_admission beta_cell	<i>ADAT2</i>	-0.010854627	0.039336317	0.289021612	1
T2DM_admission beta_cell	<i>EPM2A</i>	-0.00806009	0.049825236	0.299411205	1
T2DM_admission beta_cell	<i>MTRF1L</i>	-0.001643197	0.018417847	0.227892096	1
T2DM_admission beta_cell	<i>IPCEF1</i>	-0.009346659	0.038791091	0.289021612	1
T2DM_admission beta_cell	<i>TULP4</i>	-0.002276759	0.011522958	0.202053752	1
T2DM_admission beta_cell	<i>DYNLT1</i>	-0.001820912	0.000965965	0.072729792	1
T2DM_admission beta_cell	<i>WTAP</i>	-0.002230652	0.018273309	0.227892096	1
T2DM_admission beta_cell	<i>WDR27</i>	-0.008034653	0.019269796	0.227892096	1
T2DM_admission beta_cell	<i>DAGLB</i>	-0.00614705	0.042453459	0.292988558	1
T2DM_admission beta_cell	<i>COL28A1</i>	-0.024739988	0.049265686	0.299411205	1
T2DM_admission beta_cell	<i>TSPAN13</i>	-0.001856309	0.015876879	0.219171234	1
T2DM_admission beta_cell	<i>JAZF1</i>	-0.00422893	0.023118003	0.24501514	1
T2DM_admission beta_cell	<i>PRR15</i>	-0.009830461	0.003590007	0.122092869	1
T2DM_admission beta_cell	<i>SUMF2</i>	-0.00228764	0.005006867	0.138539015	1
T2DM_admission beta_cell	<i>ZNF138</i>	-0.005143761	0.014363754	0.216452979	1

T2DM_admission beta_cell	<i>ZNF117</i>	-0.006481715	0.041638876	0.292253349	1
T2DM_admission beta_cell	<i>RABGEF1</i>	0.001904037	0.04364475	0.295253181	1
T2DM_admission beta_cell	<i>TYW1</i>	-0.007742304	0.015823776	0.219171234	1
T2DM_admission beta_cell	<i>POM121</i>	-0.00437564	0.015122311	0.216452979	1
T2DM_admission beta_cell	<i>CLDN3</i>	0.002829855	0.006816988	0.159389697	1
T2DM_admission beta_cell	<i>STEAP1</i>	-0.009354258	0.018396587	0.227892096	1
T2DM_admission beta_cell	<i>STEAP2</i>	-0.004691623	0.038723679	0.289021612	1
T2DM_admission beta_cell	<i>SAMD9L</i>	-0.024335485	0.000779827	0.070345646	1
T2DM_admission beta_cell	<i>ZNF789</i>	-0.008289904	0.027575346	0.258828267	1
T2DM_admission beta_cell	<i>MBLAC1</i>	0.008813426	0.021444031	0.239657898	1
T2DM_admission beta_cell	<i>PILRB</i>	0.002791345	0.037351006	0.289021612	1
T2DM_admission beta_cell	<i>SAP25</i>	-0.012058182	0.024022927	0.246650125	1
T2DM_admission beta_cell	<i>TFR2</i>	-0.026150597	0.044910323	0.29716581	1
T2DM_admission beta_cell	<i>VGF</i>	-0.000390183	0.012072498	0.206382068	1
T2DM_admission beta_cell	<i>NAT16</i>	-0.005622336	0.000252065	0.0449895	0.942974741
T2DM_admission beta_cell	<i>PRKRIP1</i>	-0.004135961	0.026255202	0.251847979	1
T2DM_admission beta_cell	<i>RASA4B</i>	-0.033543504	0.000912358	0.072729792	1
T2DM_admission beta_cell	<i>POLR2J2</i>	-0.006225459	0.015372894	0.216452979	1
T2DM_admission beta_cell	<i>WASL</i>	-0.001349652	0.007612912	0.168520133	1
T2DM_admission beta_cell	<i>ZNF800</i>	-0.001456206	0.040151996	0.29053891	1
T2DM_admission beta_cell	<i>WEE2</i>	-0.039304535	0.001225514	0.076628083	1
T2DM_admission beta_cell	<i>TAS2R4</i>	-0.021577348	0.001191169	0.076628083	1
T2DM_admission beta_cell	<i>ARHGEF35</i>	-0.004055495	0.019449247	0.228395303	1
T2DM_admission beta_cell	<i>OR2A7</i>	-0.037931529	0.040912464	0.290987986	1
T2DM_admission beta_cell	<i>ZNF467</i>	-0.009505449	0.000261369	0.0449895	0.977781847
T2DM_admission beta_cell	<i>ASIC3</i>	-0.017578798	0.020657793	0.235319711	1
T2DM_admission beta_cell	<i>RHEB</i>	-0.001301335	0.004455288	0.132179539	1
T2DM_admission beta_cell	<i>ERII</i>	-0.006551426	0.011385103	0.202053752	1
T2DM_admission beta_cell	<i>BMP1</i>	-0.012352033	0.006158303	0.150910154	1
T2DM_admission beta_cell	<i>ESCO2</i>	-0.025388581	0.001482172	0.077011162	1
T2DM_admission beta_cell	<i>EXTL3</i>	-0.005306806	0.02467251	0.247062588	1
T2DM_admission beta_cell	<i>SMIM19</i>	-0.001578738	0.049822871	0.299411205	1
T2DM_admission beta_cell	<i>CEBPD</i>	-0.001262854	0.025906784	0.249786803	1
T2DM_admission beta_cell	<i>TTPA</i>	-0.03277858	0.032884734	0.273765411	1
T2DM_admission beta_cell	<i>PREX2</i>	-0.006652278	0.031204412	0.267092686	1
T2DM_admission beta_cell	<i>CCNE2</i>	-0.018685562	0.001030387	0.072729792	1
T2DM_admission beta_cell	<i>YWHAZ</i>	-0.001254261	0.008087099	0.172879061	1
T2DM_admission beta_cell	<i>EIF3E</i>	-0.001331872	0.023080485	0.24501514	1
T2DM_admission beta_cell	<i>PKHD1L1</i>	-0.016827634	0.015042597	0.216452979	1
T2DM_admission beta_cell	<i>SNTB1</i>	-0.009160968	0.029374302	0.262976889	1
T2DM_admission beta_cell	<i>LY6E</i>	-0.003899608	0.004000876	0.12598512	1
T2DM_admission beta_cell	<i>ZNF696</i>	-0.007832469	0.048514254	0.299411205	1
T2DM_admission beta_cell	<i>PUF60</i>	-0.002020236	0.034041125	0.276843146	1
T2DM_admission beta_cell	<i>NRBP2</i>	-0.021917031	0.009361996	0.185308077	1
T2DM_admission beta_cell	<i>VPS28</i>	-0.00327703	0.000166422	0.038911476	0.62258361
T2DM_admission beta_cell	<i>PLGRKT</i>	-0.003360546	0.043160081	0.294101756	1
T2DM_admission beta_cell	<i>CD274</i>	0.010737312	0.004434254	0.132179539	1
T2DM_admission beta_cell	<i>MPDZ</i>	-0.012810336	0.000223701	0.0449895	0.836866546
T2DM_admission beta_cell	<i>CNTLN</i>	-0.00571826	0.0405544	0.290987986	1
T2DM_admission beta_cell	<i>FOCAD</i>	-0.005765174	0.018395389	0.227892096	1
T2DM_admission beta_cell	<i>APTX</i>	-0.003254161	0.047954298	0.299411205	1
T2DM_admission beta_cell	<i>SMUI</i>	-0.004974203	0.005739261	0.147827396	1
T2DM_admission beta_cell	<i>C9orf131</i>	-0.027175104	0.046680713	0.299411205	1
T2DM_admission beta_cell	<i>TMEM8B</i>	-0.006271216	0.010146558	0.193365058	1
T2DM_admission beta_cell	<i>GRHPR</i>	0.001560858	0.046362915	0.299411205	1
T2DM_admission beta_cell	<i>POLRIE</i>	-0.006157049	0.032652677	0.273765411	1

T2DM_admission beta_cell	<i>FBXO10</i>	-0.01077658	0.0103119	0.193365058	1
T2DM_admission beta_cell	<i>ANKRD18A</i>	-0.011059391	0.042945351	0.293708517	1
T2DM_admission beta_cell	<i>C9orf64</i>	-0.006250748	0.031651053	0.268495669	1
T2DM_admission beta_cell	<i>DAPK1</i>	-0.002756148	0.040667805	0.290987986	1
T2DM_admission beta_cell	<i>SPTLC1</i>	-0.00290278	0.039266366	0.289021612	1
T2DM_admission beta_cell	<i>TMEM38B</i>	-0.002115209	0.011022075	0.199196048	1
T2DM_admission beta_cell	<i>PRPF4</i>	-0.004114669	0.024305543	0.247062588	1
T2DM_admission beta_cell	<i>SH2D3C</i>	-0.02484475	3.27E-05	0.015282817	0.122262537
T2DM_admission beta_cell	<i>AK1</i>	-0.002800927	0.013963034	0.214188974	1
T2DM_admission beta_cell	<i>CRAT</i>	-0.003989258	0.048701953	0.299411205	1
T2DM_admission beta_cell	<i>UCK1</i>	-0.002954703	0.042792717	0.293200651	1
T2DM_admission beta_cell	<i>EXD3</i>	-0.004451385	0.024130966	0.246650125	1
T2DM_admission beta_cell	<i>ENTPD8</i>	-0.014754409	0.032297575	0.272743179	1
T2DM_admission beta_cell	<i>PNPLA7</i>	-0.008761815	0.003337122	0.118896903	1
T2DM_admission beta_cell	<i>WDR37</i>	-0.00144409	0.025294031	0.247062588	1
T2DM_admission beta_cell	<i>AKR1C2</i>	-0.005470327	0.04134488	0.291832443	1
T2DM_admission beta_cell	<i>RSU1</i>	0.003678116	0.000789767	0.070345646	1
T2DM_admission beta_cell	<i>TMEM236</i>	-0.009691435	0.000474976	0.058755717	1
T2DM_admission beta_cell	<i>MASTL</i>	-0.009647924	0.000556341	0.061409368	1
T2DM_admission beta_cell	<i>ZNF25</i>	-0.00453688	0.047285995	0.299411205	1
T2DM_admission beta_cell	<i>ASAH2B</i>	-0.018408426	0.000515967	0.06031982	1
T2DM_admission beta_cell	<i>PHYHIPL</i>	-0.00625535	0.002547073	0.107256859	1
T2DM_admission beta_cell	<i>DLG5</i>	-0.003372855	0.000339977	0.048917468	1
T2DM_admission beta_cell	<i>LDB3</i>	-0.010191387	0.019063802	0.227892096	1
T2DM_admission beta_cell	<i>GLUD1</i>	-0.002460641	0.02449505	0.247062588	1
T2DM_admission beta_cell	<i>NUTM2A</i>	-0.061351308	0.010337137	0.193365058	1
T2DM_admission beta_cell	<i>PLCE1</i>	-0.0079447	0.013716243	0.214188974	1
T2DM_admission beta_cell	<i>PGAMI</i>	-0.001783836	0.033266675	0.274368699	1
T2DM_admission beta_cell	<i>EXOSC1</i>	-0.002959571	0.034380801	0.278395188	1
T2DM_admission beta_cell	<i>CWF19L1</i>	-0.004455555	0.047407923	0.299411205	1
T2DM_admission beta_cell	<i>SEMA4G</i>	0.011735337	0.000164971	0.038911476	0.617156872
T2DM_admission beta_cell	<i>SMC3</i>	-0.002042586	0.045391441	0.298011178	1
T2DM_admission beta_cell	<i>ATE1</i>	-0.002975904	0.040111471	0.29053891	1
T2DM_admission beta_cell	<i>PPP2R2D</i>	-0.003508311	0.025722783	0.249620818	1
T2DM_admission beta_cell	<i>LINC01167</i>	-0.070817967	0.039365742	0.289021612	1
T2DM_admission beta_cell	<i>SPRN</i>	-0.004276146	0.047206447	0.299411205	1
T2DM_admission beta_cell	<i>NLRP6</i>	-0.042742378	0.038069729	0.289021612	1
T2DM_admission beta_cell	<i>RNH1</i>	-0.001466046	0.033315021	0.274368699	1
T2DM_admission beta_cell	<i>DEAF1</i>	-0.001547699	0.027674768	0.258828267	1
T2DM_admission beta_cell	<i>TMEM80</i>	-0.007663182	0.001015866	0.072729792	1
T2DM_admission beta_cell	<i>EIF3F</i>	-0.001384591	0.009062997	0.184264526	1
T2DM_admission beta_cell	<i>SAAL1</i>	0.004898312	0.0276377	0.258828267	1
T2DM_admission beta_cell	<i>LDHC</i>	-0.024676075	0.022683709	0.24501514	1
T2DM_admission beta_cell	<i>PDHX</i>	-0.007127746	0.001437712	0.077011162	1
T2DM_admission beta_cell	<i>HSD17B12</i>	-0.001851136	0.021525008	0.239657898	1
T2DM_admission beta_cell	<i>MS4A8</i>	-0.005374364	0.019575574	0.228850692	1
T2DM_admission beta_cell	<i>PRPF19</i>	-0.002956461	0.026568136	0.253549483	1
T2DM_admission beta_cell	<i>TAF6L</i>	-0.006189726	0.012678355	0.207294954	1
T2DM_admission beta_cell	<i>NAA40</i>	-0.00502126	0.002223181	0.100445551	1
T2DM_admission beta_cell	<i>FLRT1</i>	-0.012010892	0.018092739	0.227892096	1
T2DM_admission beta_cell	<i>PPP1R14B</i>	-0.001289697	0.030666868	0.266159381	1
T2DM_admission beta_cell	<i>SAC3D1</i>	-0.004094256	0.029880809	0.263641763	1
T2DM_admission beta_cell	<i>EHBPIL1</i>	-0.00673062	0.012648603	0.207294954	1
T2DM_admission beta_cell	<i>SNX32</i>	-0.023269397	0.046076444	0.299411205	1
T2DM_admission beta_cell	<i>SF3B2</i>	-0.0013977	0.00141637	0.077011162	1
T2DM_admission beta_cell	<i>PC</i>	-0.008864489	0.015345495	0.216452979	1

T2DM_admission beta_cell	<i>LRP5</i>	-0.008000011	0.021743798	0.241001151	1
T2DM_admission beta_cell	<i>C2CD3</i>	-0.009968937	0.020478009	0.235319711	1
T2DM_admission beta_cell	<i>PGM2L1</i>	-0.003817186	0.003479211	0.121316312	1
T2DM_admission beta_cell	<i>TSKU</i>	-0.004478309	0.043446654	0.294509553	1
T2DM_admission beta_cell	<i>ALG8</i>	0.004604794	0.04188053	0.292395426	1
T2DM_admission beta_cell	<i>NAALAD2</i>	-0.040095554	0.003634269	0.122162502	1
T2DM_admission beta_cell	<i>TRPC6</i>	-0.01451643	0.040381691	0.29082321	1
T2DM_admission beta_cell	<i>MMP1</i>	0.003619933	0.000291482	0.045113769	1
T2DM_admission beta_cell	<i>ALKBH8</i>	-0.00772831	0.003399552	0.119978527	1
T2DM_admission beta_cell	<i>FDX1</i>	-0.002583505	0.026964791	0.255380466	1
T2DM_admission beta_cell	<i>SIDT2</i>	-0.004944472	0.007313445	0.165166835	1
T2DM_admission beta_cell	<i>TAGLN</i>	-0.001389621	0.029451166	0.262976889	1
T2DM_admission beta_cell	<i>RNF214</i>	-0.007388952	0.029092828	0.26250269	1
T2DM_admission beta_cell	<i>VPS11</i>	0.00478315	0.048346738	0.299411205	1
T2DM_admission beta_cell	<i>HINFP</i>	-0.011263465	0.000602805	0.061634539	1
T2DM_admission beta_cell	<i>OAF</i>	-0.002534183	0.034288441	0.278249586	1
T2DM_admission beta_cell	<i>CHEK1</i>	-0.011000163	0.008237689	0.174108443	1
T2DM_admission beta_cell	<i>NFRKB</i>	-0.003892816	0.036041335	0.285054194	1
T2DM_admission beta_cell	<i>SNX19</i>	-0.003849743	0.002486917	0.107256859	1
T2DM_admission beta_cell	<i>CDC43</i>	-0.025222539	0.006212286	0.150910154	1
T2DM_admission beta_cell	<i>SLC2A14</i>	-0.037768705	0.007462479	0.16617341	1
T2DM_admission beta_cell	<i>FAM90A1</i>	-0.017221269	0.017460725	0.227597807	1
T2DM_admission beta_cell	<i>PRR4</i>	-0.008672746	0.033251842	0.274368699	1
T2DM_admission beta_cell	<i>TAS2R20</i>	-0.037170775	0.013262987	0.210072473	1
T2DM_admission beta_cell	<i>CREBL2</i>	-0.004477508	0.00448725	0.132179539	1
T2DM_admission beta_cell	<i>PIK3C2G</i>	-0.012921874	0.033886255	0.276787074	1
T2DM_admission beta_cell	<i>GYS2</i>	-0.048522543	0.0105601	0.193864112	1
T2DM_admission beta_cell	<i>BHLHE41</i>	-0.002174832	0.016409344	0.22247367	1
T2DM_admission beta_cell	<i>TM7SF3</i>	-0.005058842	0.015390669	0.216452979	1
T2DM_admission beta_cell	<i>CAPRN2</i>	-0.00512211	0.030507545	0.266159381	1
T2DM_admission beta_cell	<i>KANSL2</i>	-0.003163202	0.04749449	0.299411205	1
T2DM_admission beta_cell	<i>TFCP2</i>	-0.004970298	0.012199658	0.207294954	1
T2DM_admission beta_cell	<i>EIF4B</i>	-0.001508651	0.032377263	0.272800318	1
T2DM_admission beta_cell	<i>AVIL</i>	-0.012430163	0.004821641	0.13769282	1
T2DM_admission beta_cell	<i>HELB</i>	-0.00767211	0.023340391	0.24501514	1
T2DM_admission beta_cell	<i>CAND1</i>	-0.001739255	0.033516839	0.274368699	1
T2DM_admission beta_cell	<i>FRS2</i>	-0.004156335	0.037510816	0.289021612	1
T2DM_admission beta_cell	<i>BEST3</i>	-0.021752258	0.045009165	0.29716581	1
T2DM_admission beta_cell	<i>KRR1</i>	-0.002205826	0.015782432	0.219171234	1
T2DM_admission beta_cell	<i>TMTC2</i>	-0.018720546	0.023830325	0.24626864	1
T2DM_admission beta_cell	<i>AMDHD1</i>	-0.028879971	0.018923297	0.227892096	1
T2DM_admission beta_cell	<i>IKBIP</i>	-0.003972836	0.029679187	0.263103887	1
T2DM_admission beta_cell	<i>PRDM4</i>	-0.002155434	0.015241926	0.216452979	1
T2DM_admission beta_cell	<i>WSCD2</i>	-0.011665575	0.013308521	0.210072473	1
T2DM_admission beta_cell	<i>CORO1C</i>	-0.003288161	0.048212004	0.299411205	1
T2DM_admission beta_cell	<i>DTX1</i>	-0.010146474	0.000937443	0.072729792	1
T2DM_admission beta_cell	<i>RITAI</i>	-0.006898725	0.03758005	0.289021612	1
T2DM_admission beta_cell	<i>WSB2</i>	-0.003964402	0.01526582	0.216452979	1
T2DM_admission beta_cell	<i>MTMR6</i>	-0.005940291	0.002764629	0.108868172	1
T2DM_admission beta_cell	<i>MEDAG</i>	-0.002738822	0.038354149	0.289021612	1
T2DM_admission beta_cell	<i>TRPC4</i>	-0.010226364	0.01907665	0.227892096	1
T2DM_admission beta_cell	<i>PROSER1</i>	-0.003899541	0.041618568	0.292253349	1
T2DM_admission beta_cell	<i>DLEU1</i>	-0.003966749	0.022551162	0.24501514	1
T2DM_admission beta_cell	<i>ATP7B</i>	-0.024583666	0.008668341	0.179120535	1
T2DM_admission beta_cell	<i>CKAP2</i>	-0.006050918	0.026957471	0.255380466	1
T2DM_admission beta_cell	<i>PIBF1</i>	-0.005021607	0.012689266	0.207294954	1

T2DM_admission beta_cell	<i>IPO5</i>	-0.002045855	0.006014025	0.150910154	1
T2DM_admission beta_cell	<i>FGF14</i>	-0.002695267	0.01159887	0.202053752	1
T2DM_admission beta_cell	<i>PROZ</i>	-0.031404024	0.035204554	0.282662609	1
T2DM_admission beta_cell	<i>OSGEP</i>	-0.004180944	0.024981475	0.247062588	1
T2DM_admission beta_cell	<i>PRMT5</i>	-0.009947595	0.011208771	0.201596204	1
T2DM_admission beta_cell	<i>CBLN3</i>	-0.02580296	0.03545681	0.282822874	1
T2DM_admission beta_cell	<i>SLC25A21</i>	-0.019912406	0.001465457	0.077011162	1
T2DM_admission beta_cell	<i>SLC25A21-AS1</i>	-0.009154823	0.003105082	0.114575878	1
T2DM_admission beta_cell	<i>MIPOL1</i>	-0.008328726	0.001090722	0.074188909	1
T2DM_admission beta_cell	<i>TXNDC16</i>	-0.006840124	0.04324062	0.294114835	1
T2DM_admission beta_cell	<i>DAAMI</i>	-0.001543743	0.01918054	0.227892096	1
T2DM_admission beta_cell	<i>GPR135</i>	-0.005961816	0.027984732	0.258981185	1
T2DM_admission beta_cell	<i>JKAMP</i>	-0.002121963	0.005815082	0.147827396	1
T2DM_admission beta_cell	<i>FAM161B</i>	-0.010831561	0.022058791	0.2414493	1
T2DM_admission beta_cell	<i>LIN52</i>	-0.005173287	0.00551026	0.144153022	1
T2DM_admission beta_cell	<i>ZC2HC1C</i>	-0.005064558	0.010227162	0.193365058	1
T2DM_admission beta_cell	<i>DDX24</i>	-0.000702266	0.016526234	0.22319365	1
T2DM_admission beta_cell	<i>TRAF3</i>	-0.005332972	0.005201457	0.142033934	1
T2DM_admission beta_cell	<i>INF2</i>	-0.006766386	0.017851148	0.227892096	1
T2DM_admission beta_cell	<i>ZBTB42</i>	-0.005729007	0.035805252	0.28426962	1
T2DM_admission beta_cell	<i>CEP170B</i>	-0.002439411	0.036603557	0.286472606	1
T2DM_admission beta_cell	<i>GOLGA8O</i>	-0.020618381	0.001761932	0.089072828	1
T2DM_admission beta_cell	<i>GJD2</i>	-0.003963289	0.044692987	0.296974183	1
T2DM_admission beta_cell	<i>IVD</i>	-0.003923621	0.020791029	0.235694669	1
T2DM_admission beta_cell	<i>ZFYVE19</i>	-0.006517294	0.042258713	0.292758971	1
T2DM_admission beta_cell	<i>SPTBN5</i>	-0.026633502	0.029453974	0.262976889	1
T2DM_admission beta_cell	<i>SPPL2A</i>	-0.001830224	0.022873528	0.24501514	1
T2DM_admission beta_cell	<i>CYP19A1</i>	0.022145675	0.002757968	0.108868172	1
T2DM_admission beta_cell	<i>DMXL2</i>	-0.00623879	0.002882292	0.111618073	1
T2DM_admission beta_cell	<i>TEX9</i>	-0.004755435	0.04801761	0.299411205	1
T2DM_admission beta_cell	<i>LIPC</i>	-0.014752759	0.013970091	0.214188974	1
T2DM_admission beta_cell	<i>ADAM10</i>	-0.003633154	0.01231143	0.207294954	1
T2DM_admission beta_cell	<i>TPMI</i>	-0.00061158	0.043896938	0.295889091	1
T2DM_admission beta_cell	<i>SPG21</i>	-0.0032641	5.70E-05	0.021336669	0.213366693
T2DM_admission beta_cell	<i>ADPGK</i>	-0.002815885	0.030738253	0.266159381	1
T2DM_admission beta_cell	<i>HCN4</i>	-0.022934288	0.004034561	0.12598512	1
T2DM_admission beta_cell	<i>RPP25</i>	-0.003520607	0.009357032	0.185308077	1
T2DM_admission beta_cell	<i>MAN2C1</i>	-0.002186694	0.033483928	0.274368699	1
T2DM_admission beta_cell	<i>SNUPN</i>	-0.004362553	0.028037257	0.258981185	1
T2DM_admission beta_cell	<i>PSMA4</i>	-0.001556035	0.0065869	0.157677876	1
T2DM_admission beta_cell	<i>CTSH</i>	-0.002121736	0.045792792	0.29897179	1
T2DM_admission beta_cell	<i>C15orf40</i>	-0.001939537	0.04872779	0.299411205	1
T2DM_admission beta_cell	<i>POLG</i>	-0.00269485	0.045709451	0.298949398	1
T2DM_admission beta_cell	<i>MESP2</i>	-0.03207475	0.038621448	0.289021612	1
T2DM_admission beta_cell	<i>SEMA4B</i>	-0.005662851	0.018900553	0.227892096	1
T2DM_admission beta_cell	<i>LINC00930</i>	-0.053909443	0.001069103	0.074065104	1
T2DM_admission beta_cell	<i>ADAMTS17</i>	-0.026825606	0.037041263	0.288731166	1
T2DM_admission beta_cell	<i>ARHGDIG</i>	-0.009305795	0.042128077	0.292395426	1
T2DM_admission beta_cell	<i>WDR90</i>	0.0075332	0.030891057	0.266159381	1
T2DM_admission beta_cell	<i>CCDC78</i>	-0.017212212	0.031545426	0.268207819	1
T2DM_admission beta_cell	<i>MRPS34</i>	-0.00229106	0.030927138	0.266159381	1
T2DM_admission beta_cell	<i>TRAF7</i>	-0.003698725	0.046502706	0.299411205	1
T2DM_admission beta_cell	<i>BRICD5</i>	-0.039464008	0.000974032	0.072729792	1
T2DM_admission beta_cell	<i>ECI1</i>	-0.001926326	0.042371557	0.292988558	1
T2DM_admission beta_cell	<i>MGRN1</i>	-0.002727036	0.034656562	0.279418533	1
T2DM_admission beta_cell	<i>NAGPA</i>	-0.005223854	0.025062998	0.247062588	1

T2DM_admission beta_cell	<i>XPO6</i>	-0.007407669	0.003578834	0.122092869	1
T2DM_admission beta_cell	<i>BOLA2</i>	-0.00324724	0.038661232	0.289021612	1
T2DM_admission beta_cell	<i>HEATR3</i>	-0.006555702	0.029181953	0.26250269	1
T2DM_admission beta_cell	<i>RBL2</i>	-0.003579034	0.000249528	0.0449895	0.933483511
T2DM_admission beta_cell	<i>DOK4</i>	-0.004777973	0.044545873	0.296974183	1
T2DM_admission beta_cell	<i>MMP15</i>	-0.007415791	0.00458168	0.133906771	1
T2DM_admission beta_cell	<i>PARD6A</i>	-0.003210331	0.035567475	0.283101968	1
T2DM_admission beta_cell	<i>CLEC18A</i>	-0.017095146	0.012605691	0.207294954	1
T2DM_admission beta_cell	<i>EXOSC6</i>	-0.001176681	0.039506371	0.289021612	1
T2DM_admission beta_cell	<i>IST1</i>	-0.001691509	0.02044375	0.235319711	1
T2DM_admission beta_cell	<i>ADAT1</i>	-0.003607761	0.028850668	0.26250269	1
T2DM_admission beta_cell	<i>NUDT7</i>	-0.015732854	0.002680013	0.108625992	1
T2DM_admission beta_cell	<i>ZDHHC7</i>	-0.006210536	0.020960467	0.236212571	1
T2DM_admission beta_cell	<i>RNF166</i>	-0.005708306	0.009114209	0.184304084	1
T2DM_admission beta_cell	<i>C17orf97</i>	-0.003860491	0.041045134	0.290987986	1
T2DM_admission beta_cell	<i>GEMIN4</i>	-0.007093912	0.04437268	0.296974183	1
T2DM_admission beta_cell	<i>TRPV3</i>	-0.024055432	0.005497252	0.144153022	1
T2DM_admission beta_cell	<i>SHPK</i>	-0.007532644	0.049782919	0.299411205	1
T2DM_admission beta_cell	<i>SPAG7</i>	-0.002098178	0.039592429	0.289021612	1
T2DM_admission beta_cell	<i>ZNF232</i>	-0.012795771	0.006355958	0.153404127	1
T2DM_admission beta_cell	<i>USP6</i>	-0.072161774	6.72E-05	0.022840022	0.251240238
T2DM_admission beta_cell	<i>DERL2</i>	-0.002932283	3.24E-05	0.015282817	0.121188286
T2DM_admission beta_cell	<i>MFSD6L</i>	-0.023078977	0.021903339	0.241001151	1
T2DM_admission beta_cell	<i>RAI1</i>	-0.003440708	0.005826384	0.147827396	1
T2DM_admission beta_cell	<i>MYO15A</i>	-0.020845227	0.000417706	0.057875487	1
T2DM_admission beta_cell	<i>FAM106A</i>	0.008681568	0.018813852	0.227892096	1
T2DM_admission beta_cell	<i>POLDIP2</i>	-0.003146712	0.033344976	0.274368699	1
T2DM_admission beta_cell	<i>TP53I13</i>	-0.003162812	0.003331233	0.118896903	1
T2DM_admission beta_cell	<i>RHBDL3</i>	-0.017797482	0.017733874	0.227892096	1
T2DM_admission beta_cell	<i>ARL5C</i>	-0.004991611	0.029551078	0.263103887	1
T2DM_admission beta_cell	<i>CCR10</i>	-0.005840584	0.036592553	0.286472606	1
T2DM_admission beta_cell	<i>C1QL1</i>	-0.004050618	0.009494518	0.186942064	1
T2DM_admission beta_cell	<i>DCAKD</i>	-0.004969899	0.008672794	0.179120535	1
T2DM_admission beta_cell	<i>ARL17A</i>	-0.006009089	0.04207657	0.292395426	1
T2DM_admission beta_cell	<i>PRR15L</i>	-0.009815331	0.00045661	0.058755717	1
T2DM_admission beta_cell	<i>CDK5RAP3</i>	-0.004297795	0.042083884	0.292395426	1
T2DM_admission beta_cell	<i>CHAD</i>	-0.063616824	0.008758043	0.179120535	1
T2DM_admission beta_cell	<i>SPATA20</i>	-0.003694382	0.03855465	0.289021612	1
T2DM_admission beta_cell	<i>ABCC3</i>	-0.006808143	0.004287485	0.131471145	1
T2DM_admission beta_cell	<i>ANKRD40</i>	-0.003622943	0.009259281	0.185308077	1
T2DM_admission beta_cell	<i>TOMIL1</i>	-0.004353442	0.02380171	0.24626864	1
T2DM_admission beta_cell	<i>COX11</i>	-0.001612565	0.001473164	0.077011162	1
T2DM_admission beta_cell	<i>HLF</i>	-0.003854598	0.006169044	0.150910154	1
T2DM_admission beta_cell	<i>TEX14</i>	-0.006329295	0.018919013	0.227892096	1
T2DM_admission beta_cell	<i>RAD51C</i>	-0.004306178	0.048063961	0.299411205	1
T2DM_admission beta_cell	<i>RPS6KB1</i>	0.001534459	0.033969876	0.276843146	1
T2DM_admission beta_cell	<i>HEATR6</i>	-0.007606824	0.025101321	0.247062588	1
T2DM_admission beta_cell	<i>LIMD2</i>	-0.008460648	0.001882335	0.092655475	1
T2DM_admission beta_cell	<i>DDX42</i>	-0.001755293	0.039168722	0.289021612	1
T2DM_admission beta_cell	<i>LINC01152</i>	-0.017867647	0.048410884	0.299411205	1
T2DM_admission beta_cell	<i>C17orf80</i>	-0.009605323	0.001340877	0.077011162	1
T2DM_admission beta_cell	<i>ITGB4</i>	-0.014719298	0.048867323	0.299411205	1
T2DM_admission beta_cell	<i>FBF1</i>	-0.008439171	0.048452412	0.299411205	1
T2DM_admission beta_cell	<i>EVPL</i>	-0.024103329	0.018142341	0.227892096	1
T2DM_admission beta_cell	<i>SRP68</i>	-0.003625751	0.019265017	0.227892096	1
T2DM_admission beta_cell	<i>PRPSAP1</i>	-0.004076329	0.048730267	0.299411205	1

T2DM_admission beta_cell	<i>CCDC57</i>	-0.004364928	0.014034735	0.214301807	1
T2DM_admission beta_cell	<i>LINC00667</i>	0.001891512	0.000758621	0.070345646	1
T2DM_admission beta_cell	<i>LINC00668</i>	-0.047702276	0.030948765	0.266159381	1
T2DM_admission beta_cell	<i>SPIRE1</i>	-0.002561901	0.02136139	0.239657898	1
T2DM_admission beta_cell	<i>TMEM241</i>	-0.01659337	0.007352419	0.165166835	1
T2DM_admission beta_cell	<i>EPG5</i>	-0.005264178	0.047487344	0.299411205	1
T2DM_admission beta_cell	<i>TXNL4A</i>	0.001306949	0.024716879	0.247062588	1
T2DM_admission beta_cell	<i>ARID3A</i>	-0.005936828	0.008006555	0.172879061	1
T2DM_admission beta_cell	<i>LSM7</i>	-0.001545024	0.001474846	0.077011162	1
T2DM_admission beta_cell	<i>APBA3</i>	-0.015514771	0.004094262	0.126583763	1
T2DM_admission beta_cell	<i>PLIN3</i>	0.001033017	0.046071587	0.299411205	1
T2DM_admission beta_cell	<i>ARRDC5</i>	-0.029632224	0.021490509	0.239657898	1
T2DM_admission beta_cell	<i>CAPS</i>	-0.005595979	0.035333621	0.282822874	1
T2DM_admission beta_cell	<i>ZNF440</i>	-0.004119108	0.044522015	0.296974183	1
T2DM_admission beta_cell	<i>ZNF490</i>	0.010067243	0.0009479	0.072729792	1
T2DM_admission beta_cell	<i>MRII</i>	-0.00796862	0.024105692	0.246650125	1
T2DM_admission beta_cell	<i>PALM3</i>	0.010527914	0.003657364	0.122162502	1
T2DM_admission beta_cell	<i>ZNF333</i>	-0.004021315	0.016397576	0.22247367	1
T2DM_admission beta_cell	<i>CYP4F11</i>	-0.013982762	0.010292371	0.193365058	1
T2DM_admission beta_cell	<i>YJEFN3</i>	-0.013780441	0.024953668	0.247062588	1
T2DM_admission beta_cell	<i>ZNF737</i>	-0.003262827	0.045218068	0.297818299	1
T2DM_admission beta_cell	<i>ZNF738</i>	-0.005306406	0.038888305	0.289021612	1
T2DM_admission beta_cell	<i>ZNF676</i>	-0.015234506	0.011552582	0.202053752	1
T2DM_admission beta_cell	<i>ZNF681</i>	0.007200212	0.001116448	0.074582684	1
T2DM_admission beta_cell	<i>ZNF30</i>	-0.013943198	0.011276753	0.201848477	1
T2DM_admission beta_cell	<i>CD22</i>	-0.011954152	0.045039565	0.29716581	1
T2DM_admission beta_cell	<i>ETV2</i>	-0.018291597	0.02306055	0.24501514	1
T2DM_admission beta_cell	<i>APLP1</i>	-0.002427505	0.001852221	0.09238878	1
T2DM_admission beta_cell	<i>ZNF529</i>	-0.003477358	0.037046501	0.288731166	1
T2DM_admission beta_cell	<i>ZNF781</i>	-0.016390943	0.039632459	0.289021612	1
T2DM_admission beta_cell	<i>PPP1R14A</i>	-0.006223463	0.025376273	0.247220414	1
T2DM_admission beta_cell	<i>CAPN12</i>	-0.004622177	0.003765351	0.122488513	1
T2DM_admission beta_cell	<i>ZNF780A</i>	-0.005176904	0.004405622	0.132179539	1
T2DM_admission beta_cell	<i>C19orf54</i>	-0.022073152	0.026138775	0.25137573	1
T2DM_admission beta_cell	<i>BCKDHA</i>	-0.005649629	0.031811595	0.269247003	1
T2DM_admission beta_cell	<i>PHLDB3</i>	-0.00839206	0.016401173	0.22247367	1
T2DM_admission beta_cell	<i>SMG9</i>	-0.005228767	0.000733615	0.070345646	1
T2DM_admission beta_cell	<i>LYPD5</i>	0.007207953	0.044437237	0.296974183	1
T2DM_admission beta_cell	<i>ZNF283</i>	-0.007740686	0.048489902	0.299411205	1
T2DM_admission beta_cell	<i>ZNF404</i>	-0.034701316	0.018312301	0.227892096	1
T2DM_admission beta_cell	<i>ZNF234</i>	-0.012091609	0.018803739	0.227892096	1
T2DM_admission beta_cell	<i>STRN4</i>	-0.002017866	0.027565434	0.258828267	1
T2DM_admission beta_cell	<i>PLA2G4C</i>	-0.007412717	0.029152343	0.26250269	1
T2DM_admission beta_cell	<i>PPFIA3</i>	-0.00539437	0.006898839	0.160301598	1
T2DM_admission beta_cell	<i>PRR12</i>	-0.008250444	0.00090557	0.072729792	1
T2DM_admission beta_cell	<i>FUZ</i>	-0.01430142	1.09E-06	0.002043377	0.004086753
T2DM_admission beta_cell	<i>NUP62</i>	-0.00388808	0.008675057	0.179120535	1
T2DM_admission beta_cell	<i>NAPSA</i>	-0.028727871	0.005390185	0.144153022	1
T2DM_admission beta_cell	<i>CTUI</i>	-0.005476773	0.034504913	0.278796716	1
T2DM_admission beta_cell	<i>ZNF175</i>	-0.007854588	0.000990632	0.072729792	1
T2DM_admission beta_cell	<i>ZNF528</i>	-0.003869403	0.046869432	0.299411205	1
T2DM_admission beta_cell	<i>ZNF320</i>	-0.028437137	0.005030023	0.138539015	1
T2DM_admission beta_cell	<i>ZNF816</i>	-0.007053026	0.002542248	0.107256859	1
T2DM_admission beta_cell	<i>PRKCG</i>	-0.030608743	0.000574533	0.061409368	1
T2DM_admission beta_cell	<i>RPS9</i>	-0.000377179	0.043787258	0.295682551	1
T2DM_admission beta_cell	<i>NLRP2</i>	-0.012693564	0.016702283	0.223243719	1

T2DM_admission beta_cell	<i>GP6</i>	-0.017890085	0.00985828	0.190102199	1
T2DM_admission beta_cell	<i>EPS8L1</i>	-0.023255625	0.000648868	0.063879359	1
T2DM_admission beta_cell	<i>ZNF667</i>	-0.004467243	0.018315974	0.227892096	1
T2DM_admission beta_cell	<i>ZNF772</i>	-0.009269613	0.042605126	0.292988558	1
T2DM_admission beta_cell	<i>ZNF211</i>	0.009695824	5.72E-10	2.14E-06	2.14E-06
T2DM_admission beta_cell	<i>ZNF329</i>	0.004008497	0.020962997	0.236212571	1
T2DM_admission beta_cell	<i>RSPO4</i>	-0.050092126	0.015168866	0.216452979	1
T2DM_admission beta_cell	<i>UBOX5</i>	-0.007790715	0.038359551	0.289021612	1
T2DM_admission beta_cell	<i>DDRKG1</i>	-0.0041397	0.00584829	0.147827396	1
T2DM_admission beta_cell	<i>SLC23A2</i>	-0.003474657	0.023156499	0.24501514	1
T2DM_admission beta_cell	<i>LINC00654</i>	-0.035806175	0.009717263	0.189507588	1
T2DM_admission beta_cell	<i>NAPB</i>	-0.003731067	0.038792546	0.289021612	1
T2DM_admission beta_cell	<i>MAPRE1</i>	-0.001506863	0.038412756	0.289021612	1
T2DM_admission beta_cell	<i>MANBAL</i>	-0.001749823	0.017105859	0.225327525	1
T2DM_admission beta_cell	<i>DHX35</i>	-0.008888196	0.038691601	0.289021612	1
T2DM_admission beta_cell	<i>PTPRT</i>	-0.006806541	0.019983629	0.232170047	1
T2DM_admission beta_cell	<i>WFDC3</i>	-0.033815224	0.048843141	0.299411205	1
T2DM_admission beta_cell	<i>DNTTIP1</i>	-0.004469033	0.0079807	0.172879061	1
T2DM_admission beta_cell	<i>NCOA3</i>	0.002053738	0.019220864	0.227892096	1
T2DM_admission beta_cell	<i>ARFGEF2</i>	-0.003807755	0.017025447	0.225060772	1
T2DM_admission beta_cell	<i>KCNG1</i>	-0.012954738	0.003994163	0.12598512	1
T2DM_admission beta_cell	<i>VAPB</i>	-0.002427194	0.001219762	0.076628083	1
T2DM_admission beta_cell	<i>CDH4</i>	-0.038085287	0.020150354	0.233382272	1
T2DM_admission beta_cell	<i>OGFR</i>	-0.003774177	0.012438212	0.207294954	1
T2DM_admission beta_cell	<i>RGS19</i>	-0.011289634	0.030592404	0.266159381	1
T2DM_admission beta_cell	<i>OPRL1</i>	-0.02503487	0.005010513	0.138539015	1
T2DM_admission beta_cell	<i>IFNAR2</i>	-0.002519866	0.019310825	0.227892096	1
T2DM_admission beta_cell	<i>BRWD1</i>	-0.002204263	0.000264573	0.0449895	0.989768998
T2DM_admission beta_cell	<i>HMGNI</i>	-0.000983552	0.000486882	0.058755717	1
T2DM_admission beta_cell	<i>LCA5L</i>	-0.007561289	0.024963782	0.247062588	1
T2DM_admission beta_cell	<i>PRDM15</i>	-0.01730754	0.045680193	0.298949398	1
T2DM_admission beta_cell	<i>NDUFV3</i>	-0.002080461	0.008053067	0.172879061	1
T2DM_admission beta_cell	<i>PDXK</i>	-0.00204245	0.039787792	0.289021612	1
T2DM_admission beta_cell	<i>ICOSLG</i>	-0.008909868	0.035402628	0.282822874	1
T2DM_admission beta_cell	<i>PCBP3</i>	0.004224376	0.048517111	0.299411205	1
T2DM_admission beta_cell	<i>LSS</i>	-0.005024129	0.025771472	0.249620818	1
T2DM_admission beta_cell	<i>MCM3AP</i>	-0.003070307	0.040836182	0.290987986	1
T2DM_admission beta_cell	<i>IL17RA</i>	-0.005365784	0.032836778	0.273765411	1
T2DM_admission beta_cell	<i>SLC25A1</i>	-0.004888484	0.001350274	0.077011162	1
T2DM_admission beta_cell	<i>ZNF74</i>	-0.012534534	0.021891161	0.241001151	1
T2DM_admission beta_cell	<i>PI4KA</i>	-0.004232413	0.028340942	0.259226069	1
T2DM_admission beta_cell	<i>SUSD2</i>	-0.006710415	0.016189769	0.22247367	1
T2DM_admission beta_cell	<i>XBPI</i>	-0.001371489	0.035210044	0.282662609	1
T2DM_admission beta_cell	<i>APOL4</i>	-0.02230667	0.001912523	0.092918805	1
T2DM_admission beta_cell	<i>FAM83F</i>	-0.003258867	0.002441032	0.107256859	1
T2DM_admission beta_cell	<i>TBC1D22A</i>	-0.003211928	0.019144377	0.227892096	1
T2DM_admission beta_cell	<i>MIOX</i>	-0.01630288	0.01311921	0.208846662	1
T2DM_admission delta_cell	<i>LINC00115</i>	-0.00792667	0.001213162	0.09522629	1
T2DM_admission delta_cell	<i>NOC2L</i>	-0.001940512	0.02458741	0.265842488	1
T2DM_admission delta_cell	<i>PGD</i>	-0.003504112	0.042592524	0.334043256	1
T2DM_admission delta_cell	<i>MTHFR</i>	-0.004940886	0.003075207	0.123702687	1
T2DM_admission delta_cell	<i>NECAP2</i>	0.002594889	0.004205873	0.144350185	1
T2DM_admission delta_cell	<i>KLHDC7A</i>	-0.012694574	0.030816047	0.288327908	1
T2DM_admission delta_cell	<i>EMCI</i>	-0.004392382	0.006637496	0.162049729	1
T2DM_admission delta_cell	<i>KDM1A</i>	-0.005006061	2.30E-06	0.008601879	0.008601879
T2DM_admission delta_cell	<i>NCMAP</i>	-0.011107895	0.000902932	0.084446705	1

T2DM_admission_delta_cell	<i>RHD</i>	-0.028959911	0.025198326	0.267152183	1
T2DM_admission_delta_cell	<i>LDLRAP1</i>	-0.00225913	0.021602162	0.25736279	1
T2DM_admission_delta_cell	<i>SFN</i>	-0.010818535	0.031152048	0.289180676	1
T2DM_admission_delta_cell	<i>SLC9A1</i>	-0.005904774	0.018993062	0.242834576	1
T2DM_admission_delta_cell	<i>BMP8B</i>	-0.006771518	0.038315583	0.31566024	1
T2DM_admission_delta_cell	<i>MYCL</i>	-0.007971111	0.002285765	0.106745153	1
T2DM_admission_delta_cell	<i>COL9A2</i>	-0.003923231	0.001374169	0.09522629	1
T2DM_admission_delta_cell	<i>HYI</i>	-0.004000297	0.020289612	0.248863727	1
T2DM_admission_delta_cell	<i>TESK2</i>	-0.00709514	0.032313114	0.291850972	1
T2DM_admission_delta_cell	<i>POMGNT1</i>	-0.005926556	0.015137242	0.231564763	1
T2DM_admission_delta_cell	<i>TTC4</i>	0.004927643	6.39E-05	0.030049095	0.238882565
T2DM_admission_delta_cell	<i>TNNI3K</i>	-0.031996186	0.001242054	0.09522629	1
T2DM_admission_delta_cell	<i>FUBP1</i>	-0.001789319	0.036431135	0.309045074	1
T2DM_admission_delta_cell	<i>GNG5</i>	-0.00072221	0.045498886	0.345256252	1
T2DM_admission_delta_cell	<i>RBMXL1</i>	-0.004479623	0.018228324	0.242834576	1
T2DM_admission_delta_cell	<i>LRRC39</i>	-0.014439988	0.000290388	0.067772762	1
T2DM_admission_delta_cell	<i>RTCA</i>	0.002593055	0.016396713	0.236303225	1
T2DM_admission_delta_cell	<i>SLC25A24</i>	-0.002297893	0.042204046	0.332362904	1
T2DM_admission_delta_cell	<i>MTMR11</i>	-0.011382698	0.028488062	0.278989113	1
T2DM_admission_delta_cell	<i>DENND4B</i>	-0.005039203	0.047756724	0.348681771	1
T2DM_admission_delta_cell	<i>CCT3</i>	-0.001801354	0.001925967	0.104596941	1
T2DM_admission_delta_cell	<i>CD84</i>	-0.010932108	0.027718669	0.276291445	1
T2DM_admission_delta_cell	<i>ALDH9A1</i>	-0.003576203	0.001494877	0.098111122	1
T2DM_admission_delta_cell	<i>ATPIB1</i>	-0.000592111	0.049870398	0.353077412	1
T2DM_admission_delta_cell	<i>NME7</i>	-0.00458207	0.014410847	0.223697007	1
T2DM_admission_delta_cell	<i>Clorf112</i>	-0.009933815	0.029609727	0.283847525	1
T2DM_admission_delta_cell	<i>METTL18</i>	-0.008239281	0.016747041	0.237776199	1
T2DM_admission_delta_cell	<i>GORAB</i>	-0.003921675	0.016115229	0.236303225	1
T2DM_admission_delta_cell	<i>RABGAP1L</i>	-0.001682537	0.032302192	0.291850972	1
T2DM_admission_delta_cell	<i>MRPS14</i>	-0.009009102	0.002160242	0.106745153	1
T2DM_admission_delta_cell	<i>ANGPTL1</i>	-0.011871149	0.001374558	0.09522629	1
T2DM_admission_delta_cell	<i>MARK1</i>	-0.004347183	0.027355884	0.275103128	1
T2DM_admission_delta_cell	<i>SRP9</i>	-0.001514712	0.004573856	0.146808706	1
T2DM_admission_delta_cell	<i>EFCAB2</i>	-0.00660954	0.011747599	0.200841882	1
T2DM_admission_delta_cell	<i>CPSF3</i>	-0.009381909	0.001475356	0.098111122	1
T2DM_admission_delta_cell	<i>TTC32</i>	-0.001049813	0.039766732	0.320165245	1
T2DM_admission_delta_cell	<i>ATRAID</i>	-0.000821032	0.048000832	0.348681771	1
T2DM_admission_delta_cell	<i>PLEKHH2</i>	-0.004592413	0.018355062	0.242834576	1
T2DM_admission_delta_cell	<i>ACYP2</i>	-0.002136942	0.020601857	0.251867799	1
T2DM_admission_delta_cell	<i>RTN4</i>	0.000782603	8.19E-05	0.030655969	0.306559694
T2DM_admission_delta_cell	<i>AFTPH</i>	-0.001554279	0.035777507	0.307023048	1
T2DM_admission_delta_cell	<i>TPRKB</i>	-0.00197896	0.015350992	0.231564763	1
T2DM_admission_delta_cell	<i>LBX2</i>	-0.016695145	0.028195896	0.276986076	1
T2DM_admission_delta_cell	<i>ITPRIPL1</i>	-0.027648586	0.000237533	0.063472106	0.88860948
T2DM_admission_delta_cell	<i>CNNM4</i>	-0.008190084	0.019587027	0.246135125	1
T2DM_admission_delta_cell	<i>LYGI</i>	-0.024082247	0.000304854	0.067772762	1
T2DM_admission_delta_cell	<i>POLR1B</i>	0.003778871	0.038561008	0.31566024	1
T2DM_admission_delta_cell	<i>MAP3K2</i>	0.000691649	0.02231572	0.257383268	1
T2DM_admission_delta_cell	<i>CCDC115</i>	-0.003553759	0.007011885	0.166021907	1
T2DM_admission_delta_cell	<i>ACVR2A</i>	-0.003531762	0.014212272	0.222618437	1
T2DM_admission_delta_cell	<i>CERS6</i>	-0.00294343	0.02565611	0.267152183	1
T2DM_admission_delta_cell	<i>SPC25</i>	-0.008094325	0.002527226	0.110967682	1
T2DM_admission_delta_cell	<i>FASTKD1</i>	-0.006955807	0.002510628	0.110967682	1
T2DM_admission_delta_cell	<i>FTCDNL1</i>	-0.027405625	0.015328802	0.231564763	1
T2DM_admission_delta_cell	<i>CASP10</i>	-0.009832183	0.039881584	0.320165245	1
T2DM_admission_delta_cell	<i>FAM117B</i>	-0.006923611	0.017153261	0.239441601	1

T2DM_admission_delta_cell	<i>SMARCAL1</i>	-0.006755226	0.00940478	0.18888807	1
T2DM_admission_delta_cell	<i>MFF</i>	-0.001441529	0.016989312	0.238041253	1
T2DM_admission_delta_cell	<i>ARMC9</i>	-0.002262758	0.043260507	0.335067405	1
T2DM_admission_delta_cell	<i>TIGD1</i>	-0.006588877	0.01583129	0.23531899	1
T2DM_admission_delta_cell	<i>ANO7</i>	-0.027119151	0.00725286	0.167740699	1
T2DM_admission_delta_cell	<i>CNTN4</i>	-0.013944468	0.000658543	0.072459107	1
T2DM_admission_delta_cell	<i>LRRN1</i>	0.019308308	0.008340315	0.183535981	1
T2DM_admission_delta_cell	<i>BRK1</i>	-0.001380517	0.0220866	0.257383268	1
T2DM_admission_delta_cell	<i>TATDN2</i>	-0.003903099	0.031395367	0.290391293	1
T2DM_admission_delta_cell	<i>CTDSPL</i>	-0.001617928	0.04080705	0.32490652	1
T2DM_admission_delta_cell	<i>VILL</i>	-0.022731836	0.020231152	0.248863727	1
T2DM_admission_delta_cell	<i>POMGNT2</i>	-0.008934928	0.001166166	0.09522629	1
T2DM_admission_delta_cell	<i>ZNF660</i>	-0.008350546	0.023068093	0.259152354	1
T2DM_admission_delta_cell	<i>EXOSC7</i>	-0.005222423	0.016385312	0.236303225	1
T2DM_admission_delta_cell	<i>ALS2CL</i>	-0.009554841	0.030983111	0.288327908	1
T2DM_admission_delta_cell	<i>NCKIPSD</i>	-0.006834845	0.004318249	0.146280734	1
T2DM_admission_delta_cell	<i>ARIH2</i>	-0.002534614	0.005544954	0.152793623	1
T2DM_admission_delta_cell	<i>P4HTM</i>	-0.001738436	0.007804155	0.174822427	1
T2DM_admission_delta_cell	<i>DALRD3</i>	-0.00625386	0.028830645	0.28014401	1
T2DM_admission_delta_cell	<i>AMT</i>	-0.007710558	0.022239346	0.257383268	1
T2DM_admission_delta_cell	<i>HYAL3</i>	-0.016858839	0.011678013	0.200841882	1
T2DM_admission_delta_cell	<i>PXK</i>	-0.003020146	0.026396802	0.269074762	1
T2DM_admission_delta_cell	<i>EBLN2</i>	-0.006792008	0.047900984	0.348681771	1
T2DM_admission_delta_cell	<i>CGGBP1</i>	0.000886396	0.039145141	0.317661548	1
T2DM_admission_delta_cell	<i>ATP6V1A</i>	-0.004131744	0.002053169	0.106679216	1
T2DM_admission_delta_cell	<i>HSPBAP1</i>	-0.00626797	0.036261277	0.308303264	1
T2DM_admission_delta_cell	<i>KALRN</i>	-0.01183176	0.005018096	0.151971043	1
T2DM_admission_delta_cell	<i>SLC41A3</i>	0.002178443	0.017479338	0.240405157	1
T2DM_admission_delta_cell	<i>IFT122</i>	-0.004634174	0.048960366	0.351163283	1
T2DM_admission_delta_cell	<i>ASTE1</i>	-0.007643419	0.01894264	0.242834576	1
T2DM_admission_delta_cell	<i>ANAPC13</i>	-0.001691259	0.034281601	0.301758755	1
T2DM_admission_delta_cell	<i>RBP1</i>	-0.000758501	0.004536835	0.146808706	1
T2DM_admission_delta_cell	<i>CHST2</i>	-0.004704969	0.021455325	0.25736279	1
T2DM_admission_delta_cell	<i>PLCH1</i>	-0.014592827	0.003797683	0.136607028	1
T2DM_admission_delta_cell	<i>MRPL47</i>	0.001072444	0.023375997	0.260808478	1
T2DM_admission_delta_cell	<i>VPS8</i>	-0.006534372	0.035741237	0.307023048	1
T2DM_admission_delta_cell	<i>LSG1</i>	0.004015722	0.012448583	0.207902445	1
T2DM_admission_delta_cell	<i>CPLX1</i>	-0.005620848	0.033784043	0.300059163	1
T2DM_admission_delta_cell	<i>GAK</i>	-0.003325509	0.032372919	0.291850972	1
T2DM_admission_delta_cell	<i>SLC26A1</i>	-0.03127386	0.019032119	0.242834576	1
T2DM_admission_delta_cell	<i>DOK7</i>	0.017471926	0.005929266	0.156556562	1
T2DM_admission_delta_cell	<i>DCAF16</i>	0.001312559	0.043603717	0.335640961	1
T2DM_admission_delta_cell	<i>ANAPC4</i>	-0.012483078	5.20E-06	0.009719374	0.019438749
T2DM_admission_delta_cell	<i>RPL9</i>	-0.000225891	0.047527491	0.348681771	1
T2DM_admission_delta_cell	<i>NSUN7</i>	0.00484602	0.036056045	0.307958142	1
T2DM_admission_delta_cell	<i>GNPDA2</i>	0.003563448	0.006784566	0.163748792	1
T2DM_admission_delta_cell	<i>OCIAD1</i>	-0.001618473	0.016128341	0.236303225	1
T2DM_admission_delta_cell	<i>SRD5A3</i>	-0.006640512	2.19E-05	0.025075439	0.081835716
T2DM_admission_delta_cell	<i>AASDH</i>	-0.004201769	0.018724039	0.242834576	1
T2DM_admission_delta_cell	<i>ARL9</i>	-0.00747939	0.038258164	0.31566024	1
T2DM_admission_delta_cell	<i>GNRHR</i>	-0.038985518	0.04422781	0.337665787	1
T2DM_admission_delta_cell	<i>CXCL11</i>	-0.045766719	0.004021974	0.141945333	1
T2DM_admission_delta_cell	<i>NUP54</i>	-0.003508808	0.025087112	0.267152183	1
T2DM_admission_delta_cell	<i>ANXA3</i>	-0.005083007	0.007391677	0.169346538	1
T2DM_admission_delta_cell	<i>PPA2</i>	-0.003062916	0.009522747	0.18888807	1
T2DM_admission_delta_cell	<i>APIAR</i>	-0.002835223	0.017641834	0.241207924	1

T2DM_admission delta_cell	<i>TIFA</i>	-0.007740526	0.000197004	0.061415998	0.736991973
T2DM_admission delta_cell	<i>ZNF827</i>	-0.004009199	0.033704178	0.300059163	1
T2DM_admission delta_cell	<i>RXFP1</i>	-0.049304287	0.002172912	0.106745153	1
T2DM_admission delta_cell	<i>AADAT</i>	-0.01112089	0.021610814	0.25736279	1
T2DM_admission delta_cell	<i>SAP30</i>	-0.002858491	0.009767642	0.189629905	1
T2DM_admission delta_cell	<i>WDR17</i>	-0.009542924	0.013404085	0.216140877	1
T2DM_admission delta_cell	<i>PDLIM3</i>	-0.00268093	0.034622882	0.302649345	1
T2DM_admission delta_cell	<i>FAM149A</i>	-0.004781034	0.048659957	0.351163283	1
T2DM_admission delta_cell	<i>PDCD6</i>	-0.001981881	0.018687017	0.242834576	1
T2DM_admission delta_cell	<i>ZDHHC11B</i>	-0.017942038	0.045862648	0.346610433	1
T2DM_admission delta_cell	<i>ZDHHC11</i>	-0.010520967	0.022497816	0.257383268	1
T2DM_admission delta_cell	<i>DNAH5</i>	0.007737267	0.010885382	0.196544725	1
T2DM_admission delta_cell	<i>GOLPH3</i>	-0.001583235	0.028206964	0.276986076	1
T2DM_admission delta_cell	<i>SPEF2</i>	-0.008537538	0.047138217	0.348681771	1
T2DM_admission delta_cell	<i>NNT</i>	0.002370848	0.033931439	0.300088687	1
T2DM_admission delta_cell	<i>MAP1B</i>	0.000518135	0.021275155	0.25736279	1
T2DM_admission delta_cell	<i>POC5</i>	-0.003457111	0.016724393	0.237776199	1
T2DM_admission delta_cell	<i>IQGAP2</i>	-0.010974684	0.001226333	0.09522629	1
T2DM_admission delta_cell	<i>DHFR</i>	-0.009254513	0.022441034	0.257383268	1
T2DM_admission delta_cell	<i>NUDT12</i>	-0.002565656	0.047930121	0.348681771	1
T2DM_admission delta_cell	<i>REEP5</i>	-0.000972623	0.000328633	0.067772762	1
T2DM_admission delta_cell	<i>DCP2</i>	-0.003945587	0.019085124	0.242834576	1
T2DM_admission delta_cell	<i>HINT1</i>	-0.000349452	0.011008695	0.196569136	1
T2DM_admission delta_cell	<i>SMAD5</i>	-0.00102886	0.00726363	0.167740699	1
T2DM_admission delta_cell	<i>PCDHB11</i>	0.006073474	0.005573984	0.152793623	1
T2DM_admission delta_cell	<i>GALNT10</i>	0.006864052	0.00040663	0.067772762	1
T2DM_admission delta_cell	<i>SLU7</i>	0.001029282	0.021951681	0.257383268	1
T2DM_admission delta_cell	<i>F12</i>	0.009119553	0.016578428	0.237624129	1
T2DM_admission delta_cell	<i>FAM153A</i>	0.026619374	0.00052537	0.067772762	1
T2DM_admission delta_cell	<i>ZNF879</i>	-0.007542416	0.049758687	0.353077412	1
T2DM_admission delta_cell	<i>RNF130</i>	-0.003973977	0.010137926	0.189629905	1
T2DM_admission delta_cell	<i>BTNL3</i>	-0.054948	0.011640365	0.200841882	1
T2DM_admission delta_cell	<i>KIAA0319</i>	-0.009639717	0.010848882	0.196544725	1
T2DM_admission delta_cell	<i>SCGN</i>	-0.000924377	0.049095612	0.351179132	1
T2DM_admission delta_cell	<i>TRIM38</i>	-0.00461074	0.03082745	0.288327908	1
T2DM_admission delta_cell	<i>ZFP57</i>	-0.019750902	0.004886692	0.151971043	1
T2DM_admission delta_cell	<i>RNF39</i>	-0.017482974	0.002332418	0.106745153	1
T2DM_admission delta_cell	<i>VAR52</i>	0.00850878	0.0086667	0.18633404	1
T2DM_admission delta_cell	<i>CCHCR1</i>	-0.014056581	0.002598688	0.110967682	1
T2DM_admission delta_cell	<i>C4B</i>	-0.047972111	0.013856613	0.218935776	1
T2DM_admission delta_cell	<i>PPT2</i>	-0.013042023	0.003569273	0.133526487	1
T2DM_admission delta_cell	<i>HLA-DQB2</i>	-0.049221785	0.00502667	0.151971043	1
T2DM_admission delta_cell	<i>HLA-DOB</i>	-0.043670073	0.023655661	0.26181695	1
T2DM_admission delta_cell	<i>HLA-DMB</i>	-0.006061299	0.04873056	0.351163283	1
T2DM_admission delta_cell	<i>HLA-DOA</i>	-0.02575286	0.03092536	0.288327908	1
T2DM_admission delta_cell	<i>UNC5CL</i>	-0.004886673	0.043927235	0.336056822	1
T2DM_admission delta_cell	<i>PEX6</i>	-0.005482923	0.029646809	0.283847525	1
T2DM_admission delta_cell	<i>ENPP5</i>	-0.005131403	0.016423106	0.236303225	1
T2DM_admission delta_cell	<i>KIAA1586</i>	-0.00471292	0.03703328	0.311329211	1
T2DM_admission delta_cell	<i>LMBRD1</i>	-0.002841329	0.024225666	0.26497852	1
T2DM_admission delta_cell	<i>B3GAT2</i>	-0.00980942	0.001950894	0.104596941	1
T2DM_admission delta_cell	<i>OGFRL1</i>	-0.004073489	0.013826261	0.218935776	1
T2DM_admission delta_cell	<i>SLC17A5</i>	-0.00220148	0.004127576	0.144190046	1
T2DM_admission delta_cell	<i>IRAK1BPI</i>	0.004645607	0.006670852	0.162049729	1
T2DM_admission delta_cell	<i>BCKDHB</i>	-0.005028911	0.005318951	0.152793623	1
T2DM_admission delta_cell	<i>SRSF12</i>	-0.008363027	0.021119675	0.256521766	1

T2DM_admission_delta_cell	<i>FAXC</i>	-0.006807297	0.027238554	0.274661538	1
T2DM_admission_delta_cell	<i>FRK</i>	-0.003207898	0.035864494	0.307023048	1
T2DM_admission_delta_cell	<i>SMPDL3A</i>	-0.002748176	0.002339776	0.106745153	1
T2DM_admission_delta_cell	<i>EPM2A</i>	-0.00899643	0.028756844	0.28014401	1
T2DM_admission_delta_cell	<i>PLEKHG1</i>	-0.007142309	0.001975386	0.104596941	1
T2DM_admission_delta_cell	<i>DYNLT1</i>	-0.001211588	0.028209488	0.276986076	1
T2DM_admission_delta_cell	<i>TMEM184A</i>	-0.007584387	0.005384268	0.152793623	1
T2DM_admission_delta_cell	<i>CARD11</i>	-0.009003051	0.002692177	0.113162189	1
T2DM_admission_delta_cell	<i>PMS2</i>	-0.003702899	0.041470099	0.328685675	1
T2DM_admission_delta_cell	<i>C1GALT1</i>	-0.002131208	0.021970764	0.257383268	1
T2DM_admission_delta_cell	<i>JAZF1</i>	-0.005284375	0.004476747	0.146808706	1
T2DM_admission_delta_cell	<i>CRHR2</i>	0.022061898	0.013563107	0.216835832	1
T2DM_admission_delta_cell	<i>EPDR1</i>	0.006533803	0.046270691	0.346891096	1
T2DM_admission_delta_cell	<i>BLVRA</i>	-0.001598211	0.026129873	0.267813297	1
T2DM_admission_delta_cell	<i>DBNL</i>	-0.00575203	0.000587167	0.068643444	1
T2DM_admission_delta_cell	<i>ASL</i>	-0.011392255	3.35E-05	0.025075439	0.125377197
T2DM_admission_delta_cell	<i>LIMK1</i>	-0.011690513	0.012862161	0.212908603	1
T2DM_admission_delta_cell	<i>GTF2IRD2</i>	-0.002532732	0.026921943	0.272940347	1
T2DM_admission_delta_cell	<i>UPK3B</i>	-0.037349185	0.00921222	0.18888807	1
T2DM_admission_delta_cell	<i>GSAP</i>	-0.008547861	0.025922043	0.267152183	1
T2DM_admission_delta_cell	<i>PON1</i>	-0.011185818	0.001412794	0.09609566	1
T2DM_admission_delta_cell	<i>ASB4</i>	-0.019396529	0.001853157	0.104596941	1
T2DM_admission_delta_cell	<i>TFR2</i>	-0.040971616	0.001638213	0.103873805	1
T2DM_admission_delta_cell	<i>PRKRIP1</i>	-0.004492357	0.01527708	0.231564763	1
T2DM_admission_delta_cell	<i>PNPLA8</i>	-0.001716463	0.032350524	0.291850972	1
T2DM_admission_delta_cell	<i>TES</i>	-0.002868705	0.010046343	0.189629905	1
T2DM_admission_delta_cell	<i>FAM3C</i>	-0.002468426	0.026658576	0.271004705	1
T2DM_admission_delta_cell	<i>TSPAN33</i>	-0.005354725	0.006859814	0.164503614	1
T2DM_admission_delta_cell	<i>SLC35B4</i>	-0.004734135	0.03370361	0.300059163	1
T2DM_admission_delta_cell	<i>REPIN1</i>	-0.0014776	0.038740169	0.315745037	1
T2DM_admission_delta_cell	<i>GIMAP6</i>	-0.004714299	0.011078921	0.196569136	1
T2DM_admission_delta_cell	<i>RHEB</i>	-0.001075613	0.018720016	0.242834576	1
T2DM_admission_delta_cell	<i>NCAPG2</i>	-0.020232359	0.009298859	0.18888807	1
T2DM_admission_delta_cell	<i>BLK</i>	-0.041984323	0.015422904	0.231715201	1
T2DM_admission_delta_cell	<i>PCMI</i>	-0.001511751	0.006190671	0.158625347	1
T2DM_admission_delta_cell	<i>FGF17</i>	-0.031463131	0.009582262	0.18888807	1
T2DM_admission_delta_cell	<i>C8orf58</i>	0.005193247	0.028744532	0.28014401	1
T2DM_admission_delta_cell	<i>BIN3</i>	0.002901226	0.019336451	0.244384003	1
T2DM_admission_delta_cell	<i>TNFRSF10D</i>	0.008306854	0.004340327	0.146280734	1
T2DM_admission_delta_cell	<i>ESCO2</i>	0.018091613	0.023251746	0.260433481	1
T2DM_admission_delta_cell	<i>LYN</i>	-0.003555804	0.034249957	0.301758755	1
T2DM_admission_delta_cell	<i>TMEM70</i>	-0.002771037	0.031515334	0.290391293	1
T2DM_admission_delta_cell	<i>PEX2</i>	0.002449787	0.000555709	0.068643444	1
T2DM_admission_delta_cell	<i>SNX16</i>	-0.011193698	0.004651489	0.147467968	1
T2DM_admission_delta_cell	<i>LRRCC1</i>	-0.006443362	0.027812824	0.276291445	1
T2DM_admission_delta_cell	<i>ESRP1</i>	-0.00259695	0.034788372	0.302649345	1
T2DM_admission_delta_cell	<i>INTS8</i>	0.003603827	0.023494375	0.260808478	1
T2DM_admission_delta_cell	<i>SDC2</i>	-0.001788188	0.021675907	0.25736279	1
T2DM_admission_delta_cell	<i>TSPYL5</i>	-0.005301865	0.012117929	0.204203487	1
T2DM_admission_delta_cell	<i>YWHAZ</i>	0.000938252	0.047035239	0.348681771	1
T2DM_admission_delta_cell	<i>LRP12</i>	-0.004662113	0.049348032	0.352311045	1
T2DM_admission_delta_cell	<i>SAMD12</i>	-0.003819282	0.025190451	0.267152183	1
T2DM_admission_delta_cell	<i>ASAP1</i>	-0.003338706	0.022266832	0.257383268	1
T2DM_admission_delta_cell	<i>TSNARE1</i>	-0.013329976	0.031967335	0.291850972	1
T2DM_admission_delta_cell	<i>TOP1MT</i>	-0.007818288	0.036848186	0.310470866	1
T2DM_admission_delta_cell	<i>GSDMD</i>	-0.006561535	0.005581495	0.152793623	1

T2DM_admission_delta_cell	<i>EPPK1</i>	-0.010441465	0.006170088	0.158625347	1
T2DM_admission_delta_cell	<i>VPS28</i>	-0.001879349	0.030694765	0.288327908	1
T2DM_admission_delta_cell	<i>FOCAD</i>	-0.005061991	0.038464924	0.31566024	1
T2DM_admission_delta_cell	<i>APTX</i>	-0.003680359	0.025280703	0.267152183	1
T2DM_admission_delta_cell	<i>GRHPR</i>	-0.00194937	0.01293221	0.213125105	1
T2DM_admission_delta_cell	<i>FBXO10</i>	-0.008483765	0.043213087	0.335067405	1
T2DM_admission_delta_cell	<i>ANKRD18A</i>	-0.014587516	0.007571703	0.171671159	1
T2DM_admission_delta_cell	<i>PCSK5</i>	-0.005938776	0.037514157	0.313960765	1
T2DM_admission_delta_cell	<i>CDK20</i>	-0.005888759	0.043567283	0.335640961	1
T2DM_admission_delta_cell	<i>INVS</i>	0.006289801	0.010336227	0.190481902	1
T2DM_admission_delta_cell	<i>GNG10</i>	-0.00120154	0.011910028	0.201608215	1
T2DM_admission_delta_cell	<i>BSPRY</i>	-0.004411718	0.005477483	0.152793623	1
T2DM_admission_delta_cell	<i>PSMD5</i>	-0.004508371	0.042246578	0.332362904	1
T2DM_admission_delta_cell	<i>C5</i>	-0.018330524	0.003866185	0.13774666	1
T2DM_admission_delta_cell	<i>RABGAP1</i>	-0.00457902	0.007712178	0.173802764	1
T2DM_admission_delta_cell	<i>OLFML2A</i>	-0.011397006	0.011816036	0.200926315	1
T2DM_admission_delta_cell	<i>ZNF79</i>	-0.014272809	0.013870029	0.218935776	1
T2DM_admission_delta_cell	<i>SARDH</i>	-0.024764605	0.025514575	0.267152183	1
T2DM_admission_delta_cell	<i>SEC16A</i>	-0.003486992	0.015061309	0.231564763	1
T2DM_admission_delta_cell	<i>AKR1C2</i>	0.005405633	0.043903798	0.336056822	1
T2DM_admission_delta_cell	<i>CAMK1D</i>	-0.015296164	0.001331906	0.09522629	1
T2DM_admission_delta_cell	<i>RSU1</i>	-0.003091098	0.005129896	0.152309062	1
T2DM_admission_delta_cell	<i>MRC1</i>	-0.009324329	0.004162664	0.144190046	1
T2DM_admission_delta_cell	<i>MASTL</i>	-0.006685169	0.01686172	0.238036578	1
T2DM_admission_delta_cell	<i>ARHGAP12</i>	-0.004065079	0.003534412	0.133526487	1
T2DM_admission_delta_cell	<i>CSGALNACT2</i>	0.001929462	0.029077192	0.28180771	1
T2DM_admission_delta_cell	<i>ALOX5</i>	0.004960583	0.01846527	0.242834576	1
T2DM_admission_delta_cell	<i>AGAP4</i>	-0.012971801	4.71E-05	0.029347252	0.176083511
T2DM_admission_delta_cell	<i>AGAP9</i>	-0.006559472	0.022467414	0.257383268	1
T2DM_admission_delta_cell	<i>C10orf71</i>	-0.042597191	0.022615108	0.257936334	1
T2DM_admission_delta_cell	<i>SGPL1</i>	0.003124525	0.000727341	0.075582853	1
T2DM_admission_delta_cell	<i>ADK</i>	-0.002775776	0.019606594	0.246135125	1
T2DM_admission_delta_cell	<i>VDAC2</i>	-0.001495074	0.007263831	0.167740699	1
T2DM_admission_delta_cell	<i>DLG5</i>	-0.002119111	0.024329068	0.26497852	1
T2DM_admission_delta_cell	<i>PTEN</i>	0.001495444	0.000499673	0.067772762	1
T2DM_admission_delta_cell	<i>LIPM</i>	-0.003658222	0.046486662	0.34719396	1
T2DM_admission_delta_cell	<i>LIPA</i>	-0.003480066	0.000217071	0.062466266	0.81206146
T2DM_admission_delta_cell	<i>FRA10AC1</i>	0.001677037	0.037151293	0.311621051	1
T2DM_admission_delta_cell	<i>SLC35G1</i>	-0.005479029	0.046496705	0.34719396	1
T2DM_admission_delta_cell	<i>LCOR</i>	-0.003246761	0.009223209	0.18888807	1
T2DM_admission_delta_cell	<i>MARVELD1</i>	-0.005848088	0.023856011	0.261869954	1
T2DM_admission_delta_cell	<i>SEMA4G</i>	0.010048992	0.001333695	0.09522629	1
T2DM_admission_delta_cell	<i>RBM20</i>	-0.027893366	0.030113875	0.286656505	1
T2DM_admission_delta_cell	<i>OAT</i>	-0.001745891	0.030201044	0.286756617	1
T2DM_admission_delta_cell	<i>BNIP3</i>	-0.001813349	0.033635235	0.300059163	1
T2DM_admission_delta_cell	<i>PWWP2B</i>	-0.008277688	0.004886308	0.151971043	1
T2DM_admission_delta_cell	<i>BET1L</i>	-0.003480773	0.000360848	0.067772762	1
T2DM_admission_delta_cell	<i>NLRP6</i>	-0.048441379	0.018642705	0.242834576	1
T2DM_admission_delta_cell	<i>IFITM5</i>	-0.046585978	0.021733522	0.25736279	1
T2DM_admission_delta_cell	<i>B4GALNT4</i>	-0.015319636	0.001172296	0.09522629	1
T2DM_admission_delta_cell	<i>TMEM80</i>	-0.005280604	0.023447894	0.260808478	1
T2DM_admission_delta_cell	<i>CD151</i>	-0.001345794	0.005953591	0.156556562	1
T2DM_admission_delta_cell	<i>TSPAN4</i>	-0.005216641	0.035579165	0.307023048	1
T2DM_admission_delta_cell	<i>OSBPL5</i>	-0.01566478	0.012998783	0.213278499	1
T2DM_admission_delta_cell	<i>ZNF195</i>	-0.00376347	0.009451061	0.18888807	1
T2DM_admission_delta_cell	<i>EIF3F</i>	-0.00129702	0.014380271	0.223697007	1

T2DM_admission delta_cell	<i>STK33</i>	-0.006549382	0.009857989	0.189629905	1
T2DM_admission delta_cell	<i>ZNF143</i>	-0.008060761	0.002229132	0.106745153	1
T2DM_admission delta_cell	<i>MUC15</i>	-0.019474509	0.017412422	0.240405157	1
T2DM_admission delta_cell	<i>LMO2</i>	-0.002086502	0.048420742	0.350699885	1
T2DM_admission delta_cell	<i>FAM180B</i>	-0.041985761	0.024428499	0.26497852	1
T2DM_admission delta_cell	<i>TIMM10</i>	-0.00301355	0.023725193	0.26181695	1
T2DM_admission delta_cell	<i>MS4A14</i>	-0.042768985	0.002588229	0.110967682	1
T2DM_admission delta_cell	<i>NAA40</i>	-0.005256017	0.001342683	0.09522629	1
T2DM_admission delta_cell	<i>EHBP1L1</i>	-0.007667663	0.00444424	0.146808706	1
T2DM_admission delta_cell	<i>GAL3ST3</i>	-0.036422752	0.011280914	0.197205141	1
T2DM_admission delta_cell	<i>TPCN2</i>	-0.015322325	0.048466143	0.350699885	1
T2DM_admission delta_cell	<i>PPFIA1</i>	-0.003063501	0.040869142	0.32490652	1
T2DM_admission delta_cell	<i>TSKU</i>	-0.004414017	0.046127575	0.346798761	1
T2DM_admission delta_cell	<i>ANKRD42</i>	-0.005204184	0.024709805	0.266112283	1
T2DM_admission delta_cell	<i>KDM4E</i>	-0.034171762	0.023869996	0.261869954	1
T2DM_admission delta_cell	<i>IL18</i>	-0.00716769	0.009146486	0.18888807	1
T2DM_admission delta_cell	<i>BCO2</i>	-0.008475899	0.009240059	0.18888807	1
T2DM_admission delta_cell	<i>TRIM29</i>	-0.024200365	0.025325154	0.267152183	1
T2DM_admission delta_cell	<i>FAM118B</i>	0.016076714	0.003512721	0.133526487	1
T2DM_admission delta_cell	<i>B3GAT1</i>	-0.028826556	0.003786264	0.136607028	1
T2DM_admission delta_cell	<i>TEAD4</i>	-0.004902161	0.016779716	0.237776199	1
T2DM_admission delta_cell	<i>TAS2R31</i>	-0.006362885	0.047800363	0.348681771	1
T2DM_admission delta_cell	<i>TAS2R43</i>	-0.017892905	0.01266296	0.210542811	1
T2DM_admission delta_cell	<i>PYROXD1</i>	-0.002573936	0.029667036	0.283847525	1
T2DM_admission delta_cell	<i>KLHL42</i>	-0.002217805	0.017306865	0.240405157	1
T2DM_admission delta_cell	<i>SLC38A4</i>	-0.009459492	0.001150767	0.09522629	1
T2DM_admission delta_cell	<i>TUBA1C</i>	-0.001276941	0.025540993	0.267152183	1
T2DM_admission delta_cell	<i>DNAJC22</i>	-0.005207174	0.011443695	0.199120297	1
T2DM_admission delta_cell	<i>GALNT6</i>	-0.020269608	0.016224704	0.236303225	1
T2DM_admission delta_cell	<i>EIF4B</i>	-0.001604201	0.022981022	0.258951821	1
T2DM_admission delta_cell	<i>GTSF1</i>	-0.037141811	0.010927908	0.196544725	1
T2DM_admission delta_cell	<i>SARNP</i>	-0.003627915	0.008474281	0.185393489	1
T2DM_admission delta_cell	<i>TSFM</i>	-0.003672462	0.021360027	0.25736279	1
T2DM_admission delta_cell	<i>AVIL</i>	-0.009552075	0.030958932	0.288327908	1
T2DM_admission delta_cell	<i>LRIG3</i>	-0.007110977	0.001370996	0.09522629	1
T2DM_admission delta_cell	<i>HELB</i>	-0.010537979	0.001877053	0.104596941	1
T2DM_admission delta_cell	<i>MDM1</i>	-0.00602767	0.040346259	0.323202047	1
T2DM_admission delta_cell	<i>MYRFL</i>	-0.03532463	0.022684759	0.257944328	1
T2DM_admission delta_cell	<i>USP44</i>	-0.010173891	0.047994256	0.348681771	1
T2DM_admission delta_cell	<i>UTP20</i>	-0.008836497	0.021024854	0.256201888	1
T2DM_admission delta_cell	<i>DTX1</i>	-0.010192847	0.000894232	0.084446705	1
T2DM_admission delta_cell	<i>SIRT4</i>	-0.043253208	6.71E-05	0.030049095	0.251093753
T2DM_admission delta_cell	<i>GATC</i>	-0.004510632	0.038300625	0.31566024	1
T2DM_admission delta_cell	<i>POP5</i>	-0.003566434	0.005095991	0.152309062	1
T2DM_admission delta_cell	<i>DDX55</i>	-0.003006737	0.046165673	0.346798761	1
T2DM_admission delta_cell	<i>SERTM1</i>	-0.003820176	0.021951301	0.257383268	1
T2DM_admission delta_cell	<i>NAA16</i>	-0.002727569	0.045166591	0.343431334	1
T2DM_admission delta_cell	<i>EBPL</i>	-0.002462072	0.013545597	0.216835832	1
T2DM_admission delta_cell	<i>PIBF1</i>	-0.007626843	0.000149719	0.050917979	0.56009777
T2DM_admission delta_cell	<i>TBC1D4</i>	0.004267803	0.04708016	0.348681771	1
T2DM_admission delta_cell	<i>FGF14</i>	-0.002767241	0.009315918	0.18888807	1
T2DM_admission delta_cell	<i>DCUNID2</i>	-0.006331986	0.034693832	0.302649345	1
T2DM_admission delta_cell	<i>METTL17</i>	-0.003243519	0.019949337	0.248150463	1
T2DM_admission delta_cell	<i>PRMT5</i>	-0.008522274	0.03002667	0.286555539	1
T2DM_admission delta_cell	<i>NFATC4</i>	-0.00698143	0.000413296	0.067772762	1
T2DM_admission delta_cell	<i>STXBP6</i>	-0.002291052	0.018935559	0.242834576	1

T2DM_admission_delta_cell	<i>CFL2</i>	0.00281287	0.005037265	0.151971043	1
T2DM_admission_delta_cell	<i>SLC25A21</i>	-0.017007624	0.006568709	0.162049729	1
T2DM_admission_delta_cell	<i>SLC25A21-AS1</i>	-0.008081642	0.00905815	0.18888807	1
T2DM_admission_delta_cell	<i>MIPOL1</i>	-0.006644038	0.009184379	0.18888807	1
T2DM_admission_delta_cell	<i>BMP4</i>	-0.005719501	0.006134897	0.158625347	1
T2DM_admission_delta_cell	<i>DAAMI</i>	-0.002766599	2.74E-05	0.025075439	0.102480003
T2DM_admission_delta_cell	<i>HSPA2</i>	-0.002558994	0.011143275	0.196569136	1
T2DM_admission_delta_cell	<i>SPTB</i>	-0.004640565	0.000437619	0.067772762	1
T2DM_admission_delta_cell	<i>ACOT1</i>	-0.024774038	0.043076732	0.335067405	1
T2DM_admission_delta_cell	<i>NOXRED1</i>	-0.028489778	0.03183603	0.291850972	1
T2DM_admission_delta_cell	<i>KCNK10</i>	-0.021372569	0.017909607	0.242753049	1
T2DM_admission_delta_cell	<i>DDX24</i>	-0.000579892	0.04669857	0.348006672	1
T2DM_admission_delta_cell	<i>IFI27L2</i>	-0.001329966	0.030805825	0.288327908	1
T2DM_admission_delta_cell	<i>BCL11B</i>	-0.012154831	0.009593353	0.18888807	1
T2DM_admission_delta_cell	<i>EML1</i>	-0.004521734	0.000508207	0.067772762	1
T2DM_admission_delta_cell	<i>BAG5</i>	-0.002450627	0.00058599	0.068643444	1
T2DM_admission_delta_cell	<i>PWRN2</i>	-0.061182646	0.049566798	0.353077412	1
T2DM_admission_delta_cell	<i>CHRNA7</i>	-0.00911316	0.016959444	0.238041253	1
T2DM_admission_delta_cell	<i>DISP2</i>	-0.012560931	0.001726609	0.104596941	1
T2DM_admission_delta_cell	<i>IVD</i>	-0.004335596	0.010557149	0.193456818	1
T2DM_admission_delta_cell	<i>CHAC1</i>	-0.012929354	0.000505581	0.067772762	1
T2DM_admission_delta_cell	<i>UBR1</i>	-0.004884279	0.013173512	0.213342461	1
T2DM_admission_delta_cell	<i>LCMT2</i>	-0.012672358	0.015795214	0.23531899	1
T2DM_admission_delta_cell	<i>RAB27A</i>	-0.003131441	0.026349437	0.269074762	1
T2DM_admission_delta_cell	<i>ISLR2</i>	-0.035202714	0.008662041	0.18633404	1
T2DM_admission_delta_cell	<i>AP3B2</i>	-0.010529002	0.008099374	0.179288502	1
T2DM_admission_delta_cell	<i>WDR93</i>	-0.005842091	0.025993957	0.267152183	1
T2DM_admission_delta_cell	<i>MESP2</i>	-0.030488745	0.048999528	0.351163283	1
T2DM_admission_delta_cell	<i>WFIKKNI</i>	-0.013365043	0.000501764	0.067772762	1
T2DM_admission_delta_cell	<i>FAHD1</i>	0.004687802	0.027875127	0.276291445	1
T2DM_admission_delta_cell	<i>TRAF7</i>	-0.005119244	0.005984386	0.156556562	1
T2DM_admission_delta_cell	<i>MLST8</i>	-0.005221412	0.002570003	0.110967682	1
T2DM_admission_delta_cell	<i>MGRN1</i>	-0.003482422	0.006961746	0.165884671	1
T2DM_admission_delta_cell	<i>RMI2</i>	0.031743957	0.003651334	0.135243967	1
T2DM_admission_delta_cell	<i>NP1PA5</i>	-0.021351467	0.027873316	0.276291445	1
T2DM_admission_delta_cell	<i>ACSM1</i>	-0.058786111	0.003361265	0.13098428	1
T2DM_admission_delta_cell	<i>DCTN5</i>	-0.006225866	0.001827105	0.104596941	1
T2DM_admission_delta_cell	<i>SLC5A11</i>	-0.025108239	0.004957424	0.151971043	1
T2DM_admission_delta_cell	<i>LCMT1</i>	-0.003161416	0.008857505	0.18888807	1
T2DM_admission_delta_cell	<i>TUFM</i>	-0.001486206	0.043505706	0.335640961	1
T2DM_admission_delta_cell	<i>NFATC2IP</i>	-0.007380774	0.005411142	0.152793623	1
T2DM_admission_delta_cell	<i>INO80E</i>	-0.004052122	0.011095874	0.196569136	1
T2DM_admission_delta_cell	<i>DOC2A</i>	-0.020595092	0.004591451	0.146808706	1
T2DM_admission_delta_cell	<i>HSD3B7</i>	0.005394812	0.015299402	0.231564763	1
T2DM_admission_delta_cell	<i>STX1B</i>	0.014753046	0.004537065	0.146808706	1
T2DM_admission_delta_cell	<i>SLC5A2</i>	0.017263126	0.003429293	0.132257569	1
T2DM_admission_delta_cell	<i>CBLN1</i>	-0.043172438	0.005747409	0.154683856	1
T2DM_admission_delta_cell	<i>RBL2</i>	-0.002068847	0.033847893	0.300059163	1
T2DM_admission_delta_cell	<i>DOK4</i>	-0.004705591	0.047967077	0.348681771	1
T2DM_admission_delta_cell	<i>CYB5B</i>	-0.002243556	0.009918083	0.189629905	1
T2DM_admission_delta_cell	<i>CLEC18A</i>	-0.018727358	0.006390902	0.161270248	1
T2DM_admission_delta_cell	<i>VAC14</i>	-0.004084239	0.047942884	0.348681771	1
T2DM_admission_delta_cell	<i>PHLPP2</i>	-0.001939328	0.032375876	0.291850972	1
T2DM_admission_delta_cell	<i>TXNL4B</i>	-0.005994156	0.02580103	0.267152183	1
T2DM_admission_delta_cell	<i>GLG1</i>	-0.001303884	0.00559549	0.152793623	1
T2DM_admission_delta_cell	<i>RFWD3</i>	-0.007619524	0.01585148	0.23531899	1

T2DM_admission delta_cell	<i>GCSH</i>	-0.003238348	0.002261827	0.106745153	1
T2DM_admission delta_cell	<i>HSBP1</i>	-0.001885693	0.027709714	0.276291445	1
T2DM_admission delta_cell	<i>VPS9D1</i>	-0.011263317	0.041797058	0.330576735	1
T2DM_admission delta_cell	<i>FANCA</i>	-0.009950266	0.015267302	0.231564763	1
T2DM_admission delta_cell	<i>SPIRE2</i>	-0.008017466	0.01305554	0.213278499	1
T2DM_admission delta_cell	<i>DEF8</i>	-0.001733272	0.000489329	0.067772762	1
T2DM_admission delta_cell	<i>DBNDD1</i>	-0.00670823	0.03781058	0.314331959	1
T2DM_admission delta_cell	<i>RABEP1</i>	-0.004295416	0.017666659	0.241207924	1
T2DM_admission delta_cell	<i>DERL2</i>	-0.001579006	0.025742578	0.267152183	1
T2DM_admission delta_cell	<i>EFNB3</i>	-0.00285812	0.039809564	0.320165245	1
T2DM_admission delta_cell	<i>CNTROB</i>	-0.0130112	0.018559011	0.242834576	1
T2DM_admission delta_cell	<i>TMEM220</i>	-0.004691254	0.001814062	0.104596941	1
T2DM_admission delta_cell	<i>TTC19</i>	-0.001749988	0.002779184	0.114251935	1
T2DM_admission delta_cell	<i>RAI1</i>	-0.004354876	0.000484819	0.067772762	1
T2DM_admission delta_cell	<i>PRPSAP2</i>	-0.003408642	0.000695438	0.074332361	1
T2DM_admission delta_cell	<i>LYRM9</i>	-0.004179809	0.018949504	0.242834576	1
T2DM_admission delta_cell	<i>RHBDL3</i>	-0.017433046	0.019966129	0.248150463	1
T2DM_admission delta_cell	<i>SLFN5</i>	-0.003493657	0.0163911	0.236303225	1
T2DM_admission delta_cell	<i>GGNBP2</i>	-0.002196263	0.03145709	0.290391293	1
T2DM_admission delta_cell	<i>TADA2A</i>	-0.006718978	0.043888472	0.336056822	1
T2DM_admission delta_cell	<i>PGAP3</i>	-0.005921557	0.00122745	0.09522629	1
T2DM_admission delta_cell	<i>NR1D1</i>	-0.003564044	0.017747539	0.24143107	1
T2DM_admission delta_cell	<i>KRT39</i>	-0.043321732	0.02950612	0.283847525	1
T2DM_admission delta_cell	<i>HSPB9</i>	-0.02597511	0.036243408	0.308303264	1
T2DM_admission delta_cell	<i>CNTNAP1</i>	-0.017389282	0.034790912	0.302649345	1
T2DM_admission delta_cell	<i>BECN1</i>	-0.002688466	0.001980813	0.104596941	1
T2DM_admission delta_cell	<i>NMT1</i>	-0.001274519	0.032207579	0.291850972	1
T2DM_admission delta_cell	<i>ACBD4</i>	-0.008399244	0.00373404	0.136607028	1
T2DM_admission delta_cell	<i>TBKBP1</i>	-0.013233913	0.001675563	0.104471369	1
T2DM_admission delta_cell	<i>PRR15L</i>	-0.008697191	0.001985133	0.104596941	1
T2DM_admission delta_cell	<i>HOXB3</i>	-0.010263624	0.010219567	0.189994305	1
T2DM_admission delta_cell	<i>PPM1E</i>	-0.014543797	0.002727421	0.113369815	1
T2DM_admission delta_cell	<i>SMARCD2</i>	-0.004001096	0.043204259	0.335067405	1
T2DM_admission delta_cell	<i>USP36</i>	-0.002050301	0.040567876	0.32428296	1
T2DM_admission delta_cell	<i>MYOM1</i>	-0.009329631	0.020227771	0.248863727	1
T2DM_admission delta_cell	<i>VAPA</i>	-0.000984537	0.025833293	0.267152183	1
T2DM_admission delta_cell	<i>MPPE1</i>	-0.002921986	0.018287918	0.242834576	1
T2DM_admission delta_cell	<i>POTEC</i>	0.017880168	0.045043981	0.343196602	1
T2DM_admission delta_cell	<i>ANKRD30B</i>	0.018632174	0.022952321	0.258951821	1
T2DM_admission delta_cell	<i>NPC1</i>	-0.002022785	0.043251856	0.335067405	1
T2DM_admission delta_cell	<i>MAPRE2</i>	-0.004481919	0.025987037	0.267152183	1
T2DM_admission delta_cell	<i>ZNF24</i>	-0.001527505	0.035852442	0.307023048	1
T2DM_admission delta_cell	<i>SLC14A1</i>	-0.011915118	0.00642322	0.161270248	1
T2DM_admission delta_cell	<i>ME2</i>	-0.005239925	0.001527362	0.098514858	1
T2DM_admission delta_cell	<i>PIGN</i>	-0.00555614	0.00799762	0.178089853	1
T2DM_admission delta_cell	<i>ZNF554</i>	-0.004621479	0.046134282	0.346798761	1
T2DM_admission delta_cell	<i>ZNF555</i>	-0.002892678	0.005543408	0.152793623	1
T2DM_admission delta_cell	<i>ZNF556</i>	-0.018299456	0.001759801	0.104596941	1
T2DM_admission delta_cell	<i>TLE6</i>	-0.018677747	0.027107057	0.274074326	1
T2DM_admission delta_cell	<i>UBXN6</i>	0.002235963	0.009510732	0.18888807	1
T2DM_admission delta_cell	<i>DUS3L</i>	-0.005605365	0.034695363	0.302649345	1
T2DM_admission delta_cell	<i>SLC25A4I</i>	0.032894388	0.016417279	0.236303225	1
T2DM_admission delta_cell	<i>MAN2B1</i>	-0.004634003	0.005746469	0.154683856	1
T2DM_admission delta_cell	<i>CC2D1A</i>	-0.005252266	0.006273283	0.159648651	1
T2DM_admission delta_cell	<i>ZNF333</i>	-0.004546952	0.006597638	0.162049729	1
T2DM_admission delta_cell	<i>ABHD8</i>	-0.004571854	0.009654148	0.189089883	1

T2DM_admission delta_cell	<i>CCDC124</i>	-0.001932106	0.020107558	0.248863727	1
T2DM_admission delta_cell	<i>PIK3R2</i>	-0.003315439	0.036846688	0.310470866	1
T2DM_admission delta_cell	<i>MAU2</i>	-0.003753837	0.027917179	0.276291445	1
T2DM_admission delta_cell	<i>PBX4</i>	-0.035956369	0.006600149	0.162049729	1
T2DM_admission delta_cell	<i>ZNF90</i>	-0.005499752	0.038528674	0.31566024	1
T2DM_admission delta_cell	<i>ZNF98</i>	-0.013446747	0.014222349	0.222618437	1
T2DM_admission delta_cell	<i>ZNF254</i>	-0.002922697	0.018368923	0.242834576	1
T2DM_admission delta_cell	<i>LRP3</i>	-0.012325563	0.005412353	0.152793623	1
T2DM_admission delta_cell	<i>ZNF30</i>	-0.016821714	0.002263549	0.106745153	1
T2DM_admission delta_cell	<i>UPK1A</i>	-0.045608895	0.003142307	0.123740761	1
T2DM_admission delta_cell	<i>U2AF1L4</i>	-0.012260259	7.23E-05	0.030049095	0.270441855
T2DM_admission delta_cell	<i>ZNF529</i>	-0.003723975	0.025327935	0.267152183	1
T2DM_admission delta_cell	<i>PPP1R14A</i>	0.006928731	0.013162427	0.213342461	1
T2DM_admission delta_cell	<i>RINL</i>	-0.002384485	0.032579099	0.292976942	1
T2DM_admission delta_cell	<i>ITPKC</i>	-0.002633635	0.038662187	0.315745037	1
T2DM_admission delta_cell	<i>RAB4B</i>	-0.004834019	0.040906434	0.32490652	1
T2DM_admission delta_cell	<i>CEACAM21</i>	-0.060688205	0.009068588	0.18888807	1
T2DM_admission delta_cell	<i>CEACAM19</i>	-0.006285	0.010258981	0.189994305	1
T2DM_admission delta_cell	<i>CBLC</i>	-0.023546194	0.007423906	0.169346538	1
T2DM_admission delta_cell	<i>ERCC2</i>	-0.014148223	0.012178671	0.204306767	1
T2DM_admission delta_cell	<i>GIPR</i>	-0.008445583	0.010601082	0.193456818	1
T2DM_admission delta_cell	<i>DMWD</i>	-0.003428034	0.042289426	0.332362904	1
T2DM_admission delta_cell	<i>SYMPK</i>	-0.002987493	0.039052756	0.317600779	1
T2DM_admission delta_cell	<i>SIGLEC11</i>	-0.041035534	0.02935343	0.283749828	1
T2DM_admission delta_cell	<i>ZNF320</i>	-0.027180447	0.007180633	0.167740699	1
T2DM_admission delta_cell	<i>ZNF816</i>	-0.008424986	0.000311479	0.067772762	1
T2DM_admission delta_cell	<i>DNAAF3</i>	0.006925294	0.034868182	0.302649345	1
T2DM_admission delta_cell	<i>ZNF667</i>	-0.004869914	0.010091253	0.189629905	1
T2DM_admission delta_cell	<i>ZNF417</i>	-0.008491163	0.037628637	0.314215914	1
T2DM_admission delta_cell	<i>RBCK1</i>	-0.00312575	0.002610306	0.110967682	1
T2DM_admission delta_cell	<i>MAVS</i>	-0.004221305	0.010031333	0.189629905	1
T2DM_admission delta_cell	<i>FLRT3</i>	-0.00373916	0.022472207	0.257383268	1
T2DM_admission delta_cell	<i>CST2</i>	-0.009243855	0.037722119	0.314294983	1
T2DM_admission delta_cell	<i>NCOA6</i>	-0.001622882	0.019148944	0.242834576	1
T2DM_admission delta_cell	<i>DHX35</i>	-0.008459666	0.048837789	0.351163283	1
T2DM_admission delta_cell	<i>MATN4</i>	-0.014562667	0.017428627	0.240405157	1
T2DM_admission delta_cell	<i>DNTTIP1</i>	-0.003985019	0.018103576	0.242834576	1
T2DM_admission delta_cell	<i>SNX21</i>	-0.005704015	0.038339135	0.31566024	1
T2DM_admission delta_cell	<i>ZSWIM1</i>	-0.014347329	0.000815417	0.08027565	1
T2DM_admission delta_cell	<i>BCAS4</i>	-0.005487296	0.010010699	0.189629905	1
T2DM_admission delta_cell	<i>CABLES2</i>	-0.008637985	0.021739279	0.25736279	1
T2DM_admission delta_cell	<i>LIME1</i>	0.009879028	0.043031227	0.335067405	1
T2DM_admission delta_cell	<i>CCT8</i>	-0.002310162	0.005553472	0.152793623	1
T2DM_admission delta_cell	<i>IFNAR1</i>	-0.003245776	0.003138908	0.123740761	1
T2DM_admission delta_cell	<i>IFNGR2</i>	-0.005415407	0.002862285	0.116389216	1
T2DM_admission delta_cell	<i>TMEM50B</i>	0.00204057	0.024436672	0.26497852	1
T2DM_admission delta_cell	<i>HLCS</i>	-0.003776776	0.039699096	0.320165245	1
T2DM_admission delta_cell	<i>LCA5L</i>	-0.010802269	0.001342009	0.09522629	1
T2DM_admission delta_cell	<i>SH3BGR</i>	-0.00938845	0.000801378	0.08027565	1
T2DM_admission delta_cell	<i>TMPRSS3</i>	-0.018846675	0.04564472	0.345661732	1
T2DM_admission delta_cell	<i>PWP2</i>	-0.026469448	0.036805347	0.310470866	1
T2DM_admission delta_cell	<i>MICAL3</i>	-0.002999321	0.035390915	0.30647549	1
T2DM_admission delta_cell	<i>DGCR6</i>	-0.014309693	0.002322834	0.106745153	1
T2DM_admission delta_cell	<i>TOP3B</i>	-0.007231884	0.022797866	0.258444904	1
T2DM_admission delta_cell	<i>BCR</i>	-0.003983889	0.011757384	0.200841882	1
T2DM_admission delta_cell	<i>SLC2A11</i>	0.008103838	0.025984818	0.267152183	1

T2DM_admission	delta_cell	<i>SPECC1L</i>	-0.005970796	0.002309549	0.106745153	1
T2DM_admission	delta_cell	<i>HSCB</i>	-0.00694085	0.011191988	0.196569136	1
T2DM_admission	delta_cell	<i>SEC14L6</i>	-0.011596059	0.009835589	0.189629905	1
T2DM_admission	delta_cell	<i>PES1</i>	-0.003255234	0.047656025	0.348681771	1
T2DM_admission	delta_cell	<i>FOXRED2</i>	-0.006313368	0.018024398	0.242834576	1
T2DM_admission	delta_cell	<i>PLA2G6</i>	-0.007450935	0.005816913	0.155436238	1
T2DM_admission	delta_cell	<i>CBX6</i>	-0.002090145	0.000629624	0.071376417	1
T2DM_admission	delta_cell	<i>POLR3H</i>	-0.003560031	0.032334783	0.291850972	1
T2DM_admission	delta_cell	<i>PMM1</i>	-0.003394988	0.024754631	0.266112283	1
T2DM_admission	delta_cell	<i>NAGA</i>	-0.007240416	0.019762276	0.247259785	1
T2DM_admission	delta_cell	<i>SMDT1</i>	-0.001126304	0.030770703	0.288327908	1
T2DM_admission	delta_cell	<i>FAM118A</i>	0.002046073	0.033243299	0.29823305	1
T2DM_admission	delta_cell	<i>TBC1D22A</i>	-0.003599873	0.008653087	0.18633404	1
T2DM_admission	delta_cell	<i>HDAC10</i>	0.00664473	0.039399474	0.3190334	1
T2DM_admission	duct_epithelial_cell	<i>MIB2</i>	-0.003451536	0.040075092	0.545267733	1
T2DM_admission	duct_epithelial_cell	<i>PEX10</i>	-0.005357617	0.019948016	0.453347189	1
T2DM_admission	duct_epithelial_cell	<i>MUL1</i>	-0.005274045	0.013415035	0.38604342	1
T2DM_admission	duct_epithelial_cell	<i>CDA</i>	-0.014944906	0.010060861	0.343441396	1
T2DM_admission	duct_epithelial_cell	<i>EPHB2</i>	-0.00568833	0.004576408	0.23514668	1
T2DM_admission	duct_epithelial_cell	<i>STPG1</i>	-0.005039455	0.038659518	0.541410105	1
T2DM_admission	duct_epithelial_cell	<i>RHCE</i>	-0.011350873	0.029838493	0.506223944	1
T2DM_admission	duct_epithelial_cell	<i>XKR8</i>	-0.004867512	0.030702122	0.510473949	1
T2DM_admission	duct_epithelial_cell	<i>EPB41</i>	-0.002593605	0.036392251	0.527687633	1
T2DM_admission	duct_epithelial_cell	<i>C1orf109</i>	-0.003217792	0.008355947	0.320688895	1
T2DM_admission	duct_epithelial_cell	<i>NDUFS5</i>	-0.001234154	0.001018386	0.148049924	1
T2DM_admission	duct_epithelial_cell	<i>CITED4</i>	0.003180488	0.00754276	0.320688895	1
T2DM_admission	duct_epithelial_cell	<i>CTPS1</i>	0.005002646	0.037893656	0.537764215	1
T2DM_admission	duct_epithelial_cell	<i>SLC5A9</i>	0.054236407	0.019997533	0.453347189	1
T2DM_admission	duct_epithelial_cell	<i>PODN</i>	0.003672512	0.005911597	0.276441055	1
T2DM_admission	duct_epithelial_cell	<i>PRKACB</i>	-0.002171774	0.012000597	0.364993763	1
T2DM_admission	duct_epithelial_cell	<i>CTBS</i>	-0.004374982	0.000361123	0.097894983	1
T2DM_admission	duct_epithelial_cell	<i>ZNHIT6</i>	-0.003674184	0.047170915	0.563336906	1
T2DM_admission	duct_epithelial_cell	<i>GBP5</i>	-0.043135129	0.030978969	0.510538871	1
T2DM_admission	duct_epithelial_cell	<i>HFMI</i>	0.013712135	0.003007571	0.207508875	1
T2DM_admission	duct_epithelial_cell	<i>SLC44A3</i>	-0.0041549	0.043477928	0.558434233	1
T2DM_admission	duct_epithelial_cell	<i>PTBP2</i>	0.002070945	0.033969999	0.521899855	1
T2DM_admission	duct_epithelial_cell	<i>GSTM4</i>	-0.009377242	0.028183388	0.492682497	1
T2DM_admission	duct_epithelial_cell	<i>GSTM1</i>	-0.026214617	0.008015662	0.320688895	1
T2DM_admission	duct_epithelial_cell	<i>DRAM2</i>	0.002336266	0.00828591	0.320688895	1
T2DM_admission	duct_epithelial_cell	<i>WARS2</i>	-0.005595743	0.028033692	0.492366395	1
T2DM_admission	duct_epithelial_cell	<i>ZNF697</i>	-0.010979414	0.003013168	0.207508875	1
T2DM_admission	duct_epithelial_cell	<i>REG4</i>	-0.009137377	0.036070383	0.527687633	1
T2DM_admission	duct_epithelial_cell	<i>KCNN3</i>	-0.013689548	0.001179301	0.157563024	1
T2DM_admission	duct_epithelial_cell	<i>MUC1</i>	-0.003580607	0.030172841	0.508453148	1
T2DM_admission	duct_epithelial_cell	<i>C1orf112</i>	0.012608301	0.005859507	0.276441055	1
T2DM_admission	duct_epithelial_cell	<i>MRPS14</i>	0.010002773	0.000610732	0.11621086	1
T2DM_admission	duct_epithelial_cell	<i>RNASEL</i>	-0.020221063	0.020923115	0.455969412	1
T2DM_admission	duct_epithelial_cell	<i>PM20D1</i>	-0.012311898	0.003717442	0.219897468	1
T2DM_admission	duct_epithelial_cell	<i>LYPLAL1</i>	-0.002630752	0.049524689	0.575378457	1
T2DM_admission	duct_epithelial_cell	<i>TAF1A</i>	-0.015511052	0.000457028	0.097894983	1
T2DM_admission	duct_epithelial_cell	<i>SRP9</i>	-0.001088419	0.041358533	0.547646865	1
T2DM_admission	duct_epithelial_cell	<i>CAPN9</i>	0.022844344	0.023696969	0.478378181	1
T2DM_admission	duct_epithelial_cell	<i>ARID4B</i>	-0.001899846	1.03E-05	0.012858118	0.038574355
T2DM_admission	duct_epithelial_cell	<i>EDARADD</i>	-0.008572742	0.024124307	0.478378181	1
T2DM_admission	duct_epithelial_cell	<i>TMEM18</i>	0.003144685	7.50E-05	0.05008497	0.280675298
T2DM_admission	duct_epithelial_cell	<i>TTC32</i>	-0.00149588	0.003349033	0.207508875	1

T2DM_admission	duct_epithelial_cell	<i>FAM228A</i>	0.012566047	0.012835555	0.375139158	1
T2DM_admission	duct_epithelial_cell	<i>KHK</i>	-0.004323219	0.031949568	0.520491712	1
T2DM_admission	duct_epithelial_cell	<i>CEBPZ</i>	-0.001370388	0.043666849	0.558434233	1
T2DM_admission	duct_epithelial_cell	<i>HAAO</i>	-0.004858015	0.01394168	0.396876883	1
T2DM_admission	duct_epithelial_cell	<i>AFTPH</i>	-0.002287133	0.002049848	0.167512435	1
T2DM_admission	duct_epithelial_cell	<i>DNAH6</i>	-0.01017199	0.001008159	0.148049924	1
T2DM_admission	duct_epithelial_cell	<i>GGCX</i>	0.002593887	0.022646753	0.470994496	1
T2DM_admission	duct_epithelial_cell	<i>COX5B</i>	-0.000631276	0.041428512	0.547646865	1
T2DM_admission	duct_epithelial_cell	<i>POLR1B</i>	0.00409414	0.024530528	0.478378181	1
T2DM_admission	duct_epithelial_cell	<i>SLC20A1</i>	-0.003118283	0.011235316	0.364016744	1
T2DM_admission	duct_epithelial_cell	<i>PSD4</i>	-0.01216108	0.000118339	0.055338229	0.442705832
T2DM_admission	duct_epithelial_cell	<i>RABL2A</i>	-0.017368804	0.008325676	0.320688895	1
T2DM_admission	duct_epithelial_cell	<i>ACMSD</i>	-0.008315611	0.009413822	0.341743017	1
T2DM_admission	duct_epithelial_cell	<i>ACVR2A</i>	-0.003488704	0.015370605	0.407118155	1
T2DM_admission	duct_epithelial_cell	<i>KCNJ3</i>	-0.004080903	0.021835781	0.459549073	1
T2DM_admission	duct_epithelial_cell	<i>DUSP19</i>	-0.028261482	0.007197459	0.315814189	1
T2DM_admission	duct_epithelial_cell	<i>PMS1</i>	-0.006849208	0.014428029	0.396876883	1
T2DM_admission	duct_epithelial_cell	<i>ANKRD44</i>	-0.007875673	0.044649604	0.558434233	1
T2DM_admission	duct_epithelial_cell	<i>FTCDNL1</i>	-0.034398806	0.002410629	0.187878376	1
T2DM_admission	duct_epithelial_cell	<i>BARD1</i>	0.011060274	0.020116448	0.453347189	1
T2DM_admission	duct_epithelial_cell	<i>COL4A4</i>	-0.015433378	0.003314713	0.207508875	1
T2DM_admission	duct_epithelial_cell	<i>LRRN1</i>	-0.023921255	0.001082074	0.149927328	1
T2DM_admission	duct_epithelial_cell	<i>LARS2</i>	-0.006189674	0.029905237	0.506223944	1
T2DM_admission	duct_epithelial_cell	<i>HYAL3</i>	-0.015020973	0.02470575	0.478378181	1
T2DM_admission	duct_epithelial_cell	<i>TEX264</i>	0.001240438	0.048265024	0.567797028	1
T2DM_admission	duct_epithelial_cell	<i>PPM1M</i>	-0.015248601	0.04059115	0.545267733	1
T2DM_admission	duct_epithelial_cell	<i>ARHGEF3</i>	-0.005768247	0.03794968	0.537764215	1
T2DM_admission	duct_epithelial_cell	<i>ATP6V1A</i>	-0.002847379	0.033348847	0.521899855	1
T2DM_admission	duct_epithelial_cell	<i>POGLUT1</i>	-0.007101005	0.040626012	0.545267733	1
T2DM_admission	duct_epithelial_cell	<i>WDR5B</i>	-0.007449514	0.025412552	0.483973293	1
T2DM_admission	duct_epithelial_cell	<i>SLC12A8</i>	-0.010071965	0.011867273	0.364016744	1
T2DM_admission	duct_epithelial_cell	<i>ACAD9</i>	-0.014565254	0.008025071	0.320688895	1
T2DM_admission	duct_epithelial_cell	<i>ACKR4</i>	-0.013091273	0.003274247	0.207508875	1
T2DM_admission	duct_epithelial_cell	<i>TM4SF4</i>	-0.000777569	0.017176518	0.426280626	1
T2DM_admission	duct_epithelial_cell	<i>P2RY12</i>	-0.050291135	0.027788238	0.490357532	1
T2DM_admission	duct_epithelial_cell	<i>LXN</i>	-0.004118533	0.000390969	0.097894983	1
T2DM_admission	duct_epithelial_cell	<i>GPR160</i>	-0.006468276	0.017158766	0.426280626	1
T2DM_admission	duct_epithelial_cell	<i>CAMK2N2</i>	-0.003468265	0.037390291	0.535927506	1
T2DM_admission	duct_epithelial_cell	<i>EPHB3</i>	-0.013775732	0.023307493	0.473876806	1
T2DM_admission	duct_epithelial_cell	<i>SLC51A</i>	-0.018229681	0.018123348	0.437415773	1
T2DM_admission	duct_epithelial_cell	<i>PIGX</i>	-0.002755289	0.0269084	0.487817953	1
T2DM_admission	duct_epithelial_cell	<i>DLG1</i>	-0.002693796	0.046251938	0.558434233	1
T2DM_admission	duct_epithelial_cell	<i>SH3BP2</i>	-0.005947494	0.033879821	0.521899855	1
T2DM_admission	duct_epithelial_cell	<i>CNGA1</i>	-0.015752328	0.02108766	0.456005411	1
T2DM_admission	duct_epithelial_cell	<i>ARL9</i>	0.011347498	0.001711383	0.16702898	1
T2DM_admission	duct_epithelial_cell	<i>USO1</i>	-0.002476091	0.039533862	0.543735951	1
T2DM_admission	duct_epithelial_cell	<i>CXCL11</i>	-0.033258882	0.036363188	0.527687633	1
T2DM_admission	duct_epithelial_cell	<i>GPRIN3</i>	-0.00252043	0.003879506	0.219897468	1
T2DM_admission	duct_epithelial_cell	<i>EGF</i>	-0.0151091	0.000335696	0.097894983	1
T2DM_admission	duct_epithelial_cell	<i>RXFP1</i>	-0.03410526	0.03425455	0.521899855	1
T2DM_admission	duct_epithelial_cell	<i>PDLIM3</i>	0.003032176	0.016971791	0.426280626	1
T2DM_admission	duct_epithelial_cell	<i>EXOC3</i>	-0.004100747	0.00128079	0.159714463	1
T2DM_admission	duct_epithelial_cell	<i>ZDHHC11</i>	-0.01009932	0.028759836	0.498104377	1
T2DM_admission	duct_epithelial_cell	<i>NPR3</i>	-0.010589038	0.000805606	0.134951425	1
T2DM_admission	duct_epithelial_cell	<i>CCDC152</i>	0.006018463	0.003842735	0.219897468	1
T2DM_admission	duct_epithelial_cell	<i>NSA2</i>	0.000640315	0.043048931	0.558434233	1

T2DM_admission	duct_epithelial_cell	<i>POLK</i>	-0.001376428	0.030664199	0.510473949	1
T2DM_admission	duct_epithelial_cell	<i>CAST</i>	-0.00065331	0.020964111	0.455969412	1
T2DM_admission	duct_epithelial_cell	<i>TMEM232</i>	-0.012067931	0.001763322	0.16702898	1
T2DM_admission	duct_epithelial_cell	<i>MCC</i>	-0.004976225	0.001028949	0.148049924	1
T2DM_admission	duct_epithelial_cell	<i>FAM53C</i>	0.001616358	0.01273075	0.375139158	1
T2DM_admission	duct_epithelial_cell	<i>PCDHAC1</i>	-0.011137367	0.008394062	0.320688895	1
T2DM_admission	duct_epithelial_cell	<i>PCDHB11</i>	0.005079599	0.020104055	0.453347189	1
T2DM_admission	duct_epithelial_cell	<i>CCNG1</i>	0.002090527	0.011151185	0.364016744	1
T2DM_admission	duct_epithelial_cell	<i>F12</i>	-0.00961897	0.011524203	0.364016744	1
T2DM_admission	duct_epithelial_cell	<i>TBC1D7</i>	0.004600902	0.001584694	0.16702898	1
T2DM_admission	duct_epithelial_cell	<i>ATXN1</i>	-0.002649799	0.005642306	0.270613673	1
T2DM_admission	duct_epithelial_cell	<i>ALDH5A1</i>	-0.008216878	0.004058576	0.226581031	1
T2DM_admission	duct_epithelial_cell	<i>ZNF311</i>	-0.022312804	0.026017257	0.483973293	1
T2DM_admission	duct_epithelial_cell	<i>HSD17B8</i>	-0.0053663	0.047434142	0.563336906	1
T2DM_admission	duct_epithelial_cell	<i>IP6K3</i>	0.04467083	0.009224094	0.341656784	1
T2DM_admission	duct_epithelial_cell	<i>HMGAI</i>	-0.000950028	0.03204399	0.520491712	1
T2DM_admission	duct_epithelial_cell	<i>ETV7</i>	-0.010445099	0.020333511	0.455494989	1
T2DM_admission	duct_epithelial_cell	<i>CCDC167</i>	0.004617238	0.007942431	0.320688895	1
T2DM_admission	duct_epithelial_cell	<i>SLC25A27</i>	-0.006046246	0.049354907	0.575192229	1
T2DM_admission	duct_epithelial_cell	<i>LRRC1</i>	-0.005582293	9.37E-05	0.05008497	0.350594793
T2DM_admission	duct_epithelial_cell	<i>B3GAT2</i>	-0.006915232	0.028965026	0.499346367	1
T2DM_admission	duct_epithelial_cell	<i>SLC17A5</i>	-0.002702479	0.000421477	0.097894983	1
T2DM_admission	duct_epithelial_cell	<i>BCKDHB</i>	0.003650326	0.043251423	0.558434233	1
T2DM_admission	duct_epithelial_cell	<i>C6orf163</i>	-0.012467536	0.022662125	0.470994496	1
T2DM_admission	duct_epithelial_cell	<i>SMPD2</i>	0.003801266	0.035172461	0.523261241	1
T2DM_admission	duct_epithelial_cell	<i>DDO</i>	-0.02470869	0.046092665	0.558434233	1
T2DM_admission	duct_epithelial_cell	<i>NUS1</i>	-0.001153884	0.032888194	0.521899855	1
T2DM_admission	duct_epithelial_cell	<i>PKIB</i>	0.001588419	0.024777972	0.478378181	1
T2DM_admission	duct_epithelial_cell	<i>SMPDL3A</i>	0.002578444	0.004245524	0.226581031	1
T2DM_admission	duct_epithelial_cell	<i>TPD52L1</i>	-0.003451968	0.008874751	0.335358003	1
T2DM_admission	duct_epithelial_cell	<i>HEY2</i>	-0.014274596	0.000410294	0.097894983	1
T2DM_admission	duct_epithelial_cell	<i>EPM2A</i>	0.011512273	0.004873988	0.240041341	1
T2DM_admission	duct_epithelial_cell	<i>RNASET2</i>	-0.003360143	0.010819809	0.358202716	1
T2DM_admission	duct_epithelial_cell	<i>EPDR1</i>	0.007130025	0.029769393	0.506223944	1
T2DM_admission	duct_epithelial_cell	<i>VPS41</i>	-0.005193826	0.024807636	0.478378181	1
T2DM_admission	duct_epithelial_cell	<i>BLVRA</i>	-0.001689782	0.018290981	0.438631805	1
T2DM_admission	duct_epithelial_cell	<i>ABCA13</i>	-0.024676172	0.009500474	0.341743017	1
T2DM_admission	duct_epithelial_cell	<i>STYXL1</i>	-0.013462207	0.015413021	0.407118155	1
T2DM_admission	duct_epithelial_cell	<i>TSPAN33</i>	-0.003975002	0.045004169	0.558434233	1
T2DM_admission	duct_epithelial_cell	<i>LRRC61</i>	-0.002413304	0.038269659	0.540252048	1
T2DM_admission	duct_epithelial_cell	<i>LINC01003</i>	-0.003019783	0.007260096	0.315814189	1
T2DM_admission	duct_epithelial_cell	<i>ESYT2</i>	-0.004050181	0.034120323	0.521899855	1
T2DM_admission	duct_epithelial_cell	<i>SH2D4A</i>	-0.013696164	0.007618441	0.320688895	1
T2DM_admission	duct_epithelial_cell	<i>ESCO2</i>	0.024501126	0.002059763	0.167512435	1
T2DM_admission	duct_epithelial_cell	<i>STAR</i>	-0.017894755	0.007085422	0.315814189	1
T2DM_admission	duct_epithelial_cell	<i>ADAM32</i>	-0.024379597	0.003207814	0.207508875	1
T2DM_admission	duct_epithelial_cell	<i>XKR9</i>	-0.019707654	0.034418637	0.521899855	1
T2DM_admission	duct_epithelial_cell	<i>MMP16</i>	-0.006476075	0.007696344	0.320688895	1
T2DM_admission	duct_epithelial_cell	<i>TSPYL5</i>	-0.004464514	0.03524775	0.523261241	1
T2DM_admission	duct_epithelial_cell	<i>RNF19A</i>	0.002111005	0.00486836	0.240041341	1
T2DM_admission	duct_epithelial_cell	<i>YWHAZ</i>	-0.001194794	0.011717469	0.364016744	1
T2DM_admission	duct_epithelial_cell	<i>PKHD1L1</i>	-0.014684637	0.033981447	0.521899855	1
T2DM_admission	duct_epithelial_cell	<i>MTSS1</i>	-0.004058715	0.040779244	0.545267733	1
T2DM_admission	duct_epithelial_cell	<i>ST3GAL1</i>	-0.004754258	0.044862712	0.558434233	1
T2DM_admission	duct_epithelial_cell	<i>C8orf82</i>	-0.00274663	0.017219845	0.426280626	1
T2DM_admission	duct_epithelial_cell	<i>PTPRD</i>	-0.009697286	0.000307278	0.097894983	1

T2DM_admission	duct_epithelial_cell	<i>NFX1</i>	-0.002200644	0.019552704	0.453347189	1
T2DM_admission	duct_epithelial_cell	<i>MAMDC2</i>	-0.016203545	0.008400832	0.320688895	1
T2DM_admission	duct_epithelial_cell	<i>HSD17B3</i>	-0.033371408	0.034803561	0.523261241	1
T2DM_admission	duct_epithelial_cell	<i>ZNF462</i>	-0.007501551	0.003196359	0.207508875	1
T2DM_admission	duct_epithelial_cell	<i>ZNF883</i>	-0.02351996	0.023189089	0.473876806	1
T2DM_admission	duct_epithelial_cell	<i>ZNF79</i>	0.016587463	0.004254492	0.226581031	1
T2DM_admission	duct_epithelial_cell	<i>RPL12</i>	-0.000351587	0.002050325	0.167512435	1
T2DM_admission	duct_epithelial_cell	<i>GTPBP4</i>	-0.001995996	0.000471026	0.097894983	1
T2DM_admission	duct_epithelial_cell	<i>WDR37</i>	-0.002028299	0.001652251	0.16702898	1
T2DM_admission	duct_epithelial_cell	<i>GDI2</i>	-0.001912878	0.023055897	0.473876806	1
T2DM_admission	duct_epithelial_cell	<i>SEC61A2</i>	-0.005399792	0.036978471	0.532759053	1
T2DM_admission	duct_epithelial_cell	<i>NSUN6</i>	-0.004261872	0.034975365	0.523261241	1
T2DM_admission	duct_epithelial_cell	<i>ALOX5</i>	0.004529472	0.030878506	0.510538871	1
T2DM_admission	duct_epithelial_cell	<i>ASAH2B</i>	-0.013026073	0.014352775	0.396876883	1
T2DM_admission	duct_epithelial_cell	<i>FAM149B1</i>	-0.005661578	0.014220476	0.396876883	1
T2DM_admission	duct_epithelial_cell	<i>NUTM2B</i>	0.033336675	0.043426048	0.558434233	1
T2DM_admission	duct_epithelial_cell	<i>C10orf62</i>	0.045754901	0.002793613	0.207508875	1
T2DM_admission	duct_epithelial_cell	<i>CWF19L1</i>	-0.004597799	0.040811271	0.545267733	1
T2DM_admission	duct_epithelial_cell	<i>TRUB1</i>	-0.003712803	0.039877579	0.545267733	1
T2DM_admission	duct_epithelial_cell	<i>NSMCE4A</i>	-0.004918192	0.015187955	0.407118155	1
T2DM_admission	duct_epithelial_cell	<i>LINC01167</i>	-0.074740308	0.029765476	0.506223944	1
T2DM_admission	duct_epithelial_cell	<i>RNH1</i>	-0.001421962	0.038985713	0.541410105	1
T2DM_admission	duct_epithelial_cell	<i>TRPM5</i>	-0.055166387	0.001750992	0.16702898	1
T2DM_admission	duct_epithelial_cell	<i>ZNF215</i>	-0.020363367	0.02605316	0.483973293	1
T2DM_admission	duct_epithelial_cell	<i>ZNF143</i>	-0.005640968	0.033129758	0.521899855	1
T2DM_admission	duct_epithelial_cell	<i>ARL14EP</i>	-0.002161931	0.010198413	0.343441396	1
T2DM_admission	duct_epithelial_cell	<i>CAT</i>	-0.0032385	0.0115698	0.364016744	1
T2DM_admission	duct_epithelial_cell	<i>TIMM10</i>	-0.002616662	0.049201315	0.575192229	1
T2DM_admission	duct_epithelial_cell	<i>SMTNL1</i>	0.045366389	0.014019136	0.396876883	1
T2DM_admission	duct_epithelial_cell	<i>ZFP91</i>	-0.003377181	0.009121937	0.341251659	1
T2DM_admission	duct_epithelial_cell	<i>MS4A8</i>	-0.004586464	0.04608275	0.558434233	1
T2DM_admission	duct_epithelial_cell	<i>POLA2</i>	-0.009439114	0.032732349	0.521899855	1
T2DM_admission	duct_epithelial_cell	<i>RAD9A</i>	-0.00309419	0.043548276	0.558434233	1
T2DM_admission	duct_epithelial_cell	<i>NDUFB1</i>	-0.002321426	0.027673369	0.490357532	1
T2DM_admission	duct_epithelial_cell	<i>PGM2L1</i>	-0.002811087	0.033879041	0.521899855	1
T2DM_admission	duct_epithelial_cell	<i>MAP6</i>	-0.004135674	0.012761123	0.375139158	1
T2DM_admission	duct_epithelial_cell	<i>TRPC6</i>	-0.014114448	0.046424231	0.558434233	1
T2DM_admission	duct_epithelial_cell	<i>THY1</i>	-0.003319031	0.033649572	0.521899855	1
T2DM_admission	duct_epithelial_cell	<i>POU2F3</i>	0.012795393	0.011866903	0.364016744	1
T2DM_admission	duct_epithelial_cell	<i>B3GAT1</i>	-0.020155823	0.04382303	0.558434233	1
T2DM_admission	duct_epithelial_cell	<i>SLC6A12</i>	-0.022330518	0.041413008	0.547646865	1
T2DM_admission	duct_epithelial_cell	<i>CDC43</i>	-0.018346537	0.046034193	0.558434233	1
T2DM_admission	duct_epithelial_cell	<i>ATN1</i>	-0.004049162	0.016442373	0.424213218	1
T2DM_admission	duct_epithelial_cell	<i>LINC00937</i>	-0.007983453	0.039220032	0.541410105	1
T2DM_admission	duct_epithelial_cell	<i>PRR4</i>	-0.009451421	0.020762401	0.455969412	1
T2DM_admission	duct_epithelial_cell	<i>TAS2R14</i>	-0.017128555	0.011871169	0.364016744	1
T2DM_admission	duct_epithelial_cell	<i>TAS2R20</i>	-0.033275443	0.026992333	0.487817953	1
T2DM_admission	duct_epithelial_cell	<i>GPRC5A</i>	0.021613718	6.54E-07	0.002447221	0.002447221
T2DM_admission	duct_epithelial_cell	<i>STK38L</i>	-0.004413851	0.001491573	0.16702898	1
T2DM_admission	duct_epithelial_cell	<i>DDX11</i>	-0.007713415	0.022811319	0.471475941	1
T2DM_admission	duct_epithelial_cell	<i>ARID2</i>	-0.004610622	0.04866715	0.570732942	1
T2DM_admission	duct_epithelial_cell	<i>CCDC65</i>	0.013347995	0.015452753	0.407118155	1
T2DM_admission	duct_epithelial_cell	<i>GTSF1</i>	-0.031065811	0.032829111	0.521899855	1
T2DM_admission	duct_epithelial_cell	<i>SLC39A5</i>	-0.004699534	0.035409042	0.523577969	1
T2DM_admission	duct_epithelial_cell	<i>LRIG3</i>	0.005726796	0.010227059	0.343441396	1
T2DM_admission	duct_epithelial_cell	<i>ACSS3</i>	-0.017590038	0.030675812	0.510473949	1

T2DM_admission	duct_epithelial_cell	<i>METAP2</i>	0.001096105	0.021725489	0.459549073	1
T2DM_admission	duct_epithelial_cell	<i>AMDHD1</i>	-0.027306472	0.026392173	0.486370051	1
T2DM_admission	duct_epithelial_cell	<i>UTP20</i>	-0.007688387	0.045815226	0.558434233	1
T2DM_admission	duct_epithelial_cell	<i>DRAM1</i>	-0.008312764	0.002365879	0.187878376	1
T2DM_admission	duct_epithelial_cell	<i>ASCL1</i>	-0.015387239	0.017320143	0.426280626	1
T2DM_admission	duct_epithelial_cell	<i>GATC</i>	-0.006227294	0.004300255	0.226581031	1
T2DM_admission	duct_epithelial_cell	<i>POP5</i>	-0.00376246	0.003273028	0.207508875	1
T2DM_admission	duct_epithelial_cell	<i>CLIP1</i>	-0.00149096	0.003856827	0.219897468	1
T2DM_admission	duct_epithelial_cell	<i>ARL6IP4</i>	-0.00119534	0.012949486	0.375535085	1
T2DM_admission	duct_epithelial_cell	<i>TRPC4</i>	0.009007585	0.040672875	0.545267733	1
T2DM_admission	duct_epithelial_cell	<i>ALG11</i>	-0.004727024	0.001987096	0.167512435	1
T2DM_admission	duct_epithelial_cell	<i>VPS36</i>	-0.001629556	0.044347036	0.558434233	1
T2DM_admission	duct_epithelial_cell	<i>KLF5</i>	0.00629609	0.018501935	0.440864577	1
T2DM_admission	duct_epithelial_cell	<i>DCT</i>	-0.032634251	0.04810312	0.567677515	1
T2DM_admission	duct_epithelial_cell	<i>GPR180</i>	-0.002799103	0.024802426	0.478378181	1
T2DM_admission	duct_epithelial_cell	<i>CFL2</i>	-0.00284101	0.004588535	0.23514668	1
T2DM_admission	duct_epithelial_cell	<i>BMP4</i>	-0.004955733	0.017012139	0.426280626	1
T2DM_admission	duct_epithelial_cell	<i>RHOJ</i>	-0.00446419	0.044198384	0.558434233	1
T2DM_admission	duct_epithelial_cell	<i>ATP6V1D</i>	-0.003713667	4.72E-06	0.008828474	0.017656948
T2DM_admission	duct_epithelial_cell	<i>VIPAS39</i>	-0.008625365	0.019626148	0.453347189	1
T2DM_admission	duct_epithelial_cell	<i>KCNK10</i>	-0.019414573	0.03211818	0.520491712	1
T2DM_admission	duct_epithelial_cell	<i>SERPINA5</i>	0.003252416	0.021687277	0.459549073	1
T2DM_admission	duct_epithelial_cell	<i>BEGAIN</i>	-0.01252351	0.026968985	0.487817953	1
T2DM_admission	duct_epithelial_cell	<i>NIPAI</i>	-0.005354785	0.001661317	0.16702898	1
T2DM_admission	duct_epithelial_cell	<i>CHRNA7</i>	-0.008490395	0.026132747	0.483973293	1
T2DM_admission	duct_epithelial_cell	<i>PLCB2</i>	0.030010837	0.048045035	0.567677515	1
T2DM_admission	duct_epithelial_cell	<i>LRRC57</i>	-0.005722925	0.011579042	0.364016744	1
T2DM_admission	duct_epithelial_cell	<i>RAB27A</i>	-0.002811812	0.046121854	0.558434233	1
T2DM_admission	duct_epithelial_cell	<i>CGNLI</i>	0.007693724	0.006684384	0.304954634	1
T2DM_admission	duct_epithelial_cell	<i>LIPC</i>	-0.018024936	0.00205406	0.167512435	1
T2DM_admission	duct_epithelial_cell	<i>TPMI</i>	0.00067039	0.027460002	0.49028908	1
T2DM_admission	duct_epithelial_cell	<i>TLE3</i>	0.002448642	0.004268101	0.226581031	1
T2DM_admission	duct_epithelial_cell	<i>ULK3</i>	-0.012894551	0.003383598	0.207508875	1
T2DM_admission	duct_epithelial_cell	<i>RPP25</i>	-0.004081387	0.002534365	0.193491002	1
T2DM_admission	duct_epithelial_cell	<i>MAN2C1</i>	-0.002312843	0.024610679	0.478378181	1
T2DM_admission	duct_epithelial_cell	<i>PEAK1</i>	-0.005798494	0.004876542	0.240041341	1
T2DM_admission	duct_epithelial_cell	<i>CIB1</i>	-0.001044372	0.034458504	0.521899855	1
T2DM_admission	duct_epithelial_cell	<i>LINC00930</i>	-0.032864328	0.045881102	0.558434233	1
T2DM_admission	duct_epithelial_cell	<i>CCDC78</i>	0.017886498	0.025853752	0.483973293	1
T2DM_admission	duct_epithelial_cell	<i>SOX8</i>	-0.027971266	0.000652346	0.11621086	1
T2DM_admission	duct_epithelial_cell	<i>BAIAP3</i>	-0.003606959	0.044148671	0.558434233	1
T2DM_admission	duct_epithelial_cell	<i>CCDC154</i>	0.035819609	0.037026825	0.532759053	1
T2DM_admission	duct_epithelial_cell	<i>FAHDI</i>	-0.004790267	0.024657212	0.478378181	1
T2DM_admission	duct_epithelial_cell	<i>RPS2</i>	-0.000195823	0.007174696	0.315814189	1
T2DM_admission	duct_epithelial_cell	<i>BRICD5</i>	-0.031924281	0.007725886	0.320688895	1
T2DM_admission	duct_epithelial_cell	<i>AMDHD2</i>	-0.008762548	0.036281635	0.527687633	1
T2DM_admission	duct_epithelial_cell	<i>MGRN1</i>	-0.002584882	0.045397359	0.558434233	1
T2DM_admission	duct_epithelial_cell	<i>NDE1</i>	-0.00474818	0.027522242	0.49028908	1
T2DM_admission	duct_epithelial_cell	<i>USP31</i>	-0.005455522	0.005024762	0.244125122	1
T2DM_admission	duct_epithelial_cell	<i>SULT1A1</i>	-0.007084189	0.04732541	0.563336906	1
T2DM_admission	duct_epithelial_cell	<i>SLC5A2</i>	0.015231965	0.009737548	0.343441396	1
T2DM_admission	duct_epithelial_cell	<i>IRX3</i>	-0.023763185	0.000829693	0.134951425	1
T2DM_admission	duct_epithelial_cell	<i>NUDT7</i>	-0.012706151	0.015453295	0.407118155	1
T2DM_admission	duct_epithelial_cell	<i>KLHDC4</i>	-0.00357989	0.027517619	0.49028908	1
T2DM_admission	duct_epithelial_cell	<i>DPEP1</i>	-0.004654571	0.024332523	0.478378181	1
T2DM_admission	duct_epithelial_cell	<i>RPH3AL</i>	-0.006037627	0.009495952	0.341743017	1

T2DM_admission	duct_epithelial_cell	<i>SPAG7</i>	-0.002415149	0.01714161	0.426280626	1
T2DM_admission	duct_epithelial_cell	<i>MYO15A</i>	-0.013107387	0.026614948	0.487817953	1
T2DM_admission	duct_epithelial_cell	<i>SLFN12</i>	0.022036148	0.01924678	0.453347189	1
T2DM_admission	duct_epithelial_cell	<i>ARL5C</i>	-0.005010934	0.028492901	0.495776483	1
T2DM_admission	duct_epithelial_cell	<i>NBR2</i>	-0.007145101	0.017858436	0.435092958	1
T2DM_admission	duct_epithelial_cell	<i>CIQL1</i>	-0.00388781	0.012644601	0.375139158	1
T2DM_admission	duct_epithelial_cell	<i>ABCC3</i>	0.005313058	0.026019389	0.483973293	1
T2DM_admission	duct_epithelial_cell	<i>HLF</i>	-0.002837834	0.043852718	0.558434233	1
T2DM_admission	duct_epithelial_cell	<i>RPS6KB1</i>	0.002156966	0.002889057	0.207508875	1
T2DM_admission	duct_epithelial_cell	<i>MILR1</i>	-0.009809917	0.032139424	0.520491712	1
T2DM_admission	duct_epithelial_cell	<i>KCNJ16</i>	-0.021719982	0.001719045	0.16702898	1
T2DM_admission	duct_epithelial_cell	<i>SMIM5</i>	-0.004301678	0.03907195	0.541410105	1
T2DM_admission	duct_epithelial_cell	<i>ITGB4</i>	-0.01843102	0.014902424	0.406934069	1
T2DM_admission	duct_epithelial_cell	<i>CEP192</i>	-0.005368618	0.003038548	0.207508875	1
T2DM_admission	duct_epithelial_cell	<i>ME2</i>	-0.007006152	2.12E-05	0.019814836	0.079259345
T2DM_admission	duct_epithelial_cell	<i>NFATC1</i>	0.005396857	0.015994733	0.415529837	1
T2DM_admission	duct_epithelial_cell	<i>NDUFA11</i>	-0.001376303	0.042583119	0.558434233	1
T2DM_admission	duct_epithelial_cell	<i>SLC25A41</i>	-0.032914715	0.015963387	0.415529837	1
T2DM_admission	duct_epithelial_cell	<i>INSR</i>	-0.001789853	0.020553816	0.455969412	1
T2DM_admission	duct_epithelial_cell	<i>ZNF317</i>	-0.007082444	0.009994226	0.343441396	1
T2DM_admission	duct_epithelial_cell	<i>DNMT1</i>	-0.003757849	0.009603858	0.342171751	1
T2DM_admission	duct_epithelial_cell	<i>ZNF490</i>	-0.006469365	0.033508029	0.521899855	1
T2DM_admission	duct_epithelial_cell	<i>ANKLE1</i>	-0.022588691	0.045740005	0.558434233	1
T2DM_admission	duct_epithelial_cell	<i>CCDC124</i>	0.001660646	0.045308708	0.558434233	1
T2DM_admission	duct_epithelial_cell	<i>ZNF682</i>	-0.004623899	0.038925	0.541410105	1
T2DM_admission	duct_epithelial_cell	<i>ZNF100</i>	-0.002481319	0.039117331	0.541410105	1
T2DM_admission	duct_epithelial_cell	<i>ZNF507</i>	-0.003077678	8.16E-05	0.05008497	0.305188305
T2DM_admission	duct_epithelial_cell	<i>PEPD</i>	-0.002580989	0.000631612	0.11621086	1
T2DM_admission	duct_epithelial_cell	<i>LGI4</i>	0.01879008	0.006491374	0.299805294	1
T2DM_admission	duct_epithelial_cell	<i>RAB4B</i>	-0.005500503	0.019817542	0.453347189	1
T2DM_admission	duct_epithelial_cell	<i>CEACAM21</i>	-0.046756931	0.04072163	0.545267733	1
T2DM_admission	duct_epithelial_cell	<i>CXCL17</i>	-0.01603201	0.001369807	0.165304776	1
T2DM_admission	duct_epithelial_cell	<i>ZNF233</i>	-0.017111583	0.036114462	0.527687633	1
T2DM_admission	duct_epithelial_cell	<i>LILRB3</i>	-0.013933399	0.044239359	0.558434233	1
T2DM_admission	duct_epithelial_cell	<i>ZNF304</i>	-0.003844201	0.019899917	0.453347189	1
T2DM_admission	duct_epithelial_cell	<i>SIRPB2</i>	-0.050288333	0.014158421	0.396876883	1
T2DM_admission	duct_epithelial_cell	<i>VPS16</i>	-0.005834605	0.025568949	0.483973293	1
T2DM_admission	duct_epithelial_cell	<i>TMEM230</i>	-0.001246926	0.032881616	0.521899855	1
T2DM_admission	duct_epithelial_cell	<i>FLRT3</i>	0.003759571	0.02186574	0.459549073	1
T2DM_admission	duct_epithelial_cell	<i>DZANK1</i>	-0.007869076	0.0255598	0.483973293	1
T2DM_admission	duct_epithelial_cell	<i>CST5</i>	-0.027070458	0.034959232	0.523261241	1
T2DM_admission	duct_epithelial_cell	<i>NCOA3</i>	-0.002233844	0.010099236	0.343441396	1
T2DM_admission	duct_epithelial_cell	<i>KCNG1</i>	-0.014510558	0.001276153	0.159714463	1
T2DM_admission	duct_epithelial_cell	<i>VAPB</i>	-0.002806277	0.000182161	0.068146368	0.681463679
T2DM_admission	duct_epithelial_cell	<i>CBR1</i>	-0.003681299	0.020893868	0.455969412	1
T2DM_admission	duct_epithelial_cell	<i>PIGP</i>	-0.003377339	0.010282127	0.343441396	1
T2DM_admission	duct_epithelial_cell	<i>MX2</i>	-0.044142265	0.001872626	0.167512435	1
T2DM_admission	duct_epithelial_cell	<i>ICOSLG</i>	-0.008438947	0.046319949	0.558434233	1
T2DM_admission	duct_epithelial_cell	<i>RBFOX2</i>	-0.00113461	0.037585618	0.536670975	1
T2DM_admission	duct_epithelial_cell	<i>APOBEC3G</i>	-0.004733377	0.046882427	0.562138328	1
T2DM_admission	duct_epithelial_cell	<i>FAM83F</i>	-0.004044453	0.000168992	0.068146368	0.632198133
T2DM_admission	duct_epithelial_cell	<i>TOB2</i>	0.003406175	0.017910803	0.435092958	1
T2DM_admission	duct_epithelial_cell	<i>CSDC2</i>	-0.025709561	0.021264128	0.457178747	1
T2DM_admission	duct_epithelial_cell	<i>FAM118A</i>	-0.002985417	0.001785929	0.16702898	1
T2DM_admission	duct_epithelial_cell	<i>RIBC2</i>	0.05068225	0.003653039	0.219897468	1
T2DM_admission	duct_epithelial_cell	<i>HDAC10</i>	-0.008054045	0.012430125	0.375008865	1

T2DM_admission	endothelial_cell	<i>PLEKHM2</i>	-0.002763586	0.021060488	0.467190243	1
T2DM_admission	endothelial_cell	<i>NECAP2</i>	-0.002327746	0.009904427	0.350340805	1
T2DM_admission	endothelial_cell	<i>MFAP2</i>	-0.008280385	0.029479012	0.515331703	1
T2DM_admission	endothelial_cell	<i>KLHDC7A</i>	-0.011927755	0.042334595	0.586065504	1
T2DM_admission	endothelial_cell	<i>C1orf109</i>	0.002819887	0.020701087	0.467190243	1
T2DM_admission	endothelial_cell	<i>MYCL</i>	-0.009292806	0.000382211	0.084108994	1
T2DM_admission	endothelial_cell	<i>COL9A2</i>	0.002500861	0.041074047	0.579841553	1
T2DM_admission	endothelial_cell	<i>ZFP69</i>	-0.019453078	0.024244641	0.478854868	1
T2DM_admission	endothelial_cell	<i>POMGNT1</i>	-0.006033694	0.013327094	0.394605667	1
T2DM_admission	endothelial_cell	<i>PODN</i>	0.003327829	0.01558911	0.43199156	1
T2DM_admission	endothelial_cell	<i>TTC4</i>	0.002517903	0.0406054	0.576938194	1
T2DM_admission	endothelial_cell	<i>LEPROT</i>	0.001140687	0.016920398	0.448930547	1
T2DM_admission	endothelial_cell	<i>CTBS</i>	0.00252555	0.038119935	0.56366275	1
T2DM_admission	endothelial_cell	<i>HFM1</i>	0.01390388	0.002485929	0.175469047	1
T2DM_admission	endothelial_cell	<i>TMED5</i>	0.001620137	0.016641168	0.447310815	1
T2DM_admission	endothelial_cell	<i>DR1</i>	-0.002854046	0.014011655	0.403212323	1
T2DM_admission	endothelial_cell	<i>CELSR2</i>	-0.002762039	0.02730314	0.500691408	1
T2DM_admission	endothelial_cell	<i>PSRC1</i>	-0.02771367	0.020675404	0.467190243	1
T2DM_admission	endothelial_cell	<i>SORT1</i>	-0.001486001	0.0343123	0.533141295	1
T2DM_admission	endothelial_cell	<i>DRAM2</i>	0.003275071	0.000230315	0.065831411	0.861608896
T2DM_admission	endothelial_cell	<i>VANGL1</i>	-0.005579942	0.049205444	0.609528364	1
T2DM_admission	endothelial_cell	<i>MTMR11</i>	-0.010993477	0.03378634	0.531689049	1
T2DM_admission	endothelial_cell	<i>CTSS</i>	-0.001874301	0.033454313	0.531689049	1
T2DM_admission	endothelial_cell	<i>CTSK</i>	-0.00375553	0.000435624	0.088481947	1
T2DM_admission	endothelial_cell	<i>SEMA6C</i>	-0.012256358	0.005862554	0.277617927	1
T2DM_admission	endothelial_cell	<i>THEM4</i>	-0.002146229	0.024825506	0.478854868	1
T2DM_admission	endothelial_cell	<i>ALDH9A1</i>	0.003020927	0.007294879	0.310115269	1
T2DM_admission	endothelial_cell	<i>XCL2</i>	-0.001558481	0.043966278	0.590547923	1
T2DM_admission	endothelial_cell	<i>FMO3</i>	-0.017139867	0.040202384	0.576938194	1
T2DM_admission	endothelial_cell	<i>SUCO</i>	-0.001892323	0.03145708	0.527258861	1
T2DM_admission	endothelial_cell	<i>SEC16B</i>	-0.01482146	0.023677642	0.478854868	1
T2DM_admission	endothelial_cell	<i>GLUL</i>	-0.002781883	0.028002286	0.501227517	1
T2DM_admission	endothelial_cell	<i>GEN1</i>	0.010612856	0.009232011	0.345369521	1
T2DM_admission	endothelial_cell	<i>KHK</i>	-0.004579441	0.023320323	0.478854868	1
T2DM_admission	endothelial_cell	<i>NDUFAF7</i>	-0.004301133	0.00086245	0.107547492	1
T2DM_admission	endothelial_cell	<i>ALMS1</i>	-0.005710133	0.047825509	0.600854766	1
T2DM_admission	endothelial_cell	<i>NAT8</i>	-0.004142498	0.000344879	0.083124655	1
T2DM_admission	endothelial_cell	<i>POLR1A</i>	-0.005245384	0.007291944	0.310115269	1
T2DM_admission	endothelial_cell	<i>CHMP3</i>	-0.002142485	0.004052105	0.234248209	1
T2DM_admission	endothelial_cell	<i>ANKRD36B</i>	-0.003611036	0.040018861	0.576938194	1
T2DM_admission	endothelial_cell	<i>ZAP70</i>	-0.033499997	0.024792221	0.478854868	1
T2DM_admission	endothelial_cell	<i>ILIR1</i>	0.001964293	0.024786021	0.478854868	1
T2DM_admission	endothelial_cell	<i>MRPS9</i>	-0.003436373	0.029868633	0.516528535	1
T2DM_admission	endothelial_cell	<i>LIMS3</i>	0.029556019	0.016262514	0.440855544	1
T2DM_admission	endothelial_cell	<i>PAX8</i>	-0.020758865	0.016027818	0.440855544	1
T2DM_admission	endothelial_cell	<i>CCDC115</i>	0.003588416	0.00648387	0.291996851	1
T2DM_admission	endothelial_cell	<i>DAPL1</i>	-0.007610946	0.005610538	0.272584719	1
T2DM_admission	endothelial_cell	<i>WDSUB1</i>	-0.006916487	0.029666871	0.516203547	1
T2DM_admission	endothelial_cell	<i>SPC25</i>	-0.006607275	0.01367361	0.396534702	1
T2DM_admission	endothelial_cell	<i>DUSP19</i>	-0.033131186	0.001628908	0.135342861	1
T2DM_admission	endothelial_cell	<i>ORMDL1</i>	-0.00169467	0.032905483	0.531689049	1
T2DM_admission	endothelial_cell	<i>DNAH7</i>	-0.004338327	0.044989617	0.590547923	1
T2DM_admission	endothelial_cell	<i>ESPNL</i>	-0.055938018	6.97E-05	0.052160292	0.260801458
T2DM_admission	endothelial_cell	<i>SLC6A11</i>	-0.036296252	0.010303846	0.350340805	1
T2DM_admission	endothelial_cell	<i>PPARG</i>	-0.013169795	0.00407007	0.234248209	1
T2DM_admission	endothelial_cell	<i>VIPR1</i>	-0.015410745	0.002713748	0.184584183	1

T2DM_admission endothelial_cell	<i>LARS2</i>	-0.006118518	0.032035488	0.527258861	1
T2DM_admission endothelial_cell	<i>ZNF589</i>	-0.005620539	0.036399429	0.55312144	1
T2DM_admission endothelial_cell	<i>TKT</i>	0.000836424	0.021846789	0.477946415	1
T2DM_admission endothelial_cell	<i>FLNB</i>	-0.003578296	0.019899369	0.467190243	1
T2DM_admission endothelial_cell	<i>EOGT</i>	-0.003133436	0.006435721	0.291996851	1
T2DM_admission endothelial_cell	<i>UBA3</i>	-0.00311123	0.038419472	0.565855298	1
T2DM_admission endothelial_cell	<i>SLC9C1</i>	-0.018993537	0.012068691	0.376890764	1
T2DM_admission endothelial_cell	<i>TF</i>	-0.009890785	0.005037327	0.260956448	1
T2DM_admission endothelial_cell	<i>RBP1</i>	0.000754175	0.004775979	0.255241982	1
T2DM_admission endothelial_cell	<i>IGSF10</i>	-0.017973571	2.98E-05	0.033730799	0.11144049
T2DM_admission endothelial_cell	<i>AADAC</i>	-0.009041806	0.007831898	0.321968456	1
T2DM_admission endothelial_cell	<i>MUC20</i>	-0.00306926	0.012600819	0.383883546	1
T2DM_admission endothelial_cell	<i>MSX1</i>	-0.00262141	0.039201772	0.572866521	1
T2DM_admission endothelial_cell	<i>RPL9</i>	-0.000252459	0.026326763	0.492442108	1
T2DM_admission endothelial_cell	<i>SRP72</i>	0.000963619	0.021051898	0.467190243	1
T2DM_admission endothelial_cell	<i>ARL9</i>	-0.011581124	0.001394292	0.133744794	1
T2DM_admission endothelial_cell	<i>CXCL6</i>	0.004850687	0.027792023	0.501227517	1
T2DM_admission endothelial_cell	<i>TMEM150C</i>	-0.006319169	0.042768212	0.586065504	1
T2DM_admission endothelial_cell	<i>SAP30</i>	-0.00283595	0.01075743	0.356137577	1
T2DM_admission endothelial_cell	<i>CYP4V2</i>	-0.006550362	0.027632888	0.501227517	1
T2DM_admission endothelial_cell	<i>MTNR1A</i>	-0.050411125	0.036667767	0.55312144	1
T2DM_admission endothelial_cell	<i>GOLPH3</i>	-0.001462966	0.042510387	0.586065504	1
T2DM_admission endothelial_cell	<i>MAP1B</i>	-0.000630859	0.005161929	0.260956448	1
T2DM_admission endothelial_cell	<i>REEP5</i>	0.000594601	0.028535809	0.503549341	1
T2DM_admission endothelial_cell	<i>DTWD2</i>	0.010886876	0.006556465	0.291996851	1
T2DM_admission endothelial_cell	<i>PDLIM4</i>	-0.001356861	0.002957206	0.192888945	1
T2DM_admission endothelial_cell	<i>SLC22A5</i>	-0.004461976	0.025047831	0.478854868	1
T2DM_admission endothelial_cell	<i>PCDHB11</i>	0.005578456	0.010488685	0.350340805	1
T2DM_admission endothelial_cell	<i>SLU7</i>	-0.001276493	0.004382608	0.24110789	1
T2DM_admission endothelial_cell	<i>UIMC1</i>	-0.00385333	0.018799481	0.465754036	1
T2DM_admission endothelial_cell	<i>TXNDC5</i>	-0.005882848	0.003524709	0.216068054	1
T2DM_admission endothelial_cell	<i>TRIM38</i>	-0.00663748	0.001894377	0.141737251	1
T2DM_admission endothelial_cell	<i>ZFP57</i>	-0.017954244	0.010434526	0.350340805	1
T2DM_admission endothelial_cell	<i>PPT2</i>	-0.010439514	0.019565818	0.46621481	1
T2DM_admission endothelial_cell	<i>AGER</i>	-0.013246946	0.009576085	0.350340805	1
T2DM_admission endothelial_cell	<i>PPIL1</i>	-0.007263705	0.040714163	0.576938194	1
T2DM_admission endothelial_cell	<i>KIF6</i>	0.025455518	0.020049227	0.467190243	1
T2DM_admission endothelial_cell	<i>ABCC10</i>	-0.006574243	0.038101115	0.56366275	1
T2DM_admission endothelial_cell	<i>MRPL14</i>	0.001292041	0.020726109	0.467190243	1
T2DM_admission endothelial_cell	<i>LRRC1</i>	-0.003661021	0.010258557	0.350340805	1
T2DM_admission endothelial_cell	<i>SMIM8</i>	-0.006484529	0.009763117	0.350340805	1
T2DM_admission endothelial_cell	<i>BACH2</i>	-0.008401502	0.001098879	0.124572864	1
T2DM_admission endothelial_cell	<i>NUS1</i>	0.001248786	0.020580206	0.467190243	1
T2DM_admission endothelial_cell	<i>RNF146</i>	-0.00568325	0.001634956	0.135342861	1
T2DM_admission endothelial_cell	<i>L3MBTL3</i>	0.004177324	0.004334217	0.24110789	1
T2DM_admission endothelial_cell	<i>SLC35D3</i>	-0.018956249	0.027973795	0.501227517	1
T2DM_admission endothelial_cell	<i>PLEKHG1</i>	0.004575778	0.045922888	0.59364649	1
T2DM_admission endothelial_cell	<i>TULP4</i>	0.001889164	0.037459139	0.558305332	1
T2DM_admission endothelial_cell	<i>RNASET2</i>	-0.00289082	0.028389065	0.503549341	1
T2DM_admission endothelial_cell	<i>PRKAR1B</i>	-0.005331093	0.013320612	0.394605667	1
T2DM_admission endothelial_cell	<i>CARD11</i>	-0.008100143	0.006849442	0.301456014	1
T2DM_admission endothelial_cell	<i>EIF2AK1</i>	-0.005006451	0.005483573	0.269921678	1
T2DM_admission endothelial_cell	<i>PRR15</i>	-0.008044899	0.018055864	0.46178674	1
T2DM_admission endothelial_cell	<i>CRHR2</i>	-0.040000987	8.39E-06	0.031403957	0.031403957
T2DM_admission endothelial_cell	<i>PSPH</i>	-0.009002229	0.034488156	0.533141295	1
T2DM_admission endothelial_cell	<i>CRCP</i>	0.00215721	0.035586888	0.545616998	1

T2DM_admission	endothelial_cell	<i>LINC00174</i>	0.005374696	0.024294844	0.478854868	1
T2DM_admission	endothelial_cell	<i>RABGEF1</i>	0.003033771	0.001351292	0.133744794	1
T2DM_admission	endothelial_cell	<i>POM121</i>	0.006085235	0.000794609	0.105565107	1
T2DM_admission	endothelial_cell	<i>GTF2IRD2</i>	-0.002410952	0.035198759	0.54188707	1
T2DM_admission	endothelial_cell	<i>UPK3B</i>	-0.033526505	0.019814967	0.467190243	1
T2DM_admission	endothelial_cell	<i>PTPN12</i>	-0.002847763	0.01545281	0.431410159	1
T2DM_admission	endothelial_cell	<i>AP4MI</i>	-0.006815502	0.031305758	0.527258861	1
T2DM_admission	endothelial_cell	<i>MBLAC1</i>	0.016454658	1.69E-05	0.03155932	0.063118641
T2DM_admission	endothelial_cell	<i>SAP25</i>	-0.010937513	0.04056602	0.576938194	1
T2DM_admission	endothelial_cell	<i>GIGYF1</i>	0.004023662	0.000633575	0.096186299	1
T2DM_admission	endothelial_cell	<i>NAT16</i>	0.004062314	0.008044854	0.327128251	1
T2DM_admission	endothelial_cell	<i>CLDN15</i>	-0.004421819	0.008769824	0.334774624	1
T2DM_admission	endothelial_cell	<i>LRWD1</i>	-0.003594424	0.01168156	0.373998392	1
T2DM_admission	endothelial_cell	<i>THAP5</i>	-0.001789713	0.024907821	0.478854868	1
T2DM_admission	endothelial_cell	<i>SND1</i>	-0.006414635	0.00055948	0.09100063	1
T2DM_admission	endothelial_cell	<i>IRF5</i>	0.007756436	0.018147718	0.46178674	1
T2DM_admission	endothelial_cell	<i>LRRC61</i>	-0.002889542	0.012621672	0.383883546	1
T2DM_admission	endothelial_cell	<i>GIMAP6</i>	0.004186457	0.023278317	0.478854868	1
T2DM_admission	endothelial_cell	<i>PPP1R3B</i>	-0.007561674	0.023438921	0.478854868	1
T2DM_admission	endothelial_cell	<i>RNF122</i>	0.021671256	0.011420822	0.371820958	1
T2DM_admission	endothelial_cell	<i>RNF19A</i>	-0.001487709	0.047322653	0.598087984	1
T2DM_admission	endothelial_cell	<i>YWHAZ</i>	-0.001028814	0.030118584	0.516528535	1
T2DM_admission	endothelial_cell	<i>FOCAD</i>	-0.007331339	0.002689201	0.184584183	1
T2DM_admission	endothelial_cell	<i>DMRTA1</i>	-0.010991296	0.022810146	0.478854868	1
T2DM_admission	endothelial_cell	<i>LRRC19</i>	-0.015349086	0.025935457	0.490022949	1
T2DM_admission	endothelial_cell	<i>IL11RA</i>	-0.006965289	0.008944142	0.337980136	1
T2DM_admission	endothelial_cell	<i>PRPF4</i>	-0.006049675	0.000932859	0.112575072	1
T2DM_admission	endothelial_cell	<i>BSPRY</i>	0.003945627	0.012948759	0.390655705	1
T2DM_admission	endothelial_cell	<i>PSMD5</i>	0.005708699	0.010271276	0.350340805	1
T2DM_admission	endothelial_cell	<i>OLFML2A</i>	-0.009151274	0.044700917	0.590547923	1
T2DM_admission	endothelial_cell	<i>ARPC5L</i>	-0.00102006	0.001565008	0.135342861	1
T2DM_admission	endothelial_cell	<i>RPL12</i>	-0.000358559	0.001666533	0.135342861	1
T2DM_admission	endothelial_cell	<i>DDX31</i>	0.005114133	0.019067619	0.46621481	1
T2DM_admission	endothelial_cell	<i>DBH</i>	-0.002172263	0.04488598	0.590547923	1
T2DM_admission	endothelial_cell	<i>INPP5E</i>	-0.008336557	0.022844936	0.478854868	1
T2DM_admission	endothelial_cell	<i>NOXA1</i>	-0.009605333	0.000505399	0.088481947	1
T2DM_admission	endothelial_cell	<i>TRDMT1</i>	-0.014430667	0.004941122	0.260348399	1
T2DM_admission	endothelial_cell	<i>MASTL</i>	-0.006048334	0.030154921	0.516528535	1
T2DM_admission	endothelial_cell	<i>ARHGAP12</i>	-0.004301693	0.002119039	0.152448578	1
T2DM_admission	endothelial_cell	<i>ASAH2</i>	-0.01548506	0.019326904	0.46621481	1
T2DM_admission	endothelial_cell	<i>ASAH2B</i>	0.010802912	0.04184255	0.586065504	1
T2DM_admission	endothelial_cell	<i>STOX1</i>	-0.010643254	0.016231423	0.440855544	1
T2DM_admission	endothelial_cell	<i>SGPL1</i>	0.002557664	0.005694213	0.273103225	1
T2DM_admission	endothelial_cell	<i>SEMA4G</i>	-0.011630027	0.000194761	0.065831411	0.728602064
T2DM_admission	endothelial_cell	<i>GSTO2</i>	-0.002170661	0.001753881	0.135342861	1
T2DM_admission	endothelial_cell	<i>RBM20</i>	-0.027476578	0.032823491	0.531689049	1
T2DM_admission	endothelial_cell	<i>PRAP1</i>	0.046927694	0.032028102	0.527258861	1
T2DM_admission	endothelial_cell	<i>RRAS2</i>	-0.002656727	0.012404351	0.383509728	1
T2DM_admission	endothelial_cell	<i>SAAL1</i>	-0.007506829	0.000674328	0.096186299	1
T2DM_admission	endothelial_cell	<i>TIMM10</i>	0.003033934	0.022416493	0.478854868	1
T2DM_admission	endothelial_cell	<i>ZDHHC5</i>	-0.002956568	0.010478356	0.350340805	1
T2DM_admission	endothelial_cell	<i>RAD9A</i>	-0.003914556	0.011429941	0.371820958	1
T2DM_admission	endothelial_cell	<i>FCHSD2</i>	-0.005163709	0.048392378	0.603646383	1
T2DM_admission	endothelial_cell	<i>PLEKHB1</i>	-0.005294874	0.026596934	0.49502055	1
T2DM_admission	endothelial_cell	<i>XRRAl</i>	-0.003212229	0.001168279	0.12854503	1
T2DM_admission	endothelial_cell	<i>CREBZF</i>	-0.003339298	0.025120375	0.478854868	1

T2DM_admission	endothelial_cell	<i>CEP57</i>	-0.002603971	0.007713334	0.320617579	1
T2DM_admission	endothelial_cell	<i>MMP1</i>	-0.002189108	0.027120274	0.500691408	1
T2DM_admission	endothelial_cell	<i>IL18</i>	0.006032197	0.027194558	0.500691408	1
T2DM_admission	endothelial_cell	<i>HMBS</i>	-0.0059865	0.00401093	0.234248209	1
T2DM_admission	endothelial_cell	<i>POU2F3</i>	0.019796366	9.03E-05	0.05246853	0.337664236
T2DM_admission	endothelial_cell	<i>JAM3</i>	-0.004392596	0.008640965	0.334141585	1
T2DM_admission	endothelial_cell	<i>GLB1L2</i>	-0.009190956	0.03687908	0.553795434	1
T2DM_admission	endothelial_cell	<i>B3GAT1</i>	-0.029053709	0.00338324	0.210944986	1
T2DM_admission	endothelial_cell	<i>LRRC23</i>	-0.004449203	3.61E-05	0.033730799	0.134923198
T2DM_admission	endothelial_cell	<i>GPRC5A</i>	-0.012905147	0.002990526	0.192888945	1
T2DM_admission	endothelial_cell	<i>LMO3</i>	-0.007786221	0.024136296	0.478854868	1
T2DM_admission	endothelial_cell	<i>RPS26</i>	-0.000538893	0.002102237	0.152448578	1
T2DM_admission	endothelial_cell	<i>LRIG3</i>	-0.004599141	0.038740189	0.568341365	1
T2DM_admission	endothelial_cell	<i>HELB</i>	-0.009590029	0.004671837	0.253294838	1
T2DM_admission	endothelial_cell	<i>WSCD2</i>	-0.017289307	0.000246362	0.065831411	0.921639756
T2DM_admission	endothelial_cell	<i>GATC</i>	-0.00632811	0.003580919	0.216068054	1
T2DM_admission	endothelial_cell	<i>POP5</i>	-0.0048707	0.000132254	0.058561788	0.494762667
T2DM_admission	endothelial_cell	<i>SCARB1</i>	-0.003443587	0.046141201	0.59364649	1
T2DM_admission	endothelial_cell	<i>BR13BP</i>	-0.007665395	0.00536288	0.267500443	1
T2DM_admission	endothelial_cell	<i>RIMBP2</i>	-0.003076023	0.007635089	0.320617579	1
T2DM_admission	endothelial_cell	<i>RNASEH2B</i>	-0.003829167	0.043179025	0.589535525	1
T2DM_admission	endothelial_cell	<i>TBC1D4</i>	-0.006704848	0.001772735	0.135342861	1
T2DM_admission	endothelial_cell	<i>PROZ</i>	-0.035608347	0.016739779	0.447310815	1
T2DM_admission	endothelial_cell	<i>HAUS4</i>	-0.007809166	0.000140886	0.058561788	0.527056092
T2DM_admission	endothelial_cell	<i>DCAF11</i>	-0.003924903	0.040532866	0.576938194	1
T2DM_admission	endothelial_cell	<i>RALGAPAI</i>	0.001159045	0.030742412	0.520395312	1
T2DM_admission	endothelial_cell	<i>RPL36AL</i>	-0.000723222	0.033838258	0.531689049	1
T2DM_admission	endothelial_cell	<i>DAAMI</i>	-0.001541679	0.019506953	0.46621481	1
T2DM_admission	endothelial_cell	<i>ANGEL1</i>	-0.007946458	0.010262712	0.350340805	1
T2DM_admission	endothelial_cell	<i>TMED8</i>	-0.001411035	0.001565345	0.135342861	1
T2DM_admission	endothelial_cell	<i>NOXRED1</i>	-0.028788802	0.030237837	0.516528535	1
T2DM_admission	endothelial_cell	<i>SPATA7</i>	-0.003169396	0.04028455	0.576938194	1
T2DM_admission	endothelial_cell	<i>INF2</i>	-0.005666549	0.047080982	0.597130925	1
T2DM_admission	endothelial_cell	<i>SIVA1</i>	-0.000840793	0.044435687	0.590547923	1
T2DM_admission	endothelial_cell	<i>AKT1</i>	-0.002183067	0.047862796	0.600854766	1
T2DM_admission	endothelial_cell	<i>CEP170B</i>	-0.003717109	0.001507007	0.135342861	1
T2DM_admission	endothelial_cell	<i>GOLGA8N</i>	-0.014222872	0.021230244	0.467190243	1
T2DM_admission	endothelial_cell	<i>RPAP1</i>	-0.007786129	0.008385404	0.333721244	1
T2DM_admission	endothelial_cell	<i>JMJD7</i>	0.011745573	0.006230692	0.287765678	1
T2DM_admission	endothelial_cell	<i>CYP19A1</i>	-0.015800786	0.033320212	0.531689049	1
T2DM_admission	endothelial_cell	<i>TLE3</i>	-0.002101006	0.013666747	0.396534702	1
T2DM_admission	endothelial_cell	<i>HCN4</i>	0.019626951	0.013396129	0.394605667	1
T2DM_admission	endothelial_cell	<i>ULK3</i>	0.009323546	0.033365416	0.531689049	1
T2DM_admission	endothelial_cell	<i>RPP25</i>	0.003631294	0.00711911	0.30968127	1
T2DM_admission	endothelial_cell	<i>TPSD1</i>	-0.031124998	0.037008516	0.553795434	1
T2DM_admission	endothelial_cell	<i>HAGH</i>	-0.002705332	0.019441399	0.46621481	1
T2DM_admission	endothelial_cell	<i>FAHD1</i>	-0.007001715	0.00105266	0.123062588	1
T2DM_admission	endothelial_cell	<i>RPL3L</i>	-0.032990876	0.033967838	0.531689049	1
T2DM_admission	endothelial_cell	<i>RPS2</i>	-0.000244292	0.000818334	0.105565107	1
T2DM_admission	endothelial_cell	<i>PLA2G10</i>	0.01750748	0.00298362	0.192888945	1
T2DM_admission	endothelial_cell	<i>KNOPI</i>	0.00384586	0.028465761	0.503549341	1
T2DM_admission	endothelial_cell	<i>SLC5A11</i>	-0.033554531	0.000164123	0.061398546	0.613985458
T2DM_admission	endothelial_cell	<i>LCMT1</i>	-0.002686195	0.02616517	0.491878907	1
T2DM_admission	endothelial_cell	<i>AQP8</i>	-0.008843921	0.000223947	0.065831411	0.83778662
T2DM_admission	endothelial_cell	<i>HEATR3</i>	-0.007014194	0.019505086	0.46621481	1
T2DM_admission	endothelial_cell	<i>PHLPP2</i>	-0.002112129	0.02094147	0.467190243	1

T2DM_admission endothelial_cell	<i>TAF1C</i>	-0.003640709	0.018515908	0.46178674	1
T2DM_admission endothelial_cell	<i>ZDHHC7</i>	-0.005749723	0.031724218	0.527258861	1
T2DM_admission endothelial_cell	<i>MAP1LC3B</i>	-0.000906346	0.021222615	0.467190243	1
T2DM_admission endothelial_cell	<i>RPH3AL</i>	-0.005034069	0.030457117	0.51790943	1
T2DM_admission endothelial_cell	<i>VPS53</i>	-0.003156073	0.046115741	0.59364649	1
T2DM_admission endothelial_cell	<i>TRPV3</i>	-0.030945841	0.000355518	0.083124655	1
T2DM_admission endothelial_cell	<i>KCNAB3</i>	-0.012832434	0.001515506	0.135342861	1
T2DM_admission endothelial_cell	<i>ELAC2</i>	-0.003733265	0.017408362	0.455417366	1
T2DM_admission endothelial_cell	<i>TRPV2</i>	-0.008386367	0.03654946	0.55312144	1
T2DM_admission endothelial_cell	<i>ALDH3A2</i>	0.002192429	0.020617323	0.467190243	1
T2DM_admission endothelial_cell	<i>VTN</i>	-0.00093392	0.044656524	0.590547923	1
T2DM_admission endothelial_cell	<i>SLFN12</i>	0.020937239	0.024928788	0.478854868	1
T2DM_admission endothelial_cell	<i>PIP4K2B</i>	-0.007154424	0.046177794	0.59364649	1
T2DM_admission endothelial_cell	<i>CWC25</i>	-0.001758176	0.022339194	0.478854868	1
T2DM_admission endothelial_cell	<i>HSD17B1</i>	-0.005410114	0.009613989	0.350340805	1
T2DM_admission endothelial_cell	<i>BECN1</i>	0.002964529	0.000694207	0.096186299	1
T2DM_admission endothelial_cell	<i>TEX14</i>	-0.006927307	0.010203705	0.350340805	1
T2DM_admission endothelial_cell	<i>MILR1</i>	-0.01549573	0.000654513	0.096186299	1
T2DM_admission endothelial_cell	<i>WIP1I</i>	-0.002406365	0.00597139	0.279237121	1
T2DM_admission endothelial_cell	<i>ITGB4</i>	-0.017773689	0.01732129	0.455417366	1
T2DM_admission endothelial_cell	<i>FBF1</i>	-0.011228929	0.008663922	0.334141585	1
T2DM_admission endothelial_cell	<i>MXRA7</i>	-0.001364256	0.032317436	0.527945534	1
T2DM_admission endothelial_cell	<i>CCDC40</i>	-0.008259668	0.018447855	0.46178674	1
T2DM_admission endothelial_cell	<i>LINC00667</i>	-0.001368174	0.014477635	0.413441483	1
T2DM_admission endothelial_cell	<i>GNAL</i>	-0.005229395	0.033944489	0.531689049	1
T2DM_admission endothelial_cell	<i>CEP192</i>	0.003576858	0.0486172	0.604242339	1
T2DM_admission endothelial_cell	<i>ANKRD30B</i>	-0.016979438	0.036411782	0.55312144	1
T2DM_admission endothelial_cell	<i>SLC14A1</i>	0.008698022	0.046511135	0.595639854	1
T2DM_admission endothelial_cell	<i>SHC2</i>	0.003331513	0.024607523	0.478854868	1
T2DM_admission endothelial_cell	<i>TIMM13</i>	0.000956789	0.032134461	0.527258861	1
T2DM_admission endothelial_cell	<i>ZNF554</i>	-0.004720162	0.041738166	0.586065504	1
T2DM_admission endothelial_cell	<i>ZNF555</i>	-0.003345435	0.001333201	0.133744794	1
T2DM_admission endothelial_cell	<i>ZNF556</i>	-0.017242979	0.003158959	0.200299393	1
T2DM_admission endothelial_cell	<i>TLE6</i>	-0.016822373	0.04665129	0.595639854	1
T2DM_admission endothelial_cell	<i>GNA15</i>	-0.033540887	9.82E-05	0.05246853	0.367279713
T2DM_admission endothelial_cell	<i>MRPL54</i>	-0.001526575	0.018118498	0.46178674	1
T2DM_admission endothelial_cell	<i>HNRNPM</i>	-0.001403695	0.042637436	0.586065504	1
T2DM_admission endothelial_cell	<i>SPC24</i>	-0.022160664	0.034486383	0.533141295	1
T2DM_admission endothelial_cell	<i>DOCK6</i>	-0.002478198	0.024515418	0.478854868	1
T2DM_admission endothelial_cell	<i>MRII</i>	-0.012237721	0.000520343	0.088481947	1
T2DM_admission endothelial_cell	<i>ABHD8</i>	-0.005692542	0.001293841	0.133744794	1
T2DM_admission endothelial_cell	<i>PIK3R2</i>	-0.003387412	0.033046309	0.531689049	1
T2DM_admission endothelial_cell	<i>ZNF681</i>	0.00489761	0.02783387	0.501227517	1
T2DM_admission endothelial_cell	<i>ZNF507</i>	-0.001847079	0.018093604	0.46178674	1
T2DM_admission endothelial_cell	<i>ATP4A</i>	-0.077362025	0.000494639	0.088481947	1
T2DM_admission endothelial_cell	<i>IGFLR1</i>	-0.006666758	0.039869493	0.576938194	1
T2DM_admission endothelial_cell	<i>APLP1</i>	-0.001754577	0.025021362	0.478854868	1
T2DM_admission endothelial_cell	<i>PPP1R14A</i>	-0.009759802	0.000481224	0.088481947	1
T2DM_admission endothelial_cell	<i>BCKDHA</i>	-0.005353245	0.042206599	0.586065504	1
T2DM_admission endothelial_cell	<i>CXCL17</i>	-0.00997395	0.04517915	0.590608926	1
T2DM_admission endothelial_cell	<i>PHLDB3</i>	-0.007030785	0.04472902	0.590547923	1
T2DM_admission endothelial_cell	<i>PRR12</i>	-0.005577198	0.024223797	0.478854868	1
T2DM_admission endothelial_cell	<i>NUP62</i>	-0.002978208	0.044267508	0.590547923	1
T2DM_admission endothelial_cell	<i>ZNF211</i>	-0.003346397	0.031723527	0.527258861	1
T2DM_admission endothelial_cell	<i>VPS16</i>	-0.006589987	0.011696822	0.373998392	1
T2DM_admission endothelial_cell	<i>MRPS26</i>	0.001828977	0.001375757	0.133744794	1

T2DM_admission endothelial_cell	<i>SPTLC3</i>	-0.024070723	0.022426829	0.478854868	1
T2DM_admission endothelial_cell	<i>CST2</i>	0.00904804	0.042374207	0.586065504	1
T2DM_admission endothelial_cell	<i>APMAP</i>	-0.002884868	0.012089519	0.376890764	1
T2DM_admission endothelial_cell	<i>CHMP4B</i>	-0.000888192	0.011934509	0.376890764	1
T2DM_admission endothelial_cell	<i>MROH8</i>	-0.007159178	0.015356949	0.431410159	1
T2DM_admission endothelial_cell	<i>NCOA3</i>	-0.002507424	0.004300984	0.24110789	1
T2DM_admission endothelial_cell	<i>MTG2</i>	-0.004190069	0.008514604	0.334141585	1
T2DM_admission endothelial_cell	<i>ARFRP1</i>	-0.007794977	0.044197888	0.590547923	1
T2DM_admission endothelial_cell	<i>LIME1</i>	0.009904598	0.043956761	0.590547923	1
T2DM_admission endothelial_cell	<i>PIGP</i>	-0.003099795	0.018415517	0.46178674	1
T2DM_admission endothelial_cell	<i>SH3BGR</i>	0.006272892	0.02466875	0.478854868	1
T2DM_admission endothelial_cell	<i>PTTG1IP</i>	-0.001815646	0.045310014	0.590608926	1
T2DM_admission endothelial_cell	<i>DGCR6</i>	-0.010263337	0.029074724	0.510650428	1
T2DM_admission endothelial_cell	<i>SUSD2</i>	-0.007422555	0.008364484	0.333721244	1
T2DM_admission endothelial_cell	<i>UQCRI0</i>	-0.000958247	0.005109537	0.260956448	1
T2DM_admission endothelial_cell	<i>APOBEC3C</i>	-0.010574265	0.047087309	0.597130925	1
T2DM_admission endothelial_cell	<i>APOBEC3D</i>	-0.023129849	0.04840789	0.603646383	1
T2DM_admission endothelial_cell	<i>BIK</i>	-0.005373378	0.025216362	0.478854868	1
T2DM_admission endothelial_cell	<i>TBC1D22A</i>	0.002754253	0.044392979	0.590547923	1
T2DM_admission endothelial_cell	<i>ALG12</i>	-0.004752768	0.015298751	0.431410159	1
T2DM_admission endothelial_cell	<i>CRELD2</i>	-0.001534969	0.024366299	0.478854868	1
T2DM_admission endothelial_cell	<i>SCO2</i>	-0.003793424	0.001762631	0.135342861	1
T2DM_admission epsilon_cell	<i>KLHL17</i>	-0.016745949	0.033838893	0.243444806	1
T2DM_admission epsilon_cell	<i>ATAD3A</i>	-0.007342735	0.003083451	0.103367692	1
T2DM_admission epsilon_cell	<i>CEP104</i>	-0.004985254	0.006315786	0.139806833	1
T2DM_admission epsilon_cell	<i>DFFB</i>	-0.01581608	0.002154576	0.091593953	1
T2DM_admission epsilon_cell	<i>ICMT</i>	-0.003559395	0.026887704	0.230327521	1
T2DM_admission epsilon_cell	<i>VAMP3</i>	-0.001243303	0.030050798	0.237270857	1
T2DM_admission epsilon_cell	<i>CLSTN1</i>	-0.002304342	0.040340999	0.259920606	1
T2DM_admission epsilon_cell	<i>MTHFR</i>	-0.00561038	0.000766295	0.062319808	1
T2DM_admission epsilon_cell	<i>FHAD1</i>	-0.010063639	0.041861519	0.264981293	1
T2DM_admission epsilon_cell	<i>NBPF3</i>	-0.012886874	0.021069225	0.213415358	1
T2DM_admission epsilon_cell	<i>CNKSR1</i>	-0.008329141	0.012349359	0.172313539	1
T2DM_admission epsilon_cell	<i>CEP85</i>	-0.015762815	0.009939327	0.163309872	1
T2DM_admission epsilon_cell	<i>RPA2</i>	-0.005912113	0.006600339	0.141711472	1
T2DM_admission epsilon_cell	<i>XKR8</i>	-0.004545701	0.043336618	0.267970723	1
T2DM_admission epsilon_cell	<i>AGO4</i>	-0.006510253	0.008416646	0.155973609	1
T2DM_admission epsilon_cell	<i>Clorf109</i>	-0.003039758	0.012683648	0.173221619	1
T2DM_admission epsilon_cell	<i>INPP5B</i>	-0.00593464	0.038597352	0.254660838	1
T2DM_admission epsilon_cell	<i>PPIE</i>	-0.00398858	0.044680276	0.269594704	1
T2DM_admission epsilon_cell	<i>MYCL</i>	0.005417931	0.038324023	0.253967717	1
T2DM_admission epsilon_cell	<i>GUCA2A</i>	-0.011283369	0.031906713	0.237578325	1
T2DM_admission epsilon_cell	<i>ERMAP</i>	-0.009014435	0.028929451	0.234168793	1
T2DM_admission epsilon_cell	<i>PDZK1IP1</i>	-0.004401082	0.049306122	0.279900157	1
T2DM_admission epsilon_cell	<i>EPS15</i>	-0.002896526	0.004076206	0.114654798	1
T2DM_admission epsilon_cell	<i>CC2D1B</i>	-0.008753232	0.023200538	0.221175543	1
T2DM_admission epsilon_cell	<i>ORC1</i>	-0.027014766	0.007370736	0.147318449	1
T2DM_admission epsilon_cell	<i>GPX7</i>	-0.004271249	0.047902409	0.276547701	1
T2DM_admission epsilon_cell	<i>TM2D1</i>	-0.004059857	0.008879015	0.156513976	1
T2DM_admission epsilon_cell	<i>UBE2U</i>	-0.039891797	0.011575444	0.168497027	1
T2DM_admission epsilon_cell	<i>LEPROT</i>	-0.00101218	0.033766847	0.243394557	1
T2DM_admission epsilon_cell	<i>FPGT</i>	-0.006679641	0.038181105	0.25370429	1
T2DM_admission epsilon_cell	<i>TNNI3K</i>	-0.025012722	0.012212389	0.172313539	1
T2DM_admission epsilon_cell	<i>GNG5</i>	-0.001042257	0.003569327	0.106822828	1
T2DM_admission epsilon_cell	<i>MCOLN3</i>	-0.003804147	0.038795078	0.255307466	1
T2DM_admission epsilon_cell	<i>GBP3</i>	-0.008884297	0.024258754	0.22136746	1

T2DM_admission	epsilon_cell	<i>CDC7</i>	-0.01216689	0.00132982	0.077732148	1
T2DM_admission	epsilon_cell	<i>TMED5</i>	-0.001736093	0.010402519	0.164560831	1
T2DM_admission	epsilon_cell	<i>CCDC18</i>	-0.009332153	0.001031036	0.074175115	1
T2DM_admission	epsilon_cell	<i>LRRC39</i>	0.011975046	0.002822785	0.102524636	1
T2DM_admission	epsilon_cell	<i>RTCA</i>	-0.005709997	1.13E-07	0.000211189	0.000422378
T2DM_admission	epsilon_cell	<i>GSTM3</i>	-0.002298994	0.028699108	0.234168793	1
T2DM_admission	epsilon_cell	<i>SRGAP2C</i>	-0.006253803	0.001571654	0.082448359	1
T2DM_admission	epsilon_cell	<i>NUDT17</i>	-0.00685265	0.0039315	0.111805493	1
T2DM_admission	epsilon_cell	<i>DENND4B</i>	-0.005051867	0.047121091	0.275437502	1
T2DM_admission	epsilon_cell	<i>BGLAP</i>	-0.021205107	0.006819605	0.141711472	1
T2DM_admission	epsilon_cell	<i>PAQR6</i>	-0.012149276	0.003094676	0.103367692	1
T2DM_admission	epsilon_cell	<i>NIT1</i>	-0.006149564	0.02977762	0.237270857	1
T2DM_admission	epsilon_cell	<i>CCDC181</i>	-0.00446018	0.024147113	0.22136746	1
T2DM_admission	epsilon_cell	<i>FMO3</i>	-0.016748349	0.044968483	0.269594704	1
T2DM_admission	epsilon_cell	<i>TSEN15</i>	-0.00220646	0.020553316	0.211392559	1
T2DM_admission	epsilon_cell	<i>ARL8A</i>	-0.001943704	0.029811616	0.237270857	1
T2DM_admission	epsilon_cell	<i>CH13L1</i>	-0.005387487	0.00578407	0.137688763	1
T2DM_admission	epsilon_cell	<i>GOLT1A</i>	-0.004587883	0.003945021	0.111805493	1
T2DM_admission	epsilon_cell	<i>LBR</i>	-0.003815326	0.016167129	0.191130032	1
T2DM_admission	epsilon_cell	<i>LEFTY1</i>	-0.023542706	0.000715002	0.059440528	1
T2DM_admission	epsilon_cell	<i>AGT</i>	-0.004252703	0.026729583	0.230327521	1
T2DM_admission	epsilon_cell	<i>COA6</i>	-0.004628037	0.006267023	0.139806833	1
T2DM_admission	epsilon_cell	<i>EFCAB2</i>	-0.006899717	0.008252747	0.155926909	1
T2DM_admission	epsilon_cell	<i>TRIM58</i>	0.01479041	0.003011218	0.103367692	1
T2DM_admission	epsilon_cell	<i>SH3YL1</i>	-0.002338855	0.006599592	0.141711472	1
T2DM_admission	epsilon_cell	<i>TAF1B</i>	-0.007150866	0.011741146	0.169589294	1
T2DM_admission	epsilon_cell	<i>POMC</i>	-0.002436265	0.045567462	0.271103487	1
T2DM_admission	epsilon_cell	<i>ATRAID</i>	0.000890641	0.032007345	0.237578325	1
T2DM_admission	epsilon_cell	<i>CAD</i>	0.005555222	0.04400377	0.268983828	1
T2DM_admission	epsilon_cell	<i>PPP1CB</i>	-0.000854524	0.014737985	0.185016116	1
T2DM_admission	epsilon_cell	<i>RASGRP3</i>	-0.005734194	0.039727994	0.257509406	1
T2DM_admission	epsilon_cell	<i>STRN</i>	-0.003810864	0.035240164	0.247980422	1
T2DM_admission	epsilon_cell	<i>CEBPZ</i>	-0.001738626	0.010393039	0.164560831	1
T2DM_admission	epsilon_cell	<i>PLEKHH2</i>	-0.004983806	0.010323909	0.164560831	1
T2DM_admission	epsilon_cell	<i>EML6</i>	-0.007421075	0.005280243	0.132594252	1
T2DM_admission	epsilon_cell	<i>CLHC1</i>	-0.007130662	0.003542408	0.106822828	1
T2DM_admission	epsilon_cell	<i>FANCL</i>	-0.00919637	0.020289709	0.211392559	1
T2DM_admission	epsilon_cell	<i>CEP68</i>	-0.005806221	0.001792227	0.087914214	1
T2DM_admission	epsilon_cell	<i>PPP3R1</i>	-0.00158173	0.012580811	0.173032411	1
T2DM_admission	epsilon_cell	<i>SNRNP27</i>	-0.002269595	0.025152012	0.2243098	1
T2DM_admission	epsilon_cell	<i>NAGK</i>	-0.010210112	0.000161051	0.03171011	0.602492087
T2DM_admission	epsilon_cell	<i>LBX2</i>	-0.018578986	0.015050671	0.186306999	1
T2DM_admission	epsilon_cell	<i>CTNNA2</i>	-0.015046677	0.032634884	0.23938647	1
T2DM_admission	epsilon_cell	<i>TGOLN2</i>	-0.001626413	0.0084387	0.155973609	1
T2DM_admission	epsilon_cell	<i>MRPL35</i>	-0.003804144	0.048311276	0.277014893	1
T2DM_admission	epsilon_cell	<i>PLGLB1</i>	-0.031101609	0.049013804	0.27866359	1
T2DM_admission	epsilon_cell	<i>RGPD2</i>	-0.0232742	0.017890185	0.196844651	1
T2DM_admission	epsilon_cell	<i>THNSL2</i>	-0.007598323	4.25E-05	0.013253332	0.15903999
T2DM_admission	epsilon_cell	<i>KANSL3</i>	-0.006285127	0.000218608	0.038943421	0.817811848
T2DM_admission	epsilon_cell	<i>ACTR1B</i>	-0.005027704	0.01669308	0.191706552	1
T2DM_admission	epsilon_cell	<i>MRPS9</i>	-0.004339771	0.006063804	0.139806833	1
T2DM_admission	epsilon_cell	<i>TGFBRAP1</i>	-0.00298008	0.040022909	0.258593613	1
T2DM_admission	epsilon_cell	<i>GCC2</i>	-0.001091693	0.020506114	0.211392559	1
T2DM_admission	epsilon_cell	<i>TMEM87B</i>	-0.003961272	0.023156888	0.221175543	1
T2DM_admission	epsilon_cell	<i>CHCHD5</i>	-0.001964078	0.022415541	0.219313868	1
T2DM_admission	epsilon_cell	<i>SLC20A1</i>	-0.002918011	0.017755907	0.195943508	1

T2DM_admission	epsilon_cell	<i>ERCC3</i>	-0.005192676	0.001287157	0.076448846	1
T2DM_admission	epsilon_cell	<i>MZT2A</i>	-0.002126462	0.0025685	0.101144832	1
T2DM_admission	epsilon_cell	<i>C2orf27A</i>	-0.003511679	0.024218112	0.22136746	1
T2DM_admission	epsilon_cell	<i>NOSTRIN</i>	-0.010544485	0.035082366	0.247980422	1
T2DM_admission	epsilon_cell	<i>PHOSPHO2</i>	-0.01121052	0.002040354	0.08979959	1
T2DM_admission	epsilon_cell	<i>CYBRD1</i>	-0.004685408	0.006152254	0.139806833	1
T2DM_admission	epsilon_cell	<i>PDK1</i>	-0.003375281	0.046179028	0.272261078	1
T2DM_admission	epsilon_cell	<i>PMS1</i>	0.006341887	0.024248103	0.22136746	1
T2DM_admission	epsilon_cell	<i>GTF3C3</i>	-0.004597571	0.011986994	0.171157803	1
T2DM_admission	epsilon_cell	<i>ANKRD44</i>	-0.008033018	0.040367247	0.259920606	1
T2DM_admission	epsilon_cell	<i>FTCDNL1</i>	-0.022801783	0.043963402	0.268983828	1
T2DM_admission	epsilon_cell	<i>CNPPD1</i>	-0.003958926	0.042069528	0.265789075	1
T2DM_admission	epsilon_cell	<i>ATG9A</i>	-0.003088738	0.04329869	0.267970723	1
T2DM_admission	epsilon_cell	<i>C2orf72</i>	-0.016053185	0.006805293	0.141711472	1
T2DM_admission	epsilon_cell	<i>CHL1</i>	-0.010535967	0.0075707	0.148290986	1
T2DM_admission	epsilon_cell	<i>THUMPD3</i>	-0.002809767	0.002543079	0.101144832	1
T2DM_admission	epsilon_cell	<i>JAGN1</i>	-0.002383986	0.019277983	0.207238312	1
T2DM_admission	epsilon_cell	<i>CRELD1</i>	-0.004536635	0.003463201	0.106822828	1
T2DM_admission	epsilon_cell	<i>ATG7</i>	-0.008713958	0.010555799	0.164560831	1
T2DM_admission	epsilon_cell	<i>CTDSPL</i>	-0.002367253	0.002713378	0.101834209	1
T2DM_admission	epsilon_cell	<i>NKTR</i>	-0.001677967	0.028324462	0.234168793	1
T2DM_admission	epsilon_cell	<i>ZNF445</i>	-0.004568025	0.041709571	0.264915967	1
T2DM_admission	epsilon_cell	<i>LIMD1</i>	-0.005768201	0.020031364	0.210853027	1
T2DM_admission	epsilon_cell	<i>CCR1</i>	-0.020496457	0.013362439	0.176017194	1
T2DM_admission	epsilon_cell	<i>ALS2CL</i>	0.01504814	0.000631516	0.057621965	1
T2DM_admission	epsilon_cell	<i>WDR6</i>	-0.003283627	0.02256346	0.219313868	1
T2DM_admission	epsilon_cell	<i>NT5DC2</i>	-0.002896893	0.013163735	0.175871313	1
T2DM_admission	epsilon_cell	<i>ITIH4</i>	-0.008663048	0.008634209	0.156513976	1
T2DM_admission	epsilon_cell	<i>ARHGEF3</i>	-0.006757987	0.015345974	0.186306999	1
T2DM_admission	epsilon_cell	<i>PXK</i>	-0.003489361	0.010216644	0.164560831	1
T2DM_admission	epsilon_cell	<i>CADPS</i>	-0.002057604	0.009387712	0.16036269	1
T2DM_admission	epsilon_cell	<i>CGGBP1</i>	-0.00150356	0.000485796	0.050482296	1
T2DM_admission	epsilon_cell	<i>ST3GAL6</i>	-0.004186834	0.028211283	0.234168793	1
T2DM_admission	epsilon_cell	<i>IFT57</i>	-0.001644595	0.003616768	0.107383557	1
T2DM_admission	epsilon_cell	<i>TAGLN3</i>	-0.004361893	0.037039735	0.250656802	1
T2DM_admission	epsilon_cell	<i>C3orf52</i>	-0.00733598	0.001977869	0.088767234	1
T2DM_admission	epsilon_cell	<i>GCSAM</i>	-0.052544568	0.007299286	0.147318449	1
T2DM_admission	epsilon_cell	<i>SLC9C1</i>	-0.021963347	0.003688808	0.108233305	1
T2DM_admission	epsilon_cell	<i>SLC35A5</i>	-0.005458579	0.021905235	0.217661556	1
T2DM_admission	epsilon_cell	<i>GTPBP8</i>	-0.004425414	0.036038085	0.24802246	1
T2DM_admission	epsilon_cell	<i>SIDT1</i>	-0.018583964	0.023881596	0.22136746	1
T2DM_admission	epsilon_cell	<i>GAP43</i>	-0.02617828	2.08E-06	0.002595831	0.007787493
T2DM_admission	epsilon_cell	<i>UPK1B</i>	-0.008757905	0.008937916	0.156513976	1
T2DM_admission	epsilon_cell	<i>WDR5B</i>	-0.008051623	0.015378668	0.186306999	1
T2DM_admission	epsilon_cell	<i>MYLK</i>	-0.003067135	0.037221786	0.250894954	1
T2DM_admission	epsilon_cell	<i>TPRA1</i>	-0.003346757	0.011042795	0.164586037	1
T2DM_admission	epsilon_cell	<i>NEK11</i>	-0.011188578	0.000790584	0.062927136	1
T2DM_admission	epsilon_cell	<i>TF</i>	-0.009240378	0.008827835	0.156513976	1
T2DM_admission	epsilon_cell	<i>A4GNT</i>	-0.047932323	0.041522636	0.264211422	1
T2DM_admission	epsilon_cell	<i>PLS1</i>	-0.002765114	0.017423287	0.193989631	1
T2DM_admission	epsilon_cell	<i>TRPC1</i>	-0.004276029	0.014646134	0.184482107	1
T2DM_admission	epsilon_cell	<i>VEPH1</i>	-0.016114642	0.012735704	0.173221619	1
T2DM_admission	epsilon_cell	<i>GFM1</i>	-0.002519944	0.036834541	0.25054185	1
T2DM_admission	epsilon_cell	<i>NCEH1</i>	-0.003165008	0.02433118	0.22136746	1
T2DM_admission	epsilon_cell	<i>MRPL47</i>	-0.001406668	0.002763406	0.101834209	1
T2DM_admission	epsilon_cell	<i>MAP6D1</i>	-0.016736083	0.02724825	0.231672055	1

T2DM_admission_epsilon_cell	<i>MUC4</i>	0.028236159	0.034406973	0.244708147	1
T2DM_admission_epsilon_cell	<i>PIGZ</i>	-0.005815354	0.029265056	0.235442098	1
T2DM_admission_epsilon_cell	<i>PCGF3</i>	-0.006411801	0.009744799	0.163309872	1
T2DM_admission_epsilon_cell	<i>ZFYVE28</i>	-0.011820712	0.036397843	0.24802246	1
T2DM_admission_epsilon_cell	<i>ZBTB49</i>	-0.011621703	0.03242089	0.238421437	1
T2DM_admission_epsilon_cell	<i>CLNK</i>	-0.052959936	0.000670971	0.058374462	1
T2DM_admission_epsilon_cell	<i>QDPR</i>	-0.001546719	0.044111194	0.269200615	1
T2DM_admission_epsilon_cell	<i>KLHL5</i>	-0.004377825	0.0002577	0.039956237	0.964055503
T2DM_admission_epsilon_cell	<i>SULT1E1</i>	-0.002147891	0.045582489	0.271103487	1
T2DM_admission_epsilon_cell	<i>G3BP2</i>	-0.002069755	0.014909854	0.186306999	1
T2DM_admission_epsilon_cell	<i>NUP54</i>	-0.004726729	0.002549936	0.101144832	1
T2DM_admission_epsilon_cell	<i>CNOT6L</i>	-0.002031019	0.046228737	0.272261078	1
T2DM_admission_epsilon_cell	<i>PRDM8</i>	-0.022203626	0.016912009	0.1921546	1
T2DM_admission_epsilon_cell	<i>AFF1</i>	-0.002272785	0.047721945	0.27623574	1
T2DM_admission_epsilon_cell	<i>NUDT9</i>	-0.002723056	0.026346226	0.229212169	1
T2DM_admission_epsilon_cell	<i>APIAR</i>	-0.002732393	0.022041106	0.218136978	1
T2DM_admission_epsilon_cell	<i>TIFA</i>	-0.005102913	0.014245538	0.182508761	1
T2DM_admission_epsilon_cell	<i>SLC10A7</i>	-0.009518287	0.028364573	0.234168793	1
T2DM_admission_epsilon_cell	<i>ARFIP1</i>	-0.002051249	0.026018525	0.227418927	1
T2DM_admission_epsilon_cell	<i>FSTL5</i>	-0.005197035	0.02548728	0.224877157	1
T2DM_admission_epsilon_cell	<i>AGA</i>	-0.004313496	0.011336413	0.166311853	1
T2DM_admission_epsilon_cell	<i>DCTD</i>	-0.004756042	0.003919885	0.111805493	1
T2DM_admission_epsilon_cell	<i>PDLIM3</i>	-0.003525791	0.005380683	0.132594252	1
T2DM_admission_epsilon_cell	<i>FAM149A</i>	-0.007169439	0.003134932	0.10338047	1
T2DM_admission_epsilon_cell	<i>KLKB1</i>	-0.01342347	0.005033977	0.129876609	1
T2DM_admission_epsilon_cell	<i>CEP72</i>	-0.022061404	0.015650761	0.18789318	1
T2DM_admission_epsilon_cell	<i>SLC6A19</i>	-0.026954826	0.037119452	0.250656802	1
T2DM_admission_epsilon_cell	<i>GOLPH3</i>	-0.001447617	0.044892081	0.269594704	1
T2DM_admission_epsilon_cell	<i>AMACR</i>	-0.002443478	0.012731897	0.173221619	1
T2DM_admission_epsilon_cell	<i>CARD6</i>	-0.008167927	0.010733184	0.164560831	1
T2DM_admission_epsilon_cell	<i>ERCC8</i>	-0.007268094	0.023137477	0.221175543	1
T2DM_admission_epsilon_cell	<i>MAP1B</i>	-0.000521664	0.020803075	0.212634708	1
T2DM_admission_epsilon_cell	<i>WDR41</i>	-0.004706155	0.044233076	0.269504786	1
T2DM_admission_epsilon_cell	<i>BHMT2</i>	-0.004653987	0.023944059	0.22136746	1
T2DM_admission_epsilon_cell	<i>DHFR</i>	-0.009165297	0.023633705	0.22136746	1
T2DM_admission_epsilon_cell	<i>ATG10</i>	-0.006698381	0.027644912	0.2331129	1
T2DM_admission_epsilon_cell	<i>ATP6AP1L</i>	-0.007192644	0.03570094	0.24802246	1
T2DM_admission_epsilon_cell	<i>ERAP1</i>	-0.008829927	0.002424147	0.098573205	1
T2DM_admission_epsilon_cell	<i>REEP5</i>	0.000557563	0.040952044	0.261802979	1
T2DM_admission_epsilon_cell	<i>MCC</i>	-0.003214403	0.033720941	0.243394557	1
T2DM_admission_epsilon_cell	<i>HSD17B4</i>	-0.004924656	0.005387417	0.132594252	1
T2DM_admission_epsilon_cell	<i>IK</i>	-0.001615315	0.016499	0.191342248	1
T2DM_admission_epsilon_cell	<i>PCDHB8</i>	-0.032111366	0.002860979	0.102626393	1
T2DM_admission_epsilon_cell	<i>PCDHB11</i>	-0.004831501	0.027704595	0.2331129	1
T2DM_admission_epsilon_cell	<i>PCDHGC3</i>	-0.009211882	0.008153202	0.155618005	1
T2DM_admission_epsilon_cell	<i>DIAPH1</i>	-0.002462134	0.005593387	0.135875711	1
T2DM_admission_epsilon_cell	<i>STC2</i>	-0.005712011	0.02853412	0.234168793	1
T2DM_admission_epsilon_cell	<i>RGS14</i>	-0.005242478	0.012399878	0.172313539	1
T2DM_admission_epsilon_cell	<i>DOK3</i>	-0.025432053	4.24E-05	0.013253332	0.158647954
T2DM_admission_epsilon_cell	<i>FAM153A</i>	-0.018162709	0.017577437	0.19495007	1
T2DM_admission_epsilon_cell	<i>TBC1D7</i>	-0.004144773	0.004496337	0.123569911	1
T2DM_admission_epsilon_cell	<i>SIRT5</i>	-0.016371165	0.000706944	0.059440528	1
T2DM_admission_epsilon_cell	<i>DCDC2</i>	-0.005544315	0.003763356	0.109137327	1
T2DM_admission_epsilon_cell	<i>MRS2</i>	-0.005635262	0.021187087	0.213415358	1
T2DM_admission_epsilon_cell	<i>KIAA0319</i>	-0.009093644	0.016107739	0.191130032	1
T2DM_admission_epsilon_cell	<i>TRIM38</i>	-0.00626853	0.003315755	0.105979699	1

T2DM_admission_epsilon_cell	<i>BTN3A3</i>	-0.013629699	0.046184671	0.272261078	1
T2DM_admission_epsilon_cell	<i>ZFP57</i>	-0.025804724	0.000233385	0.039686086	0.873093901
T2DM_admission_epsilon_cell	<i>RNF39</i>	-0.01153996	0.044704282	0.269594704	1
T2DM_admission_epsilon_cell	<i>VWA7</i>	-0.026447173	0.005224064	0.132594252	1
T2DM_admission_epsilon_cell	<i>SNRPC</i>	-0.001640807	0.015387334	0.186306999	1
T2DM_admission_epsilon_cell	<i>LHFPL5</i>	-0.010760467	0.011260125	0.166311853	1
T2DM_admission_epsilon_cell	<i>MAPK13</i>	-0.003483371	0.00487874	0.129876609	1
T2DM_admission_epsilon_cell	<i>ETV7</i>	-0.010072846	0.025183137	0.2243098	1
T2DM_admission_epsilon_cell	<i>CCDC167</i>	-0.006445363	0.000209627	0.038943421	0.784216088
T2DM_admission_epsilon_cell	<i>ABCC10</i>	-0.008363637	0.008506714	0.155973609	1
T2DM_admission_epsilon_cell	<i>TDRD6</i>	-0.007280202	0.036296546	0.24802246	1
T2DM_admission_epsilon_cell	<i>EFHC1</i>	0.001501709	0.03562213	0.24802246	1
T2DM_admission_epsilon_cell	<i>MTO1</i>	-0.004767953	0.03190018	0.237578325	1
T2DM_admission_epsilon_cell	<i>IRAK1BP1</i>	-0.004409393	0.009992684	0.163309872	1
T2DM_admission_epsilon_cell	<i>USP45</i>	-0.009479712	0.002724979	0.101834209	1
T2DM_admission_epsilon_cell	<i>REV3L</i>	-0.002515199	0.012873109	0.173856682	1
T2DM_admission_epsilon_cell	<i>NUS1</i>	-0.001412063	0.008885777	0.156513976	1
T2DM_admission_epsilon_cell	<i>TBC1D32</i>	-0.007507046	0.033634408	0.243377795	1
T2DM_admission_epsilon_cell	<i>SMPDL3A</i>	-0.00247715	0.006202246	0.139806833	1
T2DM_admission_epsilon_cell	<i>AKAP7</i>	-0.006566395	0.013279818	0.175871313	1
T2DM_admission_epsilon_cell	<i>ALDH8A1</i>	-0.041941863	3.48E-05	0.013253332	0.13000179
T2DM_admission_epsilon_cell	<i>HBSIL</i>	-0.003260244	3.03E-05	0.013253332	0.113190406
T2DM_admission_epsilon_cell	<i>WTAP</i>	0.002255741	0.016562686	0.191342248	1
T2DM_admission_epsilon_cell	<i>AGPAT4</i>	-0.005399859	0.032415128	0.238421437	1
T2DM_admission_epsilon_cell	<i>DACT2</i>	-0.022437007	0.009265426	0.159732529	1
T2DM_admission_epsilon_cell	<i>ZFAND2A</i>	-0.001590887	0.036971111	0.250656802	1
T2DM_admission_epsilon_cell	<i>GNAI2</i>	-0.003150591	0.009970025	0.163309872	1
T2DM_admission_epsilon_cell	<i>SDK1</i>	-0.004810572	0.015825538	0.189148048	1
T2DM_admission_epsilon_cell	<i>VWDE</i>	0.00341383	0.04471857	0.269594704	1
T2DM_admission_epsilon_cell	<i>JAZF1</i>	-0.006646752	0.000341443	0.041204484	1
T2DM_admission_epsilon_cell	<i>COA1</i>	-0.002778397	0.015423685	0.186306999	1
T2DM_admission_epsilon_cell	<i>POLM</i>	-0.005219614	0.01701675	0.1921546	1
T2DM_admission_epsilon_cell	<i>ABCA13</i>	-0.020663635	0.030054383	0.237270857	1
T2DM_admission_epsilon_cell	<i>FIGNL1</i>	-0.011066521	0.020568536	0.211392559	1
T2DM_admission_epsilon_cell	<i>CRCP</i>	-0.00232657	0.024003088	0.22136746	1
T2DM_admission_epsilon_cell	<i>LINC00174</i>	-0.00740352	0.001905306	0.088767234	1
T2DM_admission_epsilon_cell	<i>RABGEF1</i>	-0.002398298	0.010821769	0.16457008	1
T2DM_admission_epsilon_cell	<i>POM121</i>	-0.008326497	3.64E-06	0.003180121	0.013612778
T2DM_admission_epsilon_cell	<i>TRIM73</i>	-0.0161801	1.51E-05	0.00805944	0.05641608
T2DM_admission_epsilon_cell	<i>POR</i>	-0.002189209	0.035927411	0.24802246	1
T2DM_admission_epsilon_cell	<i>ZNF804B</i>	-0.034941177	0.04241251	0.267098699	1
T2DM_admission_epsilon_cell	<i>LMTK2</i>	0.002526897	0.031440929	0.237578325	1
T2DM_admission_epsilon_cell	<i>TRIM4</i>	-0.003157976	0.016305438	0.191342248	1
T2DM_admission_epsilon_cell	<i>ZSCAN21</i>	-0.008921198	0.032268561	0.238421437	1
T2DM_admission_epsilon_cell	<i>AP4M1</i>	-0.00809401	0.010469502	0.164560831	1
T2DM_admission_epsilon_cell	<i>MDFIC</i>	-0.002680953	0.024979433	0.224096062	1
T2DM_admission_epsilon_cell	<i>TES</i>	-0.003632422	0.001180721	0.076448846	1
T2DM_admission_epsilon_cell	<i>CAV2</i>	-0.002255496	0.016052202	0.191130032	1
T2DM_admission_epsilon_cell	<i>COPG2</i>	-0.010302303	0.005015718	0.129876609	1
T2DM_admission_epsilon_cell	<i>TMEM178B</i>	-0.004026999	0.024785925	0.223971363	1
T2DM_admission_epsilon_cell	<i>WEE2</i>	-0.027137252	0.025292435	0.224312988	1
T2DM_admission_epsilon_cell	<i>TRPV5</i>	-0.070725299	0.006774731	0.141711472	1
T2DM_admission_epsilon_cell	<i>GIMAP6</i>	-0.0042898	0.020353652	0.211392559	1
T2DM_admission_epsilon_cell	<i>ABCF2</i>	-0.004335726	3.81E-05	0.013253332	0.142554661
T2DM_admission_epsilon_cell	<i>FGL1</i>	-0.00677557	0.03340891	0.243157069	1
T2DM_admission_epsilon_cell	<i>PCMI</i>	-0.001191615	0.030805774	0.237578325	1

T2DM_admission	epsilon_cell	<i>PSD3</i>	-0.004492289	0.003055595	0.103367692	1
T2DM_admission	epsilon_cell	<i>FGF17</i>	-0.024567095	0.042627581	0.267118562	1
T2DM_admission	epsilon_cell	<i>PPP3CC</i>	-0.003202689	0.020654854	0.211698102	1
T2DM_admission	epsilon_cell	<i>EPHX2</i>	-0.009053889	0.013083929	0.175871313	1
T2DM_admission	epsilon_cell	<i>CCDC25</i>	-0.002149352	0.00274226	0.101834209	1
T2DM_admission	epsilon_cell	<i>PBK</i>	-0.020264492	0.011318077	0.166311853	1
T2DM_admission	epsilon_cell	<i>STAR</i>	-0.013292952	0.045945613	0.272261078	1
T2DM_admission	epsilon_cell	<i>SMIM19</i>	-0.00254546	0.001541164	0.082364184	1
T2DM_admission	epsilon_cell	<i>SNAI2</i>	-0.010090562	0.008745647	0.156513976	1
T2DM_admission	epsilon_cell	<i>SDCBP</i>	-0.001703077	0.031741839	0.237578325	1
T2DM_admission	epsilon_cell	<i>RAB2A</i>	-0.00101324	0.041850673	0.264981293	1
T2DM_admission	epsilon_cell	<i>XKR9</i>	-0.033798299	0.000279343	0.039956237	1
T2DM_admission	epsilon_cell	<i>LRRCC1</i>	-0.009460231	0.001254796	0.076448846	1
T2DM_admission	epsilon_cell	<i>CPNE3</i>	-0.001688168	0.039212336	0.256906043	1
T2DM_admission	epsilon_cell	<i>NBN</i>	-0.00655105	0.010817589	0.16457008	1
T2DM_admission	epsilon_cell	<i>INTS8</i>	0.003503601	0.027453174	0.232885089	1
T2DM_admission	epsilon_cell	<i>CCNE2</i>	-0.012310426	0.031570652	0.237578325	1
T2DM_admission	epsilon_cell	<i>LAPTM4B</i>	-0.001698116	0.041009502	0.261802979	1
T2DM_admission	epsilon_cell	<i>DCAF13</i>	-0.002106968	0.042553014	0.267098699	1
T2DM_admission	epsilon_cell	<i>COL22A1</i>	-0.002976688	0.026641462	0.230174849	1
T2DM_admission	epsilon_cell	<i>LYNX1</i>	-0.018005398	0.008882413	0.156513976	1
T2DM_admission	epsilon_cell	<i>PARP10</i>	-0.012506634	0.020266589	0.211392559	1
T2DM_admission	epsilon_cell	<i>C8orf82</i>	-0.003975273	0.000554898	0.054628202	1
T2DM_admission	epsilon_cell	<i>FOXD4</i>	-0.048985148	0.019996284	0.210853027	1
T2DM_admission	epsilon_cell	<i>CD274</i>	-0.012322246	0.001094082	0.0757956	1
T2DM_admission	epsilon_cell	<i>PDCD1LG2</i>	-0.046164297	0.038054722	0.25370429	1
T2DM_admission	epsilon_cell	<i>PTPRD</i>	0.007793326	0.003503808	0.106822828	1
T2DM_admission	epsilon_cell	<i>LRRC19</i>	-0.016004446	0.019991952	0.210853027	1
T2DM_admission	epsilon_cell	<i>APTXY</i>	-0.005793533	0.000428648	0.047163893	1
T2DM_admission	epsilon_cell	<i>ARHGEF39</i>	0.023721869	0.030406521	0.237270857	1
T2DM_admission	epsilon_cell	<i>TPM2</i>	-0.002068419	0.01543229	0.186306999	1
T2DM_admission	epsilon_cell	<i>TMEM8B</i>	0.005825714	0.017085535	0.1921546	1
T2DM_admission	epsilon_cell	<i>ANKRD18A</i>	-0.016235631	0.002915405	0.102626393	1
T2DM_admission	epsilon_cell	<i>VPS13A</i>	-0.003031532	0.048763724	0.278511591	1
T2DM_admission	epsilon_cell	<i>RMI1</i>	-0.010296043	0.010575786	0.164560831	1
T2DM_admission	epsilon_cell	<i>SPIN1</i>	-0.003380843	0.02353723	0.22136746	1
T2DM_admission	epsilon_cell	<i>SPTLC1</i>	-0.004481166	0.001430746	0.079886853	1
T2DM_admission	epsilon_cell	<i>INVS</i>	-0.009670013	7.96E-05	0.021276887	0.297876414
T2DM_admission	epsilon_cell	<i>ZNF883</i>	-0.029797278	0.004329654	0.120874898	1
T2DM_admission	epsilon_cell	<i>PRPF4</i>	-0.003916008	0.031546773	0.237578325	1
T2DM_admission	epsilon_cell	<i>ARPC5L</i>	0.000682161	0.034351064	0.244708147	1
T2DM_admission	epsilon_cell	<i>SH2D3C</i>	-0.012581207	0.035264791	0.247980422	1
T2DM_admission	epsilon_cell	<i>CDK9</i>	-0.003595274	0.025930645	0.227181603	1
T2DM_admission	epsilon_cell	<i>PHYHD1</i>	-0.01631081	0.005677088	0.136969853	1
T2DM_admission	epsilon_cell	<i>GPR107</i>	-0.003837078	0.031683534	0.237578325	1
T2DM_admission	epsilon_cell	<i>DDX31</i>	-0.004810366	0.026903753	0.230327521	1
T2DM_admission	epsilon_cell	<i>SURF6</i>	-0.00319983	0.000658072	0.058374462	1
T2DM_admission	epsilon_cell	<i>VAV2</i>	-0.008351316	0.035238535	0.247980422	1
T2DM_admission	epsilon_cell	<i>DNLZ</i>	0.034475034	0.000606738	0.056745169	1
T2DM_admission	epsilon_cell	<i>SNAPC4</i>	-0.006204111	0.043670326	0.268722448	1
T2DM_admission	epsilon_cell	<i>LCN12</i>	-0.011658159	0.007403333	0.147318449	1
T2DM_admission	epsilon_cell	<i>EXD3</i>	-0.005077557	0.010699926	0.164560831	1
T2DM_admission	epsilon_cell	<i>IL2RA</i>	0.017341911	0.041528018	0.264211422	1
T2DM_admission	epsilon_cell	<i>SEC61A2</i>	-0.005365636	0.038451847	0.254149042	1
T2DM_admission	epsilon_cell	<i>CSGALNACT2</i>	-0.002293915	0.009351295	0.16036269	1
T2DM_admission	epsilon_cell	<i>ALOX5</i>	-0.007997629	0.000132763	0.029215771	0.496668109

T2DM_admission	epsilon_cell	<i>NCOA4</i>	-0.002585471	0.004659111	0.125393782	1
T2DM_admission	epsilon_cell	<i>ASAH2</i>	-0.017993065	0.006657686	0.141711472	1
T2DM_admission	epsilon_cell	<i>PHYHIPL</i>	-0.004942334	0.017139787	0.1921546	1
T2DM_admission	epsilon_cell	<i>NUDT13</i>	-0.013511022	0.026612419	0.230174849	1
T2DM_admission	epsilon_cell	<i>DLG5</i>	0.001885213	0.04507265	0.269786852	1
T2DM_admission	epsilon_cell	<i>LINC00865</i>	-0.006643257	0.00749255	0.148290986	1
T2DM_admission	epsilon_cell	<i>FRA10AC1</i>	0.001969795	0.014226182	0.182508761	1
T2DM_admission	epsilon_cell	<i>NOC3L</i>	-0.005354964	0.012059029	0.171531658	1
T2DM_admission	epsilon_cell	<i>SEMA4G</i>	-0.008681932	0.005375308	0.132594252	1
T2DM_admission	epsilon_cell	<i>NPM3</i>	-0.003638913	0.042505833	0.267098699	1
T2DM_admission	epsilon_cell	<i>WBP1L</i>	0.006942935	0.0211253	0.213415358	1
T2DM_admission	epsilon_cell	<i>NEURL1</i>	0.002710677	0.012436422	0.172313539	1
T2DM_admission	epsilon_cell	<i>GSTO1</i>	-0.001642021	0.001243801	0.076448846	1
T2DM_admission	epsilon_cell	<i>SMC3</i>	0.002038191	0.044862027	0.269594704	1
T2DM_admission	epsilon_cell	<i>ZDHHC6</i>	-0.004466968	0.013127735	0.175871313	1
T2DM_admission	epsilon_cell	<i>CASP7</i>	-0.004455436	0.033281139	0.242699302	1
T2DM_admission	epsilon_cell	<i>VWA2</i>	-0.01122624	0.006913072	0.141711472	1
T2DM_admission	epsilon_cell	<i>AFAP1L2</i>	0.024223206	0.014103758	0.181938484	1
T2DM_admission	epsilon_cell	<i>WDR11</i>	-0.002976908	0.009956923	0.163309872	1
T2DM_admission	epsilon_cell	<i>HTRA1</i>	-0.003530172	0.003464323	0.106822828	1
T2DM_admission	epsilon_cell	<i>LHPP</i>	-0.012347373	8.64E-05	0.021537661	0.32306492
T2DM_admission	epsilon_cell	<i>PRAP1</i>	-0.06433667	0.003342851	0.105979699	1
T2DM_admission	epsilon_cell	<i>PAOX</i>	0.011432335	0.002753241	0.101834209	1
T2DM_admission	epsilon_cell	<i>SPRN</i>	-0.004266287	0.048086633	0.276757066	1
T2DM_admission	epsilon_cell	<i>BET1L</i>	-0.002112558	0.030352761	0.237270857	1
T2DM_admission	epsilon_cell	<i>IFITM1</i>	-0.006609336	0.03124066	0.237578325	1
T2DM_admission	epsilon_cell	<i>B4GALNT4</i>	-0.015227663	0.001269928	0.076448846	1
T2DM_admission	epsilon_cell	<i>DRD4</i>	-0.029383323	0.028127428	0.234168793	1
T2DM_admission	epsilon_cell	<i>DEAF1</i>	0.002658465	0.000151621	0.031512	0.567215995
T2DM_admission	epsilon_cell	<i>TMEM80</i>	0.006630647	0.004395328	0.121799412	1
T2DM_admission	epsilon_cell	<i>ZNF195</i>	-0.003959234	0.006292326	0.139806833	1
T2DM_admission	epsilon_cell	<i>TRIM22</i>	-0.018956288	0.022392794	0.219313868	1
T2DM_admission	epsilon_cell	<i>TRIM66</i>	-0.00696371	0.002935318	0.102626393	1
T2DM_admission	epsilon_cell	<i>AMPD3</i>	-0.005064129	0.024438589	0.22136746	1
T2DM_admission	epsilon_cell	<i>SPTY2D1</i>	-0.003562058	0.001253877	0.076448846	1
T2DM_admission	epsilon_cell	<i>FANCF</i>	-0.006150189	0.014507634	0.184482107	1
T2DM_admission	epsilon_cell	<i>ANO3</i>	-0.029069944	0.000844137	0.064447299	1
T2DM_admission	epsilon_cell	<i>PDHX</i>	-0.006329923	0.004625051	0.125379088	1
T2DM_admission	epsilon_cell	<i>CD44</i>	-0.000662779	0.007895338	0.153038656	1
T2DM_admission	epsilon_cell	<i>SLC1A2</i>	0.007906202	0.048066139	0.276757066	1
T2DM_admission	epsilon_cell	<i>HSD17B12</i>	-0.002506031	0.001839944	0.088246531	1
T2DM_admission	epsilon_cell	<i>LRRC55</i>	-0.063144876	0.021118983	0.213415358	1
T2DM_admission	epsilon_cell	<i>GLYATL1</i>	-0.060025752	0.010040436	0.163309872	1
T2DM_admission	epsilon_cell	<i>GAL3ST3</i>	-0.029724994	0.038356525	0.253967717	1
T2DM_admission	epsilon_cell	<i>PC</i>	-0.009149579	0.012226506	0.172313539	1
T2DM_admission	epsilon_cell	<i>NADSYN1</i>	-0.003608068	0.007807186	0.152118131	1
T2DM_admission	epsilon_cell	<i>UCP2</i>	-0.006112688	0.001809515	0.087914214	1
T2DM_admission	epsilon_cell	<i>CAPN5</i>	-0.007004608	0.031274968	0.237578325	1
T2DM_admission	epsilon_cell	<i>VSTM5</i>	-0.016330813	0.034482653	0.244781036	1
T2DM_admission	epsilon_cell	<i>KDM4E</i>	-0.040903428	0.006906099	0.141711472	1
T2DM_admission	epsilon_cell	<i>ARHGAP42</i>	-0.006009742	0.021623018	0.216287992	1
T2DM_admission	epsilon_cell	<i>TRPC6</i>	-0.015567154	0.027821744	0.233365797	1
T2DM_admission	epsilon_cell	<i>MMP1</i>	0.002646075	0.00952108	0.161169049	1
T2DM_admission	epsilon_cell	<i>FDX1</i>	-0.002440151	0.03639652	0.24802246	1
T2DM_admission	epsilon_cell	<i>TTC12</i>	-0.015559718	0.000130285	0.029215771	0.487397567
T2DM_admission	epsilon_cell	<i>ANKK1</i>	-0.04026195	0.036144678	0.24802246	1

T2DM_admission_epsilon_cell	<i>SIDT2</i>	-0.004950645	0.00717609	0.145900823	1
T2DM_admission_epsilon_cell	<i>TAGLN</i>	-0.001588202	0.012779783	0.173221619	1
T2DM_admission_epsilon_cell	<i>RNF214</i>	-0.007626086	0.024256697	0.22136746	1
T2DM_admission_epsilon_cell	<i>HINFP</i>	-0.006532448	0.046465791	0.272886223	1
T2DM_admission_epsilon_cell	<i>CHEK1</i>	-0.009072127	0.029137341	0.234919811	1
T2DM_admission_epsilon_cell	<i>FAM118B</i>	-0.013063383	0.017022411	0.1921546	1
T2DM_admission_epsilon_cell	<i>KCNJ5</i>	-0.010648569	0.028062494	0.234168793	1
T2DM_admission_epsilon_cell	<i>TMEM45B</i>	-0.002042787	0.035906867	0.24802246	1
T2DM_admission_epsilon_cell	<i>B3GAT1</i>	0.036268373	0.000303803	0.040590209	1
T2DM_admission_epsilon_cell	<i>CCDC77</i>	-0.012424886	0.022675674	0.219766054	1
T2DM_admission_epsilon_cell	<i>LRRC23</i>	-0.002834186	0.008538513	0.155973609	1
T2DM_admission_epsilon_cell	<i>SLC2A14</i>	-0.032025442	0.023294083	0.221175543	1
T2DM_admission_epsilon_cell	<i>FAM90A1</i>	-0.016190245	0.024957249	0.224096062	1
T2DM_admission_epsilon_cell	<i>ETV6</i>	-0.004604823	0.038831849	0.255307466	1
T2DM_admission_epsilon_cell	<i>CREBL2</i>	-0.004273926	0.006918753	0.141711472	1
T2DM_admission_epsilon_cell	<i>ADCY6</i>	-0.003304254	0.047635358	0.27623574	1
T2DM_admission_epsilon_cell	<i>WNT10B</i>	-0.060285701	0.000418542	0.047163893	1
T2DM_admission_epsilon_cell	<i>TFCP2</i>	-0.006924105	0.000465257	0.049729339	1
T2DM_admission_epsilon_cell	<i>SARNP</i>	0.005029674	0.000280828	0.039956237	1
T2DM_admission_epsilon_cell	<i>XPOT</i>	-0.002491111	0.045701751	0.271381352	1
T2DM_admission_epsilon_cell	<i>BEST3</i>	-0.024749709	0.022500141	0.219313868	1
T2DM_admission_epsilon_cell	<i>MYRFL</i>	0.053798612	0.000541855	0.054628202	1
T2DM_admission_epsilon_cell	<i>CEP290</i>	0.002858295	0.019541757	0.208873464	1
T2DM_admission_epsilon_cell	<i>METAP2</i>	-0.001010031	0.034341612	0.244708147	1
T2DM_admission_epsilon_cell	<i>CHPT1</i>	-0.002235487	0.032402629	0.238421437	1
T2DM_admission_epsilon_cell	<i>ASCL1</i>	0.021261408	0.001061639	0.074935663	1
T2DM_admission_epsilon_cell	<i>CORO1C</i>	-0.0048909	0.003194546	0.10338047	1
T2DM_admission_epsilon_cell	<i>ACACB</i>	-0.005311146	0.001933281	0.088767234	1
T2DM_admission_epsilon_cell	<i>DTX1</i>	-0.008397162	0.006063907	0.139806833	1
T2DM_admission_epsilon_cell	<i>RITAI</i>	-0.008276888	0.012503966	0.172610102	1
T2DM_admission_epsilon_cell	<i>SLC8B1</i>	0.005078592	0.044958763	0.269594704	1
T2DM_admission_epsilon_cell	<i>PLBD2</i>	0.002977835	0.019685886	0.209814527	1
T2DM_admission_epsilon_cell	<i>C12orf43</i>	-0.00634629	0.023601264	0.22136746	1
T2DM_admission_epsilon_cell	<i>RIMBP2</i>	-0.002619849	0.023982398	0.22136746	1
T2DM_admission_epsilon_cell	<i>STX2</i>	-0.002862036	0.02323696	0.221175543	1
T2DM_admission_epsilon_cell	<i>FBRSL1</i>	-0.003657186	0.026905407	0.230327521	1
T2DM_admission_epsilon_cell	<i>ANKLE2</i>	-0.002169443	0.030585107	0.237578325	1
T2DM_admission_epsilon_cell	<i>PARP4</i>	-0.005203843	0.020452442	0.211392559	1
T2DM_admission_epsilon_cell	<i>ATP12A</i>	-0.039972814	4.25E-06	0.003180121	0.015900603
T2DM_admission_epsilon_cell	<i>FLT3</i>	-0.025576692	0.03616502	0.24802246	1
T2DM_admission_epsilon_cell	<i>DLEU1</i>	-0.004717003	0.006690126	0.141711472	1
T2DM_admission_epsilon_cell	<i>TEP1</i>	-0.008467578	0.028335959	0.234168793	1
T2DM_admission_epsilon_cell	<i>RPGRIP1</i>	-0.03495424	0.036165102	0.24802246	1
T2DM_admission_epsilon_cell	<i>DHRS4</i>	-0.005435077	0.049892114	0.282763052	1
T2DM_admission_epsilon_cell	<i>DHRS4L2</i>	-0.003341461	0.026544894	0.230174849	1
T2DM_admission_epsilon_cell	<i>DCAF11</i>	-0.005043994	0.00854707	0.155973609	1
T2DM_admission_epsilon_cell	<i>RALGAPAI</i>	0.001156689	0.031537175	0.237578325	1
T2DM_admission_epsilon_cell	<i>GCHI</i>	-0.003189742	0.048302817	0.277014893	1
T2DM_admission_epsilon_cell	<i>RHOJ</i>	-0.007425256	0.000818915	0.063824195	1
T2DM_admission_epsilon_cell	<i>MTHFD1</i>	-0.005984811	0.047640266	0.27623574	1
T2DM_admission_epsilon_cell	<i>TMEM229B</i>	-0.01945727	0.00213456	0.091593953	1
T2DM_admission_epsilon_cell	<i>ACOT4</i>	-0.010384929	0.013298638	0.175871313	1
T2DM_admission_epsilon_cell	<i>ESRRB</i>	-0.038116529	0.010673574	0.164560831	1
T2DM_admission_epsilon_cell	<i>TMEM63C</i>	-0.013525708	0.034040408	0.244424503	1
T2DM_admission_epsilon_cell	<i>NGB</i>	-0.035279646	0.034182176	0.244708147	1
T2DM_admission_epsilon_cell	<i>GSTZ1</i>	-0.005530831	0.030884364	0.237578325	1

T2DM_admission	epsilon_cell	<i>SEL1L</i>	-0.002044217	0.030333006	0.237270857	1
T2DM_admission	epsilon_cell	<i>UBR7</i>	-0.00332346	0.04301052	0.267724388	1
T2DM_admission	epsilon_cell	<i>PPPIR13B</i>	-0.005281024	0.020065137	0.210853027	1
T2DM_admission	epsilon_cell	<i>GABRA5</i>	-0.016664396	0.016974675	0.1921546	1
T2DM_admission	epsilon_cell	<i>GOLGA8H</i>	-0.056114112	0.005486364	0.134146982	1
T2DM_admission	epsilon_cell	<i>AVEN</i>	-0.004712559	0.030023826	0.237270857	1
T2DM_admission	epsilon_cell	<i>GOLGA8B</i>	-0.004527835	0.003703251	0.108233305	1
T2DM_admission	epsilon_cell	<i>GJD2</i>	-0.005200916	0.008459309	0.155973609	1
T2DM_admission	epsilon_cell	<i>BAHD1</i>	-0.007251674	0.000377929	0.044182259	1
T2DM_admission	epsilon_cell	<i>NDUFAF1</i>	-0.0071033	0.000329234	0.041055439	1
T2DM_admission	epsilon_cell	<i>JMJD7</i>	-0.011486063	0.007366306	0.147318449	1
T2DM_admission	epsilon_cell	<i>SPTBN5</i>	-0.026441431	0.030391223	0.237270857	1
T2DM_admission	epsilon_cell	<i>TRIM69</i>	-0.007195773	0.018508578	0.200697363	1
T2DM_admission	epsilon_cell	<i>SPATA5L1</i>	-0.004177867	0.039687585	0.257509406	1
T2DM_admission	epsilon_cell	<i>ATP8B4</i>	-0.01872344	0.031993868	0.237578325	1
T2DM_admission	epsilon_cell	<i>GTF2A2</i>	-0.001146233	0.047724899	0.27623574	1
T2DM_admission	epsilon_cell	<i>APH1B</i>	-0.003903915	0.03199833	0.237578325	1
T2DM_admission	epsilon_cell	<i>TIPIN</i>	-0.007741667	0.013732877	0.178649893	1
T2DM_admission	epsilon_cell	<i>CELF6</i>	-0.002949902	0.048958671	0.27866359	1
T2DM_admission	epsilon_cell	<i>DNAJA4</i>	-0.001918426	0.04748968	0.27623574	1
T2DM_admission	epsilon_cell	<i>RASGRF1</i>	-0.010060728	0.002323829	0.097679129	1
T2DM_admission	epsilon_cell	<i>NMB</i>	-0.002633665	0.028981596	0.234168793	1
T2DM_admission	epsilon_cell	<i>ALPK3</i>	0.001594502	0.003561637	0.106822828	1
T2DM_admission	epsilon_cell	<i>HAPLN3</i>	-0.009003489	0.005838021	0.137688763	1
T2DM_admission	epsilon_cell	<i>SEMA4B</i>	-0.007985844	0.000899697	0.065995404	1
T2DM_admission	epsilon_cell	<i>CIB1</i>	-0.001378072	0.005373275	0.132594252	1
T2DM_admission	epsilon_cell	<i>LRRK1</i>	-0.006368399	0.006746822	0.141711472	1
T2DM_admission	epsilon_cell	<i>DECR2</i>	-0.005479913	0.018574964	0.200835086	1
T2DM_admission	epsilon_cell	<i>CCDC78</i>	-0.024990063	0.00178513	0.087914214	1
T2DM_admission	epsilon_cell	<i>BAIAP3</i>	-0.003724479	0.037418537	0.251767531	1
T2DM_admission	epsilon_cell	<i>CCDC154</i>	-0.040142885	0.019070717	0.205601017	1
T2DM_admission	epsilon_cell	<i>NME3</i>	-0.001890863	0.039394019	0.257147787	1
T2DM_admission	epsilon_cell	<i>HAGH</i>	-0.002923462	0.01147225	0.167647216	1
T2DM_admission	epsilon_cell	<i>FAHD1</i>	-0.006757581	0.00152908	0.082364184	1
T2DM_admission	epsilon_cell	<i>SYNGR3</i>	-0.017065928	0.001201728	0.076448846	1
T2DM_admission	epsilon_cell	<i>NAA60</i>	-0.001611596	0.015263299	0.186306999	1
T2DM_admission	epsilon_cell	<i>TRAP1</i>	-0.005608452	0.006093053	0.139806833	1
T2DM_admission	epsilon_cell	<i>PAM16</i>	-0.002207139	0.036334795	0.24802246	1
T2DM_admission	epsilon_cell	<i>NAGPA</i>	-0.007230113	0.001875451	0.088767234	1
T2DM_admission	epsilon_cell	<i>PLA2G10</i>	0.018816504	0.001355826	0.078032972	1
T2DM_admission	epsilon_cell	<i>NP1PA2</i>	-0.034138022	0.010923383	0.164586037	1
T2DM_admission	epsilon_cell	<i>XPO6</i>	-0.005080339	0.046068726	0.272261078	1
T2DM_admission	epsilon_cell	<i>STX1B</i>	-0.012412212	0.017155743	0.1921546	1
T2DM_admission	epsilon_cell	<i>MT1A</i>	-0.005817014	0.032831776	0.239889988	1
T2DM_admission	epsilon_cell	<i>DOK4</i>	-0.005309821	0.025333184	0.224312988	1
T2DM_admission	epsilon_cell	<i>CCDC113</i>	-0.007666853	0.018190923	0.198403044	1
T2DM_admission	epsilon_cell	<i>SMPD3</i>	-0.010188481	0.030798249	0.237578325	1
T2DM_admission	epsilon_cell	<i>TMED6</i>	-0.00331461	0.012350264	0.172313539	1
T2DM_admission	epsilon_cell	<i>APIG1</i>	-0.002736597	0.03978627	0.257509406	1
T2DM_admission	epsilon_cell	<i>IST1</i>	-0.001517439	0.038011297	0.25370429	1
T2DM_admission	epsilon_cell	<i>CFDP1</i>	-0.002910174	0.040877564	0.261802979	1
T2DM_admission	epsilon_cell	<i>WWOX</i>	-0.00286155	0.016429246	0.191342248	1
T2DM_admission	epsilon_cell	<i>PLCG2</i>	-0.00120235	0.030170015	0.237270857	1
T2DM_admission	epsilon_cell	<i>TAF1C</i>	-0.006770643	1.17E-05	0.007274733	0.0436484
T2DM_admission	epsilon_cell	<i>ADAD2</i>	-0.037869607	0.008217036	0.155926909	1
T2DM_admission	epsilon_cell	<i>ZDHHC7</i>	-0.006808016	0.011005851	0.164586037	1

T2DM_admission	epsilon_cell	<i>KLHDC4</i>	-0.003881073	0.016757028	0.191706552	1
T2DM_admission	epsilon_cell	<i>DPEP1</i>	-0.004597418	0.025733874	0.22651864	1
T2DM_admission	epsilon_cell	<i>ZNF232</i>	-0.009422783	0.044826136	0.269594704	1
T2DM_admission	epsilon_cell	<i>USP6</i>	-0.039115812	0.03154906	0.237578325	1
T2DM_admission	epsilon_cell	<i>SCIMP</i>	-0.025868358	0.028786695	0.234168793	1
T2DM_admission	epsilon_cell	<i>KIAA0753</i>	-0.005889007	0.031247237	0.237578325	1
T2DM_admission	epsilon_cell	<i>KCNAB3</i>	-0.008706222	0.031343116	0.237578325	1
T2DM_admission	epsilon_cell	<i>STX8</i>	-0.003091137	0.04389185	0.268983828	1
T2DM_admission	epsilon_cell	<i>SCO1</i>	-0.004521784	0.01457361	0.184482107	1
T2DM_admission	epsilon_cell	<i>ADORA2B</i>	-0.032511533	0.002078132	0.090398755	1
T2DM_admission	epsilon_cell	<i>FAM106A</i>	-0.009324423	0.011684543	0.16942588	1
T2DM_admission	epsilon_cell	<i>USP22</i>	-0.002001363	0.010630606	0.164560831	1
T2DM_admission	epsilon_cell	<i>C17orf50</i>	-0.013629657	0.039455448	0.257147787	1
T2DM_admission	epsilon_cell	<i>MED24</i>	0.004789081	0.023113956	0.221175543	1
T2DM_admission	epsilon_cell	<i>ZNF385C</i>	-0.024485602	0.026153021	0.228061654	1
T2DM_admission	epsilon_cell	<i>DHX58</i>	-0.022872362	0.012295558	0.172313539	1
T2DM_admission	epsilon_cell	<i>CCR10</i>	-0.006369528	0.022488818	0.219313868	1
T2DM_admission	epsilon_cell	<i>NBR2</i>	-0.006331456	0.035229695	0.247980422	1
T2DM_admission	epsilon_cell	<i>DBF4B</i>	-0.015189657	0.021590765	0.216287992	1
T2DM_admission	epsilon_cell	<i>DCAKD</i>	-0.004133962	0.028842248	0.234168793	1
T2DM_admission	epsilon_cell	<i>NMT1</i>	-0.001288104	0.030184071	0.237270857	1
T2DM_admission	epsilon_cell	<i>KANSL1</i>	-0.002165837	0.032439591	0.238421437	1
T2DM_admission	epsilon_cell	<i>ARL17B</i>	-0.009081373	0.043260649	0.267970723	1
T2DM_admission	epsilon_cell	<i>LRRC37A2</i>	-0.017130963	0.016752396	0.191706552	1
T2DM_admission	epsilon_cell	<i>EFCAB13</i>	-0.0126126	0.045337472	0.270553651	1
T2DM_admission	epsilon_cell	<i>LRRC46</i>	-0.039303059	0.031604047	0.237578325	1
T2DM_admission	epsilon_cell	<i>GNGT2</i>	-0.04734155	0.015309682	0.186306999	1
T2DM_admission	epsilon_cell	<i>NME1</i>	-0.001752716	0.005711654	0.136969853	1
T2DM_admission	epsilon_cell	<i>PTRH2</i>	-0.002939356	0.024376006	0.22136746	1
T2DM_admission	epsilon_cell	<i>MED13</i>	-0.002448207	0.022984528	0.221175543	1
T2DM_admission	epsilon_cell	<i>CCDC47</i>	-0.001281181	0.030163043	0.237270857	1
T2DM_admission	epsilon_cell	<i>AMZ2</i>	-0.007508185	0.001409246	0.079878632	1
T2DM_admission	epsilon_cell	<i>LINC01152</i>	-0.02841458	0.001701231	0.087182266	1
T2DM_admission	epsilon_cell	<i>C17orf80</i>	-0.006498354	0.029727687	0.237270857	1
T2DM_admission	epsilon_cell	<i>GGA3</i>	-0.007080413	0.006508389	0.141711472	1
T2DM_admission	epsilon_cell	<i>SMIM5</i>	-0.004103667	0.04893065	0.27866359	1
T2DM_admission	epsilon_cell	<i>TEN1</i>	-0.005287669	0.030394795	0.237270857	1
T2DM_admission	epsilon_cell	<i>MXRA7</i>	-0.001577617	0.013522288	0.177429414	1
T2DM_admission	epsilon_cell	<i>USP36</i>	-0.002399172	0.016351807	0.191342248	1
T2DM_admission	epsilon_cell	<i>FSCN2</i>	-0.016591276	0.002776554	0.101834209	1
T2DM_admission	epsilon_cell	<i>RAC3</i>	-0.004437666	0.017291018	0.193091634	1
T2DM_admission	epsilon_cell	<i>FASN</i>	-0.004556613	0.027539061	0.233085126	1
T2DM_admission	epsilon_cell	<i>CCDC57</i>	-0.004885838	0.005900574	0.137962792	1
T2DM_admission	epsilon_cell	<i>OGFOD3</i>	-0.002482103	0.020928986	0.213338794	1
T2DM_admission	epsilon_cell	<i>FN3KRP</i>	-0.012952041	7.14E-05	0.020557299	0.26724489
T2DM_admission	epsilon_cell	<i>CLUL1</i>	-0.039680554	0.000287387	0.039956237	1
T2DM_admission	epsilon_cell	<i>LINC00667</i>	-0.001156369	0.039390743	0.257147787	1
T2DM_admission	epsilon_cell	<i>LINC00668</i>	-0.045800388	0.037801649	0.253433636	1
T2DM_admission	epsilon_cell	<i>VAPA</i>	-0.00091647	0.038149571	0.25370429	1
T2DM_admission	epsilon_cell	<i>GNAL</i>	-0.005326093	0.030793691	0.237578325	1
T2DM_admission	epsilon_cell	<i>POTEC</i>	-0.017535094	0.048565762	0.277805072	1
T2DM_admission	epsilon_cell	<i>ANKRD30B</i>	-0.019540721	0.016557901	0.191342248	1
T2DM_admission	epsilon_cell	<i>MAPRE2</i>	-0.005312297	0.008119065	0.155618005	1
T2DM_admission	epsilon_cell	<i>ZNF396</i>	-0.00707587	0.001962585	0.088767234	1
T2DM_admission	epsilon_cell	<i>ZCCHC2</i>	-0.002874072	0.043302366	0.267970723	1
T2DM_admission	epsilon_cell	<i>TXNL4A</i>	-0.001397439	0.016195728	0.191130032	1

T2DM_admission_epsilon_cell	<i>GRIN3B</i>	-0.022586192	0.039087632	0.2565383	1
T2DM_admission_epsilon_cell	<i>ADAMTSL5</i>	-0.02540912	0.035464978	0.24802246	1
T2DM_admission_epsilon_cell	<i>ZNF554</i>	-0.005712738	0.01375332	0.178649893	1
T2DM_admission_epsilon_cell	<i>ZNF555</i>	-0.003606452	0.000591496	0.0567381	1
T2DM_admission_epsilon_cell	<i>ZNF556</i>	-0.021350504	0.000288377	0.039956237	1
T2DM_admission_epsilon_cell	<i>ANKRD24</i>	-0.031291758	0.044834658	0.269594704	1
T2DM_admission_epsilon_cell	<i>SH3GL1</i>	-0.002565213	0.03133832	0.237578325	1
T2DM_admission_epsilon_cell	<i>UBXN6</i>	-0.002565311	0.002894825	0.102626393	1
T2DM_admission_epsilon_cell	<i>DUS3L</i>	-0.006733262	0.011025678	0.164586037	1
T2DM_admission_epsilon_cell	<i>SLC25A41</i>	0.030888555	0.025363377	0.224312988	1
T2DM_admission_epsilon_cell	<i>ZNF558</i>	-0.010086502	0.01049114	0.164560831	1
T2DM_admission_epsilon_cell	<i>ZNF266</i>	-0.003570953	0.019867341	0.210853027	1
T2DM_admission_epsilon_cell	<i>DNMT1</i>	-0.003373072	0.019481438	0.208825385	1
T2DM_admission_epsilon_cell	<i>ICAM3</i>	-0.008857306	0.016571742	0.191342248	1
T2DM_admission_epsilon_cell	<i>DOCK6</i>	0.002222055	0.043513858	0.26862268	1
T2DM_admission_epsilon_cell	<i>ZNF627</i>	-0.009679326	0.02592364	0.227181603	1
T2DM_admission_epsilon_cell	<i>MAN2B1</i>	-0.003968553	0.018154419	0.198403044	1
T2DM_admission_epsilon_cell	<i>CC2D1A</i>	-0.003876397	0.04286173	0.267319345	1
T2DM_admission_epsilon_cell	<i>PALM3</i>	-0.009763827	0.006932157	0.141711472	1
T2DM_admission_epsilon_cell	<i>C19orf44</i>	-0.012093723	0.010017571	0.163309872	1
T2DM_admission_epsilon_cell	<i>ABHD8</i>	-0.003683793	0.037087963	0.250656802	1
T2DM_admission_epsilon_cell	<i>ANO8</i>	-0.015467813	0.043714222	0.268722448	1
T2DM_admission_epsilon_cell	<i>CCDC124</i>	0.002774703	0.000889673	0.065995404	1
T2DM_admission_epsilon_cell	<i>PIK3R2</i>	-0.003640263	0.022112421	0.218265349	1
T2DM_admission_epsilon_cell	<i>UBA52</i>	-0.000531212	0.014609025	0.184482107	1
T2DM_admission_epsilon_cell	<i>ZNF506</i>	-0.003363818	0.025172393	0.2243098	1
T2DM_admission_epsilon_cell	<i>ZNF737</i>	-0.004201966	0.009812575	0.163309872	1
T2DM_admission_epsilon_cell	<i>ZNF66</i>	-0.007146287	0.035884215	0.24802246	1
T2DM_admission_epsilon_cell	<i>ZNF708</i>	-0.003994918	0.042873993	0.267319345	1
T2DM_admission_epsilon_cell	<i>ZNF738</i>	-0.006366126	0.013304352	0.175871313	1
T2DM_admission_epsilon_cell	<i>ZNF208</i>	-0.013089882	0.001523221	0.082364184	1
T2DM_admission_epsilon_cell	<i>ZNF257</i>	-0.010760384	0.035674444	0.24802246	1
T2DM_admission_epsilon_cell	<i>PEPD</i>	0.002237069	0.003078499	0.103367692	1
T2DM_admission_epsilon_cell	<i>KCTD15</i>	-0.020814058	0.005852048	0.137688763	1
T2DM_admission_epsilon_cell	<i>MAG</i>	-0.036390413	0.004525281	0.123569911	1
T2DM_admission_epsilon_cell	<i>CD22</i>	-0.013214452	0.026991888	0.230540303	1
T2DM_admission_epsilon_cell	<i>ZBTB32</i>	-0.070272403	0.004982645	0.129876609	1
T2DM_admission_epsilon_cell	<i>ZNF382</i>	-0.009518739	0.024883846	0.224096062	1
T2DM_admission_epsilon_cell	<i>ZFP30</i>	-0.006521719	0.027121015	0.231115526	1
T2DM_admission_epsilon_cell	<i>ZNF781</i>	-0.016891591	0.033614695	0.243377795	1
T2DM_admission_epsilon_cell	<i>SUPT5H</i>	-0.001895983	0.046766339	0.274024044	1
T2DM_admission_epsilon_cell	<i>CXCL17</i>	0.010942774	0.028792948	0.234168793	1
T2DM_admission_epsilon_cell	<i>PSG5</i>	-0.042165771	0.02286309	0.221009869	1
T2DM_admission_epsilon_cell	<i>SMG9</i>	-0.004043901	0.009046989	0.157417604	1
T2DM_admission_epsilon_cell	<i>PPP1R13L</i>	-0.015375771	4.53E-08	0.000169383	0.000169383
T2DM_admission_epsilon_cell	<i>PRKD2</i>	-0.00441296	0.013564505	0.177429414	1
T2DM_admission_epsilon_cell	<i>FKRP</i>	-0.004125494	0.010981826	0.164586037	1
T2DM_admission_epsilon_cell	<i>SPHK2</i>	-0.005601218	0.008302657	0.155973609	1
T2DM_admission_epsilon_cell	<i>FUT2</i>	-0.013133058	0.028600262	0.234168793	1
T2DM_admission_epsilon_cell	<i>FUT1</i>	-0.015263988	0.001586817	0.082448359	1
T2DM_admission_epsilon_cell	<i>DKKL1</i>	-0.049195048	0.003205596	0.10338047	1
T2DM_admission_epsilon_cell	<i>ALDH16A1</i>	-0.009236478	0.011856764	0.170600596	1
T2DM_admission_epsilon_cell	<i>ATF5</i>	-0.003808481	0.024012389	0.22136746	1
T2DM_admission_epsilon_cell	<i>NAPSA</i>	-0.031259179	0.002390227	0.098261962	1
T2DM_admission_epsilon_cell	<i>C19orf48</i>	-0.004609111	0.034259122	0.244708147	1
T2DM_admission_epsilon_cell	<i>ZNF600</i>	-0.005179059	0.032750201	0.239762235	1

T2DM_admission_epsilon_cell	<i>ZNF468</i>	-0.009466536	0.003190044	0.10338047	1
T2DM_admission_epsilon_cell	<i>NDUFA3</i>	-0.001432278	0.021934886	0.217661556	1
T2DM_admission_epsilon_cell	<i>LILRB3</i>	-0.016830192	0.014376658	0.183559986	1
T2DM_admission_epsilon_cell	<i>NLRP2</i>	-0.01280785	0.015670321	0.18789318	1
T2DM_admission_epsilon_cell	<i>EPS8L1</i>	-0.018187988	0.007571125	0.148290986	1
T2DM_admission_epsilon_cell	<i>ZNF304</i>	0.005946844	0.000319161	0.041055439	1
T2DM_admission_epsilon_cell	<i>ZNF550</i>	-0.007006795	0.030443735	0.237270857	1
T2DM_admission_epsilon_cell	<i>ZNF211</i>	-0.004685993	0.002713272	0.101834209	1
T2DM_admission_epsilon_cell	<i>ZNF584</i>	-0.004067103	0.042131227	0.265789075	1
T2DM_admission_epsilon_cell	<i>ZNF132</i>	-0.019047758	0.02442314	0.22136746	1
T2DM_admission_epsilon_cell	<i>SIRPA</i>	-0.006393514	0.009216343	0.159621944	1
T2DM_admission_epsilon_cell	<i>UBOX5</i>	-0.007414553	0.048353575	0.277014893	1
T2DM_admission_epsilon_cell	<i>SLC23A2</i>	-0.004782123	0.001764384	0.087914214	1
T2DM_admission_epsilon_cell	<i>MCM8</i>	-0.0057708	0.022570393	0.219313868	1
T2DM_admission_epsilon_cell	<i>FLRT3</i>	-0.004579033	0.005152164	0.132015372	1
T2DM_admission_epsilon_cell	<i>KIF16B</i>	-0.004834223	0.015110213	0.186306999	1
T2DM_admission_epsilon_cell	<i>CHMP4B</i>	-0.000991281	0.004938663	0.129876609	1
T2DM_admission_epsilon_cell	<i>MAP1LC3A</i>	-0.001399131	0.046286567	0.272261078	1
T2DM_admission_epsilon_cell	<i>NCOA6</i>	0.001565957	0.023875067	0.22136746	1
T2DM_admission_epsilon_cell	<i>MANBAL</i>	-0.002365192	0.00128743	0.076448846	1
T2DM_admission_epsilon_cell	<i>TTI1</i>	-0.003046813	0.027729281	0.2331129	1
T2DM_admission_epsilon_cell	<i>MATN4</i>	-0.01230801	0.044567763	0.269594704	1
T2DM_admission_epsilon_cell	<i>SNX21</i>	-0.005635443	0.040637652	0.260764074	1
T2DM_admission_epsilon_cell	<i>BCAS1</i>	-0.024647229	0.03564606	0.24802246	1
T2DM_admission_epsilon_cell	<i>TFAP2C</i>	-0.038026318	0.004982307	0.129876609	1
T2DM_admission_epsilon_cell	<i>RBM38</i>	-0.007275938	0.033553543	0.243377795	1
T2DM_admission_epsilon_cell	<i>LIME1</i>	-0.01167115	0.017613773	0.19495007	1
T2DM_admission_epsilon_cell	<i>SETD4</i>	-0.004150929	0.031689759	0.237578325	1
T2DM_admission_epsilon_cell	<i>LCA5L</i>	-0.008749577	0.009453632	0.160754717	1
T2DM_admission_epsilon_cell	<i>PRDM15</i>	-0.022175086	0.010479113	0.164560831	1
T2DM_admission_epsilon_cell	<i>ADARB1</i>	-0.010681902	0.046806031	0.274024044	1
T2DM_admission_epsilon_cell	<i>PCBP3</i>	-0.005260377	0.013804858	0.178698876	1
T2DM_admission_epsilon_cell	<i>FTCD</i>	-0.017984499	0.002367695	0.098261962	1
T2DM_admission_epsilon_cell	<i>YBEY</i>	-0.005376609	0.003374706	0.106090547	1
T2DM_admission_epsilon_cell	<i>IL17RA</i>	-0.005465894	0.028938205	0.234168793	1
T2DM_admission_epsilon_cell	<i>MICAL3</i>	-0.002823237	0.047774532	0.27623574	1
T2DM_admission_epsilon_cell	<i>ARVCF</i>	0.004766118	0.021221736	0.213415358	1
T2DM_admission_epsilon_cell	<i>TRMT2A</i>	-0.007463189	0.011962216	0.171157803	1
T2DM_admission_epsilon_cell	<i>HIC2</i>	-0.009761511	0.021795892	0.217435822	1
T2DM_admission_epsilon_cell	<i>SMARCB1</i>	-0.002093722	0.043745515	0.268722448	1
T2DM_admission_epsilon_cell	<i>GSTT2B</i>	-0.006354174	0.039682484	0.257509406	1
T2DM_admission_epsilon_cell	<i>DDTL</i>	-0.023017665	0.020125127	0.210891036	1
T2DM_admission_epsilon_cell	<i>DDT</i>	-0.002055834	0.024032753	0.22136746	1
T2DM_admission_epsilon_cell	<i>CABIN1</i>	-0.005970181	0.018437612	0.200509034	1
T2DM_admission_epsilon_cell	<i>RHBDD3</i>	-0.005033718	0.047564922	0.27623574	1
T2DM_admission_epsilon_cell	<i>APIB1</i>	-0.0050781	0.01121595	0.166311853	1
T2DM_admission_epsilon_cell	<i>MTMR3</i>	-0.003851861	0.015438431	0.186306999	1
T2DM_admission_epsilon_cell	<i>SEC14L6</i>	-0.009841297	0.028580806	0.234168793	1
T2DM_admission_epsilon_cell	<i>PES1</i>	-0.004286032	0.008953219	0.156513976	1
T2DM_admission_epsilon_cell	<i>INPP5J</i>	-0.016902727	0.037503066	0.251883251	1
T2DM_admission_epsilon_cell	<i>PVALB</i>	-0.101118639	0.001191019	0.076448846	1
T2DM_admission_epsilon_cell	<i>CARD10</i>	-0.006202323	0.042819705	0.267319345	1
T2DM_admission_epsilon_cell	<i>GCAT</i>	-0.005566542	0.03580457	0.24802246	1
T2DM_admission_epsilon_cell	<i>CBX6</i>	-0.001223389	0.045345399	0.270553651	1
T2DM_admission_epsilon_cell	<i>APOBEC3G</i>	0.006143756	0.009985636	0.163309872	1
T2DM_admission_epsilon_cell	<i>SYNGR1</i>	-0.006359444	0.008727318	0.156513976	1

T2DM_admission_epsilon_cell	<i>DESII</i>	-0.004714093	0.028008092	0.234168793	1
T2DM_admission_epsilon_cell	<i>NAGA</i>	-0.006448145	0.037910692	0.25370429	1
T2DM_admission_epsilon_cell	<i>SMDT1</i>	-0.001426842	0.006271621	0.139806833	1
T2DM_admission_epsilon_cell	<i>TTL12</i>	-0.005478778	0.007974336	0.153773143	1
T2DM_admission_epsilon_cell	<i>PKDREJ</i>	-0.03468533	0.018053723	0.198061518	1
T2DM_admission_epsilon_cell	<i>LMF2</i>	-0.004366454	0.015216959	0.186306999	1
T2DM_admission_epsilon_cell	<i>TYMP</i>	-0.002457832	0.010393209	0.164560831	1
T2DM_admission_epsilon_cell	<i>SYCE3</i>	-0.035110792	0.00199317	0.088767234	1
T2DM_admission_epsilon_cell	<i>ARSA</i>	-0.003263283	0.006804833	0.141711472	1
T2DM_admission_epsilon_cell	<i>RABL2B</i>	-0.006271716	0.04044952	0.260002842	1
T2DM_admission_leukocyte	<i>LINC00115</i>	-0.005661175	0.021051274	0.350418657	1
T2DM_admission_leukocyte	<i>MRPL20</i>	-0.001809467	0.039631332	0.421135415	1
T2DM_admission_leukocyte	<i>CALML6</i>	0.007849708	0.014021509	0.296216881	1
T2DM_admission_leukocyte	<i>PEX10</i>	-0.004635052	0.044089159	0.432982883	1
T2DM_admission_leukocyte	<i>ARHGEF19</i>	-0.015381971	0.044309022	0.433926838	1
T2DM_admission_leukocyte	<i>UBR4</i>	-0.003407525	0.025870803	0.373971614	1
T2DM_admission_leukocyte	<i>PINK1</i>	-0.002777959	0.035072714	0.410787363	1
T2DM_admission_leukocyte	<i>SRSF10</i>	-0.001319645	0.041006181	0.424525511	1
T2DM_admission_leukocyte	<i>EXTL1</i>	-0.049348199	0.005179592	0.202980825	1
T2DM_admission_leukocyte	<i>SMPDL3B</i>	-0.008934767	0.028515456	0.385554492	1
T2DM_admission_leukocyte	<i>Clorf109</i>	0.003967624	0.001168181	0.111118904	1
T2DM_admission_leukocyte	<i>SLC44A5</i>	-0.014646856	0.03666866	0.414393163	1
T2DM_admission_leukocyte	<i>MSH4</i>	-0.035618593	0.038177492	0.417940117	1
T2DM_admission_leukocyte	<i>CDC14A</i>	-0.003834796	0.0040582	0.194637527	1
T2DM_admission_leukocyte	<i>NTNG1</i>	-0.018583262	0.009170391	0.242451734	1
T2DM_admission_leukocyte	<i>CEPT1</i>	-0.004381025	0.037646272	0.417525494	1
T2DM_admission_leukocyte	<i>TDRKH</i>	-0.026038873	0.000190878	0.054928902	0.71407572
T2DM_admission_leukocyte	<i>PEA15</i>	-0.002296715	0.032237271	0.398527809	1
T2DM_admission_leukocyte	<i>ALDH9A1</i>	-0.002466987	0.028538542	0.385554492	1
T2DM_admission_leukocyte	<i>GORAB</i>	0.004307529	0.007923897	0.233411804	1
T2DM_admission_leukocyte	<i>SUCO</i>	-0.002567366	0.003511664	0.185030078	1
T2DM_admission_leukocyte	<i>FAM20B</i>	-0.003187131	0.039059475	0.417940117	1
T2DM_admission_leukocyte	<i>TNNI1</i>	-0.032764386	0.029696729	0.386320093	1
T2DM_admission_leukocyte	<i>PM20D1</i>	0.015016651	0.000393396	0.081760903	1
T2DM_admission_leukocyte	<i>LYPLAL1</i>	-0.002868247	0.032112083	0.398527809	1
T2DM_admission_leukocyte	<i>AGT</i>	-0.004075035	0.033984303	0.402326824	1
T2DM_admission_leukocyte	<i>ARID4B</i>	-0.000954935	0.026387676	0.376779755	1
T2DM_admission_leukocyte	<i>SH3YL1</i>	-0.001940186	0.024103145	0.361225293	1
T2DM_admission_leukocyte	<i>LPIN1</i>	-0.002435985	0.001181616	0.111118904	1
T2DM_admission_leukocyte	<i>DDX1</i>	0.001044744	0.016176949	0.309745998	1
T2DM_admission_leukocyte	<i>PFN4</i>	-0.026354033	0.016713432	0.317385523	1
T2DM_admission_leukocyte	<i>LCLAT1</i>	-0.005165223	0.002967483	0.176211992	1
T2DM_admission_leukocyte	<i>STON1</i>	-0.008266169	0.025991077	0.373971614	1
T2DM_admission_leukocyte	<i>ACYP2</i>	-0.001962319	0.033450343	0.398527809	1
T2DM_admission_leukocyte	<i>PAIP2B</i>	-0.003397036	0.018908643	0.335247549	1
T2DM_admission_leukocyte	<i>ITPRIPL1</i>	-0.015006736	0.046837201	0.438405305	1
T2DM_admission_leukocyte	<i>ZAP70</i>	-0.04154853	0.005274441	0.202980825	1
T2DM_admission_leukocyte	<i>TSGA10</i>	-0.005616759	0.004353125	0.200945537	1
T2DM_admission_leukocyte	<i>LIPT1</i>	-0.006777777	0.009498223	0.242451734	1
T2DM_admission_leukocyte	<i>LYG1</i>	0.013907697	0.036816875	0.414393163	1
T2DM_admission_leukocyte	<i>REV1</i>	-0.003142308	0.022606075	0.352372196	1
T2DM_admission_leukocyte	<i>IL1RL2</i>	-0.009677333	0.047026071	0.438405305	1
T2DM_admission_leukocyte	<i>GCC2</i>	-0.001246232	0.008166426	0.236826355	1
T2DM_admission_leukocyte	<i>TMEM185B</i>	0.004940946	0.010647901	0.257224249	1
T2DM_admission_leukocyte	<i>ACMSD</i>	-0.010994914	0.000581452	0.091882271	1
T2DM_admission_leukocyte	<i>CCNT2</i>	-0.003241765	0.027603084	0.383877832	1

T2DM_admission leukocyte	<i>DPP4</i>	-0.005719704	0.029076945	0.385554492	1
T2DM_admission leukocyte	<i>GALNT3</i>	0.004855171	0.015070677	0.303069785	1
T2DM_admission leukocyte	<i>FASTKD1</i>	-0.00666368	0.00388251	0.192825528	1
T2DM_admission leukocyte	<i>FKBP7</i>	-0.004745204	0.029317387	0.385554492	1
T2DM_admission leukocyte	<i>CCDC141</i>	-0.004946181	0.0061526	0.214886987	1
T2DM_admission leukocyte	<i>DUSP19</i>	0.026560666	0.011712826	0.273860505	1
T2DM_admission leukocyte	<i>STAT4</i>	-0.004772298	0.033973541	0.402326824	1
T2DM_admission leukocyte	<i>METTL21A</i>	-0.002268696	0.038132814	0.417940117	1
T2DM_admission leukocyte	<i>SLC23A3</i>	-0.049544005	0.000123935	0.038636817	0.463641807
T2DM_admission leukocyte	<i>LRRFIP1</i>	-0.000698511	0.014397385	0.296216881	1
T2DM_admission leukocyte	<i>IL17RC</i>	-0.004860406	0.029475698	0.385554492	1
T2DM_admission leukocyte	<i>ATG7</i>	-0.008914298	0.00891123	0.242451734	1
T2DM_admission leukocyte	<i>HDAC11</i>	-0.00959407	0.009232424	0.242451734	1
T2DM_admission leukocyte	<i>GPD1L</i>	-0.009499887	0.039738252	0.421135415	1
T2DM_admission leukocyte	<i>EXOG</i>	-0.004684394	0.045358401	0.434703605	1
T2DM_admission leukocyte	<i>POMGNT2</i>	-0.006217336	0.023669767	0.357050793	1
T2DM_admission leukocyte	<i>ALS2CL</i>	-0.012187059	0.005236894	0.202980825	1
T2DM_admission leukocyte	<i>CDC25A</i>	-0.025477477	0.035536958	0.413638789	1
T2DM_admission leukocyte	<i>ZNF589</i>	-0.005937095	0.02700088	0.380921501	1
T2DM_admission leukocyte	<i>QRICH1</i>	-0.002551759	0.003976768	0.193208952	1
T2DM_admission leukocyte	<i>GMPPB</i>	-0.005835958	0.038611617	0.417940117	1
T2DM_admission leukocyte	<i>NT5DC2</i>	-0.00348264	0.002834938	0.172679966	1
T2DM_admission leukocyte	<i>ITIH4</i>	-0.009179872	0.005447962	0.202980825	1
T2DM_admission leukocyte	<i>IL17RD</i>	-0.013448657	0.003917332	0.192825528	1
T2DM_admission leukocyte	<i>FLNB</i>	-0.003046548	0.047387761	0.438405305	1
T2DM_admission leukocyte	<i>EPHA3</i>	0.017368176	0.002204735	0.149962072	1
T2DM_admission leukocyte	<i>ALG1L</i>	-0.020067416	0.001270175	0.113136303	1
T2DM_admission leukocyte	<i>SLC41A3</i>	-0.002114796	0.02052716	0.350418657	1
T2DM_admission leukocyte	<i>TPRA1</i>	0.004781603	0.00029135	0.072662753	1
T2DM_admission leukocyte	<i>PIK3R4</i>	-0.005519886	0.041339089	0.424861347	1
T2DM_admission leukocyte	<i>ASTE1</i>	-0.006407264	0.049011654	0.442763258	1
T2DM_admission leukocyte	<i>TM4SF18</i>	0.003658684	0.021730011	0.352268729	1
T2DM_admission leukocyte	<i>SHOX2</i>	-0.032831903	0.010199815	0.252698718	1
T2DM_admission leukocyte	<i>RSRC1</i>	-0.00213496	0.032246513	0.398527809	1
T2DM_admission leukocyte	<i>CAMK2N2</i>	-0.003927243	0.018288973	0.330526811	1
T2DM_admission leukocyte	<i>GMNC</i>	-0.023393501	0.033276459	0.398527809	1
T2DM_admission leukocyte	<i>XXYLTI</i>	-0.005082126	0.024340883	0.361346207	1
T2DM_admission leukocyte	<i>DLG1</i>	-0.002710847	0.044720989	0.434667571	1
T2DM_admission leukocyte	<i>ZNF718</i>	-0.011058691	0.030244584	0.388814393	1
T2DM_admission leukocyte	<i>PCGF3</i>	-0.005651676	0.023142077	0.353365346	1
T2DM_admission leukocyte	<i>SH3BP2</i>	-0.005512061	0.049235369	0.442763258	1
T2DM_admission leukocyte	<i>TMEM128</i>	-0.002393823	0.047673587	0.438721369	1
T2DM_admission leukocyte	<i>MSX1</i>	0.003684156	0.004119562	0.195079511	1
T2DM_admission leukocyte	<i>CRMP1</i>	-0.002555804	0.045513259	0.434703605	1
T2DM_admission leukocyte	<i>SH3TC1</i>	-0.003267903	0.021886179	0.352268729	1
T2DM_admission leukocyte	<i>ACOX3</i>	-0.009639267	0.033382671	0.398527809	1
T2DM_admission leukocyte	<i>SLC2A9</i>	-0.007517257	0.047926562	0.439367292	1
T2DM_admission leukocyte	<i>N4BP2</i>	-0.003735262	0.00046976	0.087868545	1
T2DM_admission leukocyte	<i>NSUN7</i>	-0.006736986	0.003458684	0.185030078	1
T2DM_admission leukocyte	<i>NFXL1</i>	0.007155463	0.037330784	0.415638283	1
T2DM_admission leukocyte	<i>NUP54</i>	-0.003261249	0.03658017	0.414393163	1
T2DM_admission leukocyte	<i>CNOT6L</i>	-0.00241618	0.017641755	0.328347298	1
T2DM_admission leukocyte	<i>HSD17B11</i>	-0.003174065	0.005090766	0.202980825	1
T2DM_admission leukocyte	<i>DDIT4L</i>	-0.01958827	0.041195899	0.424556079	1
T2DM_admission leukocyte	<i>LINC01091</i>	-0.003938943	0.045235095	0.434703605	1
T2DM_admission leukocyte	<i>ZNF827</i>	-0.004027473	0.03261232	0.398527809	1

T2DM_admission leukocyte	<i>SLC10A7</i>	-0.009075289	0.036590533	0.414393163	1
T2DM_admission leukocyte	<i>FNIP2</i>	-0.002506558	0.006764701	0.22395352	1
T2DM_admission leukocyte	<i>CEP44</i>	-0.004720104	0.014259152	0.296216881	1
T2DM_admission leukocyte	<i>HPGD</i>	-0.006748641	0.031919826	0.398527809	1
T2DM_admission leukocyte	<i>DNAJC21</i>	-0.003632907	0.009451514	0.242451734	1
T2DM_admission leukocyte	<i>SPEF2</i>	-0.009176355	0.033135013	0.398527809	1
T2DM_admission leukocyte	<i>NSA2</i>	0.001419128	7.51E-06	0.00702338	0.028093522
T2DM_admission leukocyte	<i>PDE8B</i>	0.003868431	0.004575953	0.200945537	1
T2DM_admission leukocyte	<i>ATG12</i>	-0.001177101	0.014377744	0.296216881	1
T2DM_admission leukocyte	<i>DTWD2</i>	-0.009161274	0.022382175	0.352372196	1
T2DM_admission leukocyte	<i>DMXL1</i>	-0.005708332	0.01884273	0.335247549	1
T2DM_admission leukocyte	<i>KLHL3</i>	-0.005714668	1.39E-05	0.008643063	0.05185838
T2DM_admission leukocyte	<i>PCDHA2</i>	-0.036073212	0.042681857	0.429228032	1
T2DM_admission leukocyte	<i>PCDHA4</i>	-0.018041281	0.006203634	0.214886987	1
T2DM_admission leukocyte	<i>PCDHA5</i>	-0.021446927	0.003505548	0.185030078	1
T2DM_admission leukocyte	<i>PCDHB8</i>	-0.031145294	0.003905305	0.192825528	1
T2DM_admission leukocyte	<i>SLU7</i>	0.001119945	0.012746239	0.2875624	1
T2DM_admission leukocyte	<i>ATP10B</i>	-0.018878059	0.032742441	0.398527809	1
T2DM_admission leukocyte	<i>PRELID1</i>	-0.000919506	0.020474096	0.350418657	1
T2DM_admission leukocyte	<i>RIPK1</i>	-0.004299423	0.04662347	0.438405305	1
T2DM_admission leukocyte	<i>TXNDC5</i>	-0.004033175	0.04231973	0.429123298	1
T2DM_admission leukocyte	<i>TBC1D7</i>	0.003173793	0.029191386	0.385554492	1
T2DM_admission leukocyte	<i>CD83</i>	-0.005476739	0.013049061	0.287978966	1
T2DM_admission leukocyte	<i>DCDC2</i>	0.004978905	0.008667736	0.242451734	1
T2DM_admission leukocyte	<i>C6orf62</i>	-0.002439952	0.015081801	0.303069785	1
T2DM_admission leukocyte	<i>TRIM38</i>	-0.005064263	0.017890037	0.330526811	1
T2DM_admission leukocyte	<i>BTN3A2</i>	-0.010738335	0.041611896	0.425328151	1
T2DM_admission leukocyte	<i>BTN2A2</i>	-0.01274258	0.023583419	0.357050793	1
T2DM_admission leukocyte	<i>ZNF311</i>	-0.023135436	0.021105952	0.350418657	1
T2DM_admission leukocyte	<i>TRIM26</i>	-0.007771131	0.007916548	0.233411804	1
T2DM_admission leukocyte	<i>SFTA2</i>	-0.015430699	0.010404922	0.256084296	1
T2DM_admission leukocyte	<i>MICB</i>	-0.012443357	0.033039787	0.398527809	1
T2DM_admission leukocyte	<i>ATP6V1G2</i>	-0.033481983	0.012552014	0.2875624	1
T2DM_admission leukocyte	<i>EHMT2</i>	-0.005097686	0.043577465	0.43242254	1
T2DM_admission leukocyte	<i>HLA-DRB5</i>	-0.003128769	0.033303048	0.398527809	1
T2DM_admission leukocyte	<i>HLA-DOB</i>	-0.047102549	0.014561186	0.297668832	1
T2DM_admission leukocyte	<i>IP6K3</i>	-0.046787556	0.00649474	0.218890275	1
T2DM_admission leukocyte	<i>SRPK1</i>	-0.002937474	0.032117462	0.398527809	1
T2DM_admission leukocyte	<i>KCNK17</i>	-0.008369155	0.006955821	0.225244511	1
T2DM_admission leukocyte	<i>PGC</i>	-0.009675199	0.037723501	0.417525494	1
T2DM_admission leukocyte	<i>CD2AP</i>	0.00328959	0.038945554	0.417940117	1
T2DM_admission leukocyte	<i>C6orf141</i>	-0.0094196	0.013712504	0.296216881	1
T2DM_admission leukocyte	<i>FAM83B</i>	-0.010598416	0.042327318	0.429123298	1
T2DM_admission leukocyte	<i>SMIM8</i>	-0.005387209	0.030066539	0.387858349	1
T2DM_admission leukocyte	<i>SCML4</i>	-0.012074097	0.02156297	0.352268729	1
T2DM_admission leukocyte	<i>SAMD5</i>	-0.002471777	0.015146162	0.303069785	1
T2DM_admission leukocyte	<i>DYNLT1</i>	-0.001095227	0.047089095	0.438405305	1
T2DM_admission leukocyte	<i>RNASET2</i>	-0.0027601	0.036383217	0.414393163	1
T2DM_admission leukocyte	<i>CCR6</i>	-0.034446544	0.045498902	0.434703605	1
T2DM_admission leukocyte	<i>CARD11</i>	-0.007408573	0.01379409	0.296216881	1
T2DM_admission leukocyte	<i>RPA3</i>	-0.001632778	0.021838384	0.352268729	1
T2DM_admission leukocyte	<i>FAM221A</i>	-0.003899534	0.021102765	0.350418657	1
T2DM_admission leukocyte	<i>PRR15</i>	-0.006737825	0.049155173	0.442763258	1
T2DM_admission leukocyte	<i>DPY19L1</i>	-0.004800672	0.020187582	0.348026475	1
T2DM_admission leukocyte	<i>POLM</i>	-0.004592418	0.03688753	0.414393163	1
T2DM_admission leukocyte	<i>ZNF138</i>	-0.004483388	0.033056943	0.398527809	1

T2DM_admission leukocyte	<i>ZNF117</i>	-0.006520078	0.040443198	0.423803929	1
T2DM_admission leukocyte	<i>MLXIPL</i>	-0.004089067	0.014229914	0.296216881	1
T2DM_admission leukocyte	<i>LMTK2</i>	-0.002599966	0.026326977	0.376779755	1
T2DM_admission leukocyte	<i>BRI3</i>	-0.000842876	0.028264965	0.385554492	1
T2DM_admission leukocyte	<i>PRKRIP1</i>	0.003851386	0.038235409	0.417940117	1
T2DM_admission leukocyte	<i>POLR2J3</i>	-0.001661942	0.035713801	0.413638789	1
T2DM_admission leukocyte	<i>NRCAM</i>	0.002541974	0.002283273	0.152530776	1
T2DM_admission leukocyte	<i>CAV2</i>	-0.001923248	0.039114009	0.417940117	1
T2DM_admission leukocyte	<i>ZNF800</i>	0.001455334	0.039976749	0.422415019	1
T2DM_admission leukocyte	<i>AHCYL2</i>	-0.005879309	0.035138187	0.410787363	1
T2DM_admission leukocyte	<i>TPK1</i>	-0.014421645	0.00748214	0.227566553	1
T2DM_admission leukocyte	<i>DEFB134</i>	-0.043567966	0.047730446	0.438721369	1
T2DM_admission leukocyte	<i>PIWIL2</i>	-0.017912694	0.036997411	0.414393163	1
T2DM_admission leukocyte	<i>C8orf58</i>	-0.004868959	0.040084825	0.422415019	1
T2DM_admission leukocyte	<i>BIN3</i>	-0.003090821	0.012461316	0.2875624	1
T2DM_admission leukocyte	<i>ESCO2</i>	-0.022718108	0.004572888	0.200945537	1
T2DM_admission leukocyte	<i>IMPA1</i>	-0.003674538	0.010863788	0.257224249	1
T2DM_admission leukocyte	<i>RMDN1</i>	0.004013204	0.006984326	0.225244511	1
T2DM_admission leukocyte	<i>CPNE3</i>	-0.001718254	0.035712791	0.413638789	1
T2DM_admission leukocyte	<i>TSPYL5</i>	-0.005105559	0.015863172	0.307482525	1
T2DM_admission leukocyte	<i>SPAG1</i>	-0.005331444	2.24E-06	0.004188586	0.008377172
T2DM_admission leukocyte	<i>LRP12</i>	-0.005107916	0.031411851	0.398527809	1
T2DM_admission leukocyte	<i>SAMD12</i>	0.004459697	0.00915743	0.242451734	1
T2DM_admission leukocyte	<i>ZNF623</i>	-0.008696614	0.025979213	0.373971614	1
T2DM_admission leukocyte	<i>PUF60</i>	-0.003263117	0.000615167	0.091882271	1
T2DM_admission leukocyte	<i>PLEC</i>	-0.005283518	0.025590961	0.373320545	1
T2DM_admission leukocyte	<i>C8orf82</i>	0.002856203	0.013245345	0.289770958	1
T2DM_admission leukocyte	<i>RPL8</i>	-0.000454161	0.003405793	0.185030078	1
T2DM_admission leukocyte	<i>ZNF517</i>	-0.009718627	0.016228339	0.309745998	1
T2DM_admission leukocyte	<i>NFX1</i>	-0.002906636	0.002053051	0.142230828	1
T2DM_admission leukocyte	<i>SLC25A51</i>	-0.009281211	0.008768129	0.242451734	1
T2DM_admission leukocyte	<i>GOLM1</i>	-0.003375513	0.041056631	0.424525511	1
T2DM_admission leukocyte	<i>HSD17B3</i>	-0.04919858	0.00187482	0.139971095	1
T2DM_admission leukocyte	<i>ZNF462</i>	0.007447968	0.003752608	0.192308318	1
T2DM_admission leukocyte	<i>ZNF483</i>	0.002353919	0.001500239	0.126438711	1
T2DM_admission leukocyte	<i>CDC26</i>	-0.002674363	0.026972035	0.380921501	1
T2DM_admission leukocyte	<i>BSPRY</i>	-0.003753336	0.018266527	0.330526811	1
T2DM_admission leukocyte	<i>RABGAP1</i>	-0.004440388	0.009577381	0.242451734	1
T2DM_admission leukocyte	<i>ZNF79</i>	-0.014321522	0.013752562	0.296216881	1
T2DM_admission leukocyte	<i>QRFPL</i>	-0.082049908	0.012836921	0.2875624	1
T2DM_admission leukocyte	<i>UCK1</i>	-0.003218144	0.027294421	0.38242857	1
T2DM_admission leukocyte	<i>DNLZ</i>	-0.026426132	0.008296293	0.238741778	1
T2DM_admission leukocyte	<i>ARRDC1</i>	-0.007908386	0.033055147	0.398527809	1
T2DM_admission leukocyte	<i>IL2RA</i>	-0.020165154	0.018140361	0.330526811	1
T2DM_admission leukocyte	<i>CAMK1D</i>	-0.015400981	0.001214229	0.111118904	1
T2DM_admission leukocyte	<i>MCM10</i>	-0.019401219	0.000920031	0.100398811	1
T2DM_admission leukocyte	<i>TRDMT1</i>	-0.014519173	0.004809665	0.202980825	1
T2DM_admission leukocyte	<i>CSGALNACT2</i>	-0.002229325	0.012015831	0.279200137	1
T2DM_admission leukocyte	<i>CXCL12</i>	-0.005779916	0.041079453	0.424525511	1
T2DM_admission leukocyte	<i>ARHGAP22</i>	-0.02066221	0.016835859	0.318095699	1
T2DM_admission leukocyte	<i>PPA1</i>	-0.001080519	0.018025736	0.330526811	1
T2DM_admission leukocyte	<i>FAM149B1</i>	-0.005247219	0.02172949	0.352268729	1
T2DM_admission leukocyte	<i>SFTPD</i>	-0.023515357	9.20E-05	0.034399442	0.343994424
T2DM_admission leukocyte	<i>LDB3</i>	-0.008947938	0.039213307	0.417940117	1
T2DM_admission leukocyte	<i>IFIT5</i>	-0.004093956	0.015149439	0.303069785	1
T2DM_admission leukocyte	<i>LINC00865</i>	-0.005435059	0.028292275	0.385554492	1

T2DM_admission leukocyte	<i>LCOR</i>	-0.003332722	0.007480058	0.227566553	1
T2DM_admission leukocyte	<i>HPS1</i>	-0.002992714	0.015490277	0.307267952	1
T2DM_admission leukocyte	<i>TRIM8</i>	-0.001707798	0.010838334	0.257224249	1
T2DM_admission leukocyte	<i>DUSP5</i>	-0.003095146	0.046545797	0.438405305	1
T2DM_admission leukocyte	<i>C10orf82</i>	-0.070265327	0.041561147	0.425328151	1
T2DM_admission leukocyte	<i>FUOM</i>	-0.007788682	0.009510177	0.242451734	1
T2DM_admission leukocyte	<i>RIC8A</i>	-0.004776792	0.028312801	0.385554492	1
T2DM_admission leukocyte	<i>IFITM1</i>	0.01045037	0.000669472	0.091882271	1
T2DM_admission leukocyte	<i>CD151</i>	-0.001333228	0.006319446	0.216890351	1
T2DM_admission leukocyte	<i>LDHC</i>	-0.02375827	0.028890985	0.385554492	1
T2DM_admission leukocyte	<i>SPTY2D1</i>	-0.002312833	0.035963641	0.413969169	1
T2DM_admission leukocyte	<i>IGSF22</i>	0.002714925	0.021169371	0.350418657	1
T2DM_admission leukocyte	<i>HSD17B12</i>	-0.001939215	0.015775182	0.307369561	1
T2DM_admission leukocyte	<i>CCDC88B</i>	-0.01457774	0.023122823	0.353365346	1
T2DM_admission leukocyte	<i>SNX32</i>	0.028235845	0.015526909	0.307267952	1
T2DM_admission leukocyte	<i>CTSW</i>	-0.013565916	0.028811256	0.385554492	1
T2DM_admission leukocyte	<i>NADSYN1</i>	-0.003763443	0.005504386	0.202980825	1
T2DM_admission leukocyte	<i>FCHSD2</i>	-0.005314313	0.04255239	0.429228032	1
T2DM_admission leukocyte	<i>PLEKHB1</i>	-0.009359042	8.61E-05	0.034399442	0.322158253
T2DM_admission leukocyte	<i>C2CD3</i>	-0.012996289	0.002596589	0.167208307	1
T2DM_admission leukocyte	<i>PGM2L1</i>	0.003631335	0.005588619	0.202980825	1
T2DM_admission leukocyte	<i>TSKU</i>	-0.00621032	0.005083534	0.202980825	1
T2DM_admission leukocyte	<i>NAALAD2</i>	0.061950737	7.31E-06	0.00702338	0.027340511
T2DM_admission leukocyte	<i>KDM4E</i>	0.033913419	0.02670753	0.379896841	1
T2DM_admission leukocyte	<i>CEP57</i>	-0.002487686	0.010952863	0.257702274	1
T2DM_admission leukocyte	<i>CCDC82</i>	0.001818514	0.008611883	0.242451734	1
T2DM_admission leukocyte	<i>MMP1</i>	-0.003277614	0.000904614	0.100398811	1
T2DM_admission leukocyte	<i>MPZL3</i>	-0.004238613	0.042579131	0.429228032	1
T2DM_admission leukocyte	<i>TRAPPC4</i>	-0.001688652	0.02255409	0.352372196	1
T2DM_admission leukocyte	<i>VPS11</i>	-0.006740265	0.005325166	0.202980825	1
T2DM_admission leukocyte	<i>HMBS</i>	0.00419786	0.043414223	0.43242254	1
T2DM_admission leukocyte	<i>POU2F3</i>	-0.012998095	0.01008232	0.251453067	1
T2DM_admission leukocyte	<i>CCDC15</i>	-0.035367328	0.007997309	0.23373386	1
T2DM_admission leukocyte	<i>FAM118B</i>	-0.013646	0.012970179	0.287978966	1
T2DM_admission leukocyte	<i>JAM3</i>	-0.00333384	0.04664487	0.438405305	1
T2DM_admission leukocyte	<i>B3GAT1</i>	-0.020077759	0.04473323	0.434667571	1
T2DM_admission leukocyte	<i>SLC6A12</i>	-0.022831083	0.036963049	0.414393163	1
T2DM_admission leukocyte	<i>TEAD4</i>	0.009023951	1.17E-05	0.008643063	0.043786832
T2DM_admission leukocyte	<i>PEX5</i>	-0.003513304	0.046845666	0.438405305	1
T2DM_admission leukocyte	<i>KLRG1</i>	-0.012766347	0.034646277	0.407584035	1
T2DM_admission leukocyte	<i>LMO3</i>	0.010057175	0.003696441	0.192060922	1
T2DM_admission leukocyte	<i>GYS2</i>	-0.063098113	0.000890168	0.100398811	1
T2DM_admission leukocyte	<i>BCAT1</i>	-0.008048645	0.033172992	0.398527809	1
T2DM_admission leukocyte	<i>MRPS35</i>	-0.002500211	0.005516189	0.202980825	1
T2DM_admission leukocyte	<i>COX14</i>	-0.001296131	0.028328085	0.385554492	1
T2DM_admission leukocyte	<i>ZNF740</i>	-0.009327231	0.019074419	0.336105213	1
T2DM_admission leukocyte	<i>METTL7B</i>	-0.020955768	0.005157208	0.202980825	1
T2DM_admission leukocyte	<i>SARNP</i>	-0.004293197	0.001928458	0.139971095	1
T2DM_admission leukocyte	<i>GLIPR1L2</i>	-0.010914096	0.022129339	0.352280249	1
T2DM_admission leukocyte	<i>ACSS3</i>	0.018174767	0.025646453	0.373320545	1
T2DM_admission leukocyte	<i>CEP290</i>	-0.002476317	0.04222141	0.429123298	1
T2DM_admission leukocyte	<i>TMPO</i>	-0.004742784	0.005660994	0.203632493	1
T2DM_admission leukocyte	<i>ARL6IP4</i>	-0.001148796	0.016941131	0.318476244	1
T2DM_admission leukocyte	<i>CCDC92</i>	-0.002415002	0.015687832	0.307267952	1
T2DM_admission leukocyte	<i>BRI3BP</i>	0.006011367	0.029844028	0.386320093	1
T2DM_admission leukocyte	<i>ZNF10</i>	-0.0042232	0.007769693	0.232531379	1

T2DM_admission leukocyte	<i>ATP12A</i>	0.018582295	0.032240905	0.398527809	1
T2DM_admission leukocyte	<i>TRPC4</i>	0.011206413	0.010813089	0.257224249	1
T2DM_admission leukocyte	<i>FNDC3A</i>	-0.003222253	0.006835717	0.224319463	1
T2DM_admission leukocyte	<i>TBC1D4</i>	-0.006615326	0.001968565	0.139971095	1
T2DM_admission leukocyte	<i>TM9SF2</i>	-0.002405982	0.024659175	0.364624397	1
T2DM_admission leukocyte	<i>CDC16</i>	-0.002709028	0.022459291	0.352372196	1
T2DM_admission leukocyte	<i>CLEC14A</i>	0.002266014	0.021152021	0.350418657	1
T2DM_admission leukocyte	<i>VCPKMT</i>	-0.003455835	0.040923473	0.424525511	1
T2DM_admission leukocyte	<i>BMP4</i>	0.005587683	0.007423591	0.227566553	1
T2DM_admission leukocyte	<i>RHOJ</i>	0.00566206	0.010730267	0.257224249	1
T2DM_admission leukocyte	<i>HSPA2</i>	-0.002754058	0.005541409	0.202980825	1
T2DM_admission leukocyte	<i>SPTB</i>	-0.00327038	0.012611181	0.2875624	1
T2DM_admission leukocyte	<i>ATP6V1D</i>	-0.002626229	0.001103543	0.111118904	1
T2DM_admission leukocyte	<i>LIN52</i>	-0.004872816	0.008817254	0.242451734	1
T2DM_admission leukocyte	<i>GSTZ1</i>	0.010326557	6.15E-05	0.028761597	0.230092776
T2DM_admission leukocyte	<i>TMED8</i>	0.001518539	0.000687705	0.091882271	1
T2DM_admission leukocyte	<i>NOXRED1</i>	-0.031055362	0.019389012	0.337368807	1
T2DM_admission leukocyte	<i>IFI27L1</i>	-0.003922703	0.043324219	0.43242254	1
T2DM_admission leukocyte	<i>SERPINA5</i>	-0.002979132	0.034317393	0.404988537	1
T2DM_admission leukocyte	<i>CCDC85C</i>	-0.005266015	0.040297527	0.423463615	1
T2DM_admission leukocyte	<i>MARK3</i>	-0.0014882	0.005386345	0.202980825	1
T2DM_admission leukocyte	<i>CKB</i>	-0.001502577	0.000589048	0.091882271	1
T2DM_admission leukocyte	<i>PPP1R13B</i>	-0.005865721	0.009468596	0.242451734	1
T2DM_admission leukocyte	<i>SIVA1</i>	-0.001258803	0.002637073	0.167208307	1
T2DM_admission leukocyte	<i>AKT1</i>	-0.003500944	0.001520915	0.126438711	1
T2DM_admission leukocyte	<i>ZBTB42</i>	-0.008486762	0.001872523	0.139971095	1
T2DM_admission leukocyte	<i>UBR1</i>	-0.004082361	0.038623355	0.417940117	1
T2DM_admission leukocyte	<i>TUBGCP4</i>	-0.005253097	0.005175933	0.202980825	1
T2DM_admission leukocyte	<i>PPP5K1</i>	-0.012770729	0.001136958	0.111118904	1
T2DM_admission leukocyte	<i>ELL3</i>	-0.017036675	0.001217823	0.111118904	1
T2DM_admission leukocyte	<i>SERF2</i>	-0.000803061	0.000610638	0.091882271	1
T2DM_admission leukocyte	<i>ATP8B4</i>	-0.017891718	0.040746852	0.424525511	1
T2DM_admission leukocyte	<i>USP8</i>	-0.003541581	5.18E-07	0.001939598	0.001939598
T2DM_admission leukocyte	<i>RSL24D1</i>	-0.001528722	0.018894732	0.335247549	1
T2DM_admission leukocyte	<i>RAB27A</i>	-0.003360223	0.017220556	0.322110509	1
T2DM_admission leukocyte	<i>ZNF280D</i>	-0.002311232	0.003422081	0.185030078	1
T2DM_admission leukocyte	<i>LINC00926</i>	-0.004996122	0.006593506	0.220234867	1
T2DM_admission leukocyte	<i>LIPC</i>	0.012893682	0.027555275	0.383877832	1
T2DM_admission leukocyte	<i>ADAM10</i>	-0.002878361	0.047116283	0.438405305	1
T2DM_admission leukocyte	<i>CELF6</i>	0.003604961	0.01600598	0.308651398	1
T2DM_admission leukocyte	<i>SCAPER</i>	-0.002442969	0.02423618	0.361225293	1
T2DM_admission leukocyte	<i>PEAK1</i>	-0.005683435	0.005746982	0.204192972	1
T2DM_admission leukocyte	<i>MORF4L1</i>	-0.000901124	0.000231467	0.061851374	0.865919237
T2DM_admission leukocyte	<i>POLG</i>	-0.003170199	0.018612816	0.33476223	1
T2DM_admission leukocyte	<i>UNC45A</i>	-0.0028772	0.022315256	0.352372196	1
T2DM_admission leukocyte	<i>FAHD1</i>	-0.007260691	0.000648133	0.091882271	1
T2DM_admission leukocyte	<i>RNPS1</i>	-0.00166758	0.009864856	0.247680703	1
T2DM_admission leukocyte	<i>FLYWCHI</i>	-0.006927933	0.00093931	0.100398811	1
T2DM_admission leukocyte	<i>PMM2</i>	-0.005518002	0.007225333	0.227142618	1
T2DM_admission leukocyte	<i>NOMO1</i>	-0.004323197	0.046459433	0.438405305	1
T2DM_admission leukocyte	<i>IL4R</i>	-0.004748266	0.032363048	0.398527809	1
T2DM_admission leukocyte	<i>XPO6</i>	-0.005561325	0.029040485	0.385554492	1
T2DM_admission leukocyte	<i>SULT1A1</i>	-0.008737621	0.014360267	0.296216881	1
T2DM_admission leukocyte	<i>TBX6</i>	-0.021959304	0.020724695	0.350418657	1
T2DM_admission leukocyte	<i>YPEL3</i>	-0.002972355	0.000384367	0.081760903	1
T2DM_admission leukocyte	<i>NRN1L</i>	-0.018449861	0.039180071	0.417940117	1

T2DM_admission leukocyte	<i>GLG1</i>	-0.001677417	0.000360499	0.081760903	1
T2DM_admission leukocyte	<i>RFWD3</i>	-0.009009389	0.004282973	0.200282521	1
T2DM_admission leukocyte	<i>GAS8</i>	-0.006321845	0.019136704	0.336105213	1
T2DM_admission leukocyte	<i>C17orf97</i>	-0.004231548	0.025010826	0.36836811	1
T2DM_admission leukocyte	<i>GEMIN4</i>	-0.006987053	0.048035611	0.439367292	1
T2DM_admission leukocyte	<i>CXCL16</i>	-0.002481533	0.047461681	0.438405305	1
T2DM_admission leukocyte	<i>PLD2</i>	-0.012614589	0.044688204	0.434667571	1
T2DM_admission leukocyte	<i>SPAG7</i>	0.002227403	0.028687482	0.385554492	1
T2DM_admission leukocyte	<i>RAI1</i>	0.00293668	0.018276386	0.330526811	1
T2DM_admission leukocyte	<i>USP22</i>	-0.001708373	0.029381807	0.385554492	1
T2DM_admission leukocyte	<i>MYO18A</i>	-0.004075744	0.030752517	0.393990295	1
T2DM_admission leukocyte	<i>TP53I13</i>	0.002122444	0.048633365	0.44159568	1
T2DM_admission leukocyte	<i>C17orf75</i>	-0.006643717	0.009591782	0.242451734	1
T2DM_admission leukocyte	<i>CCT6B</i>	-0.010326925	0.000115956	0.038636817	0.433792349
T2DM_admission leukocyte	<i>LIG3</i>	-0.003788996	0.045124962	0.434703605	1
T2DM_admission leukocyte	<i>DHRS11</i>	-0.00401933	0.048413085	0.440665088	1
T2DM_admission leukocyte	<i>TADA2A</i>	-0.006730194	0.043789785	0.432982883	1
T2DM_admission leukocyte	<i>SYNRG</i>	-0.004891537	0.000444871	0.087592815	1
T2DM_admission leukocyte	<i>CWC25</i>	-0.00226112	0.00328693	0.185030078	1
T2DM_admission leukocyte	<i>CIQL1</i>	-0.003575061	0.021957597	0.352268729	1
T2DM_admission leukocyte	<i>NMT1</i>	-0.00183908	0.001983017	0.139971095	1
T2DM_admission leukocyte	<i>ACBD4</i>	0.006235141	0.031417684	0.398527809	1
T2DM_admission leukocyte	<i>ARL17A</i>	-0.005996966	0.042957988	0.430846741	1
T2DM_admission leukocyte	<i>NPEPPS</i>	-0.001788057	0.002719096	0.169535628	1
T2DM_admission leukocyte	<i>LIMD2</i>	-0.007311244	0.007050146	0.225423912	1
T2DM_admission leukocyte	<i>ARSG</i>	-0.004752101	0.027818997	0.385447656	1
T2DM_admission leukocyte	<i>ABCA5</i>	-0.003441541	0.001426776	0.124129545	1
T2DM_admission leukocyte	<i>TIMP2</i>	-0.001890884	0.012806443	0.2875624	1
T2DM_admission leukocyte	<i>CHMP6</i>	-0.006971923	0.047234004	0.438405305	1
T2DM_admission leukocyte	<i>CEP192</i>	-0.004084767	0.024165896	0.361225293	1
T2DM_admission leukocyte	<i>ZNF519</i>	-0.006045984	0.038339281	0.417940117	1
T2DM_admission leukocyte	<i>TPGS2</i>	-0.004539172	0.000816796	0.100398811	1
T2DM_admission leukocyte	<i>EPG5</i>	-0.007386129	0.005276465	0.202980825	1
T2DM_admission leukocyte	<i>POLI</i>	-0.005460606	0.000768217	0.099099948	1
T2DM_admission leukocyte	<i>PIGN</i>	-0.005492106	0.00874742	0.242451734	1
T2DM_admission leukocyte	<i>TXNL4A</i>	-0.002000574	0.000625765	0.091882271	1
T2DM_admission leukocyte	<i>ARID3A</i>	-0.00504472	0.023131211	0.353365346	1
T2DM_admission leukocyte	<i>APBA3</i>	-0.014048392	0.009355271	0.242451734	1
T2DM_admission leukocyte	<i>PLIN3</i>	-0.001022516	0.047153478	0.438405305	1
T2DM_admission leukocyte	<i>NDUFA11</i>	-0.001541995	0.023076115	0.353365346	1
T2DM_admission leukocyte	<i>ZNF317</i>	-0.005502036	0.045232161	0.434703605	1
T2DM_admission leukocyte	<i>ZNF490</i>	-0.006712257	0.027085036	0.380921501	1
T2DM_admission leukocyte	<i>ABHD8</i>	-0.005031227	0.004448906	0.200945537	1
T2DM_admission leukocyte	<i>ANO8</i>	-0.02017198	0.008741353	0.242451734	1
T2DM_admission leukocyte	<i>UBA52</i>	-0.000592147	0.006477675	0.218890275	1
T2DM_admission leukocyte	<i>PDCD5</i>	-0.001545962	0.045550338	0.434703605	1
T2DM_admission leukocyte	<i>ZNF302</i>	-0.003547476	0.019890771	0.344497101	1
T2DM_admission leukocyte	<i>GRAMD1A</i>	-0.001871518	0.049025722	0.442763258	1
T2DM_admission leukocyte	<i>ZNF781</i>	-0.016049726	0.044096894	0.432982883	1
T2DM_admission leukocyte	<i>RINL</i>	-0.002974997	0.007727374	0.232531379	1
T2DM_admission leukocyte	<i>SAMD4B</i>	-0.001704594	0.02302356	0.353365346	1
T2DM_admission leukocyte	<i>MAP3K10</i>	-0.007482804	0.014410979	0.296216881	1
T2DM_admission leukocyte	<i>ITPKC</i>	0.003981423	0.001793622	0.139790438	1
T2DM_admission leukocyte	<i>PLA2G4C</i>	-0.009337401	0.00578574	0.204192972	1
T2DM_admission leukocyte	<i>KLK13</i>	-0.074997991	0.001717886	0.136736381	1
T2DM_admission leukocyte	<i>SIGLEC14</i>	-0.001992608	0.023522928	0.357050793	1

T2DM_admission leukocyte	<i>ZNF880</i>	-0.003019451	0.009140487	0.242451734	1
T2DM_admission leukocyte	<i>ZNF528</i>	0.005259634	0.007341297	0.227566553	1
T2DM_admission leukocyte	<i>TMC4</i>	-0.005544644	0.029346453	0.385554492	1
T2DM_admission leukocyte	<i>GP6</i>	0.020416872	0.003097107	0.18103556	1
T2DM_admission leukocyte	<i>RDH13</i>	-0.007331754	0.001665626	0.135458809	1
T2DM_admission leukocyte	<i>ZNF471</i>	-0.010380585	0.004704962	0.202313371	1
T2DM_admission leukocyte	<i>ZNF548</i>	-0.005238126	0.036527616	0.414393163	1
T2DM_admission leukocyte	<i>ZSCAN1</i>	-0.003267734	0.033169857	0.398527809	1
T2DM_admission leukocyte	<i>ZSCAN18</i>	-0.003252763	0.010784115	0.257224249	1
T2DM_admission leukocyte	<i>ZNF329</i>	-0.006979032	5.75E-05	0.028761597	0.215005067
T2DM_admission leukocyte	<i>RBCK1</i>	-0.002183356	0.035883725	0.413969169	1
T2DM_admission leukocyte	<i>RBBP9</i>	-0.007155766	0.039045852	0.417940117	1
T2DM_admission leukocyte	<i>PTPRT</i>	-0.00608152	0.037226989	0.415638283	1
T2DM_admission leukocyte	<i>SYS1</i>	-0.004630712	0.000833396	0.100398811	1
T2DM_admission leukocyte	<i>NCOA3</i>	-0.002651353	0.002342147	0.153718823	1
T2DM_admission leukocyte	<i>YTHDF1</i>	-0.002057311	0.01565957	0.307267952	1
T2DM_admission leukocyte	<i>PCMTD2</i>	-0.001879578	0.048224966	0.440023406	1
T2DM_admission leukocyte	<i>IFNAR2</i>	-0.002470042	0.021752223	0.352268729	1
T2DM_admission leukocyte	<i>TMEM50B</i>	0.00182869	0.04408676	0.432982883	1
T2DM_admission leukocyte	<i>PDXK</i>	-0.002005069	0.043489494	0.43242254	1
T2DM_admission leukocyte	<i>MCM3AP</i>	-0.003443902	0.022034451	0.352268729	1
T2DM_admission leukocyte	<i>DIP2A</i>	-0.00459486	0.014363736	0.296216881	1
T2DM_admission leukocyte	<i>MICAL3</i>	-0.003179277	0.02561539	0.373320545	1
T2DM_admission leukocyte	<i>CLTCL1</i>	-0.017750244	0.038979302	0.417940117	1
T2DM_admission leukocyte	<i>ARVCF</i>	-0.004835625	0.019311084	0.337368807	1
T2DM_admission leukocyte	<i>CCDC116</i>	0.028501391	0.020987216	0.350418657	1
T2DM_admission leukocyte	<i>PES1</i>	-0.004663643	0.00453291	0.200945537	1
T2DM_admission leukocyte	<i>SF11</i>	-0.010321342	0.002861844	0.172679966	1
T2DM_admission leukocyte	<i>CBX6</i>	-0.00131993	0.031506802	0.398527809	1
T2DM_admission leukocyte	<i>APOBEC3G</i>	-0.006755441	0.004619438	0.200945537	1
T2DM_admission leukocyte	<i>NUP50</i>	-0.00517274	0.007130203	0.226051612	1
T2DM_admission leukocyte	<i>HDAC10</i>	0.009479493	0.0033241	0.185030078	1
T2DM_admission leukocyte	<i>MIOX</i>	0.016469518	0.013086454	0.287978966	1
T2DM_admission leukocyte	<i>RABL2B</i>	0.00663758	0.02978867	0.386320093	1
T2DM_admission mesenchymal_cell	<i>H6PD</i>	-0.002377551	0.015754182	0.355038524	1
T2DM_admission mesenchymal_cell	<i>PGD</i>	-0.005109673	0.003119196	0.188208241	1
T2DM_admission mesenchymal_cell	<i>FBXO6</i>	-0.005169022	0.018701465	0.372139259	1
T2DM_admission mesenchymal_cell	<i>PLEKHM2</i>	-0.002359817	0.049119946	0.520100743	1
T2DM_admission mesenchymal_cell	<i>KLHDC7A</i>	0.012255205	0.037229611	0.48359714	1
T2DM_admission mesenchymal_cell	<i>EPHB2</i>	-0.004029199	0.044242907	0.506333783	1
T2DM_admission mesenchymal_cell	<i>SFN</i>	-0.014516306	0.003836445	0.20800206	1
T2DM_admission mesenchymal_cell	<i>RAB42</i>	-0.014412248	0.03404377	0.472869706	1
T2DM_admission mesenchymal_cell	<i>C1orf109</i>	-0.003446831	0.004806548	0.225237392	1
T2DM_admission mesenchymal_cell	<i>FHL3</i>	-0.004157553	0.042655677	0.498671524	1
T2DM_admission mesenchymal_cell	<i>NDUFS5</i>	-0.001095294	0.003551818	0.202186066	1
T2DM_admission mesenchymal_cell	<i>TRIT1</i>	-0.008017553	0.010273753	0.308379889	1
T2DM_admission mesenchymal_cell	<i>CITED4</i>	-0.002549608	0.032204282	0.461711111	1
T2DM_admission mesenchymal_cell	<i>ERMAP</i>	-0.010127074	0.014411651	0.353809463	1
T2DM_admission mesenchymal_cell	<i>GPX7</i>	-0.004377991	0.043151962	0.501340035	1
T2DM_admission mesenchymal_cell	<i>PODN</i>	0.0034138	0.012468583	0.335575324	1
T2DM_admission mesenchymal_cell	<i>TTC4</i>	0.00418143	0.000579809	0.109210129	1
T2DM_admission mesenchymal_cell	<i>LRRC7</i>	-0.018244499	0.035617429	0.483243692	1
T2DM_admission mesenchymal_cell	<i>SLC44A5</i>	-0.013816178	0.049215628	0.520100743	1
T2DM_admission mesenchymal_cell	<i>CTBS</i>	-0.003067403	0.012177433	0.335439109	1
T2DM_admission mesenchymal_cell	<i>MCOLN2</i>	-0.031703938	0.036403827	0.483243692	1
T2DM_admission mesenchymal_cell	<i>TMED5</i>	-0.002105624	0.001920909	0.152896214	1

T2DM_admission	mesenchymal_cell	<i>CCDC18</i>	-0.006590904	0.020065961	0.380117479	1
T2DM_admission	mesenchymal_cell	<i>DR1</i>	0.002321735	0.045125903	0.510018132	1
T2DM_admission	mesenchymal_cell	<i>PTBP2</i>	-0.002290224	0.019295571	0.379919644	1
T2DM_admission	mesenchymal_cell	<i>LRRC39</i>	0.01731331	1.53E-05	0.015606265	0.057085866
T2DM_admission	mesenchymal_cell	<i>CEPT1</i>	0.006903248	0.00101929	0.122221779	1
T2DM_admission	mesenchymal_cell	<i>NUDT17</i>	-0.008487199	0.000353159	0.098794119	1
T2DM_admission	mesenchymal_cell	<i>FLG</i>	-0.034390683	0.042519877	0.498642193	1
T2DM_admission	mesenchymal_cell	<i>BGLAP</i>	-0.016401753	0.036650142	0.483243692	1
T2DM_admission	mesenchymal_cell	<i>SH2D2A</i>	-0.021335996	0.02763583	0.434393449	1
T2DM_admission	mesenchymal_cell	<i>VSIG8</i>	-0.023375947	0.001892976	0.152896214	1
T2DM_admission	mesenchymal_cell	<i>SEC16B</i>	0.015563365	0.017473216	0.360123089	1
T2DM_admission	mesenchymal_cell	<i>LHX4</i>	-0.010247842	0.000482951	0.106277603	1
T2DM_admission	mesenchymal_cell	<i>SMG7</i>	-0.002962913	0.012321946	0.335439109	1
T2DM_admission	mesenchymal_cell	<i>FMOD</i>	-0.004609658	0.02552391	0.418793625	1
T2DM_admission	mesenchymal_cell	<i>SRGAP2</i>	-0.006654225	0.007887705	0.278376471	1
T2DM_admission	mesenchymal_cell	<i>PSEN2</i>	-0.006463964	0.040696109	0.495232669	1
T2DM_admission	mesenchymal_cell	<i>ARID4B</i>	-0.001220717	0.004601826	0.222851212	1
T2DM_admission	mesenchymal_cell	<i>TAF1B</i>	-0.005897925	0.038107907	0.486558631	1
T2DM_admission	mesenchymal_cell	<i>FAM228A</i>	0.010466261	0.039030468	0.488702469	1
T2DM_admission	mesenchymal_cell	<i>ATRAID</i>	0.000929396	0.025229266	0.418742762	1
T2DM_admission	mesenchymal_cell	<i>CAD</i>	0.006259869	0.02307665	0.39595099	1
T2DM_admission	mesenchymal_cell	<i>MCFD2</i>	-0.001704211	0.025408876	0.418742762	1
T2DM_admission	mesenchymal_cell	<i>RTN4</i>	-0.00067818	0.000625235	0.109210129	1
T2DM_admission	mesenchymal_cell	<i>AFTPH</i>	-0.001760298	0.017520022	0.360123089	1
T2DM_admission	mesenchymal_cell	<i>PAIP2B</i>	0.003655588	0.0116525	0.327759428	1
T2DM_admission	mesenchymal_cell	<i>SEMA4F</i>	-0.017741139	0.005805911	0.245945752	1
T2DM_admission	mesenchymal_cell	<i>DNAH6</i>	-0.006549816	0.033944652	0.472869706	1
T2DM_admission	mesenchymal_cell	<i>ITPRIPL1</i>	-0.018646715	0.0133379	0.347283435	1
T2DM_admission	mesenchymal_cell	<i>KANSL3</i>	0.00389691	0.021544321	0.388334173	1
T2DM_admission	mesenchymal_cell	<i>GCC2</i>	0.001718437	0.000266385	0.083045637	0.996547646
T2DM_admission	mesenchymal_cell	<i>SH3RF3-AS1</i>	-0.027717607	0.010821712	0.31382966	1
T2DM_admission	mesenchymal_cell	<i>SOWAHC</i>	-0.003052429	0.019096994	0.377999237	1
T2DM_admission	mesenchymal_cell	<i>POLR1B</i>	0.005917835	0.001158243	0.127440836	1
T2DM_admission	mesenchymal_cell	<i>CHCHD5</i>	-0.002230269	0.009589459	0.308379889	1
T2DM_admission	mesenchymal_cell	<i>PSD4</i>	-0.009958762	0.001722331	0.152882305	1
T2DM_admission	mesenchymal_cell	<i>ACTR3</i>	-0.003586491	0.014424746	0.353809463	1
T2DM_admission	mesenchymal_cell	<i>MAP3K2</i>	-0.000859125	0.004425552	0.222847525	1
T2DM_admission	mesenchymal_cell	<i>LYPD6</i>	-0.029176572	0.021404532	0.388334173	1
T2DM_admission	mesenchymal_cell	<i>KCNE4</i>	-0.002612331	0.012363418	0.335439109	1
T2DM_admission	mesenchymal_cell	<i>COL4A3</i>	-0.023673104	0.020348635	0.380117479	1
T2DM_admission	mesenchymal_cell	<i>ARMC9</i>	0.002321713	0.036746723	0.483243692	1
T2DM_admission	mesenchymal_cell	<i>TRAF3IP1</i>	-0.002126623	0.028088186	0.43787092	1
T2DM_admission	mesenchymal_cell	<i>FARP2</i>	-0.004000891	0.047724928	0.519941307	1
T2DM_admission	mesenchymal_cell	<i>TRNT1</i>	-0.00664561	0.039320888	0.488702469	1
T2DM_admission	mesenchymal_cell	<i>CRELD1</i>	0.003246618	0.037043522	0.483243692	1
T2DM_admission	mesenchymal_cell	<i>EFHB</i>	-0.006289586	0.040801584	0.495232669	1
T2DM_admission	mesenchymal_cell	<i>CTDSPL</i>	0.001571222	0.046030274	0.511707728	1
T2DM_admission	mesenchymal_cell	<i>RPSA</i>	-0.000449632	0.015549571	0.355038524	1
T2DM_admission	mesenchymal_cell	<i>ENTPD3</i>	-0.005979864	0.040384726	0.494611674	1
T2DM_admission	mesenchymal_cell	<i>HIGD1A</i>	-0.002102637	0.012825012	0.340272121	1
T2DM_admission	mesenchymal_cell	<i>LTF</i>	0.016212085	0.005812025	0.245945752	1
T2DM_admission	mesenchymal_cell	<i>HYAL3</i>	-0.019543262	0.003374396	0.197243993	1
T2DM_admission	mesenchymal_cell	<i>RFT1</i>	-0.008910147	0.024549218	0.409993857	1
T2DM_admission	mesenchymal_cell	<i>UBA3</i>	0.002984521	0.04686971	0.515704662	1
T2DM_admission	mesenchymal_cell	<i>EPHA3</i>	-0.011378269	0.04482882	0.509740472	1
T2DM_admission	mesenchymal_cell	<i>LSAMP</i>	-0.00483339	0.005218322	0.232401718	1

T2DM_admission	mesenchymal_cell	<i>KALRN</i>	0.008283226	0.049029235	0.520100743	1
T2DM_admission	mesenchymal_cell	<i>ACAD9</i>	-0.011846713	0.030657692	0.455660653	1
T2DM_admission	mesenchymal_cell	<i>TF</i>	0.008822551	0.012183107	0.335439109	1
T2DM_admission	mesenchymal_cell	<i>RBP1</i>	-0.000647379	0.015261594	0.355038524	1
T2DM_admission	mesenchymal_cell	<i>RSRC1</i>	-0.002453486	0.013514981	0.34868652	1
T2DM_admission	mesenchymal_cell	<i>GPR160</i>	-0.009198841	0.000709466	0.109210129	1
T2DM_admission	mesenchymal_cell	<i>CAMK2N2</i>	-0.003385195	0.042208015	0.498642193	1
T2DM_admission	mesenchymal_cell	<i>SLC51A</i>	-0.017002098	0.027609651	0.434393449	1
T2DM_admission	mesenchymal_cell	<i>PIGX</i>	-0.002575483	0.038256596	0.486795669	1
T2DM_admission	mesenchymal_cell	<i>GAK</i>	0.003819852	0.01398993	0.353809463	1
T2DM_admission	mesenchymal_cell	<i>FGFRL1</i>	-0.015525598	0.001069773	0.122221779	1
T2DM_admission	mesenchymal_cell	<i>ZFYVE28</i>	-0.014448053	0.010551357	0.308379889	1
T2DM_admission	mesenchymal_cell	<i>GRK4</i>	-0.00942198	0.00403839	0.212783317	1
T2DM_admission	mesenchymal_cell	<i>MSX1</i>	0.003178983	0.012814183	0.340272121	1
T2DM_admission	mesenchymal_cell	<i>SLC2A9</i>	-0.008340049	0.028325251	0.43787092	1
T2DM_admission	mesenchymal_cell	<i>RPL9</i>	0.000331012	0.003682375	0.202584796	1
T2DM_admission	mesenchymal_cell	<i>GUF1</i>	-0.006340728	0.036755126	0.483243692	1
T2DM_admission	mesenchymal_cell	<i>OCIAD1</i>	-0.001961922	0.003567036	0.202186066	1
T2DM_admission	mesenchymal_cell	<i>ARL9</i>	-0.010705901	0.00305094	0.187107626	1
T2DM_admission	mesenchymal_cell	<i>UBA6</i>	-0.002129554	0.045396893	0.511535467	1
T2DM_admission	mesenchymal_cell	<i>BTC</i>	-0.015757206	0.033422671	0.470053426	1
T2DM_admission	mesenchymal_cell	<i>TMEM150C</i>	-0.006539215	0.036331324	0.483243692	1
T2DM_admission	mesenchymal_cell	<i>HSD17B11</i>	0.002642725	0.019993164	0.380117479	1
T2DM_admission	mesenchymal_cell	<i>LINC01091</i>	-0.005251862	0.007522051	0.270576867	1
T2DM_admission	mesenchymal_cell	<i>ZNF827</i>	-0.006617279	0.000423539	0.105630506	1
T2DM_admission	mesenchymal_cell	<i>KLKB1</i>	0.012735748	0.007800782	0.277930705	1
T2DM_admission	mesenchymal_cell	<i>SLC6A19</i>	-0.039316201	0.002426497	0.169050892	1
T2DM_admission	mesenchymal_cell	<i>SNHG18</i>	-0.005590108	0.048493371	0.519941307	1
T2DM_admission	mesenchymal_cell	<i>DNAH5</i>	0.00633448	0.03742408	0.484441123	1
T2DM_admission	mesenchymal_cell	<i>NPR3</i>	-0.006597594	0.037844079	0.485064232	1
T2DM_admission	mesenchymal_cell	<i>CCDC152</i>	-0.004993074	0.01648607	0.356348321	1
T2DM_admission	mesenchymal_cell	<i>CCL28</i>	-0.007179844	0.010510867	0.308379889	1
T2DM_admission	mesenchymal_cell	<i>NNT</i>	-0.004303492	0.000131756	0.049289739	0.492897395
T2DM_admission	mesenchymal_cell	<i>ERCC8</i>	0.00770119	0.016225213	0.356348321	1
T2DM_admission	mesenchymal_cell	<i>KIF2A</i>	-0.004666358	0.007140265	0.269815456	1
T2DM_admission	mesenchymal_cell	<i>POLK</i>	-0.001480314	0.02026683	0.380117479	1
T2DM_admission	mesenchymal_cell	<i>DHFR</i>	-0.008666845	0.032335822	0.461711111	1
T2DM_admission	mesenchymal_cell	<i>ATG12</i>	-0.001630885	0.000716739	0.109210129	1
T2DM_admission	mesenchymal_cell	<i>FAM53C</i>	0.001840445	0.004646457	0.222851212	1
T2DM_admission	mesenchymal_cell	<i>PCDHA2</i>	-0.034984216	0.049094185	0.520100743	1
T2DM_admission	mesenchymal_cell	<i>PCDHA4</i>	-0.013825706	0.035897672	0.483243692	1
T2DM_admission	mesenchymal_cell	<i>ITK</i>	-0.049171099	0.000517711	0.107597526	1
T2DM_admission	mesenchymal_cell	<i>STC2</i>	-0.005633532	0.030789657	0.455660653	1
T2DM_admission	mesenchymal_cell	<i>DOK3</i>	0.016926301	0.005476859	0.238243355	1
T2DM_admission	mesenchymal_cell	<i>TBC1D9B</i>	-0.005281681	0.020045805	0.380117479	1
T2DM_admission	mesenchymal_cell	<i>RNF130</i>	-0.003459313	0.025361081	0.418742762	1
T2DM_admission	mesenchymal_cell	<i>DCDC2</i>	-0.004579076	0.016016216	0.356274958	1
T2DM_admission	mesenchymal_cell	<i>SLC17A4</i>	0.033279364	0.029020771	0.443129405	1
T2DM_admission	mesenchymal_cell	<i>ZNF391</i>	-0.018435941	0.006010209	0.245945752	1
T2DM_admission	mesenchymal_cell	<i>ZSCAN23</i>	-0.020170995	0.014637964	0.353809463	1
T2DM_admission	mesenchymal_cell	<i>HLA-F</i>	-0.004947472	0.005335524	0.234825813	1
T2DM_admission	mesenchymal_cell	<i>HCG9</i>	0.051651184	0.000234233	0.079660544	0.876265979
T2DM_admission	mesenchymal_cell	<i>SLC44A4</i>	-0.011306433	0.001390238	0.144468903	1
T2DM_admission	mesenchymal_cell	<i>BAK1</i>	0.006764143	0.019829542	0.380117479	1
T2DM_admission	mesenchymal_cell	<i>IP6K3</i>	0.053561177	0.001787378	0.152882305	1
T2DM_admission	mesenchymal_cell	<i>KCNK17</i>	-0.006733923	0.030189353	0.454694394	1

T2DM_admission	mesenchymal_cell	<i>NFYA</i>	0.004838138	0.041904761	0.498642193	1
T2DM_admission	mesenchymal_cell	<i>TFEB</i>	-0.005725511	0.044393874	0.506333783	1
T2DM_admission	mesenchymal_cell	<i>CD2AP</i>	-0.003711578	0.019784253	0.380117479	1
T2DM_admission	mesenchymal_cell	<i>EFHC1</i>	0.001699261	0.017373926	0.360123089	1
T2DM_admission	mesenchymal_cell	<i>LMBRD1</i>	-0.002508593	0.045930816	0.511707728	1
T2DM_admission	mesenchymal_cell	<i>FILIP1</i>	-0.00663364	0.034381331	0.472869706	1
T2DM_admission	mesenchymal_cell	<i>SMIM8</i>	0.006506625	0.00927249	0.304284075	1
T2DM_admission	mesenchymal_cell	<i>SCML4</i>	-0.011365093	0.030815863	0.455660653	1
T2DM_admission	mesenchymal_cell	<i>SMPDL3A</i>	0.001881272	0.037073226	0.483243692	1
T2DM_admission	mesenchymal_cell	<i>TPD52L1</i>	-0.0031753	0.015972226	0.356274958	1
T2DM_admission	mesenchymal_cell	<i>MTRFIL</i>	-0.001506868	0.030006495	0.454694394	1
T2DM_admission	mesenchymal_cell	<i>TULP4</i>	-0.002199588	0.015363993	0.355038524	1
T2DM_admission	mesenchymal_cell	<i>MPC1</i>	-0.001691911	0.009105334	0.301442945	1
T2DM_admission	mesenchymal_cell	<i>TMEM106B</i>	-0.001855115	0.00127198	0.135956532	1
T2DM_admission	mesenchymal_cell	<i>EEPDI</i>	-0.010224294	0.036929858	0.483243692	1
T2DM_admission	mesenchymal_cell	<i>LINC00957</i>	-0.016196619	0.021673457	0.388334173	1
T2DM_admission	mesenchymal_cell	<i>CALN1</i>	-0.060821798	0.000729819	0.109210129	1
T2DM_admission	mesenchymal_cell	<i>POM121</i>	-0.004371483	0.015221202	0.355038524	1
T2DM_admission	mesenchymal_cell	<i>PONI</i>	-0.008542335	0.014659307	0.353809463	1
T2DM_admission	mesenchymal_cell	<i>ASB4</i>	-0.015719523	0.011390179	0.324432011	1
T2DM_admission	mesenchymal_cell	<i>SLC25A13</i>	-0.002789219	0.000986394	0.122221779	1
T2DM_admission	mesenchymal_cell	<i>MBLAC1</i>	-0.008244582	0.031174762	0.457867815	1
T2DM_admission	mesenchymal_cell	<i>POLR2J2</i>	-0.005694696	0.027225463	0.431569731	1
T2DM_admission	mesenchymal_cell	<i>NRCAM</i>	0.001960923	0.018196831	0.366434725	1
T2DM_admission	mesenchymal_cell	<i>TES</i>	0.002549719	0.021971521	0.388334173	1
T2DM_admission	mesenchymal_cell	<i>CADPS2</i>	-0.004945188	0.012934461	0.340759273	1
T2DM_admission	mesenchymal_cell	<i>METTL2B</i>	-0.005177952	0.031545856	0.459194736	1
T2DM_admission	mesenchymal_cell	<i>TMEM209</i>	-0.003111083	0.028629606	0.440754557	1
T2DM_admission	mesenchymal_cell	<i>LINC01003</i>	0.002597986	0.020267639	0.380117479	1
T2DM_admission	mesenchymal_cell	<i>ESYT2</i>	-0.007522366	7.19E-05	0.038427496	0.268992471
T2DM_admission	mesenchymal_cell	<i>MYOM2</i>	-0.015094797	0.004113199	0.213714947	1
T2DM_admission	mesenchymal_cell	<i>C8orf58</i>	-0.007079348	0.002753891	0.178875014	1
T2DM_admission	mesenchymal_cell	<i>BIN3</i>	-0.004972763	5.48E-05	0.037592985	0.205161423
T2DM_admission	mesenchymal_cell	<i>LEPROTL1</i>	-0.0037724	0.023273831	0.39595099	1
T2DM_admission	mesenchymal_cell	<i>ADAM9</i>	0.003205996	0.007004698	0.267393638	1
T2DM_admission	mesenchymal_cell	<i>SNAI2</i>	-0.008122486	0.034016188	0.472869706	1
T2DM_admission	mesenchymal_cell	<i>RMDN1</i>	-0.003811633	0.010533316	0.308379889	1
T2DM_admission	mesenchymal_cell	<i>RNF19A</i>	-0.001603764	0.032280012	0.461711111	1
T2DM_admission	mesenchymal_cell	<i>SAMD12</i>	-0.004320881	0.011447481	0.324432011	1
T2DM_admission	mesenchymal_cell	<i>PLEC</i>	-0.004684759	0.048310688	0.519941307	1
T2DM_admission	mesenchymal_cell	<i>PARP10</i>	-0.012497291	0.020423313	0.380117479	1
T2DM_admission	mesenchymal_cell	<i>C8orf82</i>	-0.002812098	0.014540715	0.353809463	1
T2DM_admission	mesenchymal_cell	<i>DOCK8</i>	-0.007521279	0.014114786	0.353809463	1
T2DM_admission	mesenchymal_cell	<i>DMRTA1</i>	-0.00994898	0.037861202	0.485064232	1
T2DM_admission	mesenchymal_cell	<i>MAMDC2</i>	0.017740711	0.003659514	0.202584796	1
T2DM_admission	mesenchymal_cell	<i>OSTF1</i>	-0.004682812	0.001438316	0.145425435	1
T2DM_admission	mesenchymal_cell	<i>GNG10</i>	-0.00095964	0.044223673	0.506333783	1
T2DM_admission	mesenchymal_cell	<i>ZNF883</i>	0.022142377	0.034370398	0.472869706	1
T2DM_admission	mesenchymal_cell	<i>OLFML2A</i>	0.02065761	5.78E-06	0.010818336	0.021636672
T2DM_admission	mesenchymal_cell	<i>ARPC5L</i>	0.000682981	0.034284474	0.472869706	1
T2DM_admission	mesenchymal_cell	<i>ENDOG</i>	-0.002471672	0.034741935	0.474341533	1
T2DM_admission	mesenchymal_cell	<i>GPR107</i>	-0.003547341	0.047486557	0.519436283	1
T2DM_admission	mesenchymal_cell	<i>DBH</i>	0.003606331	0.000863696	0.119669864	1
T2DM_admission	mesenchymal_cell	<i>GTPBP4</i>	-0.001268184	0.026821806	0.429882927	1
T2DM_admission	mesenchymal_cell	<i>PRKCQ</i>	-0.017714578	0.028249121	0.43787092	1
T2DM_admission	mesenchymal_cell	<i>MLLT10</i>	0.004745433	0.002152674	0.157904989	1

T2DM_admission	mesenchymal_cell	<i>STOX1</i>	-0.017345796	9.07E-05	0.042403645	0.339229158
T2DM_admission	mesenchymal_cell	<i>SGPL1</i>	-0.002423706	0.008577238	0.290613865	1
T2DM_admission	mesenchymal_cell	<i>PCBD1</i>	-0.002308553	0.016094752	0.356274958	1
T2DM_admission	mesenchymal_cell	<i>LINC00865</i>	-0.006712952	0.006692922	0.261209623	1
T2DM_admission	mesenchymal_cell	<i>SLC35G1</i>	-0.007363782	0.007504365	0.270576867	1
T2DM_admission	mesenchymal_cell	<i>SFXN3</i>	-0.005464254	0.046336007	0.511707728	1
T2DM_admission	mesenchymal_cell	<i>BTRC</i>	-0.004208931	0.028764809	0.441021103	1
T2DM_admission	mesenchymal_cell	<i>WBP1L</i>	-0.007868541	0.008237712	0.282968939	1
T2DM_admission	mesenchymal_cell	<i>VWA2</i>	-0.010683013	0.010116684	0.308379889	1
T2DM_admission	mesenchymal_cell	<i>AFAP1L2</i>	-0.038277473	0.000102629	0.042659517	0.383935655
T2DM_admission	mesenchymal_cell	<i>TRUB1</i>	-0.0043634	0.015553578	0.355038524	1
T2DM_admission	mesenchymal_cell	<i>PPP2R2D</i>	0.003094977	0.048505618	0.519941307	1
T2DM_admission	mesenchymal_cell	<i>B4GALNT4</i>	0.009700645	0.040905345	0.495232669	1
T2DM_admission	mesenchymal_cell	<i>DEAF1</i>	-0.001686057	0.015727875	0.355038524	1
T2DM_admission	mesenchymal_cell	<i>TMEM80</i>	-0.005359543	0.020795723	0.385132665	1
T2DM_admission	mesenchymal_cell	<i>MUC6</i>	0.004010009	0.030625583	0.455660653	1
T2DM_admission	mesenchymal_cell	<i>OR52N4</i>	0.032998706	0.018197292	0.366434725	1
T2DM_admission	mesenchymal_cell	<i>SCUBE2</i>	-0.010706865	0.042219921	0.498642193	1
T2DM_admission	mesenchymal_cell	<i>RRAS2</i>	-0.002216787	0.036595481	0.483243692	1
T2DM_admission	mesenchymal_cell	<i>LDHC</i>	-0.02153661	0.046369201	0.511707728	1
T2DM_admission	mesenchymal_cell	<i>IGSF22</i>	-0.00390178	0.000923901	0.119739998	1
T2DM_admission	mesenchymal_cell	<i>ACCS</i>	-0.014164362	0.001798111	0.152882305	1
T2DM_admission	mesenchymal_cell	<i>CD82</i>	-0.005089683	0.016459788	0.356348321	1
T2DM_admission	mesenchymal_cell	<i>MS4A8</i>	-0.004756432	0.039309899	0.488702469	1
T2DM_admission	mesenchymal_cell	<i>BSCL2</i>	-0.003667293	0.002136877	0.157904989	1
T2DM_admission	mesenchymal_cell	<i>FLRT1</i>	-0.010392325	0.041346609	0.498271899	1
T2DM_admission	mesenchymal_cell	<i>MAP3K11</i>	-0.002915788	0.038992906	0.488702469	1
T2DM_admission	mesenchymal_cell	<i>CAPN5</i>	-0.006710908	0.039176981	0.488702469	1
T2DM_admission	mesenchymal_cell	<i>ALG8</i>	-0.009730686	1.67E-05	0.015606265	0.062425059
T2DM_admission	mesenchymal_cell	<i>NARS2</i>	-0.004959586	0.022006641	0.388334173	1
T2DM_admission	mesenchymal_cell	<i>CEP57</i>	0.002041969	0.036565551	0.483243692	1
T2DM_admission	mesenchymal_cell	<i>TREH</i>	-0.010748426	0.028179869	0.43787092	1
T2DM_admission	mesenchymal_cell	<i>ST3GAL4</i>	-0.003944776	0.013367767	0.347283435	1
T2DM_admission	mesenchymal_cell	<i>GLB1L2</i>	-0.010661049	0.015668007	0.355038524	1
T2DM_admission	mesenchymal_cell	<i>PEX5</i>	-0.005340897	0.002485378	0.169050892	1
T2DM_admission	mesenchymal_cell	<i>PYROXD1</i>	0.003063512	0.009753179	0.308379889	1
T2DM_admission	mesenchymal_cell	<i>GYS2</i>	-0.045231897	0.017136235	0.359864749	1
T2DM_admission	mesenchymal_cell	<i>C12orf71</i>	-0.021716779	0.010409924	0.308379889	1
T2DM_admission	mesenchymal_cell	<i>ARID2</i>	-0.00685021	0.003303079	0.196139993	1
T2DM_admission	mesenchymal_cell	<i>ZNF740</i>	-0.009077775	0.022287325	0.388695607	1
T2DM_admission	mesenchymal_cell	<i>ERBB3</i>	0.004066588	0.030180298	0.454694394	1
T2DM_admission	mesenchymal_cell	<i>TMBIM4</i>	-0.001667098	0.002906236	0.18120383	1
T2DM_admission	mesenchymal_cell	<i>MYRFL</i>	-0.031801508	0.041422764	0.498271899	1
T2DM_admission	mesenchymal_cell	<i>LIN7A</i>	-0.022746705	0.009694547	0.308379889	1
T2DM_admission	mesenchymal_cell	<i>ASCL1</i>	-0.017715567	0.006048385	0.245945752	1
T2DM_admission	mesenchymal_cell	<i>WSCD2</i>	0.012966076	0.005912122	0.245945752	1
T2DM_admission	mesenchymal_cell	<i>ATP6V0A2</i>	-0.001996848	0.016989664	0.359864749	1
T2DM_admission	mesenchymal_cell	<i>ANKLE2</i>	-0.002291239	0.022338828	0.388695607	1
T2DM_admission	mesenchymal_cell	<i>ZNF605</i>	-0.004408129	0.039557407	0.490014106	1
T2DM_admission	mesenchymal_cell	<i>WASF3</i>	-0.003918653	0.048448186	0.519941307	1
T2DM_admission	mesenchymal_cell	<i>TEP1</i>	-0.010362174	0.00739157	0.270576867	1
T2DM_admission	mesenchymal_cell	<i>PAX9</i>	0.205903134	2.38E-12	8.89E-09	8.89E-09
T2DM_admission	mesenchymal_cell	<i>RPL36AL</i>	-0.000730072	0.032527584	0.462683233	1
T2DM_admission	mesenchymal_cell	<i>BMP4</i>	-0.005447109	0.008622865	0.290613865	1
T2DM_admission	mesenchymal_cell	<i>GCHI</i>	-0.003571225	0.027134878	0.431569731	1
T2DM_admission	mesenchymal_cell	<i>JKAMP</i>	0.001866998	0.017193383	0.359864749	1

T2DM_admission	mesenchymal_cell	<i>ATP6V1D</i>	0.001947412	0.016574341	0.356348321	1
T2DM_admission	mesenchymal_cell	<i>TMEM63C</i>	-0.019986993	0.001798135	0.152882305	1
T2DM_admission	mesenchymal_cell	<i>TMED8</i>	-0.000915513	0.04045741	0.494611674	1
T2DM_admission	mesenchymal_cell	<i>BTBD7</i>	-0.001670859	0.025919548	0.421587078	1
T2DM_admission	mesenchymal_cell	<i>BEGAIN</i>	0.01743142	0.002447574	0.169050892	1
T2DM_admission	mesenchymal_cell	<i>BAG5</i>	-0.002499483	0.000465258	0.106277603	1
T2DM_admission	mesenchymal_cell	<i>PPP1R13B</i>	0.004679881	0.037798412	0.485064232	1
T2DM_admission	mesenchymal_cell	<i>ZBTB42</i>	-0.007020826	0.010177584	0.308379889	1
T2DM_admission	mesenchymal_cell	<i>NIPA1</i>	-0.004024109	0.018218888	0.366434725	1
T2DM_admission	mesenchymal_cell	<i>PWRN2</i>	-0.065133837	0.036249477	0.483243692	1
T2DM_admission	mesenchymal_cell	<i>DISP2</i>	-0.011497578	0.003937817	0.210448177	1
T2DM_admission	mesenchymal_cell	<i>OIP5</i>	-0.028407234	0.001566494	0.152882305	1
T2DM_admission	mesenchymal_cell	<i>NDUFAF1</i>	-0.004544677	0.021831836	0.388334173	1
T2DM_admission	mesenchymal_cell	<i>RPAP1</i>	0.008337956	0.004948197	0.228533397	1
T2DM_admission	mesenchymal_cell	<i>ATP8B4</i>	0.017218637	0.048431211	0.519941307	1
T2DM_admission	mesenchymal_cell	<i>TPM1</i>	0.000758594	0.012373856	0.335439109	1
T2DM_admission	mesenchymal_cell	<i>SPG21</i>	-0.002091996	0.009698878	0.308379889	1
T2DM_admission	mesenchymal_cell	<i>CELF6</i>	-0.004230597	0.004816624	0.225237392	1
T2DM_admission	mesenchymal_cell	<i>MAN2C1</i>	0.002718936	0.008244751	0.282968939	1
T2DM_admission	mesenchymal_cell	<i>IMP3</i>	-0.002795618	0.005052098	0.230486582	1
T2DM_admission	mesenchymal_cell	<i>PEAK1</i>	0.004628373	0.024045214	0.403377335	1
T2DM_admission	mesenchymal_cell	<i>PSMA4</i>	-0.001517908	0.00801993	0.280397744	1
T2DM_admission	mesenchymal_cell	<i>RCCD1</i>	-0.007122324	0.026807407	0.429882927	1
T2DM_admission	mesenchymal_cell	<i>SYNM</i>	-0.004673549	0.032674452	0.46301183	1
T2DM_admission	mesenchymal_cell	<i>NPRL3</i>	-0.005036387	0.0017852	0.152882305	1
T2DM_admission	mesenchymal_cell	<i>WDR90</i>	-0.007069503	0.042419841	0.498642193	1
T2DM_admission	mesenchymal_cell	<i>RPL3L</i>	-0.048340769	0.001880666	0.152896214	1
T2DM_admission	mesenchymal_cell	<i>RPS2</i>	-0.000206912	0.004573761	0.222851212	1
T2DM_admission	mesenchymal_cell	<i>FLYWCHI</i>	0.006606686	0.001595916	0.152882305	1
T2DM_admission	mesenchymal_cell	<i>CLUAP1</i>	-0.007538306	0.00058468	0.109210129	1
T2DM_admission	mesenchymal_cell	<i>PLA2G10</i>	-0.013838815	0.018512985	0.370358692	1
T2DM_admission	mesenchymal_cell	<i>RRN3</i>	-0.003030031	0.042478621	0.498642193	1
T2DM_admission	mesenchymal_cell	<i>DOC2A</i>	-0.01864344	0.010333836	0.308379889	1
T2DM_admission	mesenchymal_cell	<i>YPEL3</i>	0.001917053	0.021813361	0.388334173	1
T2DM_admission	mesenchymal_cell	<i>USB1</i>	-0.003408987	0.040184881	0.494511977	1
T2DM_admission	mesenchymal_cell	<i>PRMT7</i>	-0.005051808	0.049870033	0.521676852	1
T2DM_admission	mesenchymal_cell	<i>MPHOSPH6</i>	-0.002045593	0.0215582	0.388334173	1
T2DM_admission	mesenchymal_cell	<i>OSGIN1</i>	-0.003373203	0.004392362	0.222847525	1
T2DM_admission	mesenchymal_cell	<i>ZNF778</i>	0.0034086	0.023268114	0.39595099	1
T2DM_admission	mesenchymal_cell	<i>DEF8</i>	0.001108087	0.0258372	0.421587078	1
T2DM_admission	mesenchymal_cell	<i>C17orf97</i>	-0.006243357	0.000928217	0.119739998	1
T2DM_admission	mesenchymal_cell	<i>PLD2</i>	-0.0171537	0.006228625	0.250551471	1
T2DM_admission	mesenchymal_cell	<i>EIF5A</i>	-0.000985578	0.039066891	0.488702469	1
T2DM_admission	mesenchymal_cell	<i>MYO15A</i>	-0.011774619	0.046235002	0.511707728	1
T2DM_admission	mesenchymal_cell	<i>VTN</i>	0.001658306	0.000369719	0.098794119	1
T2DM_admission	mesenchymal_cell	<i>MYO18A</i>	-0.004284639	0.022976354	0.39595099	1
T2DM_admission	mesenchymal_cell	<i>SYNRG</i>	-0.003291203	0.018153619	0.366434725	1
T2DM_admission	mesenchymal_cell	<i>CWC25</i>	0.001554424	0.043059508	0.501340035	1
T2DM_admission	mesenchymal_cell	<i>GSDMA</i>	-0.065611576	0.014011561	0.353809463	1
T2DM_admission	mesenchymal_cell	<i>MEOX1</i>	0.028969365	0.014762239	0.354009841	1
T2DM_admission	mesenchymal_cell	<i>DCAKD</i>	-0.004351309	0.02149707	0.388334173	1
T2DM_admission	mesenchymal_cell	<i>NMT1</i>	0.001280488	0.031209915	0.457867815	1
T2DM_admission	mesenchymal_cell	<i>MYCBPAP</i>	-0.018117053	0.045107235	0.510018132	1
T2DM_admission	mesenchymal_cell	<i>RPS6KB1</i>	-0.001634623	0.023459053	0.397105505	1
T2DM_admission	mesenchymal_cell	<i>CA4</i>	0.002311446	0.031872674	0.460369396	1
T2DM_admission	mesenchymal_cell	<i>LIMD2</i>	-0.005845669	0.031424619	0.459194736	1

T2DM_admission	mesenchymal_cell	<i>KCNJ16</i>	-0.01358874	0.049729225	0.521676852	1
T2DM_admission	mesenchymal_cell	<i>RNF157</i>	-0.00438381	0.023939165	0.403377335	1
T2DM_admission	mesenchymal_cell	<i>MXRA7</i>	-0.001548372	0.015442877	0.355038524	1
T2DM_admission	mesenchymal_cell	<i>USP36</i>	-0.003398851	0.000665473	0.109210129	1
T2DM_admission	mesenchymal_cell	<i>EIF4A3</i>	0.002915733	0.03464327	0.474341533	1
T2DM_admission	mesenchymal_cell	<i>SPIRE1</i>	-0.002671167	0.016466699	0.356348321	1
T2DM_admission	mesenchymal_cell	<i>MAPRE2</i>	-0.005250147	0.008988083	0.300218029	1
T2DM_admission	mesenchymal_cell	<i>TXNL4A</i>	-0.001182973	0.042005555	0.498642193	1
T2DM_admission	mesenchymal_cell	<i>TIMM13</i>	-0.000889247	0.046369666	0.511707728	1
T2DM_admission	mesenchymal_cell	<i>MRPL54</i>	-0.00260095	6.03E-05	0.037592985	0.225557908
T2DM_admission	mesenchymal_cell	<i>CLPP</i>	-0.004874519	0.004467673	0.222847525	1
T2DM_admission	mesenchymal_cell	<i>RGL3</i>	0.00395925	0.009843679	0.308379889	1
T2DM_admission	mesenchymal_cell	<i>MRI1</i>	-0.007838534	0.026674661	0.429882927	1
T2DM_admission	mesenchymal_cell	<i>GTPBP3</i>	-0.010427374	0.007453208	0.270576867	1
T2DM_admission	mesenchymal_cell	<i>UBA52</i>	-0.000441929	0.042283212	0.498642193	1
T2DM_admission	mesenchymal_cell	<i>ZNF681</i>	-0.006092729	0.006037951	0.245945752	1
T2DM_admission	mesenchymal_cell	<i>ETV2</i>	-0.024660844	0.002070569	0.157904989	1
T2DM_admission	mesenchymal_cell	<i>ZNF527</i>	-0.016660171	0.006703054	0.261209623	1
T2DM_admission	mesenchymal_cell	<i>C19orf54</i>	0.020062102	0.043927205	0.506333783	1
T2DM_admission	mesenchymal_cell	<i>LYPD5</i>	-0.008165433	0.022248229	0.388695607	1
T2DM_admission	mesenchymal_cell	<i>ZNF233</i>	-0.025287664	0.002024999	0.157823358	1
T2DM_admission	mesenchymal_cell	<i>PPP1R13L</i>	0.006446885	0.021312022	0.388334173	1
T2DM_admission	mesenchymal_cell	<i>PRMT1</i>	-0.001717762	0.046073454	0.511707728	1
T2DM_admission	mesenchymal_cell	<i>NUP62</i>	0.004439237	0.002825473	0.17915416	1
T2DM_admission	mesenchymal_cell	<i>ZNF880</i>	0.002944195	0.01114586	0.32074355	1
T2DM_admission	mesenchymal_cell	<i>ZNF415</i>	-0.006795615	0.017218869	0.359864749	1
T2DM_admission	mesenchymal_cell	<i>RPS9</i>	-0.00046167	0.01363957	0.349490634	1
T2DM_admission	mesenchymal_cell	<i>DNAAF3</i>	0.0067251	0.039860052	0.492133516	1
T2DM_admission	mesenchymal_cell	<i>SSC5D</i>	-0.00657451	0.048793142	0.520100743	1
T2DM_admission	mesenchymal_cell	<i>ZNF749</i>	-0.004262446	0.031765168	0.460369396	1
T2DM_admission	mesenchymal_cell	<i>ZNF329</i>	-0.003770811	0.030264342	0.454694394	1
T2DM_admission	mesenchymal_cell	<i>MZF1</i>	-0.004753343	0.023285009	0.39595099	1
T2DM_admission	mesenchymal_cell	<i>SLC52A3</i>	-0.042816026	0.002773256	0.178875014	1
T2DM_admission	mesenchymal_cell	<i>BTBD3</i>	-0.002091419	0.047461698	0.519436283	1
T2DM_admission	mesenchymal_cell	<i>CST2</i>	-0.00893788	0.044289397	0.506333783	1
T2DM_admission	mesenchymal_cell	<i>MAP1LC3A</i>	-0.001632435	0.019966489	0.380117479	1
T2DM_admission	mesenchymal_cell	<i>VSTM2L</i>	-0.001642612	0.006571345	0.261209623	1
T2DM_admission	mesenchymal_cell	<i>PABPC1L</i>	-0.009620741	0.03323943	0.469240406	1
T2DM_admission	mesenchymal_cell	<i>MATN4</i>	0.014295109	0.019825903	0.380117479	1
T2DM_admission	mesenchymal_cell	<i>CSE1L</i>	0.003819895	0.000779939	0.112221253	1
T2DM_admission	mesenchymal_cell	<i>PCMTD2</i>	-0.002550458	0.007213877	0.269871121	1
T2DM_admission	mesenchymal_cell	<i>ADAMTS5</i>	-0.009429187	0.00686433	0.264736686	1
T2DM_admission	mesenchymal_cell	<i>CCT8</i>	-0.002523285	0.002588441	0.172917077	1
T2DM_admission	mesenchymal_cell	<i>BRWD1</i>	-0.001213272	0.044297791	0.506333783	1
T2DM_admission	mesenchymal_cell	<i>HMGNI</i>	-0.000580581	0.038679138	0.488702469	1
T2DM_admission	mesenchymal_cell	<i>MX2</i>	0.036495354	0.010358323	0.308379889	1
T2DM_admission	mesenchymal_cell	<i>PWP2</i>	-0.041363536	0.001078139	0.122221779	1
T2DM_admission	mesenchymal_cell	<i>YBEY</i>	-0.003627944	0.048165104	0.519941307	1
T2DM_admission	mesenchymal_cell	<i>MIF</i>	-0.000426033	0.026889229	0.429882927	1
T2DM_admission	mesenchymal_cell	<i>DDTL</i>	0.024287904	0.014432113	0.353809463	1
T2DM_admission	mesenchymal_cell	<i>DDT</i>	0.002219915	0.014897493	0.354977833	1
T2DM_admission	mesenchymal_cell	<i>SPECC1L</i>	-0.004644009	0.016921507	0.359864749	1
T2DM_admission	mesenchymal_cell	<i>TCN2</i>	-0.005108533	0.005129177	0.231183764	1
T2DM_admission	mesenchymal_cell	<i>APOL4</i>	-0.021812703	0.002354094	0.169050892	1
T2DM_admission	PP_cell	<i>NOC2L</i>	0.001744767	0.040936561	0.237432053	1
T2DM_admission	PP_cell	<i>C1orf159</i>	-0.011622419	0.04121286	0.237853293	1

T2DM_admission PP_cell	<i>PUSL1</i>	-0.005821703	0.035189556	0.225712294	1
T2DM_admission PP_cell	<i>WRAP73</i>	-0.004294989	0.035313484	0.225712294	1
T2DM_admission PP_cell	<i>VAMP3</i>	0.001287133	0.025069666	0.203848017	1
T2DM_admission PP_cell	<i>AGTRAP</i>	-0.00451651	0.000544178	0.039600698	1
T2DM_admission PP_cell	<i>AGMAT</i>	-0.007402395	0.00921331	0.141839477	1
T2DM_admission PP_cell	<i>PLEKHM2</i>	-0.003202993	0.007508204	0.123319175	1
T2DM_admission PP_cell	<i>CLCNKB</i>	-0.057146159	0.001473023	0.058006078	1
T2DM_admission PP_cell	<i>FUCA1</i>	-0.003424049	0.036714731	0.229900033	1
T2DM_admission PP_cell	<i>SRSF10</i>	-0.001336792	0.038019603	0.232823886	1
T2DM_admission PP_cell	<i>LDLRAP1</i>	-0.003483827	0.000398143	0.03536283	1
T2DM_admission PP_cell	<i>SMPDL3B</i>	-0.012493331	0.002247683	0.067820944	1
T2DM_admission PP_cell	<i>A3GALT2</i>	-0.046248894	0.019547852	0.182365374	1
T2DM_admission PP_cell	<i>AGO4</i>	-0.005358206	0.029852373	0.213470191	1
T2DM_admission PP_cell	<i>PPIE</i>	-0.005279007	0.007776771	0.126490876	1
T2DM_admission PP_cell	<i>BMP8B</i>	-0.009169589	0.004964731	0.103183664	1
T2DM_admission PP_cell	<i>TRIT1</i>	-0.010027751	0.001314062	0.055262964	1
T2DM_admission PP_cell	<i>EXO5</i>	-0.006015678	0.01688914	0.174140372	1
T2DM_admission PP_cell	<i>POMGNT1</i>	-0.004914014	0.04351672	0.241341992	1
T2DM_admission PP_cell	<i>UQCRH</i>	-0.000877803	0.049167264	0.250592282	1
T2DM_admission PP_cell	<i>ZFYVE9</i>	-0.005182326	0.021732323	0.190846525	1
T2DM_admission PP_cell	<i>GPX7</i>	-0.004244549	0.049954938	0.251843221	1
T2DM_admission PP_cell	<i>TTC4</i>	-0.002718213	0.026873265	0.206423537	1
T2DM_admission PP_cell	<i>HHLA3</i>	-0.007911985	0.024632897	0.203848017	1
T2DM_admission PP_cell	<i>TTLL7</i>	-0.003106026	0.035875084	0.226523623	1
T2DM_admission PP_cell	<i>RBMXL1</i>	-0.003830007	0.044075257	0.242823001	1
T2DM_admission PP_cell	<i>HFM1</i>	-0.010650061	0.020712583	0.188262161	1
T2DM_admission PP_cell	<i>TRMT13</i>	-0.005407227	0.003072383	0.082205143	1
T2DM_admission PP_cell	<i>GPR88</i>	-0.047047282	0.041823844	0.238376124	1
T2DM_admission PP_cell	<i>NTNG1</i>	0.015703582	0.027322538	0.207329845	1
T2DM_admission PP_cell	<i>SLC16A4</i>	-0.006050623	0.039718032	0.236600569	1
T2DM_admission PP_cell	<i>MTMR11</i>	-0.013296215	0.010390039	0.147446748	1
T2DM_admission PP_cell	<i>CCT3</i>	-0.001166995	0.044615416	0.242823001	1
T2DM_admission PP_cell	<i>NIT1</i>	-0.006564697	0.020370833	0.186782564	1
T2DM_admission PP_cell	<i>ALDH9A1</i>	-0.003321274	0.003284279	0.085856067	1
T2DM_admission PP_cell	<i>NME7</i>	-0.005969828	0.001371782	0.05582094	1
T2DM_admission PP_cell	<i>CCDC181</i>	-0.006898526	0.0004869	0.038430901	1
T2DM_admission PP_cell	<i>METTL18</i>	-0.010888172	0.001560537	0.059571113	1
T2DM_admission PP_cell	<i>GORAB</i>	0.00466642	0.004273086	0.098071254	1
T2DM_admission PP_cell	<i>FMO1</i>	-0.017317813	0.025443923	0.203848017	1
T2DM_admission PP_cell	<i>FMO4</i>	-0.017173123	0.024810252	0.203848017	1
T2DM_admission PP_cell	<i>RABGAP1L</i>	-0.002206667	0.004844464	0.101960428	1
T2DM_admission PP_cell	<i>CFHR1</i>	-0.038983703	0.031711006	0.218071456	1
T2DM_admission PP_cell	<i>DDX59</i>	-0.004188525	0.04681534	0.245288777	1
T2DM_admission PP_cell	<i>TMEM9</i>	-0.002529174	0.031926204	0.218493247	1
T2DM_admission PP_cell	<i>ARL8A</i>	-0.002001127	0.025161117	0.203848017	1
T2DM_admission PP_cell	<i>NUAK2</i>	-0.0116854	0.012272671	0.156611382	1
T2DM_admission PP_cell	<i>C4BPA</i>	-0.013167738	0.018302379	0.17717583	1
T2DM_admission PP_cell	<i>NSL1</i>	-0.002272712	0.035945303	0.226523623	1
T2DM_admission PP_cell	<i>LEFTY1</i>	-0.016795494	0.016140497	0.173463038	1
T2DM_admission PP_cell	<i>PYCR2</i>	-0.006197974	0.039570476	0.236097532	1
T2DM_admission PP_cell	<i>ZNF678</i>	-0.006504144	0.047285299	0.246370895	1
T2DM_admission PP_cell	<i>MAP10</i>	-0.008213126	0.04984121	0.251843221	1
T2DM_admission PP_cell	<i>TMEM18</i>	-0.001730183	0.026573102	0.205817751	1
T2DM_admission PP_cell	<i>IAH1</i>	-0.002349293	0.020567085	0.188120938	1
T2DM_admission PP_cell	<i>TAF1B</i>	-0.006073217	0.032566882	0.219822965	1
T2DM_admission PP_cell	<i>GEN1</i>	-0.00906647	0.025860864	0.204535923	1

T2DM_admission PP_cell	<i>NCOA1</i>	-0.002469135	0.01296513	0.159547864	1
T2DM_admission PP_cell	<i>POMC</i>	-0.003751981	0.002099585	0.065454566	1
T2DM_admission PP_cell	<i>CIB4</i>	-0.047684578	0.018098706	0.175863006	1
T2DM_admission PP_cell	<i>TTC27</i>	-0.006380332	0.044742038	0.242823001	1
T2DM_admission PP_cell	<i>CEBPZ</i>	0.001900652	0.005065898	0.104129263	1
T2DM_admission PP_cell	<i>NDUFAF7</i>	-0.005718059	9.90E-06	0.006175195	0.037051167
T2DM_admission PP_cell	<i>PLEKHH2</i>	-0.003937455	0.042914548	0.239975071	1
T2DM_admission PP_cell	<i>STON1</i>	-0.008035012	0.030148303	0.214012905	1
T2DM_admission PP_cell	<i>FANCL</i>	-0.007804952	0.048944887	0.249799213	1
T2DM_admission PP_cell	<i>WDPCP</i>	-0.007502109	0.034977841	0.225712294	1
T2DM_admission PP_cell	<i>MDH1</i>	-0.001642435	0.00655544	0.114254138	1
T2DM_admission PP_cell	<i>PPP3R1</i>	-0.001396437	0.027066712	0.206423537	1
T2DM_admission PP_cell	<i>C2orf42</i>	-0.007950724	0.030248259	0.214315787	1
T2DM_admission PP_cell	<i>FAM136A</i>	-0.003022886	0.022361974	0.194386982	1
T2DM_admission PP_cell	<i>CLEC4F</i>	-0.034824509	0.007107591	0.119235425	1
T2DM_admission PP_cell	<i>PAIP2B</i>	-0.003328748	0.021654125	0.190607249	1
T2DM_admission PP_cell	<i>INO80B</i>	-0.007260311	0.040693643	0.2368546	1
T2DM_admission PP_cell	<i>HTRA2</i>	-0.002952203	0.039852375	0.236634407	1
T2DM_admission PP_cell	<i>CAPG</i>	-0.006348416	0.001747427	0.061670992	1
T2DM_admission PP_cell	<i>GNLY</i>	0.003459656	0.026521171	0.205817751	1
T2DM_admission PP_cell	<i>PLGLB1</i>	-0.034206433	0.030594223	0.215153024	1
T2DM_admission PP_cell	<i>THNSL2</i>	-0.005835609	0.001626471	0.060846292	1
T2DM_admission PP_cell	<i>RPIA</i>	0.004625924	0.000317733	0.031297167	1
T2DM_admission PP_cell	<i>ANKRD36B</i>	-0.004413165	0.011988545	0.155726208	1
T2DM_admission PP_cell	<i>INPP4A</i>	-0.00596916	0.03381948	0.222744145	1
T2DM_admission PP_cell	<i>LIMS3</i>	-0.040046704	0.001161938	0.052371188	1
T2DM_admission PP_cell	<i>LINC01106</i>	-0.008148186	0.026138283	0.205427136	1
T2DM_admission PP_cell	<i>MERTK</i>	-0.005984759	0.01620911	0.173463038	1
T2DM_admission PP_cell	<i>TMEM87B</i>	-0.003764287	0.03080244	0.215573011	1
T2DM_admission PP_cell	<i>PAX8</i>	-0.020562823	0.017097335	0.174140372	1
T2DM_admission PP_cell	<i>SLC35F5</i>	-0.003904751	0.010202039	0.147358413	1
T2DM_admission PP_cell	<i>DBI</i>	-0.001698167	0.010986416	0.150327549	1
T2DM_admission PP_cell	<i>CCNT2</i>	-0.003478802	0.017531488	0.174146284	1
T2DM_admission PP_cell	<i>LYPD6</i>	-0.026961688	0.03297584	0.220290388	1
T2DM_admission PP_cell	<i>KCNJ3</i>	-0.00496633	0.005269663	0.104904908	1
T2DM_admission PP_cell	<i>TANC1</i>	-0.005892255	0.019782314	0.183636817	1
T2DM_admission PP_cell	<i>LY75</i>	-0.015707314	1.29E-05	0.006771416	0.04811789
T2DM_admission PP_cell	<i>DPP4</i>	-0.007162738	0.006247007	0.111892972	1
T2DM_admission PP_cell	<i>FIGN</i>	-0.007602434	0.035418137	0.225712294	1
T2DM_admission PP_cell	<i>CERS6</i>	-0.00325763	0.013585287	0.163607603	1
T2DM_admission PP_cell	<i>SPC25</i>	-0.00659482	0.014161971	0.166603567	1
T2DM_admission PP_cell	<i>PDK1</i>	-0.003366644	0.04657333	0.245136362	1
T2DM_admission PP_cell	<i>CWC22</i>	-0.003634656	5.60E-05	0.013116948	0.209645283
T2DM_admission PP_cell	<i>COL3A1</i>	-0.001080677	0.024715003	0.203848017	1
T2DM_admission PP_cell	<i>ORMDL1</i>	-0.001773306	0.025115706	0.203848017	1
T2DM_admission PP_cell	<i>DNAH7</i>	-0.008258972	0.000138353	0.021565781	0.517578743
T2DM_admission PP_cell	<i>CASP8</i>	-0.008141945	0.042119406	0.238713726	1
T2DM_admission PP_cell	<i>WDR12</i>	-0.007886514	0.029090352	0.212968701	1
T2DM_admission PP_cell	<i>METTL21A</i>	-0.002312866	0.035045168	0.225712294	1
T2DM_admission PP_cell	<i>MFF</i>	-0.001339726	0.026440248	0.205817751	1
T2DM_admission PP_cell	<i>USP40</i>	-0.005674352	0.042499077	0.239802486	1
T2DM_admission PP_cell	<i>UBE2F</i>	-0.003653224	0.032149056	0.218672036	1
T2DM_admission PP_cell	<i>AQP12B</i>	-0.037303407	0.026679207	0.206047605	1
T2DM_admission PP_cell	<i>ANO7</i>	-0.020578109	0.041263509	0.237853293	1
T2DM_admission PP_cell	<i>LRRN1</i>	-0.021470444	0.003660084	0.092516035	1
T2DM_admission PP_cell	<i>SLC6A11</i>	-0.03988702	0.004780389	0.101960428	1

T2DM_admission PP_cell	<i>PPARG</i>	-0.011531399	0.012210434	0.156611382	1
T2DM_admission PP_cell	<i>HDAC11</i>	-0.008177365	0.026372442	0.205817751	1
T2DM_admission PP_cell	<i>ULK4</i>	-0.006721769	0.00964916	0.144720889	1
T2DM_admission PP_cell	<i>LIMD1</i>	-0.004909958	0.047525348	0.247277227	1
T2DM_admission PP_cell	<i>LTF</i>	-0.013802568	0.018793776	0.179355906	1
T2DM_admission PP_cell	<i>CDC25A</i>	-0.052656113	1.45E-05	0.006771416	0.054171331
T2DM_admission PP_cell	<i>ZNF589</i>	-0.009370999	0.000505107	0.038430901	1
T2DM_admission PP_cell	<i>NCKIPSD</i>	-0.007812656	0.001101038	0.051487284	1
T2DM_admission PP_cell	<i>ARIH2</i>	-0.002898953	0.001514603	0.058413695	1
T2DM_admission PP_cell	<i>P4HTM</i>	-0.001938553	0.00301184	0.082205143	1
T2DM_admission PP_cell	<i>QRICH1</i>	0.002107669	0.017319403	0.174146284	1
T2DM_admission PP_cell	<i>AMT</i>	-0.01136387	0.000752473	0.042562006	1
T2DM_admission PP_cell	<i>UBA7</i>	-0.022619778	0.015753316	0.173463038	1
T2DM_admission PP_cell	<i>TUSC2</i>	-0.00279566	0.025192761	0.203848017	1
T2DM_admission PP_cell	<i>DOCK3</i>	-0.005566409	0.002346248	0.069112697	1
T2DM_admission PP_cell	<i>TEX264</i>	-0.002120985	0.000700642	0.042275836	1
T2DM_admission PP_cell	<i>TWF2</i>	-0.006425954	0.01887369	0.179660237	1
T2DM_admission PP_cell	<i>MAGI1</i>	-0.004188345	0.016952995	0.174140372	1
T2DM_admission PP_cell	<i>SUCLG2</i>	-0.004375083	0.027092744	0.206423537	1
T2DM_admission PP_cell	<i>ARL6IP5</i>	-0.001435327	0.000130587	0.021330278	0.488524314
T2DM_admission PP_cell	<i>EBLN2</i>	-0.006914851	0.044022438	0.242823001	1
T2DM_admission PP_cell	<i>TMEM45A</i>	-0.004321144	0.044843225	0.242823001	1
T2DM_admission PP_cell	<i>GUCA1C</i>	-0.054140016	0.000246405	0.026126648	0.921801454
T2DM_admission PP_cell	<i>ABHD10</i>	-0.004411673	0.00684152	0.116868152	1
T2DM_admission PP_cell	<i>TAGLN3</i>	-0.005088507	0.014900901	0.169952046	1
T2DM_admission PP_cell	<i>ATP6V1A</i>	-0.00373669	0.005314756	0.104904908	1
T2DM_admission PP_cell	<i>SLC12A8</i>	-0.015205033	0.00014418	0.021575103	0.539377578
T2DM_admission PP_cell	<i>TPRA1</i>	-0.002628088	0.046201511	0.244124085	1
T2DM_admission PP_cell	<i>RPN1</i>	-0.003066155	0.00656633	0.114254138	1
T2DM_admission PP_cell	<i>RAB43</i>	-0.006803056	0.036774702	0.229900033	1
T2DM_admission PP_cell	<i>PIK3R4</i>	-0.007795465	0.003914106	0.095517012	1
T2DM_admission PP_cell	<i>ASTE1</i>	-0.006629033	0.041857249	0.238376124	1
T2DM_admission PP_cell	<i>NMNAT3</i>	-0.005164176	0.002232403	0.067820944	1
T2DM_admission PP_cell	<i>TM4SF4</i>	-0.000796117	0.014686872	0.168633905	1
T2DM_admission PP_cell	<i>COMMD2</i>	-0.003465224	0.005404303	0.105299475	1
T2DM_admission PP_cell	<i>EIF2A</i>	-0.002043895	0.03725559	0.230750268	1
T2DM_admission PP_cell	<i>P2RY12</i>	-0.045725074	0.045111574	0.242823001	1
T2DM_admission PP_cell	<i>LXN</i>	-0.002485685	0.032729589	0.219822965	1
T2DM_admission PP_cell	<i>NCEH1</i>	-0.003107686	0.027223118	0.206995296	1
T2DM_admission PP_cell	<i>MRPL47</i>	-0.00102222	0.031380743	0.216596608	1
T2DM_admission PP_cell	<i>RFC4</i>	-0.008256249	0.025563862	0.203848017	1
T2DM_admission PP_cell	<i>GMNC</i>	-0.034253374	0.001735134	0.061670992	1
T2DM_admission PP_cell	<i>LSG1</i>	-0.008074143	4.98E-07	0.001862915	0.001862915
T2DM_admission PP_cell	<i>DGKQ</i>	-0.007232602	0.012438532	0.156611382	1
T2DM_admission PP_cell	<i>FGFRL1</i>	-0.016328943	0.000570573	0.040273837	1
T2DM_admission PP_cell	<i>FAM53A</i>	-0.022493181	0.000481808	0.038430901	1
T2DM_admission PP_cell	<i>TACC3</i>	-0.015981549	0.007816243	0.126521413	1
T2DM_admission PP_cell	<i>TMEM129</i>	-0.003194075	0.03292498	0.220290388	1
T2DM_admission PP_cell	<i>ZFYVE28</i>	0.022169457	9.07E-05	0.017862887	0.339394846
T2DM_admission PP_cell	<i>DOK7</i>	-0.019299311	0.002288534	0.06836917	1
T2DM_admission PP_cell	<i>BOD1L1</i>	-0.001813941	0.04845571	0.249099388	1
T2DM_admission PP_cell	<i>DCAF16</i>	-0.002419927	0.000202897	0.02448507	0.75903718
T2DM_admission PP_cell	<i>NSUN7</i>	-0.006526276	0.004525388	0.100770701	1
T2DM_admission PP_cell	<i>NFXL1</i>	-0.007130249	0.038835099	0.232823886	1
T2DM_admission PP_cell	<i>SRD5A3</i>	-0.003791773	0.015569326	0.173463038	1
T2DM_admission PP_cell	<i>CLOCK</i>	-0.003299397	0.042736738	0.239851268	1

T2DM_admission PP_cell	<i>CXCL6</i>	0.004599497	0.038180384	0.232823886	1
T2DM_admission PP_cell	<i>USO1</i>	-0.002693004	0.024704715	0.203848017	1
T2DM_admission PP_cell	<i>MAPK10</i>	-0.003442022	0.022505936	0.194834666	1
T2DM_admission PP_cell	<i>NUDT9</i>	-0.002470292	0.043860875	0.242368586	1
T2DM_admission PP_cell	<i>PPA2</i>	-0.004027287	0.000659223	0.041901603	1
T2DM_admission PP_cell	<i>C4orf33</i>	-0.009284305	0.017595585	0.174146284	1
T2DM_admission PP_cell	<i>ARFIP1</i>	-0.002025085	0.02795185	0.209135745	1
T2DM_admission PP_cell	<i>TRIM2</i>	-0.002995783	0.016411659	0.173463038	1
T2DM_admission PP_cell	<i>RNF175</i>	-0.016989741	0.019006683	0.180010127	1
T2DM_admission PP_cell	<i>PPID</i>	-0.003506814	0.025151848	0.203848017	1
T2DM_admission PP_cell	<i>NEK1</i>	-0.009891131	0.000989905	0.047477389	1
T2DM_admission PP_cell	<i>SAP30</i>	-0.002678265	0.015504539	0.173463038	1
T2DM_admission PP_cell	<i>ING2</i>	-0.003107522	0.033359123	0.220878725	1
T2DM_admission PP_cell	<i>CENPU</i>	-0.006160923	0.024025586	0.202888751	1
T2DM_admission PP_cell	<i>KLKB1</i>	-0.0104106	0.0298728	0.213470191	1
T2DM_admission PP_cell	<i>ZDHHC11B</i>	-0.025575536	0.004464199	0.100770701	1
T2DM_admission PP_cell	<i>NSUN2</i>	-0.004528839	0.034335239	0.224731745	1
T2DM_admission PP_cell	<i>SEMA5A</i>	-0.00615345	0.005870769	0.108725475	1
T2DM_admission PP_cell	<i>DROSHA</i>	-0.016441721	1.96E-05	0.008146489	0.073318405
T2DM_admission PP_cell	<i>AMACR</i>	-0.00202408	0.038784005	0.232823886	1
T2DM_admission PP_cell	<i>CCDC152</i>	-0.005710965	0.006164959	0.111416002	1
T2DM_admission PP_cell	<i>ARHGEF28</i>	-0.005520637	0.001200261	0.053454485	1
T2DM_admission PP_cell	<i>NSA2</i>	-0.00080122	0.010899127	0.150327549	1
T2DM_admission PP_cell	<i>POLK</i>	-0.001565716	0.013940558	0.164673455	1
T2DM_admission PP_cell	<i>POC5</i>	-0.003452559	0.017269735	0.174140372	1
T2DM_admission PP_cell	<i>PDE8B</i>	-0.003867803	0.004616401	0.101960428	1
T2DM_admission PP_cell	<i>RPS23</i>	-0.000267915	0.035190107	0.225712294	1
T2DM_admission PP_cell	<i>STARD4</i>	-0.005279532	0.007225747	0.12067642	1
T2DM_admission PP_cell	<i>DCP2</i>	-0.005588105	0.000925552	0.046872968	1
T2DM_admission PP_cell	<i>DTWD2</i>	-0.010178297	0.010862405	0.150327549	1
T2DM_admission PP_cell	<i>HSD17B4</i>	-0.003956646	0.025022932	0.203848017	1
T2DM_admission PP_cell	<i>HINT1</i>	0.000360372	0.008772557	0.138026093	1
T2DM_admission PP_cell	<i>P4HA2</i>	-0.003480044	0.017735828	0.174146284	1
T2DM_admission PP_cell	<i>SIL1</i>	-0.002892513	0.01149633	0.152659794	1
T2DM_admission PP_cell	<i>SLC23A1</i>	-0.032413648	0.004715026	0.101960428	1
T2DM_admission PP_cell	<i>DNAJC18</i>	-0.005732906	0.012786559	0.15786969	1
T2DM_admission PP_cell	<i>TMCO6</i>	-0.019436019	0.031272036	0.216596608	1
T2DM_admission PP_cell	<i>PCDHA1</i>	-0.014774513	2.32E-05	0.008430526	0.086747957
T2DM_admission PP_cell	<i>PCDHA2</i>	-0.067923706	0.00013114	0.021330278	0.490596404
T2DM_admission PP_cell	<i>PCDHA3</i>	-0.029516887	0.000550451	0.039600698	1
T2DM_admission PP_cell	<i>PCDHA4</i>	-0.030502017	3.55E-06	0.004429453	0.013288359
T2DM_admission PP_cell	<i>PCDHA5</i>	-0.030651687	2.87E-05	0.008961639	0.107539672
T2DM_admission PP_cell	<i>PCDHA10</i>	-0.007966509	0.026076233	0.205370919	1
T2DM_admission PP_cell	<i>PCDHA12</i>	-0.015609648	0.03800759	0.232823886	1
T2DM_admission PP_cell	<i>PCDHA13</i>	-0.025261298	0.001710254	0.061670992	1
T2DM_admission PP_cell	<i>GM2A</i>	-0.006439612	0.025559842	0.203848017	1
T2DM_admission PP_cell	<i>SLU7</i>	0.000978143	0.029514044	0.213470191	1
T2DM_admission PP_cell	<i>STC2</i>	-0.006362725	0.014684353	0.168633905	1
T2DM_admission PP_cell	<i>MXD3</i>	-0.013484503	0.000343491	0.032293371	1
T2DM_admission PP_cell	<i>ZNF879</i>	-0.009517969	0.013261574	0.161076459	1
T2DM_admission PP_cell	<i>TBC1D9B</i>	-0.004562003	0.04438872	0.242823001	1
T2DM_admission PP_cell	<i>BTNL8</i>	-0.039944886	0.047665048	0.247659643	1
T2DM_admission PP_cell	<i>TRIM7</i>	-0.008480622	0.030617988	0.215153024	1
T2DM_admission PP_cell	<i>NQO2</i>	-0.003420656	0.046793573	0.245288777	1
T2DM_admission PP_cell	<i>SIRT5</i>	-0.011540839	0.016995259	0.174140372	1
T2DM_admission PP_cell	<i>ATXN1</i>	-0.002622085	0.006259774	0.111892972	1

T2DM_admission PP_cell	<i>KIAA0319</i>	-0.007764457	0.040179842	0.236713056	1
T2DM_admission PP_cell	<i>HMGN4</i>	-0.003132791	0.038728397	0.232823886	1
T2DM_admission PP_cell	<i>ZNF391</i>	-0.017892146	0.007515844	0.123319175	1
T2DM_admission PP_cell	<i>ZFP57</i>	0.013816361	0.048599837	0.249099388	1
T2DM_admission PP_cell	<i>TRIM31</i>	-0.049768232	0.003762724	0.093220871	1
T2DM_admission PP_cell	<i>TRIM26</i>	-0.006996342	0.016728126	0.174140372	1
T2DM_admission PP_cell	<i>PSORS1C1</i>	-0.03204334	0.000317908	0.031297167	1
T2DM_admission PP_cell	<i>ATP6V1G2</i>	-0.031069885	0.020208071	0.185745442	1
T2DM_admission PP_cell	<i>VWA7</i>	-0.01999648	0.034761055	0.225712294	1
T2DM_admission PP_cell	<i>SLC44A4</i>	-0.012028939	0.000615134	0.041093115	1
T2DM_admission PP_cell	<i>C4A</i>	-0.066127644	0.001258978	0.055262964	1
T2DM_admission PP_cell	<i>RNF5</i>	-0.004611405	0.006004074	0.110646513	1
T2DM_admission PP_cell	<i>NOTCH4</i>	-0.013689434	5.85E-05	0.013116948	0.218894101
T2DM_admission PP_cell	<i>LHFPL5</i>	-0.011602045	0.006161106	0.111416002	1
T2DM_admission PP_cell	<i>MOCSI</i>	-0.008042746	0.013953885	0.164673455	1
T2DM_admission PP_cell	<i>UNC5CL</i>	-0.006202877	0.010517867	0.147922331	1
T2DM_admission PP_cell	<i>NFYA</i>	-0.007614689	0.00131473	0.055262964	1
T2DM_admission PP_cell	<i>TFEB</i>	-0.006861492	0.016202226	0.173463038	1
T2DM_admission PP_cell	<i>PGC</i>	-0.009670784	0.040710374	0.2368546	1
T2DM_admission PP_cell	<i>ENPP5</i>	-0.00427988	0.045507246	0.242823001	1
T2DM_admission PP_cell	<i>TDRD6</i>	-0.008943704	0.010132616	0.146922927	1
T2DM_admission PP_cell	<i>CRISP2</i>	-0.048878286	0.012443528	0.156611382	1
T2DM_admission PP_cell	<i>GSTA2</i>	-0.016085132	0.00526369	0.104904908	1
T2DM_admission PP_cell	<i>FAM83B</i>	-0.013446045	0.009995371	0.146637973	1
T2DM_admission PP_cell	<i>SLC17A5</i>	0.001520556	0.046589669	0.245136362	1
T2DM_admission PP_cell	<i>IRAK1BP1</i>	-0.003915537	0.02231385	0.194386982	1
T2DM_admission PP_cell	<i>GABRR2</i>	-0.02529216	0.034631335	0.225712294	1
T2DM_admission PP_cell	<i>BACH2</i>	-0.007989224	0.001905577	0.063649685	1
T2DM_admission PP_cell	<i>FUT9</i>	-0.092100486	0.001312846	0.055262964	1
T2DM_admission PP_cell	<i>QSL1</i>	-0.003270159	0.027852085	0.209135745	1
T2DM_admission PP_cell	<i>PDSS2</i>	-0.004272413	0.036418744	0.228594834	1
T2DM_admission PP_cell	<i>L3MBTL3</i>	-0.005513211	0.000157296	0.021794248	0.588444683
T2DM_admission PP_cell	<i>PEX7</i>	-0.007139937	0.004194427	0.098070941	1
T2DM_admission PP_cell	<i>ABRACL</i>	-0.009044986	0.000345291	0.032293371	1
T2DM_admission PP_cell	<i>PHACTR2</i>	-0.001448905	0.045703767	0.242823001	1
T2DM_admission PP_cell	<i>PLEKHG1</i>	-0.004801682	0.036904783	0.230101322	1
T2DM_admission PP_cell	<i>RMND1</i>	-0.004107014	0.036811045	0.229900033	1
T2DM_admission PP_cell	<i>IPCEF1</i>	-0.008876033	0.049399524	0.251091873	1
T2DM_admission PP_cell	<i>CCR6</i>	-0.035180164	0.040417146	0.236845027	1
T2DM_admission PP_cell	<i>DACT2</i>	-0.017858574	0.038136187	0.232823886	1
T2DM_admission PP_cell	<i>SUN1</i>	-0.001349555	0.048392613	0.249099388	1
T2DM_admission PP_cell	<i>ZFAND2A</i>	-0.001607216	0.035143438	0.225712294	1
T2DM_admission PP_cell	<i>PSMG3-AS1</i>	-0.010303441	0.011932372	0.155726208	1
T2DM_admission PP_cell	<i>EIF3B</i>	-0.002403188	0.030024833	0.213541635	1
T2DM_admission PP_cell	<i>RBAK</i>	-0.005139896	0.005179718	0.104904908	1
T2DM_admission PP_cell	<i>TNRC18</i>	-0.005448469	0.028869935	0.212968701	1
T2DM_admission PP_cell	<i>CCZ1B</i>	-0.008427915	0.003820797	0.094036861	1
T2DM_admission PP_cell	<i>C1GALT1</i>	-0.001858842	0.04563339	0.242823001	1
T2DM_admission PP_cell	<i>VWDE</i>	-0.003571856	0.035672668	0.226146182	1
T2DM_admission PP_cell	<i>KIAA0087</i>	-0.047927505	0.016938483	0.174140372	1
T2DM_admission PP_cell	<i>CRHR2</i>	0.021112543	0.017961014	0.175436428	1
T2DM_admission PP_cell	<i>EPDR1</i>	-0.009972517	0.002220127	0.067820944	1
T2DM_admission PP_cell	<i>DBNL</i>	-0.006906179	3.68E-05	0.010580445	0.137545781
T2DM_admission PP_cell	<i>PSPH</i>	-0.008755411	0.039869838	0.236634407	1
T2DM_admission PP_cell	<i>ZNF138</i>	-0.004889659	0.019972229	0.184484219	1
T2DM_admission PP_cell	<i>ZNF117</i>	-0.006957131	0.028647018	0.212736963	1

T2DM_admission PP_cell	<i>ERV3-1</i>	-0.005044012	0.008859384	0.138095645	1
T2DM_admission PP_cell	<i>RABGEF1</i>	0.002232204	0.018565997	0.178548572	1
T2DM_admission PP_cell	<i>POM121</i>	-0.004049229	0.024231998	0.203848017	1
T2DM_admission PP_cell	<i>TBL2</i>	-0.006285184	0.02391443	0.202406976	1
T2DM_admission PP_cell	<i>CLDN3</i>	-0.00370195	0.000406469	0.03536283	1
T2DM_admission PP_cell	<i>PTPN12</i>	-0.003074354	0.009106573	0.141359713	1
T2DM_admission PP_cell	<i>LMTK2</i>	-0.002906915	0.012781397	0.15786969	1
T2DM_admission PP_cell	<i>LAMTOR4</i>	-0.001165712	0.026532339	0.205817751	1
T2DM_admission PP_cell	<i>AGFG2</i>	-0.00677306	0.035474967	0.225712294	1
T2DM_admission PP_cell	<i>TFR2</i>	-0.026577301	0.040556844	0.236845027	1
T2DM_admission PP_cell	<i>TRIP6</i>	-0.005027239	0.021580264	0.190607249	1
T2DM_admission PP_cell	<i>ACHE</i>	-0.009368534	0.016304682	0.173463038	1
T2DM_admission PP_cell	<i>CAV2</i>	0.002334409	0.012517189	0.156611382	1
T2DM_admission PP_cell	<i>IRF5</i>	-0.007334639	0.025585354	0.203848017	1
T2DM_admission PP_cell	<i>TMEM209</i>	-0.004049651	0.004501492	0.100770701	1
T2DM_admission PP_cell	<i>SLC35B4</i>	-0.00773421	0.000513645	0.038430901	1
T2DM_admission PP_cell	<i>ARHGEF35</i>	-0.003528453	0.041553004	0.238376124	1
T2DM_admission PP_cell	<i>CNTNAP2</i>	-0.037226189	0.015928827	0.173463038	1
T2DM_admission PP_cell	<i>LRRC61</i>	-0.002408204	0.037722624	0.232823886	1
T2DM_admission PP_cell	<i>GIMAP6</i>	0.005124097	0.005327969	0.104904908	1
T2DM_admission PP_cell	<i>TMEM176B</i>	-0.001460265	0.004851365	0.101960428	1
T2DM_admission PP_cell	<i>TMEM176A</i>	-0.001343322	0.019340117	0.181856006	1
T2DM_admission PP_cell	<i>AGAP3</i>	-0.003610114	0.035726382	0.226146182	1
T2DM_admission PP_cell	<i>NCAPG2</i>	-0.016979336	0.0287175	0.212736963	1
T2DM_admission PP_cell	<i>MYOM2</i>	-0.014985233	0.004473981	0.100770701	1
T2DM_admission PP_cell	<i>ERII</i>	-0.005346938	0.038754628	0.232823886	1
T2DM_admission PP_cell	<i>BLK</i>	-0.053408869	0.002039204	0.0648688	1
T2DM_admission PP_cell	<i>DEFB134</i>	-0.057139664	0.009503601	0.144524279	1
T2DM_admission PP_cell	<i>MTUS1</i>	-0.00398002	0.009751035	0.144756431	1
T2DM_admission PP_cell	<i>CSGALNACT1</i>	-0.006742297	0.005461072	0.105308612	1
T2DM_admission PP_cell	<i>NUDT18</i>	-0.010682334	0.015107015	0.171258611	1
T2DM_admission PP_cell	<i>PIWIL2</i>	-0.017796773	0.038272634	0.232823886	1
T2DM_admission PP_cell	<i>PEBP4</i>	-0.017698819	0.0018764	0.063649685	1
T2DM_admission PP_cell	<i>PBK</i>	-0.018489877	0.02078382	0.188262161	1
T2DM_admission PP_cell	<i>DDHD2</i>	-0.003504229	0.038728448	0.232823886	1
T2DM_admission PP_cell	<i>TMEM68</i>	-0.003733362	0.017049104	0.174140372	1
T2DM_admission PP_cell	<i>TERF1</i>	-0.002999884	0.045150957	0.242823001	1
T2DM_admission PP_cell	<i>CRISPLD1</i>	-0.015761218	0.027522577	0.2075846	1
T2DM_admission PP_cell	<i>PEX2</i>	-0.00267203	0.000156038	0.021794248	0.583739858
T2DM_admission PP_cell	<i>RMDN1</i>	-0.003382948	0.023126014	0.198427561	1
T2DM_admission PP_cell	<i>SNX31</i>	-0.043428007	0.048138641	0.249099388	1
T2DM_admission PP_cell	<i>LRP12</i>	-0.004866558	0.040397969	0.236845027	1
T2DM_admission PP_cell	<i>SAMD12</i>	-0.003490567	0.040555863	0.236845027	1
T2DM_admission PP_cell	<i>LYNX1</i>	-0.014453502	0.035469639	0.225712294	1
T2DM_admission PP_cell	<i>TOP1MT</i>	-0.011914835	0.001455666	0.058006078	1
T2DM_admission PP_cell	<i>VPS28</i>	-0.002032724	0.01991768	0.184435744	1
T2DM_admission PP_cell	<i>TONSL</i>	-0.009365756	0.006300086	0.111892972	1
T2DM_admission PP_cell	<i>ZNF34</i>	-0.005627837	0.028695669	0.212736963	1
T2DM_admission PP_cell	<i>FOXD4</i>	-0.041485878	0.048915676	0.249799213	1
T2DM_admission PP_cell	<i>CNTLN</i>	-0.006429508	0.021179459	0.19001591	1
T2DM_admission PP_cell	<i>LRRC19</i>	-0.015072247	0.028637728	0.212736963	1
T2DM_admission PP_cell	<i>NFX1</i>	-0.002612856	0.005565621	0.106229524	1
T2DM_admission PP_cell	<i>PIGO</i>	-0.008808105	0.025664907	0.203848017	1
T2DM_admission PP_cell	<i>CD72</i>	-0.014830975	0.005287099	0.104904908	1
T2DM_admission PP_cell	<i>NPR2</i>	-0.012041049	0.009890824	0.14625128	1
T2DM_admission PP_cell	<i>FXN</i>	-0.003824166	0.011656546	0.153007502	1

T2DM_admission PP_cell	<i>NMRK1</i>	-0.006368394	0.001083865	0.051325798	1
T2DM_admission PP_cell	<i>DAPK1</i>	-0.003699728	0.006099627	0.111310755	1
T2DM_admission PP_cell	<i>CDK20</i>	-0.005974037	0.040064515	0.236634407	1
T2DM_admission PP_cell	<i>SPIN1</i>	-0.004431678	0.002877712	0.080943774	1
T2DM_admission PP_cell	<i>WNK2</i>	-0.004777467	0.001811469	0.062747285	1
T2DM_admission PP_cell	<i>ZNF462</i>	-0.007905018	0.001895582	0.063649685	1
T2DM_admission PP_cell	<i>ZNF483</i>	-0.002599027	0.000423357	0.035994967	1
T2DM_admission PP_cell	<i>GNG10</i>	-0.000989521	0.038122637	0.232823886	1
T2DM_admission PP_cell	<i>UGCG</i>	-0.002200609	0.013206213	0.160926526	1
T2DM_admission PP_cell	<i>SUSD1</i>	-0.006013805	0.031634172	0.217943717	1
T2DM_admission PP_cell	<i>ZNF883</i>	-0.026601303	0.010272975	0.147446748	1
T2DM_admission PP_cell	<i>CDC26</i>	-0.002635165	0.029047912	0.212968701	1
T2DM_admission PP_cell	<i>ATP6V1G1</i>	-0.001103606	0.011557618	0.152781093	1
T2DM_admission PP_cell	<i>RBM18</i>	-0.003376939	0.04186397	0.238376124	1
T2DM_admission PP_cell	<i>RABGAP1</i>	-0.00587226	0.000600417	0.040839241	1
T2DM_admission PP_cell	<i>RPL12</i>	-0.000293986	0.00993244	0.146288415	1
T2DM_admission PP_cell	<i>CDK9</i>	-0.005505749	0.000643562	0.041901603	1
T2DM_admission PP_cell	<i>FPGS</i>	-0.004113386	0.000739455	0.042562006	1
T2DM_admission PP_cell	<i>DNM1</i>	-0.004094721	0.01428685	0.167545787	1
T2DM_admission PP_cell	<i>ENDOG</i>	-0.002408323	0.039512931	0.236097532	1
T2DM_admission PP_cell	<i>PHYHD1</i>	-0.021048668	0.000360719	0.032913445	1
T2DM_admission PP_cell	<i>CRAT</i>	-0.005298202	0.00882228	0.138092669	1
T2DM_admission PP_cell	<i>QRFP</i>	-0.066847916	0.041540668	0.238376124	1
T2DM_admission PP_cell	<i>DBH</i>	-0.002600159	0.016389277	0.173463038	1
T2DM_admission PP_cell	<i>SEC16A</i>	-0.002944608	0.039964713	0.236634407	1
T2DM_admission PP_cell	<i>GTPBP4</i>	0.001883001	0.000968868	0.0470719	1
T2DM_admission PP_cell	<i>DCLRE1C</i>	-0.003563239	0.030410618	0.215058834	1
T2DM_admission PP_cell	<i>CIQL3</i>	-0.033899235	0.005767281	0.108725475	1
T2DM_admission PP_cell	<i>TRDMT1</i>	-0.011070727	0.031777097	0.218124989	1
T2DM_admission PP_cell	<i>MRC1</i>	-0.009925151	0.002248008	0.067820944	1
T2DM_admission PP_cell	<i>ACBD5</i>	-0.002048433	0.011429836	0.152659794	1
T2DM_admission PP_cell	<i>MPP7</i>	-0.008065087	0.010405224	0.147446748	1
T2DM_admission PP_cell	<i>ASAH2B</i>	-0.012570596	0.017717929	0.174146284	1
T2DM_admission PP_cell	<i>MYPN</i>	-0.02550864	0.029885942	0.213470191	1
T2DM_admission PP_cell	<i>PBLD</i>	-0.011118715	0.004067777	0.097548423	1
T2DM_admission PP_cell	<i>SAR1A</i>	-0.00195151	0.023245889	0.198843314	1
T2DM_admission PP_cell	<i>CHST3</i>	-0.007512075	0.029822056	0.213470191	1
T2DM_admission PP_cell	<i>DLG5</i>	-0.002601142	0.005843916	0.108725475	1
T2DM_admission PP_cell	<i>IFIT5</i>	-0.0033622	0.045552407	0.242823001	1
T2DM_admission PP_cell	<i>FFAR4</i>	-0.005406585	0.031947556	0.218493247	1
T2DM_admission PP_cell	<i>C10orf62</i>	-0.055973578	0.000251419	0.026126648	0.940559325
T2DM_admission PP_cell	<i>CWF19L1</i>	-0.00705787	0.001660692	0.061131375	1
T2DM_admission PP_cell	<i>SFXN3</i>	-0.0076944	0.005037655	0.104120816	1
T2DM_admission PP_cell	<i>NPM3</i>	-0.004007716	0.02576003	0.204170072	1
T2DM_admission PP_cell	<i>SFXN2</i>	-0.010807276	0.029900663	0.213470191	1
T2DM_admission PP_cell	<i>WBP1L</i>	-0.011514313	9.65E-05	0.018042702	0.360854039
T2DM_admission PP_cell	<i>AS3MT</i>	0.005564731	0.039044546	0.233705037	1
T2DM_admission PP_cell	<i>SMC3</i>	-0.002393155	0.018932947	0.179766894	1
T2DM_admission PP_cell	<i>CASP7</i>	-0.006150344	0.003304805	0.085856067	1
T2DM_admission PP_cell	<i>ADRB1</i>	-0.007822059	0.021282188	0.19001591	1
T2DM_admission PP_cell	<i>PLEKHA1</i>	-0.00215336	0.017529143	0.174146284	1
T2DM_admission PP_cell	<i>HTRA1</i>	-0.004503732	0.000190781	0.024267935	0.713711203
T2DM_admission PP_cell	<i>PPP2R2D</i>	-0.004606716	0.003281995	0.085856067	1
T2DM_admission PP_cell	<i>BNIP3</i>	-0.002526957	0.003042324	0.082205143	1
T2DM_admission PP_cell	<i>PRAP1</i>	-0.070152308	0.001372768	0.05582094	1
T2DM_admission PP_cell	<i>FUOM</i>	-0.010434759	0.00050891	0.038430901	1

T2DM_admission PP_cell	<i>PAOX</i>	-0.016874473	7.36E-06	0.006097199	0.027524432
T2DM_admission PP_cell	<i>RIC8A</i>	-0.005491316	0.011507635	0.152659794	1
T2DM_admission PP_cell	<i>TH</i>	-0.031391474	0.017136514	0.174140372	1
T2DM_admission PP_cell	<i>ZNF195</i>	-0.002914294	0.044489763	0.242823001	1
T2DM_admission PP_cell	<i>ART5</i>	-0.023939854	0.042812198	0.239851268	1
T2DM_admission PP_cell	<i>TRIM6</i>	-0.02694182	0.045090259	0.242823001	1
T2DM_admission PP_cell	<i>PDE3B</i>	-0.003380028	0.026768013	0.206047605	1
T2DM_admission PP_cell	<i>GTF2H1</i>	-0.003212021	0.048521822	0.249099388	1
T2DM_admission PP_cell	<i>SPTY2D1</i>	-0.002535604	0.02119703	0.19001591	1
T2DM_admission PP_cell	<i>ANO5</i>	-0.007151981	0.021060932	0.19001591	1
T2DM_admission PP_cell	<i>MUC15</i>	-0.023150064	0.004783547	0.101960428	1
T2DM_admission PP_cell	<i>APIP</i>	-0.002683424	0.038544602	0.232823886	1
T2DM_admission PP_cell	<i>MDK</i>	-0.001499937	0.025172349	0.203848017	1
T2DM_admission PP_cell	<i>ARHGAP1</i>	-0.004325421	0.000444245	0.036931562	1
T2DM_admission PP_cell	<i>ZNF408</i>	-0.011930808	0.005197064	0.104904908	1
T2DM_admission PP_cell	<i>LRP4</i>	-0.02019885	0.019275659	0.181856006	1
T2DM_admission PP_cell	<i>LRRC55</i>	-0.077852305	0.004497675	0.100770701	1
T2DM_admission PP_cell	<i>MED19</i>	-0.002689665	0.024833939	0.203848017	1
T2DM_admission PP_cell	<i>SAC3D1</i>	-0.003770179	0.044943576	0.242823001	1
T2DM_admission PP_cell	<i>EHBP1L1</i>	-0.007975139	0.003076375	0.082205143	1
T2DM_admission PP_cell	<i>MAP3K11</i>	-0.002860342	0.042828294	0.239851268	1
T2DM_admission PP_cell	<i>RNASEH2C</i>	-0.003029869	0.004057911	0.097548423	1
T2DM_admission PP_cell	<i>AP5B1</i>	-0.005952844	0.01164656	0.153007502	1
T2DM_admission PP_cell	<i>CTSW</i>	-0.013841883	0.025646422	0.203848017	1
T2DM_admission PP_cell	<i>GAL3ST3</i>	0.042245458	0.003368392	0.086309285	1
T2DM_admission PP_cell	<i>SF3B2</i>	-0.001200925	0.006092755	0.111310755	1
T2DM_admission PP_cell	<i>CLCF1</i>	-0.008584672	0.048414129	0.249099388	1
T2DM_admission PP_cell	<i>RPS6KB2</i>	-0.004412988	0.000952244	0.046872968	1
T2DM_admission PP_cell	<i>MRPL21</i>	-0.002336586	0.0157101	0.173463038	1
T2DM_admission PP_cell	<i>WNT11</i>	-0.01902655	0.038491704	0.232823886	1
T2DM_admission PP_cell	<i>AQP11</i>	-0.012578685	0.000873272	0.045373744	1
T2DM_admission PP_cell	<i>ALG8</i>	-0.004708727	0.037161007	0.230750268	1
T2DM_admission PP_cell	<i>RAB38</i>	-0.026524195	0.017224569	0.174140372	1
T2DM_admission PP_cell	<i>SMCO4</i>	-0.00364749	0.022395292	0.194386982	1
T2DM_admission PP_cell	<i>C11orf54</i>	-0.002217317	0.012497505	0.156611382	1
T2DM_admission PP_cell	<i>CCDC82</i>	-0.001744361	0.011300414	0.152067806	1
T2DM_admission PP_cell	<i>CASP1</i>	-0.022516619	0.000128586	0.021330278	0.481041526
T2DM_admission PP_cell	<i>GRIA4</i>	-0.01747688	0.000231915	0.025517419	0.867592254
T2DM_admission PP_cell	<i>BCO2</i>	-0.007540821	0.020135221	0.185531681	1
T2DM_admission PP_cell	<i>ANKK1</i>	-0.039440821	0.041091813	0.237595785	1
T2DM_admission PP_cell	<i>RNF214</i>	-0.008361899	0.013651916	0.163691726	1
T2DM_admission PP_cell	<i>DSCAML1</i>	-0.013300418	0.048674593	0.249099388	1
T2DM_admission PP_cell	<i>THY1</i>	-0.00486446	0.001790275	0.06259269	1
T2DM_admission PP_cell	<i>TRIM29</i>	-0.021404514	0.048603389	0.249099388	1
T2DM_admission PP_cell	<i>CCDC15</i>	-0.028287571	0.033523983	0.221578129	1
T2DM_admission PP_cell	<i>CHEK1</i>	-0.009976159	0.016293	0.173463038	1
T2DM_admission PP_cell	<i>DDX25</i>	-0.009156352	0.006505909	0.114254138	1
T2DM_admission PP_cell	<i>TMEM45B</i>	-0.002481316	0.010942476	0.150327549	1
T2DM_admission PP_cell	<i>IGSF9B</i>	-0.01211362	0.018332368	0.17717583	1
T2DM_admission PP_cell	<i>GLB1L2</i>	-0.014590659	0.000934415	0.046872968	1
T2DM_admission PP_cell	<i>CCDC77</i>	-0.012005026	0.027501995	0.2075846	1
T2DM_admission PP_cell	<i>TEAD4</i>	-0.005782632	0.004901281	0.102434033	1
T2DM_admission PP_cell	<i>AKAP3</i>	-0.017112916	0.027805766	0.209135745	1
T2DM_admission PP_cell	<i>TAPBP1</i>	-0.006624063	0.001585863	0.059926397	1
T2DM_admission PP_cell	<i>MLF2</i>	-0.001724484	0.005788821	0.108725475	1
T2DM_admission PP_cell	<i>GNB3</i>	-0.008837576	0.048275443	0.249099388	1

T2DM_admission PP_cell	<i>ATN1</i>	-0.003374526	0.045760549	0.242823001	1
T2DM_admission PP_cell	<i>GPRC5A</i>	-0.011552503	0.008433805	0.134832755	1
T2DM_admission PP_cell	<i>GPRC5D</i>	-0.037492993	0.042293709	0.239004176	1
T2DM_admission PP_cell	<i>SMCO3</i>	-0.041690408	0.009657858	0.144720889	1
T2DM_admission PP_cell	<i>RECQL</i>	-0.004087031	0.031009024	0.216204174	1
T2DM_admission PP_cell	<i>C2CD5</i>	-0.003853464	0.034056215	0.223516318	1
T2DM_admission PP_cell	<i>C12orf71</i>	-0.019292635	0.021623129	0.190607249	1
T2DM_admission PP_cell	<i>STK38L</i>	-0.003311985	0.017213096	0.174140372	1
T2DM_admission PP_cell	<i>KLHL42</i>	-0.001967151	0.034934108	0.225712294	1
T2DM_admission PP_cell	<i>CCDC65</i>	-0.011578111	0.035725957	0.226146182	1
T2DM_admission PP_cell	<i>GALNT6</i>	-0.025972893	0.002063456	0.0648688	1
T2DM_admission PP_cell	<i>EIF4B</i>	-0.001421102	0.04426017	0.242823001	1
T2DM_admission PP_cell	<i>METTL7B</i>	-0.018704495	0.013094636	0.160518765	1
T2DM_admission PP_cell	<i>SARNP</i>	-0.003153501	0.02271201	0.19557585	1
T2DM_admission PP_cell	<i>SUOX</i>	-0.012159654	0.00917176	0.141783278	1
T2DM_admission PP_cell	<i>RPS26</i>	0.000434071	0.013129843	0.160518765	1
T2DM_admission PP_cell	<i>XPOT</i>	-0.00361913	0.003698784	0.092866777	1
T2DM_admission PP_cell	<i>TMBIM4</i>	-0.001116203	0.046473243	0.245136362	1
T2DM_admission PP_cell	<i>CEP290</i>	-0.002844826	0.020761237	0.188262161	1
T2DM_admission PP_cell	<i>WSCD2</i>	-0.009473392	0.046807929	0.245288777	1
T2DM_admission PP_cell	<i>CCDC92</i>	-0.002581487	0.009709955	0.144720889	1
T2DM_admission PP_cell	<i>LINC00939</i>	-0.048754435	0.029372158	0.213470191	1
T2DM_admission PP_cell	<i>NOC4L</i>	-0.005707612	0.03270161	0.219822965	1
T2DM_admission PP_cell	<i>FBRSL1</i>	-0.003911371	0.017949146	0.175436428	1
T2DM_admission PP_cell	<i>USP12</i>	-0.002208431	0.044388999	0.242823001	1
T2DM_admission PP_cell	<i>FLT3</i>	-0.031705369	0.009362259	0.143541844	1
T2DM_admission PP_cell	<i>TRPC4</i>	-0.012227336	0.005391404	0.105299475	1
T2DM_admission PP_cell	<i>DLEU1</i>	-0.003699937	0.033311634	0.220878725	1
T2DM_admission PP_cell	<i>DCT</i>	-0.039540463	0.01670757	0.174140372	1
T2DM_admission PP_cell	<i>ABCC4</i>	-0.008655757	0.018375895	0.17717583	1
T2DM_admission PP_cell	<i>UGGT2</i>	-0.002903886	0.013745131	0.163824828	1
T2DM_admission PP_cell	<i>OXGR1</i>	-0.027102131	0.002008853	0.0648688	1
T2DM_admission PP_cell	<i>SLC15A1</i>	-0.013850177	0.002054795	0.0648688	1
T2DM_admission PP_cell	<i>CLYBL</i>	-0.012225241	0.037715326	0.232823886	1
T2DM_admission PP_cell	<i>NALCN</i>	-0.004830584	0.031159626	0.21647909	1
T2DM_admission PP_cell	<i>RAB20</i>	-0.005107079	0.026554248	0.205817751	1
T2DM_admission PP_cell	<i>CARS2</i>	-0.006692936	0.014699172	0.168633905	1
T2DM_admission PP_cell	<i>PROZ</i>	-0.035985123	0.015794913	0.173463038	1
T2DM_admission PP_cell	<i>DCUNID2</i>	-0.007003637	0.019351189	0.181856006	1
T2DM_admission PP_cell	<i>OSGEP</i>	-0.004306192	0.020709979	0.188262161	1
T2DM_admission PP_cell	<i>RPGRIP1</i>	0.040678938	0.014499811	0.168633905	1
T2DM_admission PP_cell	<i>DHRS4L2</i>	-0.003019727	0.045098102	0.242823001	1
T2DM_admission PP_cell	<i>LTB4R</i>	-0.005176596	0.034632764	0.225712294	1
T2DM_admission PP_cell	<i>CBLN3</i>	-0.027411265	0.025405032	0.203848017	1
T2DM_admission PP_cell	<i>STXBP6</i>	-0.001973483	0.04304763	0.240359975	1
T2DM_admission PP_cell	<i>AKAP6</i>	-0.007748158	0.010369679	0.147446748	1
T2DM_admission PP_cell	<i>PYGL</i>	-0.009191024	0.022551032	0.194834666	1
T2DM_admission PP_cell	<i>GPR135</i>	-0.006517013	0.016245644	0.173463038	1
T2DM_admission PP_cell	<i>DHRS7</i>	-0.001450474	0.023480582	0.199638316	1
T2DM_admission PP_cell	<i>RAB15</i>	-0.006454286	0.046194632	0.244124085	1
T2DM_admission PP_cell	<i>TMEM229B</i>	-0.017452712	0.005843211	0.108725475	1
T2DM_admission PP_cell	<i>PTGR2</i>	-0.007967955	0.029076494	0.212968701	1
T2DM_admission PP_cell	<i>ZC2HC1C</i>	-0.004762691	0.015760676	0.173463038	1
T2DM_admission PP_cell	<i>ANGEL1</i>	-0.006254734	0.04327513	0.240974458	1
T2DM_admission PP_cell	<i>TMEM63C</i>	-0.021407818	0.000793663	0.043030349	1
T2DM_admission PP_cell	<i>GSTZ1</i>	-0.00627621	0.014963901	0.170151831	1

T2DM_admission PP_cell	<i>TMED8</i>	0.001334322	0.002849892	0.080768535	1
T2DM_admission PP_cell	<i>GALC</i>	-0.004785288	0.038270518	0.232823886	1
T2DM_admission PP_cell	<i>WDR25</i>	-0.005600879	0.038815438	0.232823886	1
T2DM_admission PP_cell	<i>CKB</i>	-0.001264644	0.003752177	0.093220871	1
T2DM_admission PP_cell	<i>TDRD9</i>	-0.008831076	0.004848989	0.101960428	1
T2DM_admission PP_cell	<i>INF2</i>	-0.006000046	0.035247362	0.225712294	1
T2DM_admission PP_cell	<i>SIVA1</i>	-0.001043237	0.012702253	0.15786969	1
T2DM_admission PP_cell	<i>AKT1</i>	-0.002912667	0.008314872	0.133501866	1
T2DM_admission PP_cell	<i>PWRN1</i>	-0.017416727	0.044807103	0.242823001	1
T2DM_admission PP_cell	<i>GABRA5</i>	-0.014850782	0.033154683	0.220579809	1
T2DM_admission PP_cell	<i>CHRNA7</i>	-0.014357769	0.000167335	0.022357195	0.626001452
T2DM_admission PP_cell	<i>GREM1</i>	-0.003374814	0.004680988	0.101960428	1
T2DM_admission PP_cell	<i>GJD2</i>	-0.004263566	0.031034922	0.216204174	1
T2DM_admission PP_cell	<i>PAK6</i>	-0.004381222	0.023728212	0.201286263	1
T2DM_admission PP_cell	<i>DISP2</i>	-0.011396269	0.004264583	0.098071254	1
T2DM_admission PP_cell	<i>BAHD1</i>	-0.005765267	0.004722062	0.101960428	1
T2DM_admission PP_cell	<i>CHAC1</i>	-0.007758027	0.035476832	0.225712294	1
T2DM_admission PP_cell	<i>LRRC57</i>	-0.00650376	0.004145573	0.098070941	1
T2DM_admission PP_cell	<i>LCMT2</i>	-0.014197923	0.006796586	0.116868152	1
T2DM_admission PP_cell	<i>ADAL</i>	-0.005993133	0.017591563	0.174146284	1
T2DM_admission PP_cell	<i>PPIP5K1</i>	-0.008920426	0.023280773	0.198843314	1
T2DM_admission PP_cell	<i>CKMT1A</i>	-0.012576686	0.011053484	0.150327549	1
T2DM_admission PP_cell	<i>TRIM69</i>	-0.008812688	0.003932002	0.095517012	1
T2DM_admission PP_cell	<i>SLC30A4</i>	-0.005991574	0.006919131	0.117656675	1
T2DM_admission PP_cell	<i>GNB5</i>	-0.00289661	0.035078932	0.225712294	1
T2DM_admission PP_cell	<i>BNIP2</i>	-0.002192413	0.035977185	0.226523623	1
T2DM_admission PP_cell	<i>DAPK2</i>	-0.011331026	0.000689041	0.042257442	1
T2DM_admission PP_cell	<i>TRIP4</i>	0.003938771	0.014740253	0.168633905	1
T2DM_admission PP_cell	<i>PLEKHO2</i>	-0.006073192	0.026556577	0.205817751	1
T2DM_admission PP_cell	<i>IMP3</i>	-0.002284872	0.02162985	0.190607249	1
T2DM_admission PP_cell	<i>PSMA4</i>	-0.00115985	0.043330417	0.240974458	1
T2DM_admission PP_cell	<i>C15orf40</i>	-0.002368304	0.015667041	0.173463038	1
T2DM_admission PP_cell	<i>NMB</i>	-0.00238165	0.04822914	0.249099388	1
T2DM_admission PP_cell	<i>HAPLN3</i>	-0.007001038	0.032065235	0.21865053	1
T2DM_admission PP_cell	<i>WDR93</i>	-0.007850908	0.002817775	0.080467916	1
T2DM_admission PP_cell	<i>SEMA4B</i>	-0.006906512	0.00413706	0.098070941	1
T2DM_admission PP_cell	<i>IQGAP1</i>	-0.001787005	0.017649059	0.174146284	1
T2DM_admission PP_cell	<i>SV2B</i>	0.006580988	0.015391718	0.17343499	1
T2DM_admission PP_cell	<i>LINC00930</i>	-0.036117867	0.028207626	0.210628202	1
T2DM_admission PP_cell	<i>IGF1R</i>	-0.003914198	0.025944727	0.204766296	1
T2DM_admission PP_cell	<i>NPRL3</i>	-0.003512691	0.028986132	0.212968701	1
T2DM_admission PP_cell	<i>LMF1</i>	-0.004784124	0.02703871	0.206423537	1
T2DM_admission PP_cell	<i>BAIAP3</i>	-0.003582219	0.045570705	0.242823001	1
T2DM_admission PP_cell	<i>CLCN7</i>	-0.004751051	0.01108625	0.150327549	1
T2DM_admission PP_cell	<i>TELO2</i>	-0.011338315	0.009682897	0.144720889	1
T2DM_admission PP_cell	<i>SYNGR3</i>	-0.016745935	0.001491782	0.058132866	1
T2DM_admission PP_cell	<i>AMDHD2</i>	-0.009920495	0.017611175	0.174146284	1
T2DM_admission PP_cell	<i>PAM16</i>	-0.002228866	0.03436155	0.224731745	1
T2DM_admission PP_cell	<i>CDIP1</i>	-0.00565087	0.011425403	0.152659794	1
T2DM_admission PP_cell	<i>ATF7IP2</i>	-0.001313148	0.022161159	0.193703028	1
T2DM_admission PP_cell	<i>NPIPA5</i>	-0.025464878	0.008767545	0.138026093	1
T2DM_admission PP_cell	<i>NDE1</i>	-0.006503435	0.002523373	0.072614898	1
T2DM_admission PP_cell	<i>NPIPA7</i>	-0.03202672	0.049611938	0.251829391	1
T2DM_admission PP_cell	<i>KNOP1</i>	-0.003940883	0.024703787	0.203848017	1
T2DM_admission PP_cell	<i>SULT1A1</i>	-0.007085857	0.046890312	0.24533798	1
T2DM_admission PP_cell	<i>RNF40</i>	-0.004525151	0.001666774	0.061131375	1

T2DM_admission PP_cell	<i>HSD3B7</i>	-0.00549323	0.013601167	0.163607603	1
T2DM_admission PP_cell	<i>RBL2</i>	-0.003136518	0.001299257	0.055262964	1
T2DM_admission PP_cell	<i>BBS2</i>	-0.007442139	0.000721892	0.042562006	1
T2DM_admission PP_cell	<i>MMP15</i>	-0.005268924	0.043546069	0.241341992	1
T2DM_admission PP_cell	<i>HSF4</i>	-0.008625782	0.023407576	0.199470941	1
T2DM_admission PP_cell	<i>ZDHHC1</i>	-0.004019588	0.040103238	0.236634407	1
T2DM_admission PP_cell	<i>PARD6A</i>	-0.003265588	0.032617045	0.219822965	1
T2DM_admission PP_cell	<i>SMPD3</i>	-0.011248498	0.017037726	0.174140372	1
T2DM_admission PP_cell	<i>TMED6</i>	-0.002606376	0.049298495	0.250919277	1
T2DM_admission PP_cell	<i>CYB5B</i>	-0.001897641	0.029222458	0.213470191	1
T2DM_admission PP_cell	<i>DHODH</i>	-0.01066026	0.026755304	0.206047605	1
T2DM_admission PP_cell	<i>TMEM231</i>	-0.004717115	0.041833215	0.238376124	1
T2DM_admission PP_cell	<i>SYCE1L</i>	-0.006461102	0.040868094	0.237403014	1
T2DM_admission PP_cell	<i>MPHOSPH6</i>	-0.002133483	0.0163163	0.173463038	1
T2DM_admission PP_cell	<i>GALNS</i>	-0.007703083	0.010084648	0.146796368	1
T2DM_admission PP_cell	<i>FANCA</i>	-0.0137883	0.000752523	0.042562006	1
T2DM_admission PP_cell	<i>SPIRE2</i>	-0.009436282	0.003392698	0.086340714	1
T2DM_admission PP_cell	<i>DEF8</i>	-0.001307782	0.008498493	0.135288778	1
T2DM_admission PP_cell	<i>CAMTA2</i>	-0.003419676	0.033991414	0.223483095	1
T2DM_admission PP_cell	<i>SCIMP</i>	-0.024140873	0.041759303	0.238376124	1
T2DM_admission PP_cell	<i>ATP1B2</i>	-0.012894439	0.016358042	0.173463038	1
T2DM_admission PP_cell	<i>MYH3</i>	-0.009224812	0.010046767	0.146796368	1
T2DM_admission PP_cell	<i>TRIM16</i>	-0.006065369	0.0011434	0.052164119	1
T2DM_admission PP_cell	<i>POLDIP2</i>	-0.003308486	0.025028184	0.203848017	1
T2DM_admission PP_cell	<i>PROCA1</i>	-0.016454894	0.043699257	0.24183272	1
T2DM_admission PP_cell	<i>RHBDL3</i>	0.023291351	0.001938031	0.064160821	1
T2DM_admission PP_cell	<i>TMEM98</i>	-0.006842198	0.003047477	0.082205143	1
T2DM_admission PP_cell	<i>TADA2A</i>	-0.006887293	0.038712366	0.232823886	1
T2DM_admission PP_cell	<i>DUSP14</i>	-0.004155624	0.030004214	0.213541635	1
T2DM_admission PP_cell	<i>SYNRG</i>	-0.003371978	0.015331005	0.17327278	1
T2DM_admission PP_cell	<i>PIP4K2B</i>	-0.007677694	0.032233038	0.218845367	1
T2DM_admission PP_cell	<i>ARL5C</i>	-0.006756694	0.003238289	0.085856067	1
T2DM_admission PP_cell	<i>KRT40</i>	-0.051992489	0.012371452	0.156611382	1
T2DM_admission PP_cell	<i>NAGLU</i>	-0.003418042	0.011201079	0.15127522	1
T2DM_admission PP_cell	<i>WNK4</i>	-0.011468296	0.00742522	0.122910383	1
T2DM_admission PP_cell	<i>MEOX1</i>	-0.026195256	0.027506384	0.2075846	1
T2DM_admission PP_cell	<i>ACBD4</i>	-0.007491266	0.009645573	0.144720889	1
T2DM_admission PP_cell	<i>ARL17B</i>	-0.009101762	0.042695762	0.239851268	1
T2DM_admission PP_cell	<i>GNGT2</i>	-0.040401253	0.038516516	0.232823886	1
T2DM_admission PP_cell	<i>SGCA</i>	-0.013153051	0.000811884	0.043389401	1
T2DM_admission PP_cell	<i>SPATA20</i>	-0.004926481	0.005742478	0.108725475	1
T2DM_admission PP_cell	<i>MED13</i>	-0.002408303	0.025317372	0.203848017	1
T2DM_admission PP_cell	<i>MAP3K3</i>	-0.001969031	0.016460673	0.173463038	1
T2DM_admission PP_cell	<i>TEX2</i>	-0.006439578	0.030585266	0.215153024	1
T2DM_admission PP_cell	<i>MILR1</i>	0.013920136	0.002302731	0.06836917	1
T2DM_admission PP_cell	<i>WIP1I</i>	0.002263259	0.010291327	0.147446748	1
T2DM_admission PP_cell	<i>NUP85</i>	0.005941767	0.003060014	0.082205143	1
T2DM_admission PP_cell	<i>MRPS7</i>	-0.002435402	0.0137506	0.163824828	1
T2DM_admission PP_cell	<i>ITGB4</i>	0.018289679	0.017017245	0.174140372	1
T2DM_admission PP_cell	<i>TRIM65</i>	-0.006620402	0.041027677	0.237592168	1
T2DM_admission PP_cell	<i>SYNGR2</i>	-0.001517994	0.047245095	0.246370895	1
T2DM_admission PP_cell	<i>USP36</i>	-0.002411049	0.016005792	0.173463038	1
T2DM_admission PP_cell	<i>CCDC40</i>	-0.009943606	0.004690536	0.101960428	1
T2DM_admission PP_cell	<i>GAA</i>	-0.003216767	0.030829073	0.215573011	1
T2DM_admission PP_cell	<i>CCDC57</i>	-0.004737597	0.007590197	0.123995316	1
T2DM_admission PP_cell	<i>TWSG1</i>	-0.004480093	0.045652497	0.242823001	1

T2DM_admission PP_cell	<i>GNAL</i>	-0.004938128	0.045450348	0.242823001	1
T2DM_admission PP_cell	<i>POTEC</i>	-0.020250413	0.022741378	0.19557585	1
T2DM_admission PP_cell	<i>RPRD1A</i>	-0.001960903	0.049938665	0.251843221	1
T2DM_admission PP_cell	<i>MRO</i>	-0.021185904	0.033124099	0.220579809	1
T2DM_admission PP_cell	<i>TNFRSF11A</i>	-0.005234106	0.021608052	0.190607249	1
T2DM_admission PP_cell	<i>TIMM21</i>	-0.00867933	0.017144175	0.174140372	1
T2DM_admission PP_cell	<i>CNDP1</i>	-0.022288119	0.016384897	0.173463038	1
T2DM_admission PP_cell	<i>NFATC1</i>	-0.006228968	0.005437752	0.105308612	1
T2DM_admission PP_cell	<i>TXNL4A</i>	0.001272662	0.029416107	0.213470191	1
T2DM_admission PP_cell	<i>SHC2</i>	-0.006014459	4.90E-05	0.013081545	0.183141636
T2DM_admission PP_cell	<i>GRIN3B</i>	-0.02186879	0.045329906	0.242823001	1
T2DM_admission PP_cell	<i>ABCA7</i>	-0.012000267	0.007103184	0.119235425	1
T2DM_admission PP_cell	<i>SH3GL1</i>	-0.002916203	0.01450473	0.168633905	1
T2DM_admission PP_cell	<i>UBXN6</i>	-0.004201711	1.08E-06	0.002018705	0.004037411
T2DM_admission PP_cell	<i>KDM4B</i>	-0.004260505	0.046176252	0.244124085	1
T2DM_admission PP_cell	<i>FUT6</i>	-0.020292656	0.018067987	0.175863006	1
T2DM_admission PP_cell	<i>FCER2</i>	-0.003557674	0.040582107	0.236845027	1
T2DM_admission PP_cell	<i>EV15L</i>	-0.010742219	0.006617107	0.114604614	1
T2DM_admission PP_cell	<i>ZNF317</i>	-0.005533389	0.044332227	0.242823001	1
T2DM_admission PP_cell	<i>OR7D2</i>	-0.033477617	0.032450649	0.219822965	1
T2DM_admission PP_cell	<i>P2RY11</i>	-0.009150216	0.007059832	0.119235425	1
T2DM_admission PP_cell	<i>RGL3</i>	-0.006814087	8.15E-06	0.006097199	0.030485993
T2DM_admission PP_cell	<i>ZNF763</i>	-0.007034559	0.025511082	0.203848017	1
T2DM_admission PP_cell	<i>ZNF490</i>	-0.00742699	0.014568	0.168633905	1
T2DM_admission PP_cell	<i>MRI1</i>	-0.009478552	0.007258721	0.120688343	1
T2DM_admission PP_cell	<i>IL27RA</i>	-0.005805874	0.033196053	0.220579809	1
T2DM_admission PP_cell	<i>PALM3</i>	-0.007342656	0.042656486	0.239851268	1
T2DM_admission PP_cell	<i>SLC1A6</i>	-0.059586902	0.001121774	0.051809318	1
T2DM_admission PP_cell	<i>ANO8</i>	-0.018360175	0.016714307	0.174140372	1
T2DM_admission PP_cell	<i>PIK3R2</i>	-0.003715021	0.019483075	0.182215461	1
T2DM_admission PP_cell	<i>ZNF100</i>	-0.004832797	5.96E-05	0.013116948	0.222988116
T2DM_admission PP_cell	<i>ZNF254</i>	-0.002584132	0.037087963	0.230750268	1
T2DM_admission PP_cell	<i>PDCD5</i>	-0.001648662	0.032841574	0.220179798	1
T2DM_admission PP_cell	<i>GPATCH1</i>	-0.007830004	0.003044869	0.082205143	1
T2DM_admission PP_cell	<i>ZNF181</i>	-0.005336327	0.043350925	0.240974458	1
T2DM_admission PP_cell	<i>LGI4</i>	-0.021664309	0.001736919	0.061670992	1
T2DM_admission PP_cell	<i>MAG</i>	-0.030941068	0.015879764	0.173463038	1
T2DM_admission PP_cell	<i>CD22</i>	-0.016199988	0.00681381	0.116868152	1
T2DM_admission PP_cell	<i>LINC00665</i>	-0.004605624	0.000194611	0.024267935	0.728038044
T2DM_admission PP_cell	<i>ZNF260</i>	-0.008000845	0.000776405	0.04271369	1
T2DM_admission PP_cell	<i>ZNF382</i>	-0.017880167	2.48E-05	0.008430526	0.092735782
T2DM_admission PP_cell	<i>ZNF567</i>	-0.004870095	0.032657496	0.219822965	1
T2DM_admission PP_cell	<i>ZNF568</i>	-0.006676816	0.002020034	0.0648688	1
T2DM_admission PP_cell	<i>ZNF527</i>	-0.019112897	0.001888964	0.063649685	1
T2DM_admission PP_cell	<i>FBXO17</i>	-0.003191492	0.024618136	0.203848017	1
T2DM_admission PP_cell	<i>ITPKC</i>	0.003530204	0.005540076	0.106229524	1
T2DM_admission PP_cell	<i>C19orf54</i>	-0.025770523	0.009424323	0.143903637	1
T2DM_admission PP_cell	<i>BCKDHA</i>	-0.006426648	0.01462261	0.168633905	1
T2DM_admission PP_cell	<i>CEACAM21</i>	-0.065476067	0.004187583	0.098070941	1
T2DM_admission PP_cell	<i>CXCL17</i>	0.018455666	0.000226774	0.025517419	0.848361792
T2DM_admission PP_cell	<i>XRCC1</i>	-0.00744753	0.04481221	0.242823001	1
T2DM_admission PP_cell	<i>ZNF285</i>	-0.012058058	0.012304412	0.156611382	1
T2DM_admission PP_cell	<i>ZNF229</i>	-0.004295604	0.012142262	0.156611382	1
T2DM_admission PP_cell	<i>BCAM</i>	-0.001073351	0.049802087	0.251843221	1
T2DM_admission PP_cell	<i>ERCC2</i>	-0.01407151	0.012783572	0.15786969	1
T2DM_admission PP_cell	<i>GIPR</i>	-0.009996138	0.00249263	0.072286277	1

T2DM_admission PP_cell	<i>CCDC8</i>	-0.008372778	0.044477545	0.242823001	1
T2DM_admission PP_cell	<i>LIN7B</i>	-0.004174356	0.027927614	0.209135745	1
T2DM_admission PP_cell	<i>PRR12</i>	-0.005574023	0.024903257	0.203848017	1
T2DM_admission PP_cell	<i>SIGLEC11</i>	-0.064079133	0.000672039	0.041901603	1
T2DM_admission PP_cell	<i>ZNF432</i>	-0.00413329	0.029395667	0.213470191	1
T2DM_admission PP_cell	<i>ZNF880</i>	-0.003872266	0.000831471	0.0438103	1
T2DM_admission PP_cell	<i>ZNF528</i>	-0.004752009	0.016423366	0.173463038	1
T2DM_admission PP_cell	<i>ZNF816</i>	-0.005393344	0.021240735	0.19001591	1
T2DM_admission PP_cell	<i>LILRB3</i>	-0.023367758	0.000762271	0.042562006	1
T2DM_admission PP_cell	<i>DNAAF3</i>	-0.009195257	0.005103554	0.104330033	1
T2DM_admission PP_cell	<i>SSC5D</i>	-0.008249605	0.013525552	0.163607603	1
T2DM_admission PP_cell	<i>ZNF471</i>	-0.007538796	0.039990722	0.236634407	1
T2DM_admission PP_cell	<i>ZNF154</i>	-0.008715545	0.041955807	0.238479772	1
T2DM_admission PP_cell	<i>SIRPB1</i>	-0.05065706	0.012308462	0.156611382	1
T2DM_admission PP_cell	<i>MRPS26</i>	-0.001236591	0.030653986	0.215153024	1
T2DM_admission PP_cell	<i>ITPA</i>	-0.002945098	0.0212308	0.19001591	1
T2DM_admission PP_cell	<i>TMEM230</i>	-0.001388305	0.01742404	0.174146284	1
T2DM_admission PP_cell	<i>MGME1</i>	-0.012667266	0.006310991	0.111892972	1
T2DM_admission PP_cell	<i>CST2</i>	-0.009956974	0.025322356	0.203848017	1
T2DM_admission PP_cell	<i>VSX1</i>	-0.031545604	0.032087448	0.21865053	1
T2DM_admission PP_cell	<i>ABHD12</i>	-0.003218169	0.003351667	0.086309285	1
T2DM_admission PP_cell	<i>CHMP4B</i>	0.000741914	0.036028216	0.226523623	1
T2DM_admission PP_cell	<i>MYH7B</i>	-0.026127279	0.022007013	0.192806173	1
T2DM_admission PP_cell	<i>CPNE1</i>	-0.002976358	0.047052807	0.245844344	1
T2DM_admission PP_cell	<i>DSN1</i>	-0.006471583	0.045710978	0.242823001	1
T2DM_admission PP_cell	<i>MROH8</i>	-0.006933233	0.018705103	0.178966215	1
T2DM_admission PP_cell	<i>MANBAL</i>	-0.002262653	0.002042727	0.0648688	1
T2DM_admission PP_cell	<i>TTI1</i>	-0.004722623	0.000665919	0.041901603	1
T2DM_admission PP_cell	<i>LPIN3</i>	-0.009420599	0.006447411	0.113772482	1
T2DM_admission PP_cell	<i>KCNK15</i>	-0.0131842	0.021460248	0.190607249	1
T2DM_admission PP_cell	<i>PABPC1L</i>	-0.013693628	0.002394709	0.069989117	1
T2DM_admission PP_cell	<i>WFDC3</i>	-0.040093336	0.019396029	0.181856006	1
T2DM_admission PP_cell	<i>DNTTIP1</i>	-0.003621071	0.031364286	0.216596608	1
T2DM_admission PP_cell	<i>SNX21</i>	-0.006773367	0.013893806	0.164673455	1
T2DM_admission PP_cell	<i>ZSWIM1</i>	-0.00932305	0.029586534	0.213470191	1
T2DM_admission PP_cell	<i>ARFGEF2</i>	-0.003526402	0.026947508	0.206423537	1
T2DM_admission PP_cell	<i>ATP9A</i>	-0.003260829	0.018617699	0.1785867	1
T2DM_admission PP_cell	<i>VAPB</i>	-0.001922405	0.010496849	0.147922331	1
T2DM_admission PP_cell	<i>YTHDF1</i>	-0.001775727	0.037238344	0.230750268	1
T2DM_admission PP_cell	<i>ADAMTS5</i>	-0.007595094	0.029822536	0.213470191	1
T2DM_admission PP_cell	<i>LTN1</i>	-0.003073143	0.040435771	0.236845027	1
T2DM_admission PP_cell	<i>IL10RB</i>	-0.004797696	0.011961586	0.155726208	1
T2DM_admission PP_cell	<i>IFNAR1</i>	-0.002459486	0.02534563	0.203848017	1
T2DM_admission PP_cell	<i>TMEM50B</i>	-0.00241341	0.007846289	0.126521413	1
T2DM_admission PP_cell	<i>SETD4</i>	-0.006384586	0.000948906	0.046872968	1
T2DM_admission PP_cell	<i>PIGP</i>	-0.002683354	0.041347804	0.237972513	1
T2DM_admission PP_cell	<i>LCA5L</i>	-0.012473555	0.000224661	0.025517419	0.840455927
T2DM_admission PP_cell	<i>SLC37A1</i>	-0.004444763	0.038302082	0.232823886	1
T2DM_admission PP_cell	<i>HSF2BP</i>	-0.024095224	0.042178501	0.238713726	1
T2DM_admission PP_cell	<i>LINC00205</i>	-0.012144532	0.0109567	0.150327549	1
T2DM_admission PP_cell	<i>PCBP3</i>	-0.005585451	0.008781131	0.138026093	1
T2DM_admission PP_cell	<i>LSS</i>	-0.004860438	0.031190118	0.21647909	1
T2DM_admission PP_cell	<i>LINC00528</i>	-0.02417122	0.011090422	0.150327549	1
T2DM_admission PP_cell	<i>LINC00896</i>	-0.033974047	0.028927625	0.212968701	1
T2DM_admission PP_cell	<i>HPS4</i>	-0.00203777	0.02988917	0.213470191	1
T2DM_admission PP_cell	<i>HSCB</i>	-0.010820358	8.11E-05	0.016857178	0.303429213

T2DM_admission	PP_cell	<i>XBPI</i>	-0.001518979	0.019616501	0.182550576	1
T2DM_admission	PP_cell	<i>UQCRI0</i>	-0.000683046	0.04863377	0.249099388	1
T2DM_admission	PP_cell	<i>DUSP18</i>	-0.006520767	0.000593969	0.040839241	1
T2DM_admission	PP_cell	<i>SFII</i>	-0.008801654	0.010839903	0.150327549	1
T2DM_admission	PP_cell	<i>PVALB</i>	-0.06636107	0.033640699	0.221957415	1
T2DM_admission	PP_cell	<i>FAM83F</i>	-0.002185015	0.042009669	0.238479772	1
T2DM_admission	PP_cell	<i>RRP7A</i>	-0.003926565	0.011090725	0.150327549	1
T2DM_admission	PP_cell	<i>RIBC2</i>	-0.043727741	0.01210518	0.156611382	1
T2DM_admission	PP_cell	<i>PKDREJ</i>	-0.046968278	0.001361453	0.05582094	1
T2DM_admission	PP_cell	<i>CELSR1</i>	-0.02730249	0.004226159	0.098071254	1
T2DM_admission	PP_cell	<i>GRAMD4</i>	-0.008922136	0.001471758	0.058006078	1
T2DM_insulin	acinar_cell	<i>CEP104</i>	0.001587107	0.028514405	0.91158478	1
T2DM_insulin	acinar_cell	<i>NECAP2</i>	-0.001115636	0.002074808	0.91158478	1
T2DM_insulin	acinar_cell	<i>KLHDC7A</i>	-0.005057381	0.02983439	0.91158478	1
T2DM_insulin	acinar_cell	<i>CDA</i>	0.004825482	0.036152207	0.91158478	1
T2DM_insulin	acinar_cell	<i>A3GALT2</i>	0.015895596	0.043356363	0.91158478	1
T2DM_insulin	acinar_cell	<i>NDUFS5</i>	0.000303735	0.041813228	0.91158478	1
T2DM_insulin	acinar_cell	<i>PRKACB</i>	0.000750828	0.028894528	0.91158478	1
T2DM_insulin	acinar_cell	<i>PALMD</i>	0.003022935	0.001385555	0.91158478	1
T2DM_insulin	acinar_cell	<i>LRRC39</i>	-0.003215703	0.041027999	0.91158478	1
T2DM_insulin	acinar_cell	<i>PTPN22</i>	0.005533799	0.043769772	0.91158478	1
T2DM_insulin	acinar_cell	<i>ATPIA1</i>	0.000476125	0.045360223	0.91158478	1
T2DM_insulin	acinar_cell	<i>NUDT17</i>	0.001854494	0.04922681	0.91158478	1
T2DM_insulin	acinar_cell	<i>SI00A1</i>	0.003645413	0.005793187	0.91158478	1
T2DM_insulin	acinar_cell	<i>PEA15</i>	0.001155672	0.006810413	0.91158478	1
T2DM_insulin	acinar_cell	<i>TTC32</i>	0.000409209	0.044074058	0.91158478	1
T2DM_insulin	acinar_cell	<i>KRTCAP3</i>	-0.000786871	0.047022988	0.91158478	1
T2DM_insulin	acinar_cell	<i>RASGRP3</i>	0.002450554	0.026563819	0.91158478	1
T2DM_insulin	acinar_cell	<i>CLEC4F</i>	0.011369042	0.026942626	0.91158478	1
T2DM_insulin	acinar_cell	<i>DNAH6</i>	0.002422029	0.048726668	0.91158478	1
T2DM_insulin	acinar_cell	<i>POLR1B</i>	0.001451414	0.04490881	0.91158478	1
T2DM_insulin	acinar_cell	<i>CHCHD5</i>	-0.000991162	0.00382912	0.91158478	1
T2DM_insulin	acinar_cell	<i>ACVR2A</i>	0.001158788	0.042697085	0.91158478	1
T2DM_insulin	acinar_cell	<i>LYPD6</i>	0.011290698	0.024918334	0.91158478	1
T2DM_insulin	acinar_cell	<i>TANC1</i>	0.00271069	0.006920155	0.91158478	1
T2DM_insulin	acinar_cell	<i>ANO7</i>	0.008226402	0.040151105	0.91158478	1
T2DM_insulin	acinar_cell	<i>THUMPD3</i>	0.000920242	0.012853772	0.91158478	1
T2DM_insulin	acinar_cell	<i>NCKIPSD</i>	0.002416413	0.011051137	0.91158478	1
T2DM_insulin	acinar_cell	<i>ARIH2</i>	0.001053768	0.003631478	0.91158478	1
T2DM_insulin	acinar_cell	<i>P4HTM</i>	0.000604135	0.019880089	0.91158478	1
T2DM_insulin	acinar_cell	<i>DALRD3</i>	0.002257397	0.046762236	0.91158478	1
T2DM_insulin	acinar_cell	<i>HYAL3</i>	0.005490586	0.038168141	0.91158478	1
T2DM_insulin	acinar_cell	<i>TKT</i>	0.000295189	0.041991088	0.91158478	1
T2DM_insulin	acinar_cell	<i>EPHA3</i>	0.004769599	0.034387364	0.91158478	1
T2DM_insulin	acinar_cell	<i>TMEM45A</i>	0.00183494	0.031191758	0.91158478	1
T2DM_insulin	acinar_cell	<i>ALGIL</i>	0.005117272	0.038625738	0.91158478	1
T2DM_insulin	acinar_cell	<i>MUC20</i>	0.001008091	0.038642524	0.91158478	1
T2DM_insulin	acinar_cell	<i>PIGZ</i>	-0.002204814	0.037156421	0.91158478	1
T2DM_insulin	acinar_cell	<i>SLC2A9</i>	-0.003549682	0.018802848	0.91158478	1
T2DM_insulin	acinar_cell	<i>SRP72</i>	-0.000433057	0.008472455	0.91158478	1
T2DM_insulin	acinar_cell	<i>NPR3</i>	0.002493838	0.0475847	0.91158478	1
T2DM_insulin	acinar_cell	<i>NSA2</i>	-0.000307936	0.014028753	0.91158478	1
T2DM_insulin	acinar_cell	<i>MSH3</i>	0.001953931	0.041028585	0.91158478	1
T2DM_insulin	acinar_cell	<i>CAST</i>	0.000350573	0.001862104	0.91158478	1
T2DM_insulin	acinar_cell	<i>KLHL3</i>	0.001384238	0.007958767	0.91158478	1
T2DM_insulin	acinar_cell	<i>PROB1</i>	0.00602294	0.048647973	0.91158478	1

T2DM_insulin	acinar_cell	<i>ATP10B</i>	0.008455094	0.016050491	0.91158478	1
T2DM_insulin	acinar_cell	<i>GMPR</i>	0.002420618	0.002862593	0.91158478	1
T2DM_insulin	acinar_cell	<i>BTN2A2</i>	0.004714327	0.035213538	0.91158478	1
T2DM_insulin	acinar_cell	<i>ZKSCAN3</i>	0.006170546	0.03314607	0.91158478	1
T2DM_insulin	acinar_cell	<i>ABCF1</i>	0.000839093	0.048333345	0.91158478	1
T2DM_insulin	acinar_cell	<i>VAR52</i>	0.002715422	0.035091573	0.91158478	1
T2DM_insulin	acinar_cell	<i>TCF19</i>	0.006832241	0.022760572	0.91158478	1
T2DM_insulin	acinar_cell	<i>KIF6</i>	0.009365109	0.03086749	0.91158478	1
T2DM_insulin	acinar_cell	<i>BCKDHB</i>	0.001466547	0.040562272	0.91158478	1
T2DM_insulin	acinar_cell	<i>PKIB</i>	-0.000550784	0.04860803	0.91158478	1
T2DM_insulin	acinar_cell	<i>TULP4</i>	0.000858987	0.017085764	0.91158478	1
T2DM_insulin	acinar_cell	<i>FNDC1</i>	0.006375117	0.033969698	0.91158478	1
T2DM_insulin	acinar_cell	<i>MRPL18</i>	0.000756614	0.002608266	0.91158478	1
T2DM_insulin	acinar_cell	<i>JAZF1</i>	0.001461464	0.047526581	0.91158478	1
T2DM_insulin	acinar_cell	<i>ZNF107</i>	-0.002717847	0.011867104	0.91158478	1
T2DM_insulin	acinar_cell	<i>POM121</i>	0.001716547	0.016100179	0.91158478	1
T2DM_insulin	acinar_cell	<i>CADPS2</i>	0.001717319	0.029514531	0.91158478	1
T2DM_insulin	acinar_cell	<i>ZNF783</i>	0.001782533	0.03458454	0.91158478	1
T2DM_insulin	acinar_cell	<i>SMIM19</i>	0.000724118	0.023628125	0.91158478	1
T2DM_insulin	acinar_cell	<i>SMU1</i>	0.001411602	0.048043228	0.91158478	1
T2DM_insulin	acinar_cell	<i>UGCG</i>	0.000917177	0.009072788	0.91158478	1
T2DM_insulin	acinar_cell	<i>ALAD</i>	0.003430696	0.026994218	0.91158478	1
T2DM_insulin	acinar_cell	<i>NEK6</i>	0.002634867	0.037535418	0.91158478	1
T2DM_insulin	acinar_cell	<i>DBH</i>	0.001087808	0.011315671	0.91158478	1
T2DM_insulin	acinar_cell	<i>SEC16A</i>	0.001154715	0.042603915	0.91158478	1
T2DM_insulin	acinar_cell	<i>MCM10</i>	0.00641112	0.005746264	0.91158478	1
T2DM_insulin	acinar_cell	<i>TMEM236</i>	0.002469463	0.024993669	0.91158478	1
T2DM_insulin	acinar_cell	<i>FFAR4</i>	0.002006144	0.04483984	0.91158478	1
T2DM_insulin	acinar_cell	<i>IFITM3</i>	0.000350119	0.015576586	0.91158478	1
T2DM_insulin	acinar_cell	<i>ZNF143</i>	0.002333218	0.026009454	0.91158478	1
T2DM_insulin	acinar_cell	<i>DPP3</i>	0.00195683	0.026879479	0.91158478	1
T2DM_insulin	acinar_cell	<i>IGHMBP2</i>	0.001843159	0.017815406	0.91158478	1
T2DM_insulin	acinar_cell	<i>NAALAD2</i>	0.012873554	0.018713828	0.91158478	1
T2DM_insulin	acinar_cell	<i>OAF</i>	0.00103355	0.029330255	0.91158478	1
T2DM_insulin	acinar_cell	<i>KCNJ5</i>	0.003937243	0.041144361	0.91158478	1
T2DM_insulin	acinar_cell	<i>IGSF9B</i>	0.005196748	0.011138291	0.91158478	1
T2DM_insulin	acinar_cell	<i>LRRC23</i>	0.001079015	0.011773163	0.91158478	1
T2DM_insulin	acinar_cell	<i>MRPS35</i>	0.000733618	0.040074451	0.91158478	1
T2DM_insulin	acinar_cell	<i>METTL7B</i>	0.006389449	0.031138773	0.91158478	1
T2DM_insulin	acinar_cell	<i>PLXNC1</i>	0.002652807	0.020273195	0.91158478	1
T2DM_insulin	acinar_cell	<i>PRDM4</i>	0.001272175	0.000305539	0.571509958	1
T2DM_insulin	acinar_cell	<i>ATP12A</i>	-0.009170455	0.007605365	0.91158478	1
T2DM_insulin	acinar_cell	<i>OLFM4</i>	0.000729209	0.02691636	0.91158478	1
T2DM_insulin	acinar_cell	<i>RPGRIP1</i>	0.013134695	0.047100966	0.91158478	1
T2DM_insulin	acinar_cell	<i>HAUS4</i>	0.001832728	0.024236944	0.91158478	1
T2DM_insulin	acinar_cell	<i>TSSK4</i>	0.032803774	0.000719099	0.896716916	1
T2DM_insulin	acinar_cell	<i>LTBR</i>	0.001924384	0.047743816	0.91158478	1
T2DM_insulin	acinar_cell	<i>ESRRB</i>	0.013735021	0.020706579	0.91158478	1
T2DM_insulin	acinar_cell	<i>CPSF2</i>	0.001667953	0.033622423	0.91158478	1
T2DM_insulin	acinar_cell	<i>GSKIP</i>	0.001517777	0.029865178	0.91158478	1
T2DM_insulin	acinar_cell	<i>BCL11B</i>	-0.00376802	0.042323226	0.91158478	1
T2DM_insulin	acinar_cell	<i>CEP170B</i>	-0.000937175	0.044049711	0.91158478	1
T2DM_insulin	acinar_cell	<i>KNSTRN</i>	-0.002360401	0.029724716	0.91158478	1
T2DM_insulin	acinar_cell	<i>BNIP2</i>	0.000869504	0.036327121	0.91158478	1
T2DM_insulin	acinar_cell	<i>POLG</i>	0.001113856	0.037670331	0.91158478	1
T2DM_insulin	acinar_cell	<i>RCCD1</i>	0.002657107	0.03762409	0.91158478	1

T2DM_insulin	acinar_cell	<i>LRRK1</i>	0.002227359	0.016805278	0.91158478	1
T2DM_insulin	acinar_cell	<i>CCDC78</i>	0.010312629	0.001187086	0.91158478	1
T2DM_insulin	acinar_cell	<i>HAGH</i>	0.001272598	0.005575088	0.91158478	1
T2DM_insulin	acinar_cell	<i>FAHD1</i>	0.003351492	7.41E-05	0.277235588	0.277235588
T2DM_insulin	acinar_cell	<i>NMRAL1</i>	0.001504903	0.019118158	0.91158478	1
T2DM_insulin	acinar_cell	<i>DCTN5</i>	0.002107234	0.007767238	0.91158478	1
T2DM_insulin	acinar_cell	<i>BBS2</i>	0.00199955	0.022483449	0.91158478	1
T2DM_insulin	acinar_cell	<i>INPP5K</i>	0.002359325	0.027281805	0.91158478	1
T2DM_insulin	acinar_cell	<i>RHBDL3</i>	0.006294054	0.035023022	0.91158478	1
T2DM_insulin	acinar_cell	<i>NMT1</i>	0.00062636	0.007923629	0.91158478	1
T2DM_insulin	acinar_cell	<i>PRR15L</i>	0.002715723	0.014743691	0.91158478	1
T2DM_insulin	acinar_cell	<i>MILR1</i>	0.003865468	0.031997764	0.91158478	1
T2DM_insulin	acinar_cell	<i>ABCA5</i>	0.001057362	0.013634649	0.91158478	1
T2DM_insulin	acinar_cell	<i>LAMA1</i>	0.006971965	0.032550844	0.91158478	1
T2DM_insulin	acinar_cell	<i>TWSG1</i>	0.001844363	0.038948731	0.91158478	1
T2DM_insulin	acinar_cell	<i>MAPRE2</i>	0.002108007	0.007860123	0.91158478	1
T2DM_insulin	acinar_cell	<i>CNDP1</i>	0.007544704	0.040541101	0.91158478	1
T2DM_insulin	acinar_cell	<i>MRPL54</i>	0.000797144	0.001924534	0.91158478	1
T2DM_insulin	acinar_cell	<i>SLC25A41</i>	0.013841028	0.011656545	0.91158478	1
T2DM_insulin	acinar_cell	<i>ZNF682</i>	0.002125174	0.016722467	0.91158478	1
T2DM_insulin	acinar_cell	<i>ZNF429</i>	0.001342183	0.023034037	0.91158478	1
T2DM_insulin	acinar_cell	<i>U2AF1L4</i>	0.002474695	0.043471345	0.91158478	1
T2DM_insulin	acinar_cell	<i>CATSPERG</i>	0.006938476	0.04390648	0.91158478	1
T2DM_insulin	acinar_cell	<i>RAB4B</i>	0.002076927	0.026908639	0.91158478	1
T2DM_insulin	acinar_cell	<i>BCKDHA</i>	0.002125041	0.041287977	0.91158478	1
T2DM_insulin	acinar_cell	<i>PSG4</i>	0.006035016	0.03545824	0.91158478	1
T2DM_insulin	acinar_cell	<i>ZNF880</i>	0.000972611	0.034361687	0.91158478	1
T2DM_insulin	acinar_cell	<i>NLRP2</i>	0.005281081	0.012296871	0.91158478	1
T2DM_insulin	acinar_cell	<i>SPTLC3</i>	0.008806578	0.035628345	0.91158478	1
T2DM_insulin	acinar_cell	<i>CST2</i>	0.003703546	0.036099947	0.91158478	1
T2DM_insulin	acinar_cell	<i>MANBAL</i>	0.000688665	0.018353753	0.91158478	1
T2DM_insulin	acinar_cell	<i>ARFGEF2</i>	0.001470714	0.020190827	0.91158478	1
T2DM_insulin	acinar_cell	<i>OGFR</i>	0.001203767	0.044371487	0.91158478	1
T2DM_insulin	acinar_cell	<i>ADAMTS5</i>	0.004117558	0.002964824	0.91158478	1
T2DM_insulin	acinar_cell	<i>SETD4</i>	0.001992393	0.009656024	0.91158478	1
T2DM_insulin	acinar_cell	<i>SLC2A11</i>	0.004196789	0.003561578	0.91158478	1
T2DM_insulin	acinar_cell	<i>RBFOX2</i>	0.000452183	0.036586006	0.91158478	1
T2DM_insulin	acinar_cell	<i>APOL4</i>	0.007080545	0.012950584	0.91158478	1
T2DM_insulin	acinar_cell	<i>FOXRED2</i>	0.003081118	0.004051465	0.91158478	1
T2DM_insulin	acinar_cell	<i>CSDC2</i>	0.011138183	0.012260771	0.91158478	1
T2DM_insulin	acinar_cell	<i>TTLL12</i>	-0.001898602	0.020733743	0.91158478	1
T2DM_insulin	acinar_cell	<i>MIOX</i>	0.006314248	0.016796271	0.91158478	1
T2DM_insulin	alpha_cell	<i>CDA</i>	0.00487465	0.034525144	0.995648712	1
T2DM_insulin	alpha_cell	<i>XKR8</i>	0.00187175	0.036152785	0.995648712	1
T2DM_insulin	alpha_cell	<i>SF3A3</i>	0.001492351	0.019977851	0.995648712	1
T2DM_insulin	alpha_cell	<i>FHL3</i>	0.003049386	0.000181196	0.338927024	0.677854047
T2DM_insulin	alpha_cell	<i>LURAP1</i>	0.0065188	0.035446732	0.995648712	1
T2DM_insulin	alpha_cell	<i>EPSI5</i>	-0.000859765	0.032148381	0.995648712	1
T2DM_insulin	alpha_cell	<i>PRPF38A</i>	0.000595617	0.036515574	0.995648712	1
T2DM_insulin	alpha_cell	<i>GPX7</i>	0.001726782	0.044600992	0.995648712	1
T2DM_insulin	alpha_cell	<i>TNNI3K</i>	0.011393814	0.003960455	0.995648712	1
T2DM_insulin	alpha_cell	<i>CELSR2</i>	0.00118409	0.017058779	0.995648712	1
T2DM_insulin	alpha_cell	<i>SORT1</i>	0.000762476	0.006232981	0.995648712	1
T2DM_insulin	alpha_cell	<i>ZNF697</i>	0.003247685	0.026802201	0.995648712	1
T2DM_insulin	alpha_cell	<i>VSIG8</i>	0.006628593	0.026724284	0.995648712	1
T2DM_insulin	alpha_cell	<i>C1orf112</i>	-0.00453193	0.012754823	0.995648712	1

T2DM_insulin	alpha_cell	<i>FMO1</i>	0.006632178	0.031256348	0.995648712	1
T2DM_insulin	alpha_cell	<i>FMO4</i>	0.006287477	0.038747395	0.995648712	1
T2DM_insulin	alpha_cell	<i>NUAK2</i>	0.003672619	0.047372355	0.995648712	1
T2DM_insulin	alpha_cell	<i>LEFTY2</i>	0.026508468	0.012069299	0.995648712	1
T2DM_insulin	alpha_cell	<i>OPN3</i>	0.004225493	0.005514298	0.995648712	1
T2DM_insulin	alpha_cell	<i>CHML</i>	0.003099988	0.00360999	0.995648712	1
T2DM_insulin	alpha_cell	<i>SH3YL1</i>	0.000687352	0.044120167	0.995648712	1
T2DM_insulin	alpha_cell	<i>CLHC1</i>	0.002117867	0.029616289	0.995648712	1
T2DM_insulin	alpha_cell	<i>FIGLA</i>	0.013676684	0.048751656	0.995648712	1
T2DM_insulin	alpha_cell	<i>NAT8</i>	-0.001233264	0.007509554	0.995648712	1
T2DM_insulin	alpha_cell	<i>RPIA</i>	0.001127599	0.026523315	0.995648712	1
T2DM_insulin	alpha_cell	<i>ZAP70</i>	0.014858731	0.012047253	0.995648712	1
T2DM_insulin	alpha_cell	<i>MAP3K2</i>	0.000310967	0.009902951	0.995648712	1
T2DM_insulin	alpha_cell	<i>CWC22</i>	-0.0009898	0.005750517	0.995648712	1
T2DM_insulin	alpha_cell	<i>HIBCH</i>	0.001591602	0.037321953	0.995648712	1
T2DM_insulin	alpha_cell	<i>BARD1</i>	0.005529752	0.003465399	0.995648712	1
T2DM_insulin	alpha_cell	<i>ESPNL</i>	-0.013277276	0.017871827	0.995648712	1
T2DM_insulin	alpha_cell	<i>GPR35</i>	0.009539757	0.03867507	0.995648712	1
T2DM_insulin	alpha_cell	<i>ARHGEF3</i>	0.002175667	0.048759154	0.995648712	1
T2DM_insulin	alpha_cell	<i>SIDT1</i>	0.008431178	0.009991051	0.995648712	1
T2DM_insulin	alpha_cell	<i>KALRN</i>	0.004310354	0.010494877	0.995648712	1
T2DM_insulin	alpha_cell	<i>ZBTB49</i>	0.005055775	0.019293444	0.995648712	1
T2DM_insulin	alpha_cell	<i>KLHL5</i>	0.000957564	0.04419374	0.995648712	1
T2DM_insulin	alpha_cell	<i>ARHGEF38</i>	0.00624032	0.023963609	0.995648712	1
T2DM_insulin	alpha_cell	<i>RXFP1</i>	0.013708197	0.031960948	0.995648712	1
T2DM_insulin	alpha_cell	<i>DNAH5</i>	0.002803444	0.020974244	0.995648712	1
T2DM_insulin	alpha_cell	<i>POC5</i>	0.001162345	0.043442946	0.995648712	1
T2DM_insulin	alpha_cell	<i>SLU7</i>	-0.000482956	0.006593804	0.995648712	1
T2DM_insulin	alpha_cell	<i>DOK3</i>	0.005100627	0.036565393	0.995648712	1
T2DM_insulin	alpha_cell	<i>ZSCAN23</i>	0.006760868	0.03940859	0.995648712	1
T2DM_insulin	alpha_cell	<i>HLA-DOB</i>	0.015332641	0.046063393	0.995648712	1
T2DM_insulin	alpha_cell	<i>NFYA</i>	0.002432485	0.010078334	0.995648712	1
T2DM_insulin	alpha_cell	<i>MRPL14</i>	0.000509075	0.022007929	0.995648712	1
T2DM_insulin	alpha_cell	<i>FNDC1</i>	0.008116363	0.006870422	0.995648712	1
T2DM_insulin	alpha_cell	<i>WTAP</i>	-0.000850937	0.023376857	0.995648712	1
T2DM_insulin	alpha_cell	<i>MPC1</i>	0.000615889	0.016556151	0.995648712	1
T2DM_insulin	alpha_cell	<i>EPDR1</i>	0.00331634	0.010649664	0.995648712	1
T2DM_insulin	alpha_cell	<i>CHCHD2</i>	0.000177595	0.021044986	0.995648712	1
T2DM_insulin	alpha_cell	<i>TNFRSF10D</i>	0.002520822	0.029578933	0.995648712	1
T2DM_insulin	alpha_cell	<i>DDHD2</i>	0.001413672	0.035522601	0.995648712	1
T2DM_insulin	alpha_cell	<i>ADAM9</i>	-0.001006545	0.032700503	0.995648712	1
T2DM_insulin	alpha_cell	<i>DEPTOR</i>	0.003162363	0.005564456	0.995648712	1
T2DM_insulin	alpha_cell	<i>APTX</i>	0.001385318	0.035803984	0.995648712	1
T2DM_insulin	alpha_cell	<i>PHYHD1</i>	0.004880809	0.03760423	0.995648712	1
T2DM_insulin	alpha_cell	<i>SURF1</i>	0.000967054	0.04482901	0.995648712	1
T2DM_insulin	alpha_cell	<i>ADAMTS13</i>	0.009387132	0.039752094	0.995648712	1
T2DM_insulin	alpha_cell	<i>SARDH</i>	0.008846752	0.044528981	0.995648712	1
T2DM_insulin	alpha_cell	<i>ENTPD8</i>	0.006455528	0.018813409	0.995648712	1
T2DM_insulin	alpha_cell	<i>IL2RA</i>	0.007812896	0.021336532	0.995648712	1
T2DM_insulin	alpha_cell	<i>STOX1</i>	0.003473947	0.048276429	0.995648712	1
T2DM_insulin	alpha_cell	<i>EXOSC1</i>	0.001129174	0.042037738	0.995648712	1
T2DM_insulin	alpha_cell	<i>C10orf62</i>	0.012395577	0.043037881	0.995648712	1
T2DM_insulin	alpha_cell	<i>SEMA4G</i>	0.003369496	0.006568708	0.995648712	1
T2DM_insulin	alpha_cell	<i>PRAP1</i>	0.021833502	0.012250964	0.995648712	1
T2DM_insulin	alpha_cell	<i>MUC6</i>	0.001781129	0.015331282	0.995648712	1
T2DM_insulin	alpha_cell	<i>ZNF215</i>	0.012735041	0.00046165	0.431758473	1

T2DM_insulin	alpha_cell	<i>EML3</i>	0.001495683	0.028146467	0.995648712	1
T2DM_insulin	alpha_cell	<i>FAM118B</i>	0.0049079	0.024276285	0.995648712	1
T2DM_insulin	alpha_cell	<i>LTBR</i>	0.000549443	0.018416961	0.995648712	1
T2DM_insulin	alpha_cell	<i>TAS2R31</i>	-0.002674256	0.036400066	0.995648712	1
T2DM_insulin	alpha_cell	<i>MED21</i>	0.001423409	0.012583558	0.995648712	1
T2DM_insulin	alpha_cell	<i>METTL7B</i>	0.007253549	0.015227572	0.995648712	1
T2DM_insulin	alpha_cell	<i>SLC39A5</i>	0.00188422	0.034472417	0.995648712	1
T2DM_insulin	alpha_cell	<i>AVIL</i>	0.005301096	0.002450624	0.995648712	1
T2DM_insulin	alpha_cell	<i>HELB</i>	0.003206995	0.016990127	0.995648712	1
T2DM_insulin	alpha_cell	<i>GATC</i>	0.001733238	0.044971129	0.995648712	1
T2DM_insulin	alpha_cell	<i>RFC3</i>	-0.001593318	0.007682715	0.995648712	1
T2DM_insulin	alpha_cell	<i>ALG11</i>	0.001479611	0.014825263	0.995648712	1
T2DM_insulin	alpha_cell	<i>CDC16</i>	0.001007201	0.032962621	0.995648712	1
T2DM_insulin	alpha_cell	<i>FAM161B</i>	0.004066355	0.030075307	0.995648712	1
T2DM_insulin	alpha_cell	<i>TMEM63C</i>	0.005051079	0.045341914	0.995648712	1
T2DM_insulin	alpha_cell	<i>BEGAIN</i>	-0.007399587	0.001062527	0.79498293	1
T2DM_insulin	alpha_cell	<i>PPP1R13B</i>	0.003166567	0.000424573	0.431758473	1
T2DM_insulin	alpha_cell	<i>CEP170B</i>	0.001241858	0.007595334	0.995648712	1
T2DM_insulin	alpha_cell	<i>FMNI</i>	0.00393968	0.033319154	0.995648712	1
T2DM_insulin	alpha_cell	<i>KNSTRN</i>	-0.002422354	0.0267945	0.995648712	1
T2DM_insulin	alpha_cell	<i>LINC00926</i>	0.001785155	0.014739639	0.995648712	1
T2DM_insulin	alpha_cell	<i>DAPK2</i>	0.003163965	0.016884695	0.995648712	1
T2DM_insulin	alpha_cell	<i>UACA</i>	0.001162907	0.048563375	0.995648712	1
T2DM_insulin	alpha_cell	<i>C15orf40</i>	0.000826388	0.03443238	0.995648712	1
T2DM_insulin	alpha_cell	<i>WFIKKN1</i>	-0.003352999	0.0283747	0.995648712	1
T2DM_insulin	alpha_cell	<i>UQCRC2</i>	-0.000813071	0.03615549	0.995648712	1
T2DM_insulin	alpha_cell	<i>CLEC18A</i>	-0.006564604	0.015809825	0.995648712	1
T2DM_insulin	alpha_cell	<i>TAF1C</i>	0.001704071	0.005461083	0.995648712	1
T2DM_insulin	alpha_cell	<i>ADAD2</i>	0.013381021	0.018773089	0.995648712	1
T2DM_insulin	alpha_cell	<i>TRPV3</i>	0.009689657	0.004799732	0.995648712	1
T2DM_insulin	alpha_cell	<i>TRIM16L</i>	0.008153657	0.029639928	0.995648712	1
T2DM_insulin	alpha_cell	<i>LASP1</i>	0.001474712	0.023919934	0.995648712	1
T2DM_insulin	alpha_cell	<i>PPM1E</i>	0.004110957	0.032718202	0.995648712	1
T2DM_insulin	alpha_cell	<i>TEN1</i>	0.001925056	0.047509748	0.995648712	1
T2DM_insulin	alpha_cell	<i>EVPL</i>	-0.008223842	0.042571802	0.995648712	1
T2DM_insulin	alpha_cell	<i>ZNF266</i>	0.001365242	0.025254336	0.995648712	1
T2DM_insulin	alpha_cell	<i>GCDH</i>	-0.002160477	0.039547634	0.995648712	1
T2DM_insulin	alpha_cell	<i>FARSA</i>	-0.001613404	0.005532915	0.995648712	1
T2DM_insulin	alpha_cell	<i>ZNF429</i>	0.001160876	0.049834915	0.995648712	1
T2DM_insulin	alpha_cell	<i>ZNF681</i>	-0.001743432	0.047439369	0.995648712	1
T2DM_insulin	alpha_cell	<i>LRP3</i>	0.005086651	0.003819257	0.995648712	1
T2DM_insulin	alpha_cell	<i>ZNF527</i>	0.004893879	0.044856198	0.995648712	1
T2DM_insulin	alpha_cell	<i>CATSPERG</i>	0.008116314	0.018267585	0.995648712	1
T2DM_insulin	alpha_cell	<i>SMG9</i>	0.002330332	0.000151627	0.338927024	0.567237683
T2DM_insulin	alpha_cell	<i>ZNF233</i>	0.009309812	0.004028419	0.995648712	1
T2DM_insulin	alpha_cell	<i>FKRP</i>	0.001322904	0.04050043	0.995648712	1
T2DM_insulin	alpha_cell	<i>RASIP1</i>	0.001846699	0.027200576	0.995648712	1
T2DM_insulin	alpha_cell	<i>C19orf48</i>	0.001996697	0.020823213	0.995648712	1
T2DM_insulin	alpha_cell	<i>KLK13</i>	0.01874983	0.048796699	0.995648712	1
T2DM_insulin	alpha_cell	<i>SSC5D</i>	0.003027545	0.022360951	0.995648712	1
T2DM_insulin	alpha_cell	<i>ZNF329</i>	0.001404975	0.041656455	0.995648712	1
T2DM_insulin	alpha_cell	<i>RBCK1</i>	0.000895192	0.030110466	0.995648712	1
T2DM_insulin	alpha_cell	<i>NCOA6</i>	0.000594188	0.03053091	0.995648712	1
T2DM_insulin	alpha_cell	<i>EDEM2</i>	0.001067892	0.039045423	0.995648712	1
T2DM_insulin	alpha_cell	<i>PROCR</i>	0.002136264	0.03622156	0.995648712	1
T2DM_insulin	alpha_cell	<i>HSCB</i>	0.002158347	0.04741429	0.995648712	1

T2DM_insulin	alpha_cell	<i>RBFOX2</i>	-0.000449843	0.037899	0.995648712	1
T2DM_insulin	alpha_cell	<i>FAM83F</i>	0.001015622	0.017585095	0.995648712	1
T2DM_insulin	alpha_cell	<i>TOB2</i>	-0.001163428	0.042457973	0.995648712	1
T2DM_insulin	alpha_cell	<i>MIOX</i>	-0.005385441	0.041622812	0.995648712	1
T2DM_insulin	beta_cell	<i>OTUD3</i>	0.001574755	0.024871858	0.999646981	1
T2DM_insulin	beta_cell	<i>OMAI</i>	-0.002043197	0.029756132	0.999646981	1
T2DM_insulin	beta_cell	<i>PRKACB</i>	0.000756648	0.027407186	0.999646981	1
T2DM_insulin	beta_cell	<i>ATPIA1</i>	0.000577369	0.015241787	0.999646981	1
T2DM_insulin	beta_cell	<i>S100A1</i>	-0.002607088	0.049001653	0.999646981	1
T2DM_insulin	beta_cell	<i>PFN4</i>	-0.008650629	0.048088808	0.999646981	1
T2DM_insulin	beta_cell	<i>KHK</i>	0.001598425	0.046205801	0.999646981	1
T2DM_insulin	beta_cell	<i>STON1</i>	0.003449537	0.019229301	0.999646981	1
T2DM_insulin	beta_cell	<i>LBX2</i>	0.007017769	0.020783851	0.999646981	1
T2DM_insulin	beta_cell	<i>POLR1B</i>	-0.001918894	0.00874721	0.999646981	1
T2DM_insulin	beta_cell	<i>TMEM185B</i>	-0.00164541	0.031828736	0.999646981	1
T2DM_insulin	beta_cell	<i>CWC22</i>	0.000908979	0.011001606	0.999646981	1
T2DM_insulin	beta_cell	<i>BARD1</i>	0.003911192	0.037956131	0.999646981	1
T2DM_insulin	beta_cell	<i>CMTM7</i>	0.00238825	0.00996204	0.999646981	1
T2DM_insulin	beta_cell	<i>RBM6</i>	-0.000625533	0.005606523	0.999646981	1
T2DM_insulin	beta_cell	<i>CGGBP1</i>	0.000404462	0.017945795	0.999646981	1
T2DM_insulin	beta_cell	<i>FNIP2</i>	0.000761597	0.037570675	0.999646981	1
T2DM_insulin	beta_cell	<i>EIF4EBP3</i>	-0.001302514	0.018211097	0.999646981	1
T2DM_insulin	beta_cell	<i>GMPR</i>	-0.001703991	0.035633131	0.999646981	1
T2DM_insulin	beta_cell	<i>SLC44A4</i>	0.003262272	0.020508997	0.999646981	1
T2DM_insulin	beta_cell	<i>BCKDHB</i>	0.001705562	0.017149822	0.999646981	1
T2DM_insulin	beta_cell	<i>UFL1</i>	0.000777646	0.027810186	0.999646981	1
T2DM_insulin	beta_cell	<i>PHACTR2</i>	0.000805731	0.005215079	0.999646981	1
T2DM_insulin	beta_cell	<i>TULP4</i>	-0.000784624	0.028342562	0.999646981	1
T2DM_insulin	beta_cell	<i>MRPL18</i>	0.00057575	0.021537139	0.999646981	1
T2DM_insulin	beta_cell	<i>NAT16</i>	-0.001314186	0.031207934	0.999646981	1
T2DM_insulin	beta_cell	<i>TNFRSF10D</i>	0.002475989	0.032443382	0.999646981	1
T2DM_insulin	beta_cell	<i>SPAG1</i>	0.000879243	0.049582649	0.999646981	1
T2DM_insulin	beta_cell	<i>DEPTOR</i>	0.002284897	0.045547039	0.999646981	1
T2DM_insulin	beta_cell	<i>LY6E</i>	-0.001159009	0.031234271	0.999646981	1
T2DM_insulin	beta_cell	<i>CD274</i>	0.003072395	0.040329529	0.999646981	1
T2DM_insulin	beta_cell	<i>GRHPR</i>	0.000943249	0.002433248	0.999646981	1
T2DM_insulin	beta_cell	<i>ZNF79</i>	0.004548531	0.048592812	0.999646981	1
T2DM_insulin	beta_cell	<i>MASTL</i>	-0.003046864	0.006045922	0.999646981	1
T2DM_insulin	beta_cell	<i>ACBD5</i>	0.00073064	0.023230426	0.999646981	1
T2DM_insulin	beta_cell	<i>FAM149B1</i>	0.002161946	0.019663359	0.999646981	1
T2DM_insulin	beta_cell	<i>OR52N4</i>	0.012023476	0.029655194	0.999646981	1
T2DM_insulin	beta_cell	<i>SAAL1</i>	0.002712709	0.002130222	0.999646981	1
T2DM_insulin	beta_cell	<i>PGM2L1</i>	-0.001544727	0.002905383	0.999646981	1
T2DM_insulin	beta_cell	<i>NAALAD2</i>	-0.015730994	0.004061581	0.999646981	1
T2DM_insulin	beta_cell	<i>C11orf54</i>	0.000721577	0.040168917	0.999646981	1
T2DM_insulin	beta_cell	<i>MMP1</i>	0.000907126	0.022248336	0.999646981	1
T2DM_insulin	beta_cell	<i>SLC6A12</i>	-0.008801052	0.043035021	0.999646981	1
T2DM_insulin	beta_cell	<i>LMO3</i>	0.002881282	0.035340347	0.999646981	1
T2DM_insulin	beta_cell	<i>TM7SF3</i>	-0.001959513	0.018104415	0.999646981	1
T2DM_insulin	beta_cell	<i>SIRT4</i>	0.009553849	0.026928462	0.999646981	1
T2DM_insulin	beta_cell	<i>PLEKHG3</i>	0.001320726	0.041764432	0.999646981	1
T2DM_insulin	beta_cell	<i>GOLGA8H</i>	0.021113605	0.008395352	0.999646981	1
T2DM_insulin	beta_cell	<i>ELL3</i>	-0.004136858	0.046831531	0.999646981	1
T2DM_insulin	beta_cell	<i>CYP19A1</i>	0.008659722	0.003201313	0.999646981	1
T2DM_insulin	beta_cell	<i>BRICD5</i>	-0.01043208	0.028139858	0.999646981	1
T2DM_insulin	beta_cell	<i>RBL2</i>	-0.000798067	0.03971582	0.999646981	1

T2DM_insulin	beta_cell	<i>IRX3</i>	0.006269112	0.026902342	0.999646981	1
T2DM_insulin	beta_cell	<i>SPAG7</i>	-0.000892313	0.027526023	0.999646981	1
T2DM_insulin	beta_cell	<i>KIAA0753</i>	0.003148775	0.003782635	0.999646981	1
T2DM_insulin	beta_cell	<i>FAM106A</i>	0.003485349	0.017550116	0.999646981	1
T2DM_insulin	beta_cell	<i>PCGF2</i>	0.001175905	0.032770387	0.999646981	1
T2DM_insulin	beta_cell	<i>PRR15L</i>	-0.002941054	0.008176407	0.999646981	1
T2DM_insulin	beta_cell	<i>PTRH2</i>	0.001075932	0.040211284	0.999646981	1
T2DM_insulin	beta_cell	<i>SYNGR2</i>	0.000685637	0.024226709	0.999646981	1
T2DM_insulin	beta_cell	<i>LINC00667</i>	0.000624808	0.005092579	0.999646981	1
T2DM_insulin	beta_cell	<i>HAUS1</i>	0.002380835	0.044779854	0.999646981	1
T2DM_insulin	beta_cell	<i>FUT2</i>	0.004856084	0.041671585	0.999646981	1
T2DM_insulin	beta_cell	<i>LILRB3</i>	-0.005802325	0.034132856	0.999646981	1
T2DM_insulin	beta_cell	<i>ZNF211</i>	0.003539506	1.21E-08	4.54E-05	4.54E-05
T2DM_insulin	beta_cell	<i>ZNF329</i>	0.001728371	0.012185879	0.999646981	1
T2DM_insulin	beta_cell	<i>TMEM230</i>	-0.000488619	0.035592715	0.999646981	1
T2DM_insulin	beta_cell	<i>PTPRT</i>	-0.002819651	0.01521898	0.999646981	1
T2DM_insulin	beta_cell	<i>CSE1L</i>	0.001127167	0.012679313	0.999646981	1
T2DM_insulin	beta_cell	<i>BACE2</i>	0.002453451	0.005637461	0.999646981	1
T2DM_insulin	beta_cell	<i>PES1</i>	0.001376801	0.035150455	0.999646981	1
T2DM_insulin	beta_cell	<i>TOB2</i>	0.001136273	0.047843633	0.999646981	1
T2DM_insulin	beta_cell	<i>TTLL12</i>	-0.001634384	0.046232342	0.999646981	1
T2DM_insulin	delta_cell	<i>LINC00115</i>	-0.00245278	0.011690103	0.910230079	1
T2DM_insulin	delta_cell	<i>ZBTB40</i>	0.002354206	0.023856184	0.910230079	1
T2DM_insulin	delta_cell	<i>PNRC2</i>	0.000688698	0.043640793	0.910230079	1
T2DM_insulin	delta_cell	<i>SMPDL3B</i>	0.003366342	0.038305047	0.910230079	1
T2DM_insulin	delta_cell	<i>TTC4</i>	0.001079759	0.027375531	0.910230079	1
T2DM_insulin	delta_cell	<i>CDC7</i>	0.002999849	0.04627231	0.910230079	1
T2DM_insulin	delta_cell	<i>RTCA</i>	0.001125226	0.008727375	0.910230079	1
T2DM_insulin	delta_cell	<i>VCAMI</i>	0.001770614	0.029501231	0.910230079	1
T2DM_insulin	delta_cell	<i>ATPIA1</i>	0.000508209	0.032377998	0.910230079	1
T2DM_insulin	delta_cell	<i>SI00A14</i>	0.001466024	0.028713228	0.910230079	1
T2DM_insulin	delta_cell	<i>MUC1</i>	0.00148113	0.023886931	0.910230079	1
T2DM_insulin	delta_cell	<i>TSEN15</i>	0.000822593	0.029453071	0.910230079	1
T2DM_insulin	delta_cell	<i>ARL8A</i>	0.000762376	0.031884663	0.910230079	1
T2DM_insulin	delta_cell	<i>PM20D1</i>	0.005599652	0.000896427	0.838383368	1
T2DM_insulin	delta_cell	<i>PPP3R1</i>	-0.000507939	0.044625961	0.910230079	1
T2DM_insulin	delta_cell	<i>CLEC4F</i>	0.011343063	0.026846904	0.910230079	1
T2DM_insulin	delta_cell	<i>CTNNA2</i>	0.00570705	0.040477001	0.910230079	1
T2DM_insulin	delta_cell	<i>SH3RF3</i>	0.00333004	0.028114635	0.910230079	1
T2DM_insulin	delta_cell	<i>TMEM185B</i>	0.001574391	0.040248618	0.910230079	1
T2DM_insulin	delta_cell	<i>MAP3K2</i>	0.000327995	0.006359161	0.910230079	1
T2DM_insulin	delta_cell	<i>ACMSD</i>	0.003310654	0.009224476	0.910230079	1
T2DM_insulin	delta_cell	<i>DNAH7</i>	0.001910383	0.025965288	0.910230079	1
T2DM_insulin	delta_cell	<i>ARMC9</i>	-0.001484505	0.000840198	0.838383368	1
T2DM_insulin	delta_cell	<i>EFHB</i>	0.002479619	0.042304266	0.910230079	1
T2DM_insulin	delta_cell	<i>WDR6</i>	0.001275351	0.025648321	0.910230079	1
T2DM_insulin	delta_cell	<i>QRICH1</i>	0.000827635	0.018785656	0.910230079	1
T2DM_insulin	delta_cell	<i>CGGBP1</i>	0.000349254	0.040698024	0.910230079	1
T2DM_insulin	delta_cell	<i>TMEM45A</i>	0.001689801	0.047665547	0.910230079	1
T2DM_insulin	delta_cell	<i>SLC41A3</i>	0.000963193	0.008144881	0.910230079	1
T2DM_insulin	delta_cell	<i>RNF7</i>	0.000596129	0.0410725	0.910230079	1
T2DM_insulin	delta_cell	<i>XXYLTI</i>	0.002145822	0.016492801	0.910230079	1
T2DM_insulin	delta_cell	<i>MUC4</i>	0.014690598	0.00544235	0.910230079	1
T2DM_insulin	delta_cell	<i>FAM53A</i>	0.006056296	0.018462234	0.910230079	1
T2DM_insulin	delta_cell	<i>DOK7</i>	0.00960256	0.000139906	0.261694408	0.523388816
T2DM_insulin	delta_cell	<i>AFAP1</i>	0.002288882	0.043524851	0.910230079	1

T2DM_insulin	delta_cell	<i>SH3TC1</i>	0.001510574	0.007652703	0.910230079	1
T2DM_insulin	delta_cell	<i>SLC2A9</i>	0.00415618	0.005721825	0.910230079	1
T2DM_insulin	delta_cell	<i>DCAF16</i>	0.000770983	0.002837747	0.910230079	1
T2DM_insulin	delta_cell	<i>RPL9</i>	-9.92E-05	0.02838766	0.910230079	1
T2DM_insulin	delta_cell	<i>GNPDA2</i>	0.001040396	0.046544593	0.910230079	1
T2DM_insulin	delta_cell	<i>MRPL36</i>	0.000450609	0.02077975	0.910230079	1
T2DM_insulin	delta_cell	<i>CCL28</i>	0.00286175	0.010100053	0.910230079	1
T2DM_insulin	delta_cell	<i>MAP1B</i>	0.00022491	0.01182023	0.910230079	1
T2DM_insulin	delta_cell	<i>F2R</i>	0.000894458	0.036528785	0.910230079	1
T2DM_insulin	delta_cell	<i>GPR150</i>	0.004628899	0.021190052	0.910230079	1
T2DM_insulin	delta_cell	<i>ERAP1</i>	0.002403299	0.037506349	0.910230079	1
T2DM_insulin	delta_cell	<i>REEP5</i>	-0.000231917	0.031037797	0.910230079	1
T2DM_insulin	delta_cell	<i>PCDHA10</i>	0.003063892	0.031067414	0.910230079	1
T2DM_insulin	delta_cell	<i>GALNT10</i>	0.001916814	0.012904518	0.910230079	1
T2DM_insulin	delta_cell	<i>SLU7</i>	0.000386055	0.030459842	0.910230079	1
T2DM_insulin	delta_cell	<i>F12</i>	0.003795044	0.012046592	0.910230079	1
T2DM_insulin	delta_cell	<i>VAR52</i>	0.003364598	0.00895377	0.910230079	1
T2DM_insulin	delta_cell	<i>MDGA1</i>	-0.006179936	0.031533982	0.910230079	1
T2DM_insulin	delta_cell	<i>PRPH2</i>	0.005316504	0.025000068	0.910230079	1
T2DM_insulin	delta_cell	<i>EFHC1</i>	-0.000575273	0.042860387	0.910230079	1
T2DM_insulin	delta_cell	<i>RNF146</i>	0.001456754	0.042980659	0.910230079	1
T2DM_insulin	delta_cell	<i>HBSIL</i>	0.000662808	0.03293981	0.910230079	1
T2DM_insulin	delta_cell	<i>ABRACL</i>	0.002122598	0.03534064	0.910230079	1
T2DM_insulin	delta_cell	<i>ZFAND2A</i>	0.000619835	0.040182253	0.910230079	1
T2DM_insulin	delta_cell	<i>EPDR1</i>	0.002894055	0.026222148	0.910230079	1
T2DM_insulin	delta_cell	<i>CLDN3</i>	0.001108684	0.007375278	0.910230079	1
T2DM_insulin	delta_cell	<i>LRGUK</i>	0.008187096	0.028483915	0.910230079	1
T2DM_insulin	delta_cell	<i>RARRES2</i>	0.000761475	0.037313249	0.910230079	1
T2DM_insulin	delta_cell	<i>GIMAP6</i>	-0.001533151	0.037497874	0.910230079	1
T2DM_insulin	delta_cell	<i>ESYT2</i>	0.002439253	0.001275769	0.910230079	1
T2DM_insulin	delta_cell	<i>TNFRSF10D</i>	0.002632225	0.022845687	0.910230079	1
T2DM_insulin	delta_cell	<i>ESCO2</i>	0.012231907	0.000111708	0.261694408	0.41790063
T2DM_insulin	delta_cell	<i>EXTL3</i>	0.001877437	0.045093563	0.910230079	1
T2DM_insulin	delta_cell	<i>XKR9</i>	0.00871238	0.018509323	0.910230079	1
T2DM_insulin	delta_cell	<i>RNF19A</i>	0.000729469	0.014235725	0.910230079	1
T2DM_insulin	delta_cell	<i>ST3GAL1</i>	0.00192529	0.040922624	0.910230079	1
T2DM_insulin	delta_cell	<i>CPSF1</i>	0.002482324	0.048285974	0.910230079	1
T2DM_insulin	delta_cell	<i>FXN</i>	0.001227141	0.041800447	0.910230079	1
T2DM_insulin	delta_cell	<i>ROR2</i>	0.00308195	0.015896367	0.910230079	1
T2DM_insulin	delta_cell	<i>SPTLC1</i>	0.001213061	0.030037652	0.910230079	1
T2DM_insulin	delta_cell	<i>TMEM38B</i>	0.000793485	0.01702665	0.910230079	1
T2DM_insulin	delta_cell	<i>DNM1</i>	0.001566912	0.018212444	0.910230079	1
T2DM_insulin	delta_cell	<i>CERCAM</i>	0.001899015	0.045215622	0.910230079	1
T2DM_insulin	delta_cell	<i>DDX31</i>	0.002236019	0.00963351	0.910230079	1
T2DM_insulin	delta_cell	<i>AKR1C1</i>	0.002077122	0.028102271	0.910230079	1
T2DM_insulin	delta_cell	<i>PRKCQ</i>	0.006716331	0.036317658	0.910230079	1
T2DM_insulin	delta_cell	<i>CXCL12</i>	0.002257626	0.045922926	0.910230079	1
T2DM_insulin	delta_cell	<i>AGAP4</i>	-0.002511819	0.047204942	0.910230079	1
T2DM_insulin	delta_cell	<i>SGPL1</i>	0.000891409	0.015198638	0.910230079	1
T2DM_insulin	delta_cell	<i>SFTPD</i>	0.005632435	0.018253285	0.910230079	1
T2DM_insulin	delta_cell	<i>LDB3</i>	0.003532516	0.03999334	0.910230079	1
T2DM_insulin	delta_cell	<i>PTEN</i>	0.000407388	0.016943171	0.910230079	1
T2DM_insulin	delta_cell	<i>LIPA</i>	-0.000770176	0.039297342	0.910230079	1
T2DM_insulin	delta_cell	<i>MORN4</i>	0.001890545	0.043676132	0.910230079	1
T2DM_insulin	delta_cell	<i>SEMA4G</i>	0.002654115	0.032837808	0.910230079	1
T2DM_insulin	delta_cell	<i>AS3MT</i>	0.002198316	0.0409006	0.910230079	1

T2DM_insulin	delta_cell	<i>SORCSI</i>	0.003959549	0.046707709	0.910230079	1
T2DM_insulin	delta_cell	<i>IFITM1</i>	0.002961392	0.015360269	0.910230079	1
T2DM_insulin	delta_cell	<i>DEAF1</i>	0.000569869	0.040937194	0.910230079	1
T2DM_insulin	delta_cell	<i>LDHC</i>	0.010731914	0.012363637	0.910230079	1
T2DM_insulin	delta_cell	<i>CAT</i>	0.00105198	0.038991084	0.910230079	1
T2DM_insulin	delta_cell	<i>ASRGL1</i>	0.001478198	0.027238304	0.910230079	1
T2DM_insulin	delta_cell	<i>SAC3D1</i>	0.001737795	0.020170465	0.910230079	1
T2DM_insulin	delta_cell	<i>OVOL1</i>	0.006364172	0.030471246	0.910230079	1
T2DM_insulin	delta_cell	<i>ARHGAP42</i>	0.002345886	0.024171397	0.910230079	1
T2DM_insulin	delta_cell	<i>POU2F3</i>	0.004208397	0.035767871	0.910230079	1
T2DM_insulin	delta_cell	<i>CCDC15</i>	0.012527815	0.017965554	0.910230079	1
T2DM_insulin	delta_cell	<i>IGSF9B</i>	0.004720137	0.021012203	0.910230079	1
T2DM_insulin	delta_cell	<i>GLB1L2</i>	0.005073181	0.003799253	0.910230079	1
T2DM_insulin	delta_cell	<i>LRRC23</i>	0.000862525	0.044113724	0.910230079	1
T2DM_insulin	delta_cell	<i>MED21</i>	0.001146383	0.044183513	0.910230079	1
T2DM_insulin	delta_cell	<i>MRPS35</i>	0.000710988	0.046938165	0.910230079	1
T2DM_insulin	delta_cell	<i>SIRT4</i>	-0.008678197	0.044005963	0.910230079	1
T2DM_insulin	delta_cell	<i>BRI3BP</i>	0.002159103	0.048339323	0.910230079	1
T2DM_insulin	delta_cell	<i>TRPC4</i>	-0.003625636	0.037386955	0.910230079	1
T2DM_insulin	delta_cell	<i>CFL2</i>	0.000978343	0.014031387	0.910230079	1
T2DM_insulin	delta_cell	<i>CPSF2</i>	0.001602162	0.041223296	0.910230079	1
T2DM_insulin	delta_cell	<i>BCL11B</i>	-0.003941704	0.034413041	0.910230079	1
T2DM_insulin	delta_cell	<i>CHP1</i>	0.001058474	0.009294173	0.910230079	1
T2DM_insulin	delta_cell	<i>ATP8B4</i>	0.00843278	0.014983088	0.910230079	1
T2DM_insulin	delta_cell	<i>TRIP4</i>	0.001391446	0.02846154	0.910230079	1
T2DM_insulin	delta_cell	<i>AP3B2</i>	-0.003197622	0.042864027	0.910230079	1
T2DM_insulin	delta_cell	<i>FAHD1</i>	0.00199508	0.01843514	0.910230079	1
T2DM_insulin	delta_cell	<i>RMI2</i>	0.009081998	0.036238138	0.910230079	1
T2DM_insulin	delta_cell	<i>NDE1</i>	0.001811109	0.034567369	0.910230079	1
T2DM_insulin	delta_cell	<i>HSD3B7</i>	0.001986761	0.024505639	0.910230079	1
T2DM_insulin	delta_cell	<i>STX1B</i>	0.005093814	0.013598252	0.910230079	1
T2DM_insulin	delta_cell	<i>IRX3</i>	0.006231552	0.027528586	0.910230079	1
T2DM_insulin	delta_cell	<i>EXOSC6</i>	0.000561993	0.013184533	0.910230079	1
T2DM_insulin	delta_cell	<i>PIEZO1</i>	0.002904123	0.047219243	0.910230079	1
T2DM_insulin	delta_cell	<i>DEF8</i>	-0.000475337	0.016049421	0.910230079	1
T2DM_insulin	delta_cell	<i>SERPINF2</i>	0.002543831	0.027843898	0.910230079	1
T2DM_insulin	delta_cell	<i>SERPINF1</i>	0.000519974	0.020048641	0.910230079	1
T2DM_insulin	delta_cell	<i>MFSD6L</i>	0.009910915	0.013292736	0.910230079	1
T2DM_insulin	delta_cell	<i>TRIM16L</i>	0.010361665	0.005706781	0.910230079	1
T2DM_insulin	delta_cell	<i>NLE1</i>	0.006291178	0.029279101	0.910230079	1
T2DM_insulin	delta_cell	<i>KRT23</i>	0.002118388	0.036481145	0.910230079	1
T2DM_insulin	delta_cell	<i>LINC01152</i>	0.007199069	0.045620907	0.910230079	1
T2DM_insulin	delta_cell	<i>NUP85</i>	0.001629532	0.040170649	0.910230079	1
T2DM_insulin	delta_cell	<i>MXRA7</i>	0.000536226	0.033838993	0.910230079	1
T2DM_insulin	delta_cell	<i>TIMP2</i>	0.000758882	0.011592158	0.910230079	1
T2DM_insulin	delta_cell	<i>FN3KRP</i>	0.002738112	0.034627043	0.910230079	1
T2DM_insulin	delta_cell	<i>CLUL1</i>	0.008818414	0.042616047	0.910230079	1
T2DM_insulin	delta_cell	<i>EPG5</i>	0.00270658	0.010333908	0.910230079	1
T2DM_insulin	delta_cell	<i>APBA3</i>	0.005709069	0.008107013	0.910230079	1
T2DM_insulin	delta_cell	<i>UBA52</i>	0.000231787	0.007253398	0.910230079	1
T2DM_insulin	delta_cell	<i>ZNF676</i>	0.006670781	0.005365769	0.910230079	1
T2DM_insulin	delta_cell	<i>SMG9</i>	0.001341778	0.029543197	0.910230079	1
T2DM_insulin	delta_cell	<i>ZNF112</i>	0.001529558	0.034845674	0.910230079	1
T2DM_insulin	delta_cell	<i>SLC6A16</i>	0.005121532	0.004779485	0.910230079	1
T2DM_insulin	delta_cell	<i>PRR12</i>	0.002162148	0.0278419	0.910230079	1
T2DM_insulin	delta_cell	<i>FUZ</i>	0.002618619	0.024905796	0.910230079	1

T2DM_insulin	delta_cell	<i>SIGLEC12</i>	0.021405876	0.017291907	0.910230079	1
T2DM_insulin	delta_cell	<i>PLCB4</i>	0.002026205	0.038915724	0.910230079	1
T2DM_insulin	delta_cell	<i>FAM182B</i>	0.016857641	0.03016283	0.910230079	1
T2DM_insulin	delta_cell	<i>YTHDF1</i>	0.0006919	0.040522419	0.910230079	1
T2DM_insulin	delta_cell	<i>LIME1</i>	0.003904852	0.044006937	0.910230079	1
T2DM_insulin	delta_cell	<i>TMEM50B</i>	0.00092508	0.010203568	0.910230079	1
T2DM_insulin	delta_cell	<i>CLDN14</i>	0.004370668	0.005261382	0.910230079	1
T2DM_insulin	delta_cell	<i>FTCD</i>	0.0060262	0.010112929	0.910230079	1
T2DM_insulin	delta_cell	<i>HIC2</i>	-0.004335657	0.009775023	0.910230079	1
T2DM_insulin	duct_epithelial_cell	<i>MTHFR</i>	0.001338923	0.044112288	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>CDA</i>	-0.004640155	0.044188156	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>FHL3</i>	0.001702672	0.036498464	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>CITED4</i>	0.001026449	0.029896612	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>CTPS1</i>	0.002264644	0.01795365	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>FAM183A</i>	0.002651147	0.025945824	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>PDZK1IP1</i>	0.001825563	0.039919697	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>PODN</i>	0.001261602	0.01725522	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>HFM1</i>	0.004004819	0.029100038	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>PTBP2</i>	0.000970709	0.012319632	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>PALMD</i>	0.002047312	0.031412718	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>KCNA2</i>	0.012890221	0.045222103	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>DRAM2</i>	0.000994118	0.004668447	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>SI00A14</i>	0.00173434	0.009116047	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>SI00A1</i>	0.003290509	0.012752243	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>MRPS14</i>	0.003262743	0.004881298	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>ARID4B</i>	-0.000442202	0.009734232	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>PFN4</i>	0.01016221	0.020169366	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>HAAO</i>	0.001570988	0.045256287	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>INO80B</i>	0.00366364	0.009232991	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>LBX2</i>	-0.007679094	0.011192936	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>CCDC115</i>	0.001158637	0.026564171	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>SPC25</i>	0.00249476	0.018647168	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>DNAH7</i>	0.001785259	0.037967375	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>NDUFA10</i>	0.000671559	0.047115035	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>NCKIPSD</i>	0.002172911	0.022291584	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>EOGT</i>	0.000905914	0.047672576	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>CEP63</i>	0.001166141	0.039499841	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>MRPL47</i>	-0.000417143	0.02670515	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>GMNC</i>	0.012914516	0.003037842	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>ADRA2C</i>	0.002115801	0.01716662	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>SH3TC1</i>	0.001735995	0.002181449	0.906755709	1
T2DM_insulin	duct_epithelial_cell	<i>NFXL1</i>	0.003406385	0.01218475	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>ART3</i>	0.012554023	0.001276422	0.842878481	1
T2DM_insulin	duct_epithelial_cell	<i>ZNF827</i>	0.001905971	0.011033814	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>SLC6A19</i>	0.01513758	0.003305481	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>DNAH5</i>	0.002661365	0.027693568	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>KIF2A</i>	0.001854349	0.007275394	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>SLC23A1</i>	0.00965533	0.034017544	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>PCDHB11</i>	0.002027666	0.019464241	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>HMGXB3</i>	0.00137537	0.033840518	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>ADAM19</i>	0.005901163	0.003576527	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>CCNG1</i>	0.000697285	0.033032334	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>TBC1D7</i>	0.00126758	0.028419053	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>GMPR</i>	0.001811144	0.026090229	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>DCDC2</i>	0.001539128	0.041922477	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>MRS2</i>	0.002005032	0.039395717	0.910380292	1

T2DM_insulin	duct_epithelial_cell	<i>SLC17A4</i>	0.012378635	0.04135264	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>POU5F1</i>	0.003682869	0.042762313	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>C4B</i>	0.015832117	0.040534775	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>PPT2</i>	0.004689451	0.008129211	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>IP6K3</i>	0.014861777	0.029160407	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>LRRC1</i>	-0.001375407	0.015364338	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>ELOVL4</i>	0.003938079	0.013421382	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>FRK</i>	0.001369538	0.024281233	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>NT5DC1</i>	0.001286497	0.048030545	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>TPD52L1</i>	-0.00104555	0.045941226	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>ERMARD</i>	0.002345051	0.02600262	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>CYP2W1</i>	0.022905137	0.010096201	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>DAGLB</i>	0.002390029	0.047109411	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>CCZ1B</i>	0.002351367	0.042439308	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>FAM221A</i>	0.001686975	0.011906739	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>JAZF1</i>	0.001925959	0.009145938	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>EPDR1</i>	0.003878106	0.002915354	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>ABCA13</i>	-0.009171162	0.015211596	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>CLDN4</i>	0.000487664	0.030929618	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>LIMK1</i>	0.003685429	0.046908622	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>STEAP1</i>	0.003397826	0.031271046	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>RASA4B</i>	0.010962187	0.006153335	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>FGL1</i>	0.002692928	0.033959614	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>BMP1</i>	0.003735182	0.037474088	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>MSC</i>	0.000902813	0.02425704	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>RCL1</i>	-0.001680903	0.023167316	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>TPM2</i>	0.000725766	0.033020502	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>POLR1E</i>	0.002516923	0.02800473	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>PCSK5</i>	0.002951906	0.00918915	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>TXN</i>	0.000400507	0.020018074	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>ZNF79</i>	0.004656526	0.043295675	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>CDK9</i>	0.001589067	0.013145179	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>SURF6</i>	-0.000863665	0.020485154	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>EXD3</i>	0.001838248	0.020461681	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>GTPBP4</i>	-0.000464466	0.040461415	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>ALOX5</i>	0.00171976	0.039026246	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>DLG5</i>	0.000737955	0.047875054	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>GLUD1</i>	0.000860943	0.047629537	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>PPP2R2D</i>	0.001735128	0.005622525	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>RIC8A</i>	0.002348981	0.006507732	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>IFITM1</i>	0.002566306	0.035104328	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>IRF7</i>	0.003201309	0.013949985	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>OSBPL5</i>	0.005203259	0.037996104	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>TRIM66</i>	0.001984606	0.03284493	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>FLRT1</i>	0.004741015	0.019151245	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>PPP1R14B</i>	0.000475791	0.04487657	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>CCDC88B</i>	0.008412027	0.000961353	0.842878481	1
T2DM_insulin	duct_epithelial_cell	<i>SNX32</i>	-0.011153178	0.015277163	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>TSKU</i>	0.002112288	0.016263971	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>KDM4E</i>	0.014842999	0.013706452	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>CEP57</i>	0.000844135	0.029146645	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>HMBS</i>	0.001917938	0.020269834	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>HINFP</i>	0.002569642	0.048992821	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>FAM90A1</i>	0.007035371	0.01422669	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>GPRC5A</i>	0.006033147	0.000471137	0.842878481	1
T2DM_insulin	duct_epithelial_cell	<i>SARNP</i>	0.00134209	0.01410355	0.910380292	1

T2DM_insulin	duct_epithelial_cell	<i>ERBB3</i>	0.001623542	0.029257092	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>LRIG3</i>	0.002763803	0.001802467	0.842878481	1
T2DM_insulin	duct_epithelial_cell	<i>TBX3</i>	0.0013622	0.018437508	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>RFC3</i>	0.001956772	0.001074414	0.842878481	1
T2DM_insulin	duct_epithelial_cell	<i>TRPC4</i>	0.005530948	0.001550988	0.842878481	1
T2DM_insulin	duct_epithelial_cell	<i>NEK3</i>	0.002042224	0.021055862	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>IPO5</i>	0.000593143	0.044924423	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>SERPINA5</i>	0.001128173	0.044923426	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>GOLGA8O</i>	0.005591271	0.032667738	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>PLCB2</i>	0.014731668	0.014533496	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>BAHD1</i>	0.001665072	0.04013496	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>OIP5</i>	0.007917002	0.025933286	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>SPG21</i>	0.000680017	0.034506256	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>TLE3</i>	0.001071437	0.001639637	0.842878481	1
T2DM_insulin	duct_epithelial_cell	<i>SCAPER</i>	0.000882782	0.040337838	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>CCDC154</i>	0.018238739	0.007494141	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>CLUAP1</i>	0.001813946	0.037147398	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>TAF1C</i>	0.001545164	0.011657195	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>PIEZO1</i>	0.00296389	0.042898477	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>TRPV3</i>	0.008049323	0.019637424	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>SPAG7</i>	-0.000926058	0.021357945	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>DERL2</i>	0.00062047	0.027638409	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>SAT2</i>	0.000350593	0.02210993	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>ADORA2B</i>	0.009566174	0.02282199	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>EPN3</i>	0.008159006	0.003352197	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>ABCC3</i>	0.002084799	0.027843497	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>TBCD</i>	0.001844284	0.008296479	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>SLC14A1</i>	0.00369544	0.033341552	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>GNAI5</i>	0.006754804	0.048232456	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>GRAMD1A</i>	0.000860648	0.022371596	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>LGI4</i>	0.005989094	0.028911331	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>CXCL17</i>	-0.004023389	0.043084968	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>GPR4</i>	0.002290379	0.032918975	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>RASIP1</i>	0.002050931	0.015611959	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>IZUMO1</i>	0.015897315	0.047344512	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>FUT1</i>	0.004265195	0.026606607	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>ZNF600</i>	0.001966757	0.041234029	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>ZNF304</i>	-0.001448943	0.027115786	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>TMC2</i>	0.021098522	0.043064742	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>FLRT3</i>	0.0020828	0.001381408	0.842878481	1
T2DM_insulin	duct_epithelial_cell	<i>MANBAL</i>	0.00063169	0.03034514	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>TTI1</i>	0.001248869	0.023521714	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>PTPRT</i>	0.00276165	0.017900004	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>PCBP3</i>	0.001725304	0.041670443	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>HIC2</i>	0.004366895	0.009938421	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>DRG1</i>	0.00160711	0.045174584	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>FAM118A</i>	-0.000972387	0.010404544	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>RIBC2</i>	0.014560079	0.035485264	0.910380292	1
T2DM_insulin	duct_epithelial_cell	<i>ATXN10</i>	0.000353249	0.043306224	0.910380292	1
T2DM_insulin	endothelial_cell	<i>LINC00115</i>	0.002173555	0.025825726	0.998388778	1
T2DM_insulin	endothelial_cell	<i>C1orf159</i>	0.004900359	0.030439237	0.998388778	1
T2DM_insulin	endothelial_cell	<i>FAM43B</i>	0.008242476	0.041117374	0.998388778	1
T2DM_insulin	endothelial_cell	<i>KDM1A</i>	-0.00084047	0.045582041	0.998388778	1
T2DM_insulin	endothelial_cell	<i>LURAP1</i>	0.006282734	0.044089985	0.998388778	1
T2DM_insulin	endothelial_cell	<i>PODN</i>	0.001122159	0.040016333	0.998388778	1
T2DM_insulin	endothelial_cell	<i>HFMI</i>	0.006537791	0.000341039	0.777899611	1

T2DM_insulin	endothelial_cell	<i>DRAM2</i>	0.00094064	0.007723928	0.998388778	1
T2DM_insulin	endothelial_cell	<i>CTSK</i>	-0.000945795	0.025697867	0.998388778	1
T2DM_insulin	endothelial_cell	<i>PM20D1</i>	0.004003732	0.017264852	0.998388778	1
T2DM_insulin	endothelial_cell	<i>NSL1</i>	0.000918184	0.032847545	0.998388778	1
T2DM_insulin	endothelial_cell	<i>TMEM63A</i>	0.004285077	0.00588923	0.998388778	1
T2DM_insulin	endothelial_cell	<i>ZNF678</i>	0.003027541	0.020050249	0.998388778	1
T2DM_insulin	endothelial_cell	<i>TMEM18</i>	-0.000629063	0.044560829	0.998388778	1
T2DM_insulin	endothelial_cell	<i>GEN1</i>	0.003296107	0.04174427	0.998388778	1
T2DM_insulin	endothelial_cell	<i>IL1R1</i>	0.000733234	0.034855133	0.998388778	1
T2DM_insulin	endothelial_cell	<i>SOWAHC</i>	0.001099216	0.033410342	0.998388778	1
T2DM_insulin	endothelial_cell	<i>CCDC115</i>	0.001188564	0.023171752	0.998388778	1
T2DM_insulin	endothelial_cell	<i>CERS6</i>	0.001095922	0.036490192	0.998388778	1
T2DM_insulin	endothelial_cell	<i>GAD1</i>	0.004010458	0.009229856	0.998388778	1
T2DM_insulin	endothelial_cell	<i>VIPR1</i>	-0.004140938	0.042469175	0.998388778	1
T2DM_insulin	endothelial_cell	<i>QRICH1</i>	0.000721128	0.040311284	0.998388778	1
T2DM_insulin	endothelial_cell	<i>GUCA1C</i>	0.013133018	0.024867851	0.998388778	1
T2DM_insulin	endothelial_cell	<i>GAP43</i>	0.004688288	0.032369318	0.998388778	1
T2DM_insulin	endothelial_cell	<i>UPK1B</i>	0.002718373	0.041223953	0.998388778	1
T2DM_insulin	endothelial_cell	<i>RBP1</i>	0.00028983	0.006318842	0.998388778	1
T2DM_insulin	endothelial_cell	<i>FGFRL1</i>	0.005185851	0.005905464	0.998388778	1
T2DM_insulin	endothelial_cell	<i>ARL9</i>	-0.002978853	0.038451591	0.998388778	1
T2DM_insulin	endothelial_cell	<i>SULT1E1</i>	0.000902369	0.033576504	0.998388778	1
T2DM_insulin	endothelial_cell	<i>CXCL6</i>	0.002602789	0.002949241	0.998388778	1
T2DM_insulin	endothelial_cell	<i>AMACR</i>	0.000950146	0.014518753	0.998388778	1
T2DM_insulin	endothelial_cell	<i>POC5</i>	0.001213251	0.035107069	0.998388778	1
T2DM_insulin	endothelial_cell	<i>DTWD2</i>	0.003994727	0.012005725	0.998388778	1
T2DM_insulin	endothelial_cell	<i>DMXL1</i>	0.002883923	0.002819405	0.998388778	1
T2DM_insulin	endothelial_cell	<i>SOWAHA</i>	0.001022139	0.022363438	0.998388778	1
T2DM_insulin	endothelial_cell	<i>SLC23A1</i>	0.009440233	0.038381064	0.998388778	1
T2DM_insulin	endothelial_cell	<i>HCG27</i>	0.006073668	0.037385078	0.998388778	1
T2DM_insulin	endothelial_cell	<i>KIF6</i>	0.012243226	0.004855161	0.998388778	1
T2DM_insulin	endothelial_cell	<i>PRPH2</i>	0.004738584	0.044699935	0.998388778	1
T2DM_insulin	endothelial_cell	<i>SLC17A5</i>	-0.000601164	0.047647777	0.998388778	1
T2DM_insulin	endothelial_cell	<i>REV3L</i>	-0.000792564	0.045574818	0.998388778	1
T2DM_insulin	endothelial_cell	<i>NUS1</i>	0.00052926	0.013460098	0.998388778	1
T2DM_insulin	endothelial_cell	<i>PLEKHG1</i>	0.001922343	0.034708931	0.998388778	1
T2DM_insulin	endothelial_cell	<i>TULP4</i>	0.000828929	0.021500507	0.998388778	1
T2DM_insulin	endothelial_cell	<i>DAGLB</i>	0.002431251	0.043082187	0.998388778	1
T2DM_insulin	endothelial_cell	<i>MBLAC1</i>	0.003289227	0.03032001	0.998388778	1
T2DM_insulin	endothelial_cell	<i>CLDN15</i>	-0.001381793	0.039165159	0.998388778	1
T2DM_insulin	endothelial_cell	<i>SPDYE6</i>	0.011279268	0.048492706	0.998388778	1
T2DM_insulin	endothelial_cell	<i>THAP5</i>	-0.000684864	0.030674647	0.998388778	1
T2DM_insulin	endothelial_cell	<i>REPIN1</i>	0.00071185	0.012488909	0.998388778	1
T2DM_insulin	endothelial_cell	<i>NCAPG2</i>	0.007014737	0.023284162	0.998388778	1
T2DM_insulin	endothelial_cell	<i>C8orf58</i>	0.00201144	0.032910549	0.998388778	1
T2DM_insulin	endothelial_cell	<i>BIN3</i>	0.001087798	0.026977286	0.998388778	1
T2DM_insulin	endothelial_cell	<i>PUF60</i>	0.000832303	0.027781364	0.998388778	1
T2DM_insulin	endothelial_cell	<i>CDC26</i>	0.001057919	0.027397195	0.998388778	1
T2DM_insulin	endothelial_cell	<i>BSPRY</i>	0.001243032	0.048657742	0.998388778	1
T2DM_insulin	endothelial_cell	<i>PSMD5</i>	0.002497093	0.004697218	0.998388778	1
T2DM_insulin	endothelial_cell	<i>NOXA1</i>	-0.002400816	0.028595126	0.998388778	1
T2DM_insulin	endothelial_cell	<i>ASAH2B</i>	0.00438299	0.037596005	0.998388778	1
T2DM_insulin	endothelial_cell	<i>MYPN</i>	0.009425616	0.043071706	0.998388778	1
T2DM_insulin	endothelial_cell	<i>DLG5</i>	0.00073835	0.048432856	0.998388778	1
T2DM_insulin	endothelial_cell	<i>SLC35G1</i>	0.00243756	0.026222959	0.998388778	1
T2DM_insulin	endothelial_cell	<i>SEMA4G</i>	-0.002914454	0.018716765	0.998388778	1

T2DM_insulin	endothelial_cell	<i>WBP1L</i>	0.002985151	0.012797675	0.998388778	1
T2DM_insulin	endothelial_cell	<i>PRAP1</i>	0.020402931	0.018903689	0.998388778	1
T2DM_insulin	endothelial_cell	<i>TRIM66</i>	0.002201914	0.017559515	0.998388778	1
T2DM_insulin	endothelial_cell	<i>LDHC</i>	0.010465558	0.014441692	0.998388778	1
T2DM_insulin	endothelial_cell	<i>TRAPPC4</i>	0.001036538	0.000415878	0.777899611	1
T2DM_insulin	endothelial_cell	<i>VPS11</i>	0.002338255	0.015026597	0.998388778	1
T2DM_insulin	endothelial_cell	<i>POU2F3</i>	0.005603307	0.005258404	0.998388778	1
T2DM_insulin	endothelial_cell	<i>FAM118B</i>	0.006603835	0.002105186	0.998388778	1
T2DM_insulin	endothelial_cell	<i>TEAD4</i>	0.002343392	0.004028719	0.998388778	1
T2DM_insulin	endothelial_cell	<i>PRR4</i>	0.003251821	0.044654127	0.998388778	1
T2DM_insulin	endothelial_cell	<i>TAS2R14</i>	0.005518981	0.040767729	0.998388778	1
T2DM_insulin	endothelial_cell	<i>SRGAP1</i>	0.000573951	0.043502296	0.998388778	1
T2DM_insulin	endothelial_cell	<i>GPR180</i>	0.000996535	0.043978901	0.998388778	1
T2DM_insulin	endothelial_cell	<i>RHOJ</i>	0.002280397	0.009812415	0.998388778	1
T2DM_insulin	endothelial_cell	<i>HSPA2</i>	0.00092162	0.021215737	0.998388778	1
T2DM_insulin	endothelial_cell	<i>TMEM63C</i>	0.007664364	0.002594988	0.998388778	1
T2DM_insulin	endothelial_cell	<i>DDX24</i>	0.000245563	0.033743183	0.998388778	1
T2DM_insulin	endothelial_cell	<i>CKB</i>	0.000375933	0.03079296	0.998388778	1
T2DM_insulin	endothelial_cell	<i>CEP170B</i>	-0.00120883	0.009356194	0.998388778	1
T2DM_insulin	endothelial_cell	<i>CHP1</i>	0.000810232	0.046157113	0.998388778	1
T2DM_insulin	endothelial_cell	<i>JMJD7</i>	0.005507735	0.001237675	0.998388778	1
T2DM_insulin	endothelial_cell	<i>PLA2G4B</i>	0.005767896	0.024835296	0.998388778	1
T2DM_insulin	endothelial_cell	<i>ELL3</i>	0.004478931	0.031885508	0.998388778	1
T2DM_insulin	endothelial_cell	<i>ULK3</i>	0.00342059	0.049335528	0.998388778	1
T2DM_insulin	endothelial_cell	<i>CIB2</i>	0.001977963	0.042741363	0.998388778	1
T2DM_insulin	endothelial_cell	<i>ALPK3</i>	0.000610632	0.005090204	0.998388778	1
T2DM_insulin	endothelial_cell	<i>AMDHD2</i>	0.00359043	0.030613922	0.998388778	1
T2DM_insulin	endothelial_cell	<i>AQP8</i>	-0.002316272	0.014937384	0.998388778	1
T2DM_insulin	endothelial_cell	<i>MT1A</i>	0.002307396	0.033354269	0.998388778	1
T2DM_insulin	endothelial_cell	<i>CLEC18A</i>	0.005669685	0.037422281	0.998388778	1
T2DM_insulin	endothelial_cell	<i>RAI1</i>	-0.001047935	0.03476728	0.998388778	1
T2DM_insulin	endothelial_cell	<i>DHRS11</i>	0.002049964	0.011268277	0.998388778	1
T2DM_insulin	endothelial_cell	<i>ARL5C</i>	0.001862798	0.041223728	0.998388778	1
T2DM_insulin	endothelial_cell	<i>BECN1</i>	0.000989624	0.004354112	0.998388778	1
T2DM_insulin	endothelial_cell	<i>COX11</i>	0.000492366	0.01491235	0.998388778	1
T2DM_insulin	endothelial_cell	<i>HLF</i>	0.001252982	0.024674564	0.998388778	1
T2DM_insulin	endothelial_cell	<i>CA4</i>	0.001189757	0.004892939	0.998388778	1
T2DM_insulin	endothelial_cell	<i>MRPL54</i>	-0.000540453	0.035132432	0.998388778	1
T2DM_insulin	endothelial_cell	<i>ZNF681</i>	0.002300154	0.009283634	0.998388778	1
T2DM_insulin	endothelial_cell	<i>MAG</i>	0.014615336	0.003984705	0.998388778	1
T2DM_insulin	endothelial_cell	<i>CD22</i>	0.006294505	0.00777697	0.998388778	1
T2DM_insulin	endothelial_cell	<i>LYPD5</i>	0.003322283	0.01958023	0.998388778	1
T2DM_insulin	endothelial_cell	<i>ZNF304</i>	-0.001323138	0.044249817	0.998388778	1
T2DM_insulin	endothelial_cell	<i>LIME1</i>	0.004341108	0.026186958	0.998388778	1
T2DM_insulin	endothelial_cell	<i>LCA5L</i>	0.002692216	0.044323279	0.998388778	1
T2DM_insulin	endothelial_cell	<i>SH3BGR</i>	0.002938293	0.008050712	0.998388778	1
T2DM_insulin	endothelial_cell	<i>PRDM15</i>	0.008536045	0.01306947	0.998388778	1
T2DM_insulin	epsilon_cell	<i>ZFP69</i>	0.008313714	0.015143029	0.999328334	1
T2DM_insulin	epsilon_cell	<i>PTBP2</i>	0.000982511	0.011238809	0.999328334	1
T2DM_insulin	epsilon_cell	<i>LRRC39</i>	0.003594846	0.023972144	0.999328334	1
T2DM_insulin	epsilon_cell	<i>RTCA</i>	-0.00090946	0.033370843	0.999328334	1
T2DM_insulin	epsilon_cell	<i>NUDT17</i>	-0.002234388	0.017899063	0.999328334	1
T2DM_insulin	epsilon_cell	<i>PAIP2B</i>	0.001161137	0.04410588	0.999328334	1
T2DM_insulin	epsilon_cell	<i>DNAH6</i>	0.002469948	0.04454633	0.999328334	1
T2DM_insulin	epsilon_cell	<i>GGCX</i>	-0.001232286	0.006416405	0.999328334	1
T2DM_insulin	epsilon_cell	<i>IL1R2</i>	0.002122391	0.018624518	0.999328334	1

T2DM_insulin	epsilon_cell	<i>IL1RL2</i>	0.004060226	0.035404728	0.999328334	1
T2DM_insulin	epsilon_cell	<i>CNTN4</i>	0.003324118	0.041118279	0.999328334	1
T2DM_insulin	epsilon_cell	<i>NT5DC2</i>	-0.000969237	0.036716163	0.999328334	1
T2DM_insulin	epsilon_cell	<i>GAP43</i>	-0.006864394	0.001727931	0.999328334	1
T2DM_insulin	epsilon_cell	<i>MRPL47</i>	-0.000561397	0.002630687	0.999328334	1
T2DM_insulin	epsilon_cell	<i>SLC51A</i>	0.006196267	0.042952317	0.999328334	1
T2DM_insulin	epsilon_cell	<i>DCAF16</i>	0.000626576	0.015283937	0.999328334	1
T2DM_insulin	epsilon_cell	<i>REEP5</i>	0.000262322	0.015449054	0.999328334	1
T2DM_insulin	epsilon_cell	<i>DOK3</i>	-0.006783749	0.005960928	0.999328334	1
T2DM_insulin	epsilon_cell	<i>ATXN1</i>	0.000875342	0.021449447	0.999328334	1
T2DM_insulin	epsilon_cell	<i>ZNF311</i>	0.0085627	0.030926465	0.999328334	1
T2DM_insulin	epsilon_cell	<i>ZFP57</i>	-0.005601218	0.044282113	0.999328334	1
T2DM_insulin	epsilon_cell	<i>HCG9</i>	0.013637368	0.013984615	0.999328334	1
T2DM_insulin	epsilon_cell	<i>HLA-DOB</i>	0.018298018	0.016521441	0.999328334	1
T2DM_insulin	epsilon_cell	<i>GLP1R</i>	0.004810427	0.04028139	0.999328334	1
T2DM_insulin	epsilon_cell	<i>CD2AP</i>	0.001686115	0.008379234	0.999328334	1
T2DM_insulin	epsilon_cell	<i>C6orf141</i>	0.003249281	0.032404178	0.999328334	1
T2DM_insulin	epsilon_cell	<i>AGR2</i>	0.003027345	0.040879995	0.999328334	1
T2DM_insulin	epsilon_cell	<i>ZNF107</i>	0.002302092	0.032036794	0.999328334	1
T2DM_insulin	epsilon_cell	<i>LINC00174</i>	-0.001988087	0.035782078	0.999328334	1
T2DM_insulin	epsilon_cell	<i>CLDN15</i>	0.0014909	0.02719412	0.999328334	1
T2DM_insulin	epsilon_cell	<i>LRWD1</i>	0.001275494	0.02379344	0.999328334	1
T2DM_insulin	epsilon_cell	<i>GIMAP6</i>	-0.001662186	0.023605787	0.999328334	1
T2DM_insulin	epsilon_cell	<i>ABCF2</i>	-0.000850921	0.041799582	0.999328334	1
T2DM_insulin	epsilon_cell	<i>ESRP1</i>	0.000960593	0.049832831	0.999328334	1
T2DM_insulin	epsilon_cell	<i>TMEM8B</i>	0.002240384	0.020912959	0.999328334	1
T2DM_insulin	epsilon_cell	<i>HRCT1</i>	0.008235637	0.02760217	0.999328334	1
T2DM_insulin	epsilon_cell	<i>GRHPR</i>	0.000655729	0.034666257	0.999328334	1
T2DM_insulin	epsilon_cell	<i>TXN</i>	0.00034044	0.047654252	0.999328334	1
T2DM_insulin	epsilon_cell	<i>DBH</i>	0.001316593	0.002089262	0.999328334	1
T2DM_insulin	epsilon_cell	<i>CAMK1D</i>	0.004345313	0.021513082	0.999328334	1
T2DM_insulin	epsilon_cell	<i>ALOX5</i>	-0.001684129	0.042730448	0.999328334	1
T2DM_insulin	epsilon_cell	<i>ARHGAP22</i>	0.007258498	0.03459039	0.999328334	1
T2DM_insulin	epsilon_cell	<i>WBP1L</i>	0.004316274	0.000306575	0.573447981	1
T2DM_insulin	epsilon_cell	<i>SMC3</i>	0.000825408	0.040789373	0.999328334	1
T2DM_insulin	epsilon_cell	<i>BTBD16</i>	0.013816821	0.030358936	0.999328334	1
T2DM_insulin	epsilon_cell	<i>LHPP</i>	-0.003283011	0.00857117	0.999328334	1
T2DM_insulin	epsilon_cell	<i>TMEM80</i>	0.002238927	0.015438514	0.999328334	1
T2DM_insulin	epsilon_cell	<i>TSPAN4</i>	0.002172038	0.027694373	0.999328334	1
T2DM_insulin	epsilon_cell	<i>SPTY2D1</i>	-0.00109282	0.012682266	0.999328334	1
T2DM_insulin	epsilon_cell	<i>SLC1A2</i>	0.003667814	0.020924103	0.999328334	1
T2DM_insulin	epsilon_cell	<i>CEP57</i>	0.000877018	0.023760569	0.999328334	1
T2DM_insulin	epsilon_cell	<i>SNX19</i>	0.001239217	0.014285632	0.999328334	1
T2DM_insulin	epsilon_cell	<i>SARNP</i>	0.001740968	0.001544698	0.999328334	1
T2DM_insulin	epsilon_cell	<i>MYRFL</i>	0.014514032	0.018770645	0.999328334	1
T2DM_insulin	epsilon_cell	<i>LIN7A</i>	0.008407802	0.016398841	0.999328334	1
T2DM_insulin	epsilon_cell	<i>CLPI1</i>	0.000514987	0.011335004	0.999328334	1
T2DM_insulin	epsilon_cell	<i>ATP12A</i>	-0.006955571	0.043894865	0.999328334	1
T2DM_insulin	epsilon_cell	<i>ABCC4</i>	0.003627684	0.012090765	0.999328334	1
T2DM_insulin	epsilon_cell	<i>GGACT</i>	0.005295581	0.014745535	0.999328334	1
T2DM_insulin	epsilon_cell	<i>JMJD7</i>	-0.004284453	0.011828738	0.999328334	1
T2DM_insulin	epsilon_cell	<i>SCAPER</i>	0.000978503	0.022751807	0.999328334	1
T2DM_insulin	epsilon_cell	<i>ALPK3</i>	0.000640963	0.003174014	0.999328334	1
T2DM_insulin	epsilon_cell	<i>AP3S2</i>	0.000653524	0.02576214	0.999328334	1
T2DM_insulin	epsilon_cell	<i>FES</i>	0.002691076	0.039990073	0.999328334	1
T2DM_insulin	epsilon_cell	<i>CCDC78</i>	-0.006641953	0.03654878	0.999328334	1

T2DM_insulin	epsilon_cell	<i>PLA2G10</i>	0.005420051	0.020126466	0.999328334	1
T2DM_insulin	epsilon_cell	<i>ATP2C2</i>	0.007636642	0.030014965	0.999328334	1
T2DM_insulin	epsilon_cell	<i>DEF8</i>	0.000578819	0.003319947	0.999328334	1
T2DM_insulin	epsilon_cell	<i>GEMIN4</i>	0.002983138	0.033037519	0.999328334	1
T2DM_insulin	epsilon_cell	<i>EIF5A</i>	0.000441708	0.020091797	0.999328334	1
T2DM_insulin	epsilon_cell	<i>SYNRG</i>	0.001403114	0.011333188	0.999328334	1
T2DM_insulin	epsilon_cell	<i>MED24</i>	0.002464849	0.003239009	0.999328334	1
T2DM_insulin	epsilon_cell	<i>KRT23</i>	0.002622919	0.009698358	0.999328334	1
T2DM_insulin	epsilon_cell	<i>PTRH2</i>	-0.001321741	0.010799541	0.999328334	1
T2DM_insulin	epsilon_cell	<i>USP36</i>	-0.000806463	0.042117456	0.999328334	1
T2DM_insulin	epsilon_cell	<i>ZNF396</i>	-0.001911044	0.035246276	0.999328334	1
T2DM_insulin	epsilon_cell	<i>NFATC1</i>	0.002755081	0.001993805	0.999328334	1
T2DM_insulin	epsilon_cell	<i>TXNL4A</i>	-0.000496261	0.031535507	0.999328334	1
T2DM_insulin	epsilon_cell	<i>ZNF555</i>	-0.001105474	0.008005532	0.999328334	1
T2DM_insulin	epsilon_cell	<i>ZNF556</i>	-0.006157881	0.008458465	0.999328334	1
T2DM_insulin	epsilon_cell	<i>SLC25A41</i>	0.020143532	0.000240931	0.573447981	0.901323884
T2DM_insulin	epsilon_cell	<i>DNMT1</i>	-0.001156782	0.043638003	0.999328334	1
T2DM_insulin	epsilon_cell	<i>ZNF429</i>	0.001403233	0.017648292	0.999328334	1
T2DM_insulin	epsilon_cell	<i>PPP1R13L</i>	-0.002324722	0.037324526	0.999328334	1
T2DM_insulin	epsilon_cell	<i>SLC6A16</i>	0.003751422	0.037551176	0.999328334	1
T2DM_insulin	epsilon_cell	<i>ZNF304</i>	0.00162703	0.013147327	0.999328334	1
T2DM_insulin	epsilon_cell	<i>ZSCAN18</i>	0.00108045	0.03282522	0.999328334	1
T2DM_insulin	epsilon_cell	<i>ZNF329</i>	0.001649235	0.017040168	0.999328334	1
T2DM_insulin	epsilon_cell	<i>NCOA6</i>	0.000733152	0.007733929	0.999328334	1
T2DM_insulin	epsilon_cell	<i>KCNG1</i>	0.004486273	0.01182087	0.999328334	1
T2DM_insulin	epsilon_cell	<i>COL18A1</i>	0.000909427	0.041185806	0.999328334	1
T2DM_insulin	epsilon_cell	<i>PCBP3</i>	-0.002451628	0.003854627	0.999328334	1
T2DM_insulin	epsilon_cell	<i>DDTL</i>	-0.007712635	0.04988312	0.999328334	1
T2DM_insulin	epsilon_cell	<i>SUSD2</i>	0.002479695	0.027108456	0.999328334	1
T2DM_insulin	epsilon_cell	<i>SGSM3</i>	0.002560879	0.012152342	0.999328334	1
T2DM_insulin	epsilon_cell	<i>TTLL12</i>	-0.002072156	0.011506597	0.999328334	1
T2DM_insulin	leukocyte	<i>AGTRAP</i>	0.001598451	0.002079242	0.928751008	1
T2DM_insulin	leukocyte	<i>MFAP2</i>	0.003220786	0.033693962	0.958776565	1
T2DM_insulin	leukocyte	<i>ZBTB40</i>	0.00204364	0.048423185	0.958776565	1
T2DM_insulin	leukocyte	<i>C1orf109</i>	0.001722224	0.000387114	0.645011089	1
T2DM_insulin	leukocyte	<i>SF3A3</i>	0.001899478	0.003155511	0.958776565	1
T2DM_insulin	leukocyte	<i>FHL3</i>	0.002137901	0.00883923	0.958776565	1
T2DM_insulin	leukocyte	<i>TNNI3K</i>	0.007981609	0.044991509	0.958776565	1
T2DM_insulin	leukocyte	<i>SNX7</i>	0.002253276	0.040938247	0.958776565	1
T2DM_insulin	leukocyte	<i>GPR88</i>	0.024815185	0.007140967	0.958776565	1
T2DM_insulin	leukocyte	<i>NBPF14</i>	0.003780888	0.046099193	0.958776565	1
T2DM_insulin	leukocyte	<i>ANGPTL1</i>	0.003100222	0.035256904	0.958776565	1
T2DM_insulin	leukocyte	<i>TSEN15</i>	0.000803694	0.033597668	0.958776565	1
T2DM_insulin	leukocyte	<i>PPP3R1</i>	0.000660942	0.0084851	0.958776565	1
T2DM_insulin	leukocyte	<i>REG3G</i>	0.000505024	0.012478673	0.958776565	1
T2DM_insulin	leukocyte	<i>CHMP3</i>	0.000584186	0.048122976	0.958776565	1
T2DM_insulin	leukocyte	<i>LYG1</i>	0.005798961	0.028367714	0.958776565	1
T2DM_insulin	leukocyte	<i>SH3RF3-AS1</i>	0.011274929	0.009153492	0.958776565	1
T2DM_insulin	leukocyte	<i>SOWAHC</i>	0.00124678	0.015823088	0.958776565	1
T2DM_insulin	leukocyte	<i>DUSP19</i>	0.009491129	0.02331501	0.958776565	1
T2DM_insulin	leukocyte	<i>GTF3C3</i>	0.001717288	0.018686259	0.958776565	1
T2DM_insulin	leukocyte	<i>TRAF3IP1</i>	0.000987552	0.010219307	0.958776565	1
T2DM_insulin	leukocyte	<i>LRRN1</i>	0.007343784	0.011675768	0.958776565	1
T2DM_insulin	leukocyte	<i>AMT</i>	0.002680712	0.045165112	0.958776565	1
T2DM_insulin	leukocyte	<i>NT5DC2</i>	-0.000996835	0.031428403	0.958776565	1
T2DM_insulin	leukocyte	<i>CCDC66</i>	0.001327289	0.031710775	0.958776565	1

T2DM_insulin	leukocyte	<i>ARHGEF3</i>	0.002414963	0.029101513	0.958776565	1
T2DM_insulin	leukocyte	<i>IL17RD</i>	-0.004102809	0.026680925	0.958776565	1
T2DM_insulin	leukocyte	<i>NMNAT3</i>	0.001498952	0.025348478	0.958776565	1
T2DM_insulin	leukocyte	<i>EPHB3</i>	0.005687166	0.019080567	0.958776565	1
T2DM_insulin	leukocyte	<i>MSX1</i>	0.001127842	0.026993146	0.958776565	1
T2DM_insulin	leukocyte	<i>NFXL1</i>	0.002908333	0.033080418	0.958776565	1
T2DM_insulin	leukocyte	<i>ARL9</i>	0.003193688	0.026254387	0.958776565	1
T2DM_insulin	leukocyte	<i>ANXA3</i>	0.001542471	0.042350421	0.958776565	1
T2DM_insulin	leukocyte	<i>ANXA10</i>	0.003300145	0.04078112	0.958776565	1
T2DM_insulin	leukocyte	<i>WDR17</i>	0.0033596	0.028960276	0.958776565	1
T2DM_insulin	leukocyte	<i>ZDHHC11B</i>	0.007436939	0.037450065	0.958776565	1
T2DM_insulin	leukocyte	<i>NSA2</i>	0.000339425	0.006986016	0.958776565	1
T2DM_insulin	leukocyte	<i>PDE8B</i>	0.001222006	0.024098734	0.958776565	1
T2DM_insulin	leukocyte	<i>PPIC</i>	0.001374468	0.029663329	0.958776565	1
T2DM_insulin	leukocyte	<i>LEAP2</i>	0.002066238	0.027343846	0.958776565	1
T2DM_insulin	leukocyte	<i>KLHL3</i>	-0.001200986	0.021448069	0.958776565	1
T2DM_insulin	leukocyte	<i>PCDHB1</i>	0.007000515	0.037237708	0.958776565	1
T2DM_insulin	leukocyte	<i>GALNT10</i>	0.001610816	0.036298339	0.958776565	1
T2DM_insulin	leukocyte	<i>PRELID1</i>	-0.000333606	0.034227692	0.958776565	1
T2DM_insulin	leukocyte	<i>TUBB2B</i>	0.001213697	0.047889132	0.958776565	1
T2DM_insulin	leukocyte	<i>DCDC2</i>	0.00179541	0.017144645	0.958776565	1
T2DM_insulin	leukocyte	<i>ZNF391</i>	0.005495507	0.039369116	0.958776565	1
T2DM_insulin	leukocyte	<i>ZSCAN31</i>	0.003325464	0.023174543	0.958776565	1
T2DM_insulin	leukocyte	<i>ZSCAN23</i>	0.006836462	0.037242551	0.958776565	1
T2DM_insulin	leukocyte	<i>ZFP57</i>	0.005547095	0.046333209	0.958776565	1
T2DM_insulin	leukocyte	<i>HLA-DQB2</i>	0.015459398	0.026504945	0.958776565	1
T2DM_insulin	leukocyte	<i>CCDC167</i>	0.001424405	0.039605785	0.958776565	1
T2DM_insulin	leukocyte	<i>NFYA</i>	0.002251373	0.016774786	0.958776565	1
T2DM_insulin	leukocyte	<i>GCLC</i>	0.001249326	0.028676817	0.958776565	1
T2DM_insulin	leukocyte	<i>LRRC1</i>	0.002083302	0.000256945	0.645011089	0.961231352
T2DM_insulin	leukocyte	<i>SMPD2</i>	-0.001686359	0.019045353	0.958776565	1
T2DM_insulin	leukocyte	<i>PHACTR2</i>	0.000608639	0.035219876	0.958776565	1
T2DM_insulin	leukocyte	<i>FNDC1</i>	0.006618214	0.027738167	0.958776565	1
T2DM_insulin	leukocyte	<i>KDELR2</i>	0.00034676	0.023397823	0.958776565	1
T2DM_insulin	leukocyte	<i>EPDR1</i>	0.003981696	0.00229477	0.928751008	1
T2DM_insulin	leukocyte	<i>VPS41</i>	0.001815533	0.048940944	0.958776565	1
T2DM_insulin	leukocyte	<i>SUMF2</i>	0.000694904	0.031725467	0.958776565	1
T2DM_insulin	leukocyte	<i>ZNF273</i>	0.001935954	0.015169787	0.958776565	1
T2DM_insulin	leukocyte	<i>STEAP1</i>	0.003266561	0.037991039	0.958776565	1
T2DM_insulin	leukocyte	<i>POLR2J2</i>	0.002141749	0.036689734	0.958776565	1
T2DM_insulin	leukocyte	<i>ZNF800</i>	0.000683175	0.015179913	0.958776565	1
T2DM_insulin	leukocyte	<i>GGH</i>	-0.002073144	0.043884236	0.958776565	1
T2DM_insulin	leukocyte	<i>RMDN1</i>	0.001900783	0.001293438	0.928245703	1
T2DM_insulin	leukocyte	<i>CDK20</i>	0.002276307	0.049132043	0.958776565	1
T2DM_insulin	leukocyte	<i>TMEM38B</i>	0.000855402	0.010070731	0.958776565	1
T2DM_insulin	leukocyte	<i>ZNF483</i>	0.000772701	0.008684084	0.958776565	1
T2DM_insulin	leukocyte	<i>SFTPD</i>	-0.006082245	0.010856309	0.958776565	1
T2DM_insulin	leukocyte	<i>PLAC9</i>	0.001196467	0.047381776	0.958776565	1
T2DM_insulin	leukocyte	<i>BTRC</i>	0.001581342	0.039355562	0.958776565	1
T2DM_insulin	leukocyte	<i>WBP1L</i>	0.002751682	0.019838935	0.958776565	1
T2DM_insulin	leukocyte	<i>IFITM1</i>	0.002600368	0.033042189	0.958776565	1
T2DM_insulin	leukocyte	<i>DEAF1</i>	0.000578037	0.038389513	0.958776565	1
T2DM_insulin	leukocyte	<i>ZNF195</i>	0.001311073	0.022822014	0.958776565	1
T2DM_insulin	leukocyte	<i>SCUBE2</i>	0.004152548	0.047979934	0.958776565	1
T2DM_insulin	leukocyte	<i>IGSF22</i>	0.001167143	0.012585788	0.958776565	1
T2DM_insulin	leukocyte	<i>NAALAD2</i>	0.016333237	0.002907573	0.958776565	1

T2DM_insulin	leukocyte	<i>MMP1</i>	-0.000932553	0.017419158	0.958776565	1
T2DM_insulin	leukocyte	<i>TEAD4</i>	0.001987372	0.015066706	0.958776565	1
T2DM_insulin	leukocyte	<i>FAM90A1</i>	0.009126362	0.001488766	0.928245703	1
T2DM_insulin	leukocyte	<i>TAS2R31</i>	0.00290034	0.02296414	0.958776565	1
T2DM_insulin	leukocyte	<i>CREBL2</i>	0.001387139	0.027055625	0.958776565	1
T2DM_insulin	leukocyte	<i>WNT10B</i>	0.013356411	0.049818405	0.958776565	1
T2DM_insulin	leukocyte	<i>SARNP</i>	-0.001102174	0.044986889	0.958776565	1
T2DM_insulin	leukocyte	<i>ACSS3</i>	0.006900819	0.032870918	0.958776565	1
T2DM_insulin	leukocyte	<i>CLIP1</i>	0.000548941	0.006968277	0.958776565	1
T2DM_insulin	leukocyte	<i>SCARB1</i>	0.00135998	0.04759629	0.958776565	1
T2DM_insulin	leukocyte	<i>ANKLE2</i>	0.000810408	0.042181072	0.958776565	1
T2DM_insulin	leukocyte	<i>RFC3</i>	0.001520117	0.011158954	0.958776565	1
T2DM_insulin	leukocyte	<i>CLEC14A</i>	0.001044115	0.007476559	0.958776565	1
T2DM_insulin	leukocyte	<i>BMP4</i>	0.002209224	0.007686739	0.958776565	1
T2DM_insulin	leukocyte	<i>ESR2</i>	0.004132201	0.019419403	0.958776565	1
T2DM_insulin	leukocyte	<i>HSPA2</i>	-0.000794903	0.043795997	0.958776565	1
T2DM_insulin	leukocyte	<i>GSTZ1</i>	0.003358072	0.00103348	0.928245703	1
T2DM_insulin	leukocyte	<i>TMED8</i>	0.000391018	0.027733261	0.958776565	1
T2DM_insulin	leukocyte	<i>GLRX5</i>	-0.000383481	0.026890289	0.958776565	1
T2DM_insulin	leukocyte	<i>MARK3</i>	-0.000449132	0.034429259	0.958776565	1
T2DM_insulin	leukocyte	<i>CKB</i>	-0.000411576	0.017765793	0.958776565	1
T2DM_insulin	leukocyte	<i>FMN1</i>	0.003892865	0.036186257	0.958776565	1
T2DM_insulin	leukocyte	<i>RPAP1</i>	0.002578113	0.028816273	0.958776565	1
T2DM_insulin	leukocyte	<i>ZSCAN29</i>	0.001929815	0.02773725	0.958776565	1
T2DM_insulin	leukocyte	<i>LINC00926</i>	-0.001444222	0.047976157	0.958776565	1
T2DM_insulin	leukocyte	<i>LIPC</i>	0.005441486	0.019189024	0.958776565	1
T2DM_insulin	leukocyte	<i>TRIP4</i>	0.001357428	0.032904251	0.958776565	1
T2DM_insulin	leukocyte	<i>NPRL3</i>	0.001635171	0.010614534	0.958776565	1
T2DM_insulin	leukocyte	<i>NAGPA</i>	0.002463216	0.007924552	0.958776565	1
T2DM_insulin	leukocyte	<i>NPIPA5</i>	0.007626683	0.048434061	0.958776565	1
T2DM_insulin	leukocyte	<i>SLC5A11</i>	0.007351817	0.037862753	0.958776565	1
T2DM_insulin	leukocyte	<i>MMP15</i>	0.002596997	0.012241112	0.958776565	1
T2DM_insulin	leukocyte	<i>ACSF3</i>	0.001199367	0.010395739	0.958776565	1
T2DM_insulin	leukocyte	<i>SLC22A31</i>	0.015165688	0.028494481	0.958776565	1
T2DM_insulin	leukocyte	<i>ZNF778</i>	0.001750057	0.003500502	0.958776565	1
T2DM_insulin	leukocyte	<i>ADORA2B</i>	0.008692458	0.038577152	0.958776565	1
T2DM_insulin	leukocyte	<i>COPRS</i>	0.000564743	0.016844553	0.958776565	1
T2DM_insulin	leukocyte	<i>KRT39</i>	0.020745363	0.008687008	0.958776565	1
T2DM_insulin	leukocyte	<i>NPEPPS</i>	-0.000575194	0.015163239	0.958776565	1
T2DM_insulin	leukocyte	<i>COX11</i>	0.000442879	0.027711688	0.958776565	1
T2DM_insulin	leukocyte	<i>LINC01152</i>	0.00730272	0.04207504	0.958776565	1
T2DM_insulin	leukocyte	<i>ITGB4</i>	0.006278202	0.038392122	0.958776565	1
T2DM_insulin	leukocyte	<i>CDK3</i>	-0.003347643	0.021859998	0.958776565	1
T2DM_insulin	leukocyte	<i>NPC1</i>	0.000958222	0.015698059	0.958776565	1
T2DM_insulin	leukocyte	<i>LAMA3</i>	0.003340832	0.010462323	0.958776565	1
T2DM_insulin	leukocyte	<i>ME2</i>	0.001771113	0.006936733	0.958776565	1
T2DM_insulin	leukocyte	<i>MRPL54</i>	0.000666006	0.009483768	0.958776565	1
T2DM_insulin	leukocyte	<i>GCDH</i>	0.002361888	0.024294783	0.958776565	1
T2DM_insulin	leukocyte	<i>ZNF507</i>	0.000759215	0.014209053	0.958776565	1
T2DM_insulin	leukocyte	<i>RHPN2</i>	0.001686738	0.032576617	0.958776565	1
T2DM_insulin	leukocyte	<i>NUMBL</i>	0.001365778	0.00051725	0.645011089	1
T2DM_insulin	leukocyte	<i>ITPKC</i>	0.001568803	0.001946751	0.928751008	1
T2DM_insulin	leukocyte	<i>ZNF233</i>	0.006611189	0.041449053	0.958776565	1
T2DM_insulin	leukocyte	<i>FUT2</i>	0.007212619	0.002482628	0.928751008	1
T2DM_insulin	leukocyte	<i>ZNF528</i>	0.001987886	0.01072231	0.958776565	1
T2DM_insulin	leukocyte	<i>PRKCG</i>	0.009259414	0.009198452	0.958776565	1

T2DM_insulin	leukocyte	<i>GP6</i>	0.007065487	0.00994612	0.958776565	1
T2DM_insulin	leukocyte	<i>MAPRE1</i>	0.000598937	0.038400131	0.958776565	1
T2DM_insulin	leukocyte	<i>MAP1LC3A</i>	0.000552587	0.047158087	0.958776565	1
T2DM_insulin	leukocyte	<i>TMEM50B</i>	0.000745382	0.038783264	0.958776565	1
T2DM_insulin	leukocyte	<i>MX2</i>	0.014526761	0.010435445	0.958776565	1
T2DM_insulin	leukocyte	<i>PWP2</i>	0.01032028	0.040925618	0.958776565	1
T2DM_insulin	leukocyte	<i>FTCD</i>	0.005100356	0.030528596	0.958776565	1
T2DM_insulin	leukocyte	<i>CCDC116</i>	0.009660632	0.048817387	0.958776565	1
T2DM_insulin	leukocyte	<i>TOB2</i>	0.001512106	0.008404674	0.958776565	1
T2DM_insulin	leukocyte	<i>CCDC134</i>	0.004013534	0.039778175	0.958776565	1
T2DM_insulin	leukocyte	<i>HDAC10</i>	0.003333826	0.009315833	0.958776565	1
T2DM_insulin	leukocyte	<i>SCO2</i>	0.001349474	0.005268705	0.958776565	1
T2DM_insulin	leukocyte	<i>RABL2B</i>	0.003249832	0.007383181	0.958776565	1
T2DM_insulin	mesenchymal_cell	<i>LINC00115</i>	0.002081264	0.032816656	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>CALML6</i>	-0.003219833	0.010964533	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>KLHDC7A</i>	0.005445487	0.019752201	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>OTUD3</i>	-0.001594277	0.022358444	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>LDLRAP1</i>	0.000835665	0.032561692	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>TRIM63</i>	0.005293303	0.021804984	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>EXO5</i>	0.002097447	0.036052828	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>PDZK1IP1</i>	0.002081486	0.01921525	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>OMAI</i>	0.002130695	0.02336756	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>PRKACB</i>	0.00075913	0.02723147	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>RBMXL1</i>	-0.001545165	0.040894053	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>DRI</i>	0.001073855	0.019621494	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>SLC25A24</i>	0.000980847	0.028860157	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>ST7L</i>	0.001482053	0.044420608	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>S100A1</i>	0.003327937	0.012002773	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>SUCO</i>	0.00075628	0.030294353	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>RABGAP1L</i>	0.000620551	0.046265751	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>TRMT1L</i>	0.003295171	0.020084237	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>LBR</i>	0.001256187	0.046284223	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>LINC01139</i>	0.015351883	0.023597237	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>ZNF496</i>	0.001027352	0.040762505	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>ATRAID</i>	0.000403598	0.014395868	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>CAD</i>	0.002424897	0.02666041	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>HTRA2</i>	0.001418501	0.012976536	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>KANSL3</i>	0.002220224	0.000975705	0.555080496	1
T2DM_insulin	mesenchymal_cell	<i>GCC2</i>	0.000572517	0.002221868	0.755637009	1
T2DM_insulin	mesenchymal_cell	<i>LIMS3</i>	0.010606393	0.030269255	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>CHCHD5</i>	-0.001023603	0.002755754	0.859106324	1
T2DM_insulin	mesenchymal_cell	<i>RABL2A</i>	0.00638616	0.014264961	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>TMEM185B</i>	0.001591104	0.038273627	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>ACMSD</i>	0.002626393	0.038605676	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>SLC38A11</i>	-0.008131282	0.003588786	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>CWC22</i>	0.000796228	0.026261168	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>C2orf72</i>	0.004783566	0.0426363	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>ALS2CL</i>	0.004812624	0.005727094	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>ALG1L</i>	0.005344716	0.030710787	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>P2RY12</i>	0.02041512	0.024044537	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>DLG1</i>	0.001336391	0.013013784	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>MSX1</i>	0.001026244	0.043042659	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>RPL9</i>	9.29E-05	0.040191562	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>UGT2B11</i>	0.014177099	0.006519109	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>DDIT4L</i>	0.007769405	0.041316087	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>ARFIP1</i>	0.000828589	0.023548739	0.972293345	1

T2DM_insulin	mesenchymal_cell	<i>DROSHA</i>	0.003225844	0.03551836	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>ERCC8</i>	0.002679408	0.035198568	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>MCC</i>	0.001447947	0.016432448	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>SLC22A5</i>	0.001821711	0.021271999	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>TXNDC5</i>	0.001651495	0.038338095	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>SLC17A4</i>	0.013710911	0.023509861	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>TRIM38</i>	0.002067219	0.014882325	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>HCG9</i>	0.01740197	0.001800888	0.673712193	1
T2DM_insulin	mesenchymal_cell	<i>VAR52</i>	0.002554107	0.047001463	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>SFTA2</i>	0.004710419	0.047715144	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>IP6K3</i>	0.017916703	0.008511307	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>SRSF12</i>	0.003463464	0.016123464	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>FAM221A</i>	0.001382383	0.039839497	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>STK17A</i>	0.000532394	0.031503654	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>SLC25A13</i>	-0.001102735	0.001038643	0.555080496	1
T2DM_insulin	mesenchymal_cell	<i>MBLAC1</i>	-0.00408946	0.007111997	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>PILRB</i>	0.002082047	9.27E-05	0.173382046	0.346764092
T2DM_insulin	mesenchymal_cell	<i>PILRA</i>	0.007320035	0.000217541	0.203455406	0.813821624
T2DM_insulin	mesenchymal_cell	<i>SAP25</i>	0.004176361	0.049170754	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>NRCAM</i>	0.000800136	0.015240868	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>TES</i>	0.001428318	0.001230803	0.575554042	1
T2DM_insulin	mesenchymal_cell	<i>IRF5</i>	0.00271043	0.037620339	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>ZNF786</i>	0.003601063	0.046900522	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>ARHGEF10</i>	0.004002732	0.031797804	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>NUDT18</i>	0.00392713	0.024320241	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>DDHD2</i>	0.001833976	0.006619906	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>RAB2A</i>	0.000439484	0.026537188	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>ESRP1</i>	0.001055625	0.031747769	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>TRMT12</i>	0.001089506	0.038103534	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>ST3GAL1</i>	0.002038321	0.030744861	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>EPPK1</i>	0.003066626	0.042818148	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>VPS28</i>	0.000831565	0.016532215	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>PTPRD</i>	0.002514827	0.020779641	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>MAMDC2</i>	0.005629124	0.020229951	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>OLFML2A</i>	0.007098092	8.74E-05	0.173382046	0.326806701
T2DM_insulin	mesenchymal_cell	<i>CDK9</i>	0.001354055	0.03484963	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>FPGS</i>	0.00122701	0.01129478	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>WDR37</i>	0.000616296	0.016149218	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>STOX1</i>	-0.003553601	0.043449828	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>MARVELD1</i>	0.002046738	0.04726085	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>SPRN</i>	0.002384936	0.005390375	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>IFITM3</i>	0.000334368	0.02088734	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>ANO9</i>	0.005761551	0.043538274	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>MUC6</i>	0.001755628	0.017148884	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>EIF3F</i>	0.000595017	0.004714617	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>SAAL1</i>	0.002753428	0.001702415	0.673712193	1
T2DM_insulin	mesenchymal_cell	<i>ALG8</i>	-0.001907326	0.03358671	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>NARS2</i>	-0.002019232	0.01886969	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>ARHGAP42</i>	0.002108949	0.042386538	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>PYROXD1</i>	0.000959507	0.041510149	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>CACNB3</i>	0.002994674	0.046652918	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>RACGAP1</i>	0.007446169	0.012203226	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>GALNT6</i>	0.008405508	0.01186321	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>CORO1C</i>	0.001756075	0.007949935	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>DTX1</i>	0.002521945	0.038386502	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>MPHOSPH8</i>	-0.000439285	0.01671375	0.972293345	1

T2DM_insulin	mesenchymal_cell	<i>IPO5</i>	0.000819877	0.005598867	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>PROZ</i>	0.014476847	0.014524741	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>PPP2R3C</i>	0.001197296	0.048761557	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>PAX9</i>	0.040813455	0.000466701	0.349185589	1
T2DM_insulin	mesenchymal_cell	<i>ATP6V1D</i>	0.000640942	0.047052555	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>GSTZ1</i>	0.002079283	0.041855572	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>IFI27L1</i>	0.001574059	0.041661294	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>RPAP1</i>	0.00241045	0.040761259	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>SPPL2A</i>	0.00064579	0.043014939	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>CGNL1</i>	-0.002450843	0.028953651	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>RPP25</i>	0.001185912	0.027115722	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>LYSMD4</i>	0.002222799	0.015021319	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>SOX8</i>	0.007257223	0.026197011	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>FLYWCHI</i>	0.002275811	0.006177083	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>YPEL3</i>	0.000697149	0.035694211	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>BCAR1</i>	0.00120436	0.046764483	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>MPHOSPH6</i>	-0.000753572	0.033018329	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>FANCA</i>	0.003636621	0.025462109	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>C17orf97</i>	-0.001566674	0.036393829	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>EFNB3</i>	0.001292983	0.018716695	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>CNTROB</i>	0.008179374	0.000190675	0.203455406	0.713313708
T2DM_insulin	mesenchymal_cell	<i>TRIM16</i>	0.001729442	0.019567616	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>MYO18A</i>	-0.001701039	0.023010561	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>CWC25</i>	0.000770142	0.011597478	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>NMT1</i>	0.000511753	0.03014344	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>LRRC46</i>	0.015073895	0.038404542	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>TEX14</i>	0.002212261	0.039078389	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>AMZ2</i>	0.002210528	0.017999165	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>TIMP2</i>	0.000800166	0.007576216	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>GAA</i>	0.001233457	0.037545429	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>EIF4A3</i>	0.001415768	0.009792995	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>FN3KRP</i>	0.003203901	0.013545266	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>TMEM241</i>	0.005357698	0.028384766	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>MRPL54</i>	-0.000562866	0.028802431	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>HNRNPM</i>	0.000552329	0.044552358	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>CCDC105</i>	0.000927235	0.04733563	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>LYPD5</i>	-0.002859775	0.043776225	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>ZNF223</i>	-0.001497062	0.039262911	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>PPP1R13L</i>	0.003212192	0.003866429	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>FUT2</i>	0.005032945	0.035004161	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>SLC6A16</i>	0.003655903	0.043517565	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>C19orf48</i>	0.002047445	0.017598225	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>VPS16</i>	0.002158577	0.037556518	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>KCNK15</i>	0.00476645	0.036256374	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>BCAS4</i>	0.001721087	0.042256186	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>PCMTD2</i>	-0.001026799	0.006451141	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>HMGNI</i>	-0.000245121	0.027933374	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>DDTL</i>	0.007854076	0.046360699	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>PESI</i>	0.001295804	0.047219767	0.972293345	1
T2DM_insulin	mesenchymal_cell	<i>TOMI</i>	0.001558172	0.004767719	0.972293345	1
T2DM_insulin	PP_cell	<i>NOC2L</i>	0.000796463	0.018781849	0.99921239	1
T2DM_insulin	PP_cell	<i>KDM1A</i>	0.000907061	0.031510308	0.99921239	1
T2DM_insulin	PP_cell	<i>GNG5</i>	0.000414282	0.003899478	0.99921239	1
T2DM_insulin	PP_cell	<i>CTBS</i>	0.001289396	0.007267126	0.99921239	1
T2DM_insulin	PP_cell	<i>ZNHIT6</i>	0.001478335	0.044831572	0.99921239	1
T2DM_insulin	PP_cell	<i>SNX7</i>	0.002230188	0.043749355	0.99921239	1

T2DM_insulin	PP_cell	<i>NTNG1</i>	0.006512828	0.021175556	0.99921239	1
T2DM_insulin	PP_cell	<i>S100A14</i>	0.001312831	0.049593451	0.99921239	1
T2DM_insulin	PP_cell	<i>SH2D2A</i>	0.008367493	0.029370419	0.99921239	1
T2DM_insulin	PP_cell	<i>GORAB</i>	0.001574862	0.015170338	0.99921239	1
T2DM_insulin	PP_cell	<i>ARID4B</i>	-0.000366765	0.031720438	0.99921239	1
T2DM_insulin	PP_cell	<i>GPR137B</i>	0.002496991	0.029410347	0.99921239	1
T2DM_insulin	PP_cell	<i>GGCX</i>	0.0012753	0.00471844	0.99921239	1
T2DM_insulin	PP_cell	<i>GNLY</i>	0.001436857	0.020328678	0.99921239	1
T2DM_insulin	PP_cell	<i>CHMP3</i>	0.000829536	0.005125845	0.99921239	1
T2DM_insulin	PP_cell	<i>RPIA</i>	0.001028647	0.043791767	0.99921239	1
T2DM_insulin	PP_cell	<i>MERTK</i>	-0.002167486	0.02833364	0.99921239	1
T2DM_insulin	PP_cell	<i>CWC22</i>	-0.000715892	0.045685218	0.99921239	1
T2DM_insulin	PP_cell	<i>SMARCAL1</i>	0.002320545	0.024799078	0.99921239	1
T2DM_insulin	PP_cell	<i>NT5DC2</i>	0.000955896	0.039451894	0.99921239	1
T2DM_insulin	PP_cell	<i>IFT57</i>	0.000530286	0.018033367	0.99921239	1
T2DM_insulin	PP_cell	<i>SLC12A8</i>	-0.003168463	0.046096952	0.99921239	1
T2DM_insulin	PP_cell	<i>LSG1</i>	-0.00224993	0.000419365	0.634717086	1
T2DM_insulin	PP_cell	<i>ZFYVE28</i>	0.005029657	0.025338952	0.99921239	1
T2DM_insulin	PP_cell	<i>ARL9</i>	-0.003796604	0.00808184	0.99921239	1
T2DM_insulin	PP_cell	<i>DROSHA</i>	-0.003835549	0.012139734	0.99921239	1
T2DM_insulin	PP_cell	<i>NPR3</i>	0.00296792	0.018334425	0.99921239	1
T2DM_insulin	PP_cell	<i>NSA2</i>	-0.000315537	0.011575129	0.99921239	1
T2DM_insulin	PP_cell	<i>F2R</i>	0.000882339	0.039221706	0.99921239	1
T2DM_insulin	PP_cell	<i>REEP5</i>	0.000212301	0.049355209	0.99921239	1
T2DM_insulin	PP_cell	<i>LEAP2</i>	0.001918144	0.039795302	0.99921239	1
T2DM_insulin	PP_cell	<i>PCDHA1</i>	-0.00351694	0.011191968	0.99921239	1
T2DM_insulin	PP_cell	<i>PCDHA4</i>	-0.006199713	0.017650312	0.99921239	1
T2DM_insulin	PP_cell	<i>SLU7</i>	0.000433338	0.015173904	0.99921239	1
T2DM_insulin	PP_cell	<i>ZFP57</i>	0.006892396	0.013234777	0.99921239	1
T2DM_insulin	PP_cell	<i>PPT2</i>	0.003914864	0.027557325	0.99921239	1
T2DM_insulin	PP_cell	<i>HLA-DOB</i>	0.020413816	0.007708457	0.99921239	1
T2DM_insulin	PP_cell	<i>GLP1R</i>	0.00594575	0.010945979	0.99921239	1
T2DM_insulin	PP_cell	<i>SLC25A27</i>	0.002888448	0.017833237	0.99921239	1
T2DM_insulin	PP_cell	<i>CLDN15</i>	0.001965773	0.003632601	0.99921239	1
T2DM_insulin	PP_cell	<i>COG5</i>	0.001130119	0.02807346	0.99921239	1
T2DM_insulin	PP_cell	<i>WASL</i>	0.00040579	0.043729725	0.99921239	1
T2DM_insulin	PP_cell	<i>PEX2</i>	-0.000850516	0.002438495	0.99921239	1
T2DM_insulin	PP_cell	<i>FXN</i>	-0.001180024	0.049996716	0.99921239	1
T2DM_insulin	PP_cell	<i>CAMK1D</i>	0.003811124	0.043151084	0.99921239	1
T2DM_insulin	PP_cell	<i>STOX1</i>	0.003509208	0.045562809	0.99921239	1
T2DM_insulin	PP_cell	<i>SEMA4G</i>	0.003154033	0.010956695	0.99921239	1
T2DM_insulin	PP_cell	<i>AS3MT</i>	0.002107174	0.049082326	0.99921239	1
T2DM_insulin	PP_cell	<i>JAKMIP3</i>	0.005746275	0.035096429	0.99921239	1
T2DM_insulin	PP_cell	<i>MS4A8</i>	0.002213837	0.015793378	0.99921239	1
T2DM_insulin	PP_cell	<i>GAL3ST3</i>	0.013286651	0.02022699	0.99921239	1
T2DM_insulin	PP_cell	<i>PLEKHB1</i>	0.001877512	0.04783448	0.99921239	1
T2DM_insulin	PP_cell	<i>FAM118B</i>	-0.005062496	0.02279529	0.99921239	1
T2DM_insulin	PP_cell	<i>GLB1L2</i>	-0.00417308	0.017141853	0.99921239	1
T2DM_insulin	PP_cell	<i>B3GAT1</i>	0.013447061	0.000817189	0.634717086	1
T2DM_insulin	PP_cell	<i>SMUG1</i>	0.003616541	0.006861793	0.99921239	1
T2DM_insulin	PP_cell	<i>RPS26</i>	0.000143732	0.038628917	0.99921239	1
T2DM_insulin	PP_cell	<i>TBC1D4</i>	0.002257025	0.007921973	0.99921239	1
T2DM_insulin	PP_cell	<i>LIN52</i>	0.002467675	0.000848325	0.634717086	1
T2DM_insulin	PP_cell	<i>GSTZ1</i>	-0.002144015	0.036332298	0.99921239	1
T2DM_insulin	PP_cell	<i>TRAF3</i>	0.001724713	0.022740616	0.99921239	1
T2DM_insulin	PP_cell	<i>SPATA5L1</i>	0.001759229	0.029070741	0.99921239	1

T2DM_insulin	PP_cell	<i>DMXL2</i>	0.001843086	0.026508325	0.99921239	1
T2DM_insulin	PP_cell	<i>TRIP4</i>	0.001596079	0.012827205	0.99921239	1
T2DM_insulin	PP_cell	<i>GOLGA6L10</i>	0.004666514	0.043897151	0.99921239	1
T2DM_insulin	PP_cell	<i>SV2B</i>	0.00261206	0.015442997	0.99921239	1
T2DM_insulin	PP_cell	<i>TRAF7</i>	0.002115367	0.004395078	0.99921239	1
T2DM_insulin	PP_cell	<i>NAGPA</i>	0.002278208	0.01381165	0.99921239	1
T2DM_insulin	PP_cell	<i>HSD3B7</i>	-0.002112878	0.016843443	0.99921239	1
T2DM_insulin	PP_cell	<i>CLEC18A</i>	0.005882296	0.030410274	0.99921239	1
T2DM_insulin	PP_cell	<i>PHLPP2</i>	0.000792268	0.028616923	0.99921239	1
T2DM_insulin	PP_cell	<i>USP6</i>	0.020866408	0.003968212	0.99921239	1
T2DM_insulin	PP_cell	<i>RHBDL3</i>	0.005878625	0.048835255	0.99921239	1
T2DM_insulin	PP_cell	<i>PGAP3</i>	-0.001437222	0.047557799	0.99921239	1
T2DM_insulin	PP_cell	<i>MED24</i>	0.001958564	0.018785635	0.99921239	1
T2DM_insulin	PP_cell	<i>SGCA</i>	-0.003251872	0.037083126	0.99921239	1
T2DM_insulin	PP_cell	<i>AMZ2</i>	0.002883283	0.001966307	0.99921239	1
T2DM_insulin	PP_cell	<i>WIPI1</i>	0.00106157	0.002439844	0.99921239	1
T2DM_insulin	PP_cell	<i>NUP85</i>	0.002719864	0.000640299	0.634717086	1
T2DM_insulin	PP_cell	<i>ITGB4</i>	0.007920748	0.00925593	0.99921239	1
T2DM_insulin	PP_cell	<i>CEP192</i>	0.001424333	0.048336588	0.99921239	1
T2DM_insulin	PP_cell	<i>PPP1R14A</i>	0.00330002	0.003297196	0.99921239	1
T2DM_insulin	PP_cell	<i>CXCL17</i>	0.007403396	0.000195595	0.634717086	0.731722028
T2DM_insulin	PP_cell	<i>ZNF229</i>	-0.001590426	0.019370415	0.99921239	1
T2DM_insulin	PP_cell	<i>FLRT3</i>	0.001504136	0.020764575	0.99921239	1
T2DM_insulin	PP_cell	<i>MAPRE1</i>	0.000737525	0.010285056	0.99921239	1
T2DM_insulin	PP_cell	<i>TTI1</i>	-0.001485796	0.007012691	0.99921239	1
T2DM_insulin	PP_cell	<i>VAPB</i>	-0.000589938	0.047980508	0.99921239	1
T2DM_insulin	PP_cell	<i>CDH4</i>	0.014292793	0.027894961	0.99921239	1
T2DM_insulin	PP_cell	<i>OGFR</i>	0.001397284	0.019592932	0.99921239	1
T2DM_insulin	PP_cell	<i>PCBP3</i>	-0.001895649	0.025117684	0.99921239	1
T2DM_insulin	PP_cell	<i>SLC2A11</i>	-0.003112679	0.031044506	0.99921239	1
T2DM_insulin	PP_cell	<i>MIOX</i>	0.008200586	0.001658682	0.99921239	1

c. Identified trait-associated genes from CTS TWAS analysis in subcutaneous adipose tissue

disorder	celltype	Genes	Estimates	Pvalues	Pvalues_BH	Pvalue_Bonferroni
Obesity	adipocyte	<i>A4GNT</i>	-0.070565519	0.028490621	0.486635175	1
Obesity	adipocyte	<i>ABHD12</i>	-0.004364491	0.046459489	0.625319615	1
Obesity	adipocyte	<i>ABRACL</i>	-0.009015781	0.043207726	0.594952461	1
Obesity	adipocyte	<i>ABTB2</i>	0.006988251	0.021074987	0.428381365	1
Obesity	adipocyte	<i>AC024940.1</i>	0.026821572	0.036717665	0.557150612	1
Obesity	adipocyte	<i>AC067945.3</i>	-0.012462105	0.002495761	0.134492287	1
Obesity	adipocyte	<i>AC092171.4</i>	-0.025291221	0.027701915	0.481240239	1
Obesity	adipocyte	<i>AD11</i>	0.003886704	0.028502802	0.486635175	1
Obesity	adipocyte	<i>ADSS</i>	-0.00513907	0.015493348	0.373031821	1
Obesity	adipocyte	<i>AGAP4</i>	-0.023046741	0.000221945	0.030809984	1
Obesity	adipocyte	<i>AGO2</i>	-0.005221813	0.017111663	0.383452537	1
Obesity	adipocyte	<i>AGRN</i>	-0.015352503	0.03836443	0.563235053	1
Obesity	adipocyte	<i>AKTIP</i>	0.008596977	0.005283948	0.225549075	1
Obesity	adipocyte	<i>AL132989.1</i>	-0.018653267	0.025166303	0.467539326	1
Obesity	adipocyte	<i>ALDOB</i>	-0.020537894	0.01365025	0.356217878	1
Obesity	adipocyte	<i>AMDHD1</i>	-0.016656978	0.038352979	0.563235053	1
Obesity	adipocyte	<i>ANGEL1</i>	-0.006073205	0.038008938	0.563235053	1
Obesity	adipocyte	<i>ANGEL2</i>	0.003368611	0.006944865	0.253064094	1
Obesity	adipocyte	<i>ANKRA2</i>	-0.005825443	0.009389148	0.293767282	1
Obesity	adipocyte	<i>ANKRD36B</i>	0.00323883	0.028316188	0.486257297	1
Obesity	adipocyte	<i>AP3B2</i>	-0.022304006	0.003630633	0.174973107	1
Obesity	adipocyte	<i>APAF1</i>	-0.003373827	0.008286736	0.279782692	1
Obesity	adipocyte	<i>ARFIP1</i>	0.002724448	0.026975356	0.479702884	1
Obesity	adipocyte	<i>ARPC2</i>	-0.001859406	0.006257909	0.246034636	1
Obesity	adipocyte	<i>ASAH2B</i>	-0.018474209	0.027169002	0.479702884	1
Obesity	adipocyte	<i>ASB14</i>	0.008000668	0.037318678	0.563172776	1
Obesity	adipocyte	<i>ASPG</i>	0.027337839	0.03771903	0.563235053	1
Obesity	adipocyte	<i>ATF5</i>	-0.017187314	0.000132029	0.021324434	0.789004062
Obesity	adipocyte	<i>ATL3</i>	-0.002866453	0.035834201	0.553346734	1
Obesity	adipocyte	<i>ATP10B</i>	-0.019320875	0.002077257	0.121192787	1
Obesity	adipocyte	<i>ATP8B3</i>	-0.035350296	0.011982951	0.336197721	1
Obesity	adipocyte	<i>ATP9A</i>	0.00278336	0.030917372	0.50758851	1
Obesity	adipocyte	<i>ATR</i>	-0.002525156	0.008796696	0.284157051	1
Obesity	adipocyte	<i>AURKC</i>	0.036082058	0.006437409	0.249241424	1
Obesity	adipocyte	<i>AVEN</i>	-0.007361499	0.002084529	0.121192787	1
Obesity	adipocyte	<i>B3GALT4</i>	0.007608684	0.011075188	0.321592381	1
Obesity	adipocyte	<i>BANF1</i>	-0.019038837	0.001847308	0.114019403	1
Obesity	adipocyte	<i>BCL2L1</i>	0.004431446	0.001674246	0.109948283	1
Obesity	adipocyte	<i>BDH1</i>	-0.012323203	4.95E-05	0.010945177	0.295519785
Obesity	adipocyte	<i>BIVM</i>	-0.009916905	0.032605075	0.523130164	1
Obesity	adipocyte	<i>BSCL2</i>	-0.07758275	0.001590538	0.108694688	1
Obesity	adipocyte	<i>BTNL3</i>	-0.013817948	0.034967694	0.545260422	1
Obesity	adipocyte	<i>C10orf107</i>	0.015255562	0.049070194	0.638874686	1
Obesity	adipocyte	<i>C17orf51</i>	0.022291812	0.013603639	0.356217878	1
Obesity	adipocyte	<i>C18orf32</i>	-0.007898571	0.036630194	0.557150612	1
Obesity	adipocyte	<i>C19orf33</i>	-0.09497283	2.64E-05	0.007170614	0.157753516
Obesity	adipocyte	<i>C21orf33</i>	-0.063856403	0.00071847	0.061336844	1
Obesity	adipocyte	<i>C9orf152</i>	0.023713486	0.001671703	0.109948283	1
Obesity	adipocyte	<i>CAMK2N1</i>	-0.017413116	0.000121582	0.021190156	0.726576514
Obesity	adipocyte	<i>CAMLG</i>	0.00546119	0.013212819	0.352499134	1

Obesity	adipocyte	<i>CARS</i>	-0.007063582	0.028022997	0.485407047	1
Obesity	adipocyte	<i>CAV3</i>	-0.01568205	0.002181839	0.124177796	1
Obesity	adipocyte	<i>CCDC117</i>	-0.020749059	3.55E-07	0.000353115	0.00211869
Obesity	adipocyte	<i>CCDC154</i>	0.016239983	0.000460122	0.04364589	1
Obesity	adipocyte	<i>CCDC71L</i>	-0.013869164	0.001904386	0.11495569	1
Obesity	adipocyte	<i>CCDC8</i>	-0.027548686	0.000887817	0.069385308	1
Obesity	adipocyte	<i>CD27</i>	0.013042688	2.34E-05	0.007123598	0.139798281
Obesity	adipocyte	<i>CD300C</i>	-0.026946954	0.029225663	0.486635175	1
Obesity	adipocyte	<i>CDRT4</i>	0.026988646	0.048863917	0.638874686	1
Obesity	adipocyte	<i>CECR2</i>	0.005125879	0.033768073	0.531641277	1
Obesity	adipocyte	<i>CENPV</i>	0.009281886	0.042733116	0.59127999	1
Obesity	adipocyte	<i>CEP19</i>	0.012676177	0.017785413	0.387903743	1
Obesity	adipocyte	<i>CEP192</i>	0.003103021	0.017442705	0.383452537	1
Obesity	adipocyte	<i>CEP85</i>	0.010909644	0.021303579	0.430101982	1
Obesity	adipocyte	<i>CEP89</i>	0.004240666	0.047375095	0.630938991	1
Obesity	adipocyte	<i>CERKL</i>	-0.018817309	0.024843259	0.466267006	1
Obesity	adipocyte	<i>CHDH</i>	0.04088698	0.003117834	0.155812048	1
Obesity	adipocyte	<i>CHEK1</i>	0.018765751	0.03184914	0.520028584	1
Obesity	adipocyte	<i>CILP2</i>	0.065759325	0.028930442	0.486635175	1
Obesity	adipocyte	<i>CITED4</i>	-0.018114883	0.046696776	0.627100979	1
Obesity	adipocyte	<i>CLCNKA</i>	0.067571129	0.000249925	0.031777687	1
Obesity	adipocyte	<i>CLEC4D</i>	-0.035096598	0.002960558	0.150470868	1
Obesity	adipocyte	<i>CLINT1</i>	0.005261205	0.008470824	0.281231349	1
Obesity	adipocyte	<i>CNGA4</i>	0.027823674	0.006093132	0.244216028	1
Obesity	adipocyte	<i>CNIH1</i>	-0.009199413	0.001011115	0.076486354	1
Obesity	adipocyte	<i>CNKSR1</i>	-0.042359841	0.006548009	0.249241424	1
Obesity	adipocyte	<i>COLCA1</i>	0.035468413	0.015636268	0.373137895	1
Obesity	adipocyte	<i>COLCA2</i>	0.018848737	0.027070467	0.479702884	1
Obesity	adipocyte	<i>CPSF4L</i>	-0.053942835	0.005983323	0.241596879	1
Obesity	adipocyte	<i>CPT2</i>	-0.008211167	0.001820048	0.114019403	1
Obesity	adipocyte	<i>CSRNPI</i>	-0.012752298	0.033209543	0.526419711	1
Obesity	adipocyte	<i>CUTC</i>	0.00444268	0.000688835	0.059659081	1
Obesity	adipocyte	<i>CWC15</i>	-0.005647074	0.047510466	0.630938991	1
Obesity	adipocyte	<i>CXCR4</i>	-0.007190595	0.002109111	0.121192787	1
Obesity	adipocyte	<i>CYB5RL</i>	0.018792414	0.006790118	0.252035694	1
Obesity	adipocyte	<i>CYP26B1</i>	0.008895795	0.036280526	0.557145612	1
Obesity	adipocyte	<i>CYP2C8</i>	-0.06261454	0.037607316	0.563235053	1
Obesity	adipocyte	<i>CYP4A11</i>	-0.022788781	0.008736545	0.283974519	1
Obesity	adipocyte	<i>CYP4B1</i>	0.005977861	0.032505918	0.523130164	1
Obesity	adipocyte	<i>CYP4X1</i>	0.005393387	0.032450891	0.523130164	1
Obesity	adipocyte	<i>CYP4Z1</i>	0.012532374	0.020032395	0.418578991	1
Obesity	adipocyte	<i>DCLRE1A</i>	0.022452039	0.002881163	0.148429547	1
Obesity	adipocyte	<i>DCXR</i>	-0.010126692	0.000894021	0.069385308	1
Obesity	adipocyte	<i>DDB2</i>	0.006777904	0.01463094	0.363276516	1
Obesity	adipocyte	<i>DHX57</i>	-0.008182519	0.000111776	0.020241561	0.667971513
Obesity	adipocyte	<i>DMKN</i>	0.016357476	0.010734496	0.321592381	1
Obesity	adipocyte	<i>DNAH5</i>	0.022452376	5.39E-08	8.05E-05	0.000321979
Obesity	adipocyte	<i>DNASE1L3</i>	0.010908764	0.008742534	0.283974519	1
Obesity	adipocyte	<i>DPYSL4</i>	-0.009297674	0.008865368	0.284835698	1
Obesity	adipocyte	<i>DRAM2</i>	-0.003624943	0.01601462	0.37587217	1
Obesity	adipocyte	<i>DROSHA</i>	0.00285473	0.038227336	0.563235053	1
Obesity	adipocyte	<i>DSTYK</i>	0.003106743	0.036733156	0.557150612	1

Obesity	adipocyte	<i>DUSP22</i>	-0.004012811	0.026344429	0.47852374	1
Obesity	adipocyte	<i>DZIP1</i>	-0.004484908	0.038490142	0.563235053	1
Obesity	adipocyte	<i>EIF3F</i>	0.007514409	1.55E-05	0.005463587	0.092880975
Obesity	adipocyte	<i>EIF4B</i>	-0.004428739	0.006611959	0.250082688	1
Obesity	adipocyte	<i>ELP3</i>	-0.00250167	0.041936382	0.589674861	1
Obesity	adipocyte	<i>EML3</i>	0.00904299	0.003128756	0.155812048	1
Obesity	adipocyte	<i>ENPP6</i>	-0.036087838	0.009510207	0.296005184	1
Obesity	adipocyte	<i>ENSA</i>	0.003452451	0.013179132	0.352499134	1
Obesity	adipocyte	<i>EP300</i>	0.001956739	0.018918306	0.405217899	1
Obesity	adipocyte	<i>EPCAM</i>	-0.030751275	0.01032445	0.314790363	1
Obesity	adipocyte	<i>EPDR1</i>	0.004681527	0.036574358	0.557150612	1
Obesity	adipocyte	<i>ERAP2</i>	0.005352926	0.000365402	0.038542367	1
Obesity	adipocyte	<i>ERCC6</i>	0.004482539	0.008172702	0.277914185	1
Obesity	adipocyte	<i>ETV4</i>	0.008121323	0.012671756	0.345782716	1
Obesity	adipocyte	<i>EXO5</i>	0.023028612	0.005724916	0.235863222	1
Obesity	adipocyte	<i>FAM117B</i>	-0.003670168	0.016270636	0.37587217	1
Obesity	adipocyte	<i>FAM118A</i>	-0.009579797	0.000833782	0.067333554	1
Obesity	adipocyte	<i>FAM149B1</i>	-0.005214953	0.00036977	0.038542367	1
Obesity	adipocyte	<i>FAM198A</i>	-0.024664974	0.013999653	0.357529592	1
Obesity	adipocyte	<i>FAM20B</i>	-0.005749314	0.014588955	0.363276516	1
Obesity	adipocyte	<i>FAM221A</i>	0.014371821	0.015239653	0.368713219	1
Obesity	adipocyte	<i>FAM47E</i>	0.022805479	0.002468659	0.134492287	1
Obesity	adipocyte	<i>FAP</i>	0.007572168	0.03115527	0.510092858	1
Obesity	adipocyte	<i>FARSA</i>	0.006737512	0.017392259	0.383452537	1
Obesity	adipocyte	<i>FASTKD1</i>	-0.004678099	0.03237618	0.523130164	1
Obesity	adipocyte	<i>FBXO36</i>	0.009917009	0.020896887	0.426666797	1
Obesity	adipocyte	<i>FBXW8</i>	0.004193954	0.000193509	0.028205158	1
Obesity	adipocyte	<i>FCERIA</i>	0.006327115	0.00672985	0.252035694	1
Obesity	adipocyte	<i>FCHSD1</i>	-0.010587027	0.000431908	0.043018066	1
Obesity	adipocyte	<i>FDFT1</i>	0.003421887	0.024595949	0.466267006	1
Obesity	adipocyte	<i>FGF17</i>	-0.095360047	0.002545041	0.134594403	1
Obesity	adipocyte	<i>FKBP15</i>	0.003691745	0.049241336	0.639709179	1
Obesity	adipocyte	<i>FKBP7</i>	-0.010240893	0.012531796	0.344709934	1
Obesity	adipocyte	<i>FKRP</i>	-0.015795933	9.99E-07	0.000746281	0.005970249
Obesity	adipocyte	<i>FLYWCH1</i>	-0.004582871	0.040709849	0.579242993	1
Obesity	adipocyte	<i>FOLR3</i>	0.020065807	0.049050023	0.638874686	1
Obesity	adipocyte	<i>FRS3</i>	-0.010800031	0.010430631	0.316413444	1
Obesity	adipocyte	<i>GABPB2</i>	-0.003161123	0.029593747	0.491256193	1
Obesity	adipocyte	<i>GALK1</i>	-0.018296879	0.000124106	0.021190156	0.741655463
Obesity	adipocyte	<i>GALR1</i>	0.033383792	3.99E-05	0.009167275	0.238349138
Obesity	adipocyte	<i>GDF9</i>	0.030159834	0.043903561	0.598838578	1
Obesity	adipocyte	<i>GDI2</i>	0.00275343	0.041099909	0.582021466	1
Obesity	adipocyte	<i>GNL3</i>	0.004962513	0.001255155	0.090371187	1
Obesity	adipocyte	<i>GOLIM4</i>	0.004343087	0.040193634	0.577261638	1
Obesity	adipocyte	<i>GPR39</i>	0.012869818	0.006170787	0.244216028	1
Obesity	adipocyte	<i>GPR84</i>	-0.006001836	0.001790058	0.114019403	1
Obesity	adipocyte	<i>GRIN3B</i>	-0.03960596	0.011193309	0.321592381	1
Obesity	adipocyte	<i>GS1-124K5.4</i>	-0.010845935	0.043352538	0.595574179	1
Obesity	adipocyte	<i>GSDMB</i>	-0.003701672	0.023267113	0.452289883	1
Obesity	adipocyte	<i>GSTM4</i>	-0.013927847	0.046295454	0.624518363	1
Obesity	adipocyte	<i>GUCA1B</i>	0.018051904	0.032028569	0.521533316	1
Obesity	adipocyte	<i>HAUS8</i>	-0.008193228	0.013629225	0.356217878	1

Obesity	adipocyte	<i>HCG20</i>	-0.035189878	0.001940098	0.115940266	1
Obesity	adipocyte	<i>HDHD2</i>	-0.015570571	0.014495619	0.363276516	1
Obesity	adipocyte	<i>HGD</i>	-0.024737255	0.025957043	0.474671764	1
Obesity	adipocyte	<i>HIST1H1D</i>	-0.019246291	0.007524275	0.264500384	1
Obesity	adipocyte	<i>HIST1H3E</i>	-0.029590393	2.38E-05	0.007123598	0.142471969
Obesity	adipocyte	<i>HMBS</i>	0.017610816	0.001606402	0.108694688	1
Obesity	adipocyte	<i>HMGN2</i>	0.007146798	0.016365904	0.37587217	1
Obesity	adipocyte	<i>HMOX2</i>	-0.006155224	0.000374073	0.038542367	1
Obesity	adipocyte	<i>HOXD9</i>	0.015447443	0.00688187	0.252608371	1
Obesity	adipocyte	<i>HRK</i>	-0.031646554	0.000458431	0.04364589	1
Obesity	adipocyte	<i>HSF2</i>	-0.00976248	0.000245728	0.031777687	1
Obesity	adipocyte	<i>HTR7</i>	-0.009404442	0.000298217	0.034752447	1
Obesity	adipocyte	<i>IL16</i>	-0.004426611	0.011160682	0.321592381	1
Obesity	adipocyte	<i>ING5</i>	-0.00281895	0.024124073	0.462152484	1
Obesity	adipocyte	<i>INPP5B</i>	0.006852015	0.000258706	0.032208878	1
Obesity	adipocyte	<i>INSIG2</i>	-0.009742906	0.01513332	0.367628939	1
Obesity	adipocyte	<i>IQGAP1</i>	-0.001265665	0.039381601	0.572583462	1
Obesity	adipocyte	<i>IRF6</i>	-0.027863124	0.038400704	0.563235053	1
Obesity	adipocyte	<i>ITGAV</i>	0.003240182	0.008178201	0.277914185	1
Obesity	adipocyte	<i>KCNS3</i>	0.01128384	0.027322875	0.479702884	1
Obesity	adipocyte	<i>KCTD2</i>	-0.005925685	0.043521391	0.596522547	1
Obesity	adipocyte	<i>KIAA0825</i>	0.002648418	0.008184889	0.277914185	1
Obesity	adipocyte	<i>KIAA1211L</i>	0.014548468	0.004423857	0.199171019	1
Obesity	adipocyte	<i>KLHDC10</i>	0.003557967	0.035062598	0.545260422	1
Obesity	adipocyte	<i>LACTB</i>	-0.003891229	0.036036277	0.555032967	1
Obesity	adipocyte	<i>LARS</i>	0.00427587	6.05E-05	0.011711525	0.361323787
Obesity	adipocyte	<i>LGR5</i>	-0.01584416	0.048445306	0.637646284	1
Obesity	adipocyte	<i>LIN7C</i>	-0.006677915	0.011664329	0.330965095	1
Obesity	adipocyte	<i>LINC00174</i>	0.005339584	0.00018841	0.028148461	1
Obesity	adipocyte	<i>LINC00205</i>	0.028744195	0.035219298	0.545260422	1
Obesity	adipocyte	<i>LINC00545</i>	-0.009066691	0.005762388	0.235863222	1
Obesity	adipocyte	<i>LINC00648</i>	0.009355636	0.016053646	0.37587217	1
Obesity	adipocyte	<i>LINC00672</i>	0.016413874	0.040866076	0.580084725	1
Obesity	adipocyte	<i>LINC00959</i>	-0.007294261	0.012817313	0.348164836	1
Obesity	adipocyte	<i>LIPC</i>	0.010292363	0.006430984	0.249241424	1
Obesity	adipocyte	<i>LIPT2</i>	0.029476319	0.040608081	0.579173972	1
Obesity	adipocyte	<i>LNPEP</i>	0.00229103	0.028776173	0.486635175	1
Obesity	adipocyte	<i>LPAR2</i>	-0.014670354	0.028957921	0.486635175	1
Obesity	adipocyte	<i>LRRC23</i>	-0.004860604	0.037479665	0.563235053	1
Obesity	adipocyte	<i>LRRC27</i>	-0.007561539	0.042262684	0.59127999	1
Obesity	adipocyte	<i>LSM7</i>	0.006150278	0.010983676	0.321592381	1
Obesity	adipocyte	<i>LSMEM1</i>	-0.012382275	0.047778038	0.633085483	1
Obesity	adipocyte	<i>LTF</i>	-0.026986425	0.001839666	0.114019403	1
Obesity	adipocyte	<i>LY6K</i>	-0.019072509	0.032972756	0.524056357	1
Obesity	adipocyte	<i>MARVELD3</i>	0.049239434	6.08E-05	0.011711525	0.363057278
Obesity	adipocyte	<i>MBLAC1</i>	0.031169191	0.019878149	0.418281058	1
Obesity	adipocyte	<i>MCAT</i>	0.026096039	0.032814279	0.524056357	1
Obesity	adipocyte	<i>MDM1</i>	0.004823636	0.008928373	0.285325975	1
Obesity	adipocyte	<i>MFSD1</i>	0.00424514	0.000299223	0.034752447	1
Obesity	adipocyte	<i>MFSD7</i>	0.010017342	0.006890088	0.252608371	1
Obesity	adipocyte	<i>MGRN1</i>	0.003549351	0.042733941	0.59127999	1
Obesity	adipocyte	<i>MMACHC</i>	0.016075427	0.023896643	0.460665602	1

Obesity	adipocyte	<i>MPND</i>	0.023591396	0.000601556	0.054468156	1
Obesity	adipocyte	<i>MRO</i>	-0.040582259	0.02331079	0.452289883	1
Obesity	adipocyte	<i>MROH6</i>	-0.035463132	0.002665522	0.13972948	1
Obesity	adipocyte	<i>MRPL18</i>	0.009296179	0.002971145	0.150470868	1
Obesity	adipocyte	<i>MRPS23</i>	0.015313771	0.014664593	0.363276516	1
Obesity	adipocyte	<i>MRT04</i>	0.009984536	0.012327759	0.341067991	1
Obesity	adipocyte	<i>MSH6</i>	0.003369744	0.025192045	0.467539326	1
Obesity	adipocyte	<i>MTMR9</i>	0.008999906	0.001284639	0.090453736	1
Obesity	adipocyte	<i>MTPAP</i>	0.004503971	0.042665702	0.59127999	1
Obesity	adipocyte	<i>MYCBPAP</i>	0.023535973	0.006528942	0.249241424	1
Obesity	adipocyte	<i>MYH7B</i>	-0.012993572	0.013831413	0.356530107	1
Obesity	adipocyte	<i>NAGA</i>	0.008677176	0.033725331	0.531641277	1
Obesity	adipocyte	<i>NDUFA6</i>	0.007755465	0.007297789	0.259592777	1
Obesity	adipocyte	<i>NDUFAF5</i>	-0.00590222	0.047433451	0.630938991	1
Obesity	adipocyte	<i>NEK11</i>	0.004439452	0.017013959	0.383452537	1
Obesity	adipocyte	<i>NEURL1B</i>	-0.003046977	0.032598014	0.523130164	1
Obesity	adipocyte	<i>NIPSNAP3B</i>	-0.008964171	0.018861969	0.405217899	1
Obesity	adipocyte	<i>NOC2L</i>	0.015713813	5.70E-07	0.000486921	0.00340845
Obesity	adipocyte	<i>NPHP4</i>	0.012833292	0.001225422	0.090371187	1
Obesity	adipocyte	<i>NQO2</i>	0.00557301	0.026437155	0.478752836	1
Obesity	adipocyte	<i>NRXN2</i>	-0.013011325	0.014089815	0.358300986	1
Obesity	adipocyte	<i>NT5DC2</i>	0.022343822	0.04864014	0.637646284	1
Obesity	adipocyte	<i>NT5DC3</i>	0.005862746	0.047317684	0.630938991	1
Obesity	adipocyte	<i>NUDCD2</i>	-0.012484346	0.005527156	0.232607636	1
Obesity	adipocyte	<i>NUDT16L1</i>	-0.007116747	0.034618028	0.541563705	1
Obesity	adipocyte	<i>NUDT18</i>	0.024324865	0.028582539	0.486635175	1
Obesity	adipocyte	<i>NUP54</i>	-0.004306396	0.032651866	0.523130164	1
Obesity	adipocyte	<i>NUP62</i>	-0.012785144	0.001502975	0.104439313	1
Obesity	adipocyte	<i>OCIAD1</i>	0.002624525	0.011099088	0.321592381	1
Obesity	adipocyte	<i>ODF2</i>	0.008017681	3.89E-06	0.002071634	0.023272423
Obesity	adipocyte	<i>ODF3L2</i>	0.055168087	0.038065593	0.563235053	1
Obesity	adipocyte	<i>OGDHL</i>	-0.014506654	0.022692313	0.44462054	1
Obesity	adipocyte	<i>OR51E1</i>	-0.022075995	0.004574129	0.201288679	1
Obesity	adipocyte	<i>OTUD3</i>	-0.010575159	0.022228515	0.442313359	1
Obesity	adipocyte	<i>OXR1</i>	0.003657247	0.001115419	0.08332179	1
Obesity	adipocyte	<i>P2RX6</i>	-0.022379806	0.019966827	0.418578991	1
Obesity	adipocyte	<i>PAFAH2</i>	-0.005844417	0.030404332	0.501923443	1
Obesity	adipocyte	<i>PANK2</i>	-0.003202765	0.035195074	0.545260422	1
Obesity	adipocyte	<i>PAQR6</i>	-0.040889678	0.004117387	0.193122732	1
Obesity	adipocyte	<i>PAX8</i>	0.005093441	0.033805838	0.531641277	1
Obesity	adipocyte	<i>PCDHB14</i>	0.01556363	0.026861144	0.479702884	1
Obesity	adipocyte	<i>PCDHB15</i>	-0.041683649	0.002311152	0.127883738	1
Obesity	adipocyte	<i>PCGF2</i>	0.015732686	0.01788062	0.388562121	1
Obesity	adipocyte	<i>PDE11A</i>	0.023924032	0.038998227	0.568422934	1
Obesity	adipocyte	<i>PDE6G</i>	-0.03858157	0.020919239	0.426666797	1
Obesity	adipocyte	<i>PDPN</i>	0.009829239	0.002101828	0.121192787	1
Obesity	adipocyte	<i>PEMT</i>	-0.010817755	0.016306298	0.37587217	1
Obesity	adipocyte	<i>PEX14</i>	0.002567176	0.04240307	0.59127999	1
Obesity	adipocyte	<i>PEX5</i>	-0.017263829	0.021875791	0.438690358	1
Obesity	adipocyte	<i>PHF19</i>	-0.010650573	0.043990987	0.598838578	1
Obesity	adipocyte	<i>PII6</i>	0.004822861	1.40E-06	0.000930737	0.008376631
Obesity	adipocyte	<i>PICALM</i>	-0.001588971	0.000832031	0.067333554	1

Obesity	adipocyte	<i>PIGK</i>	0.00722913	0.007078612	0.256374456	1
Obesity	adipocyte	<i>PIGN</i>	0.004083192	0.015542993	0.373031821	1
Obesity	adipocyte	<i>PIK3R4</i>	0.010951758	6.59E-11	3.94E-07	3.94E-07
Obesity	adipocyte	<i>PIP4K2B</i>	-0.010773227	0.026698308	0.479702884	1
Obesity	adipocyte	<i>PJA2</i>	-0.004151775	0.004152464	0.193122732	1
Obesity	adipocyte	<i>PKN1</i>	-0.007326362	2.63E-05	0.007170614	0.157452191
Obesity	adipocyte	<i>PLA2G12A</i>	-0.00632805	0.01666869	0.380198831	1
Obesity	adipocyte	<i>PLA2G4B</i>	0.063564318	0.000766118	0.064483398	1
Obesity	adipocyte	<i>PLCE1</i>	0.002389608	0.011741064	0.330965095	1
Obesity	adipocyte	<i>PLEC</i>	-0.003693	0.01982605	0.418281058	1
Obesity	adipocyte	<i>PLEKHM1</i>	-0.005258599	0.003905575	0.185235851	1
Obesity	adipocyte	<i>PLRG1</i>	-0.007332497	0.000316476	0.035023382	1
Obesity	adipocyte	<i>PNKD</i>	-0.004620297	0.011706492	0.330965095	1
Obesity	adipocyte	<i>PNLDC1</i>	0.059983289	0.008362608	0.280218114	1
Obesity	adipocyte	<i>PNMA1</i>	0.018078395	0.0247869	0.466267006	1
Obesity	adipocyte	<i>POC5</i>	-0.003704813	0.02488942	0.466267006	1
Obesity	adipocyte	<i>POLR2E</i>	0.008806951	0.008114563	0.277914185	1
Obesity	adipocyte	<i>PPIL2</i>	0.009047032	2.93E-08	5.83E-05	0.000174994
Obesity	adipocyte	<i>PPMIN</i>	0.011923407	0.012124359	0.338575565	1
Obesity	adipocyte	<i>PPME1</i>	0.004166271	0.008102913	0.277914185	1
Obesity	adipocyte	<i>PPP1R14A</i>	-0.005466276	0.04992633	0.645240168	1
Obesity	adipocyte	<i>PPP1R1C</i>	0.051973524	0.0024981	0.134492287	1
Obesity	adipocyte	<i>PPP2R5E</i>	-0.002717597	0.019356974	0.413133135	1
Obesity	adipocyte	<i>PRDX5</i>	0.005292739	0.037009292	0.559917793	1
Obesity	adipocyte	<i>PRKD3</i>	-0.003281594	0.009125428	0.288537349	1
Obesity	adipocyte	<i>PRR12</i>	0.007538639	0.028203791	0.485772547	1
Obesity	adipocyte	<i>PRSS27</i>	-0.104435007	0.00616512	0.244216028	1
Obesity	adipocyte	<i>PSD4</i>	-0.005930346	0.009837141	0.3030245	1
Obesity	adipocyte	<i>PSORS1C1</i>	0.020303626	0.000851803	0.067871663	1
Obesity	adipocyte	<i>PSORS1C2</i>	0.009459025	0.003444553	0.167354891	1
Obesity	adipocyte	<i>PSPH</i>	-0.009654163	0.000992978	0.076077377	1
Obesity	adipocyte	<i>PTCHD3</i>	0.027781189	0.017721936	0.387903743	1
Obesity	adipocyte	<i>PUS10</i>	-0.009292649	6.63E-05	0.012375023	0.396000752
Obesity	adipocyte	<i>PWP2</i>	-0.072971106	5.37E-05	0.011463769	0.320985526
Obesity	adipocyte	<i>PYGB</i>	-0.006274791	0.041304474	0.582630415	1
Obesity	adipocyte	<i>PYROXD2</i>	0.004985724	0.049728828	0.644640944	1
Obesity	adipocyte	<i>RAB5C</i>	-0.006134107	0.023057016	0.450289952	1
Obesity	adipocyte	<i>RABAC1</i>	-0.007423903	0.000683961	0.059659081	1
Obesity	adipocyte	<i>RABGEF1</i>	0.014612023	0.005266495	0.225549075	1
Obesity	adipocyte	<i>RABL2B</i>	0.006976618	0.015080089	0.367628939	1
Obesity	adipocyte	<i>RAD9A</i>	0.007086829	0.001286574	0.090453736	1
Obesity	adipocyte	<i>RALGAPA1</i>	0.001379102	0.026951987	0.479702884	1
Obesity	adipocyte	<i>RASL10B</i>	0.045243099	0.008743526	0.283974519	1
Obesity	adipocyte	<i>RBAK</i>	-0.018243031	0.006506663	0.249241424	1
Obesity	adipocyte	<i>RBBP9</i>	-0.019950239	0.025008923	0.467041632	1
Obesity	adipocyte	<i>RBFA</i>	-0.006320363	0.020756356	0.426254246	1
Obesity	adipocyte	<i>RBL2</i>	0.001637608	0.047984178	0.634410286	1
Obesity	adipocyte	<i>RCVRN</i>	0.105126241	4.82E-06	0.002217595	0.028828735
Obesity	adipocyte	<i>RET</i>	0.018035056	0.023871984	0.460665602	1
Obesity	adipocyte	<i>REXO1</i>	-0.009848153	1.28E-05	0.005084056	0.076260847
Obesity	adipocyte	<i>RFC3</i>	-0.005741372	0.005731759	0.235863222	1
Obesity	adipocyte	<i>RFFL</i>	0.009469775	0.022282549	0.442313359	1

Obesity	adipocyte	<i>RHBDL1</i>	-0.038129637	0.00725742	0.259592777	1
Obesity	adipocyte	<i>RIPK1</i>	-0.004270621	0.000128442	0.021321306	0.767567027
Obesity	adipocyte	<i>RNF217</i>	0.003947131	0.027676817	0.481240239	1
Obesity	adipocyte	<i>ROM1</i>	-0.028846897	0.02630367	0.47852374	1
Obesity	adipocyte	<i>RPL12</i>	0.00459004	0.002756712	0.143253141	1
Obesity	adipocyte	<i>RPL9</i>	0.007654416	0.02564687	0.47158676	1
Obesity	adipocyte	<i>RPS10</i>	-0.019000448	0.010774514	0.321592381	1
Obesity	adipocyte	<i>RRBP1</i>	0.002092527	0.044585845	0.605556846	1
Obesity	adipocyte	<i>RRP15</i>	0.008156765	0.000183962	0.028148461	1
Obesity	adipocyte	<i>RSRC1</i>	0.001878073	0.040599478	0.579173972	1
Obesity	adipocyte	<i>SI00A3</i>	0.074856221	0.029223486	0.486635175	1
Obesity	adipocyte	<i>SAR1A</i>	0.003694449	0.048124628	0.634862644	1
Obesity	adipocyte	<i>SASS6</i>	-0.010332465	0.004432688	0.199171019	1
Obesity	adipocyte	<i>SCGB3A1</i>	-0.069653816	0.028846071	0.486635175	1
Obesity	adipocyte	<i>SEMA4A</i>	0.007345263	0.005756242	0.235863222	1
Obesity	adipocyte	<i>SERF1A</i>	0.030697032	0.022024168	0.440188729	1
Obesity	adipocyte	<i>SGSH</i>	0.014612925	0.00161878	0.108694688	1
Obesity	adipocyte	<i>SH3TC2</i>	-0.018612578	0.004580466	0.201288679	1
Obesity	adipocyte	<i>SIGLEC11</i>	-0.021314026	0.024674411	0.466267006	1
Obesity	adipocyte	<i>SIPA1L3</i>	0.002001446	0.011176748	0.321592381	1
Obesity	adipocyte	<i>SLC22A16</i>	-0.049172014	0.004266393	0.196122787	1
Obesity	adipocyte	<i>SLC25A27</i>	-0.004481421	0.00934309	0.293767282	1
Obesity	adipocyte	<i>SLC25A32</i>	-0.00502493	0.024128443	0.462152484	1
Obesity	adipocyte	<i>SLC25A51</i>	-0.019152863	0.025464147	0.469672037	1
Obesity	adipocyte	<i>SLC26A10</i>	-0.016484083	0.038211253	0.563235053	1
Obesity	adipocyte	<i>SLC38A10</i>	-0.003484032	0.008547719	0.282216386	1
Obesity	adipocyte	<i>SLC44A5</i>	0.010874592	0.014654304	0.363276516	1
Obesity	adipocyte	<i>SLC7A9</i>	0.026176565	0.025973505	0.474671764	1
Obesity	adipocyte	<i>SMDT1</i>	0.00662101	0.037986056	0.563235053	1
Obesity	adipocyte	<i>SNRPF</i>	-0.009874705	0.032918168	0.524056357	1
Obesity	adipocyte	<i>SNX31</i>	-0.027162822	0.000576281	0.052982394	1
Obesity	adipocyte	<i>SOX7</i>	0.011986525	0.029018086	0.486635175	1
Obesity	adipocyte	<i>SP1</i>	0.003397773	0.039897857	0.576127088	1
Obesity	adipocyte	<i>SPAG7</i>	-0.008038367	0.004580867	0.201288679	1
Obesity	adipocyte	<i>SPATA2L</i>	-0.011803153	0.020152361	0.419183482	1
Obesity	adipocyte	<i>SPDL1</i>	0.011783514	0.040129993	0.577261638	1
Obesity	adipocyte	<i>SPHK2</i>	-0.008559624	0.000308213	0.034752447	1
Obesity	adipocyte	<i>SPPL3</i>	0.003968026	0.003243262	0.158866652	1
Obesity	adipocyte	<i>SPTBN5</i>	0.022679317	0.049990997	0.645240168	1
Obesity	adipocyte	<i>SPTLC1</i>	-0.006816063	0.018246319	0.395072473	1
Obesity	adipocyte	<i>SPTY2D1</i>	0.009926419	0.000305021	0.034752447	1
Obesity	adipocyte	<i>SSNA1</i>	-0.008153476	0.003181151	0.157112029	1
Obesity	adipocyte	<i>ST8SIA2</i>	0.033375331	0.014338679	0.363084503	1
Obesity	adipocyte	<i>STARD3NL</i>	0.007910839	0.000494857	0.046207254	1
Obesity	adipocyte	<i>STEAP4</i>	-0.001474448	0.024632272	0.466267006	1
Obesity	adipocyte	<i>STRN4</i>	0.016940298	2.25E-07	0.000268653	0.001343265
Obesity	adipocyte	<i>STUB1</i>	-0.007298486	0.014920449	0.366001047	1
Obesity	adipocyte	<i>SURF6</i>	0.009697456	1.27E-05	0.005084056	0.076066227
Obesity	adipocyte	<i>SYT7</i>	-0.020561823	0.021666125	0.435948701	1
Obesity	adipocyte	<i>TAF13</i>	-0.013528736	0.022626098	0.44462054	1
Obesity	adipocyte	<i>TAMM41</i>	-0.003576762	0.042156105	0.59127999	1
Obesity	adipocyte	<i>TARS</i>	-0.006242674	0.038548048	0.563235053	1

Obesity	adipocyte	<i>TBCEL</i>	-0.005507324	0.042930506	0.592500474	1
Obesity	adipocyte	<i>TBP</i>	0.01528797	0.000662423	0.059084188	1
Obesity	adipocyte	<i>TBX6</i>	-0.036767497	0.004397257	0.199171019	1
Obesity	adipocyte	<i>TCTEX1D1</i>	-0.018266458	0.013824932	0.356530107	1
Obesity	adipocyte	<i>TEKT5</i>	-0.065663686	0.000243254	0.031777687	1
Obesity	adipocyte	<i>TEX261</i>	-0.011055398	0.001242066	0.090371187	1
Obesity	adipocyte	<i>TF</i>	0.032876332	2.31E-05	0.007123598	0.138305111
Obesity	adipocyte	<i>THOC3</i>	-0.007588377	0.047371341	0.630938991	1
Obesity	adipocyte	<i>TIMM10</i>	-0.011328839	0.039912419	0.576127088	1
Obesity	adipocyte	<i>TLE1</i>	-0.002039348	0.0437375	0.598112814	1
Obesity	adipocyte	<i>TMBIM1</i>	-0.005855486	0.009057864	0.287924456	1
Obesity	adipocyte	<i>TMC4</i>	-0.015488718	0.020201614	0.419183482	1
Obesity	adipocyte	<i>TMCC2</i>	0.016502552	0.048655741	0.637646284	1
Obesity	adipocyte	<i>TMED9</i>	0.008254274	0.041337901	0.582630415	1
Obesity	adipocyte	<i>TMEM184A</i>	0.026814977	0.025349527	0.469005493	1
Obesity	adipocyte	<i>TMEM206</i>	-0.01054277	3.58E-05	0.008565471	0.214136777
Obesity	adipocyte	<i>TMEM260</i>	0.00293998	0.003803189	0.181822859	1
Obesity	adipocyte	<i>TMEM50B</i>	0.005256731	0.005510091	0.232607636	1
Obesity	adipocyte	<i>TMEM74B</i>	0.013523469	0.008393414	0.280218114	1
Obesity	adipocyte	<i>TMX1</i>	0.00650207	0.017414571	0.383452537	1
Obesity	adipocyte	<i>TNFRSF11B</i>	0.027965433	2.25E-06	0.001345119	0.013451192
Obesity	adipocyte	<i>TNPO2</i>	-0.006551869	5.72E-05	0.011711525	0.341707479
Obesity	adipocyte	<i>TOMM40</i>	-0.006931287	0.028206672	0.485772547	1
Obesity	adipocyte	<i>TOR1B</i>	-0.017656759	0.010865619	0.321592381	1
Obesity	adipocyte	<i>TOR3A</i>	0.008611008	0.004168814	0.193122732	1
Obesity	adipocyte	<i>TP63</i>	0.012459825	0.00252702	0.134594403	1
Obesity	adipocyte	<i>TRAK1</i>	-0.00236141	0.01573473	0.373137895	1
Obesity	adipocyte	<i>TRAPPC11</i>	-0.005632132	0.005215744	0.225549075	1
Obesity	adipocyte	<i>TRIM4</i>	-0.006716279	0.001742579	0.113191881	1
Obesity	adipocyte	<i>TRIM63</i>	0.013420543	0.000443599	0.043458119	1
Obesity	adipocyte	<i>TRIML2</i>	-0.045413591	0.042743132	0.59127999	1
Obesity	adipocyte	<i>TRMT61B</i>	0.003437819	0.039475299	0.572583462	1
Obesity	adipocyte	<i>TSLP</i>	0.018994833	0.017046258	0.383452537	1
Obesity	adipocyte	<i>TSPAN15</i>	-0.006911232	4.16E-06	0.002071634	0.024859604
Obesity	adipocyte	<i>TTC3</i>	0.002420573	0.020729978	0.426254246	1
Obesity	adipocyte	<i>TTC32</i>	0.010814673	0.027452876	0.479702884	1
Obesity	adipocyte	<i>TTC4</i>	0.015847471	0.030893093	0.50758851	1
Obesity	adipocyte	<i>TTLL6</i>	0.032366461	0.004974651	0.216996437	1
Obesity	adipocyte	<i>TTPA</i>	0.012372619	0.02923394	0.486635175	1
Obesity	adipocyte	<i>TVP23B</i>	-0.009101059	0.022352516	0.442313359	1
Obesity	adipocyte	<i>U91324.1</i>	-0.017665391	0.013061529	0.351602236	1
Obesity	adipocyte	<i>UBE2I</i>	-0.005352329	0.027199973	0.479702884	1
Obesity	adipocyte	<i>UBE3B</i>	-0.003743113	0.02729988	0.479702884	1
Obesity	adipocyte	<i>UBL7</i>	0.014821598	0.007726421	0.270018092	1
Obesity	adipocyte	<i>UBXN6</i>	-0.01265888	0.002308748	0.127883738	1
Obesity	adipocyte	<i>UCP3</i>	-0.075115322	2.77E-05	0.007186134	0.165281084
Obesity	adipocyte	<i>ULK3</i>	0.006668503	0.019600833	0.415370838	1
Obesity	adipocyte	<i>ULK4</i>	0.002870453	0.020591771	0.425800771	1
Obesity	adipocyte	<i>UPB1</i>	-0.014468973	0.045219235	0.612766773	1
Obesity	adipocyte	<i>UPK1A</i>	-0.039777169	0.01347512	0.356217878	1
Obesity	adipocyte	<i>USP42</i>	-0.00798531	0.013861466	0.356530107	1
Obesity	adipocyte	<i>USP6</i>	0.036972286	0.000215989	0.03073208	1

Obesity	adipocyte	<i>VANGL2</i>	0.031460766	0.009621119	0.297905749	1
Obesity	adipocyte	<i>VCP</i>	0.003389282	0.033928941	0.53217677	1
Obesity	adipocyte	<i>VDAC2</i>	-0.019689595	0.002232256	0.125848709	1
Obesity	adipocyte	<i>WDR17</i>	-0.006151089	0.015957684	0.37587217	1
Obesity	adipocyte	<i>WDR18</i>	0.014634317	0.015675773	0.373137895	1
Obesity	adipocyte	<i>WDR24</i>	-0.014457386	0.001850717	0.114019403	1
Obesity	adipocyte	<i>YBEY</i>	0.012910879	0.01296186	0.350498083	1
Obesity	adipocyte	<i>ZBTB7B</i>	-0.00960095	0.017452994	0.383452537	1
Obesity	adipocyte	<i>ZC3H12C</i>	0.004781782	0.000821936	0.067333554	1
Obesity	adipocyte	<i>ZFP28</i>	-0.00766787	0.022489961	0.443564385	1
Obesity	adipocyte	<i>ZFP62</i>	0.013735521	0.001893723	0.11495569	1
Obesity	adipocyte	<i>ZNF131</i>	0.004941801	0.016335469	0.37587217	1
Obesity	adipocyte	<i>ZNF215</i>	0.016959807	0.013900856	0.356530107	1
Obesity	adipocyte	<i>ZNF232</i>	0.028411519	0.005941533	0.241541511	1
Obesity	adipocyte	<i>ZNF248</i>	0.00509635	0.007382922	0.261067123	1
Obesity	adipocyte	<i>ZNF25</i>	0.007032881	0.017232617	0.383452537	1
Obesity	adipocyte	<i>ZNF254</i>	0.004957408	0.007255853	0.259592777	1
Obesity	adipocyte	<i>ZNF260</i>	0.010148871	0.000226847	0.030809984	1
Obesity	adipocyte	<i>ZNF30</i>	-0.010501163	0.00677229	0.252035694	1
Obesity	adipocyte	<i>ZNF417</i>	0.013451759	0.017090005	0.383452537	1
Obesity	adipocyte	<i>ZNF436</i>	-0.014301143	0.013286208	0.352881696	1
Obesity	adipocyte	<i>ZNF547</i>	-0.044617997	0.012257021	0.340688188	1
Obesity	adipocyte	<i>ZNF577</i>	0.004626553	0.010057057	0.308210131	1
Obesity	adipocyte	<i>ZNF582-AS1</i>	-0.018141076	0.027373676	0.479702884	1
Obesity	adipocyte	<i>ZNF593</i>	-0.017427039	0.014943818	0.366001047	1
Obesity	adipocyte	<i>ZNF652</i>	0.002052391	0.046289635	0.624518363	1
Obesity	adipocyte	<i>ZNF79</i>	-0.017811868	3.43E-05	0.008529073	0.20469774
Obesity	adipocyte	<i>ZNF792</i>	0.017785634	0.036359904	0.557145612	1
Obesity	adipocyte	<i>CWH43</i>	-0.037162119	0.040280807	0.577261638	1
Obesity	adipocyte	<i>CYP2C9</i>	-0.027043184	0.01257476	0.344709934	1
Obesity	adipocyte	<i>CYP4A22</i>	0.05388852	0.029994828	0.496534876	1
Obesity	adipocyte	<i>FAM205A</i>	-0.080377797	0.017292701	0.383452537	1
Obesity	adipocyte	<i>LINC01050</i>	-0.024506414	0.019487723	0.414443541	1
Obesity	adipocyte	<i>TP53TG3D</i>	-0.085785373	0.000383897	0.038884259	1
Obesity	adipocyte	<i>NPTX2</i>	-0.070721059	0.010957424	0.321592381	1
Obesity	adipocyte	<i>SERPINA3</i>	0.008060577	0.014710997	0.363276516	1
Obesity	adipocyte	<i>BIRC7</i>	0.027667456	0.027207472	0.479702884	1
Obesity	adipocyte	<i>C11orf53</i>	0.049512748	0.016416104	0.37587217	1
Obesity	adipocyte	<i>CYP7A1</i>	0.077152929	0.024309274	0.464128494	1
Obesity	adipocyte	<i>LCN2</i>	0.022531322	2.88E-09	8.62E-06	1.72E-05
Obesity	adipocyte	<i>OR2AE1</i>	0.009433834	1.38E-05	0.005148531	0.0823765
Obesity	adipocyte	<i>SLC12A5</i>	0.067411177	0.016339947	0.37587217	1
Obesity	adipocyte	<i>ADAD2</i>	-0.009258512	0.000165629	0.026047309	0.989797737
Obesity	adipocyte	<i>FOXI2</i>	-0.063866553	0.000276759	0.033753274	1
Obesity	adipocyte	<i>KRT4</i>	-0.100153839	0.021179403	0.42904445	1
Obesity	adipocyte	<i>TBC1D26</i>	-0.006599215	0.018415282	0.397291424	1
Obesity	adipocyte	<i>PDE6H</i>	-0.013034857	0.000361943	0.038542367	1
Obesity	adipocyte	<i>CYP11A1</i>	0.014757283	0.011552825	0.330333409	1
Obesity	adipocyte	<i>NKX6-1</i>	-0.007600992	0.01057081	0.319046265	1
Obesity	ASPC	<i>A4GALT</i>	0.006609174	0.044365518	0.626780935	1
Obesity	ASPC	<i>ABHD12</i>	0.009055441	3.84E-05	0.011464478	0.229289569
Obesity	ASPC	<i>AC006111.1</i>	0.028142801	0.037168609	0.578667129	1

Obesity	ASPC	<i>AC107021.1</i>	0.004841227	0.011907196	0.324843107	1
Obesity	ASPC	<i>AC147651.3</i>	-0.023710782	0.003485345	0.166627375	1
Obesity	ASPC	<i>ACAD9</i>	0.011154578	0.012121823	0.324843107	1
Obesity	ASPC	<i>ACBD5</i>	-0.004835343	0.003376374	0.16404238	1
Obesity	ASPC	<i>ADAMTS12</i>	0.001321289	0.045866419	0.634485467	1
Obesity	ASPC	<i>ADAT1</i>	0.008077937	0.002159429	0.127769797	1
Obesity	ASPC	<i>ADO</i>	-0.023757305	0.008844225	0.287704053	1
Obesity	ASPC	<i>ADORA2B</i>	0.011699195	0.004191568	0.18454918	1
Obesity	ASPC	<i>AFF4</i>	0.00440975	0.001346132	0.094641018	1
Obesity	ASPC	<i>AGRN</i>	0.021041867	0.004503909	0.188263522	1
Obesity	ASPC	<i>AKAP3</i>	0.038224448	0.010060653	0.299116739	1
Obesity	ASPC	<i>AL590822.1</i>	0.012033931	0.016354437	0.379939623	1
Obesity	ASPC	<i>ALPK3</i>	0.005976287	0.018544965	0.402460582	1
Obesity	ASPC	<i>AMZ2</i>	-0.008615752	0.03164471	0.537704841	1
Obesity	ASPC	<i>ANGEL1</i>	-0.007279625	0.012895054	0.335424214	1
Obesity	ASPC	<i>ANKRD40</i>	0.01254583	0.001025766	0.080476523	1
Obesity	ASPC	<i>ANKRD50</i>	-0.008819839	0.014196639	0.354975384	1
Obesity	ASPC	<i>ANP32A</i>	-0.004798061	0.009002351	0.287704053	1
Obesity	ASPC	<i>AP2S1</i>	-0.009926346	0.00660206	0.245955295	1
Obesity	ASPC	<i>AP3M2</i>	-0.005470204	0.004358783	0.186669635	1
Obesity	ASPC	<i>AP3S2</i>	0.005368399	0.023317849	0.448062583	1
Obesity	ASPC	<i>APOBEC3D</i>	0.016416792	0.043567432	0.621381792	1
Obesity	ASPC	<i>AQP3</i>	-0.013749174	0.006474984	0.243361668	1
Obesity	ASPC	<i>ARHGEF37</i>	-0.005984068	0.032822067	0.545804523	1
Obesity	ASPC	<i>ARL6IP1</i>	-0.005165246	0.03643577	0.574512307	1
Obesity	ASPC	<i>ASGR2</i>	0.017577038	0.002754457	0.15101502	1
Obesity	ASPC	<i>ASPG</i>	0.028398501	0.030881438	0.531837098	1
Obesity	ASPC	<i>ASXL2</i>	-0.003836487	0.021910762	0.433571904	1
Obesity	ASPC	<i>ATE1</i>	0.002992425	0.036867753	0.578667129	1
Obesity	ASPC	<i>ATF5</i>	-0.011933191	0.00792271	0.268624613	1
Obesity	ASPC	<i>ATP13A1</i>	0.007669251	0.00919536	0.287704053	1
Obesity	ASPC	<i>ATP5G3</i>	0.006241111	0.003041153	0.159420416	1
Obesity	ASPC	<i>ATP6AP1L</i>	0.007217354	0.021732262	0.432906651	1
Obesity	ASPC	<i>ATXN2</i>	-0.001462931	0.020892558	0.42612261	1
Obesity	ASPC	<i>AVEN</i>	0.009473038	8.16E-05	0.018747261	0.487428797
Obesity	ASPC	<i>B3GAT2</i>	-0.019961931	0.000236384	0.036221229	1
Obesity	ASPC	<i>BALAP2L1</i>	-0.006838365	0.020535988	0.423182988	1
Obesity	ASPC	<i>BAK1</i>	0.018398994	0.032860953	0.545804523	1
Obesity	ASPC	<i>BBS12</i>	0.024570664	0.023044477	0.444238047	1
Obesity	ASPC	<i>BBS9</i>	0.002222514	0.024409958	0.456921748	1
Obesity	ASPC	<i>BCL2L1</i>	0.003947481	0.005374124	0.215542066	1
Obesity	ASPC	<i>BEAN1</i>	0.007340563	0.013740323	0.346464843	1
Obesity	ASPC	<i>BRAT1</i>	0.004545357	0.013231152	0.339619774	1
Obesity	ASPC	<i>BRCA2</i>	0.011763358	0.010169559	0.299548342	1
Obesity	ASPC	<i>C10orf25</i>	0.038860455	0.048382414	0.649737768	1
Obesity	ASPC	<i>C11orf54</i>	0.007023867	0.005642378	0.220384641	1
Obesity	ASPC	<i>C11orf63</i>	0.007052582	0.011441763	0.319513896	1
Obesity	ASPC	<i>C17orf80</i>	-0.008620556	0.018448704	0.402460582	1
Obesity	ASPC	<i>C17orf97</i>	0.00634176	0.016576792	0.381011189	1
Obesity	ASPC	<i>C1QL3</i>	0.021714837	0.002073161	0.123892092	1
Obesity	ASPC	<i>C1orf109</i>	0.009529019	0.005829123	0.22620027	1
Obesity	ASPC	<i>C2orf69</i>	-0.007101803	0.000382273	0.046621727	1

Obesity	ASPC	<i>C6orf141</i>	0.005136015	0.003872188	0.175304532	1
Obesity	ASPC	<i>C8orf46</i>	0.012298064	0.006726135	0.245955295	1
Obesity	ASPC	<i>CACNB3</i>	-0.018925872	0.028580721	0.503830062	1
Obesity	ASPC	<i>CALHM2</i>	0.00990391	0.000636381	0.065569188	1
Obesity	ASPC	<i>CAMK2N1</i>	0.015048464	0.000871532	0.075672294	1
Obesity	ASPC	<i>CAPN8</i>	-0.024724153	0.044981441	0.628058628	1
Obesity	ASPC	<i>CAPS2</i>	0.004791169	0.000343061	0.043619784	1
Obesity	ASPC	<i>CBR3</i>	0.005885968	0.039011092	0.585585076	1
Obesity	ASPC	<i>CCDC153</i>	-0.016956444	0.043526015	0.621381792	1
Obesity	ASPC	<i>CCDC8</i>	-0.018631038	0.024833648	0.458042847	1
Obesity	ASPC	<i>CCDC84</i>	0.003522789	0.001740505	0.114299534	1
Obesity	ASPC	<i>CCL19</i>	-0.043522903	0.010678772	0.30761361	1
Obesity	ASPC	<i>CCT3</i>	0.00516762	0.038965911	0.585585076	1
Obesity	ASPC	<i>CCT6B</i>	0.012602568	0.002569932	0.144885985	1
Obesity	ASPC	<i>CD4</i>	-0.003724877	0.003295584	0.16404238	1
Obesity	ASPC	<i>CENPO</i>	-0.010747067	0.01029822	0.30115776	1
Obesity	ASPC	<i>CENPP</i>	0.00377847	0.014072837	0.353358284	1
Obesity	ASPC	<i>CFDP1</i>	0.003408719	0.001044936	0.080476523	1
Obesity	ASPC	<i>CHAF1A</i>	-0.012865839	0.02827416	0.502913495	1
Obesity	ASPC	<i>CHKB</i>	0.021365498	0.032151924	0.542768072	1
Obesity	ASPC	<i>CISD1</i>	0.006502143	0.047086041	0.643299065	1
Obesity	ASPC	<i>CLHC1</i>	0.012353069	0.000135747	0.023177905	0.81122666
Obesity	ASPC	<i>CMTR2</i>	0.00800212	2.70E-06	0.002019074	0.01615259
Obesity	ASPC	<i>COL8A1</i>	0.003291419	0.036133013	0.571722669	1
Obesity	ASPC	<i>COMMD2</i>	0.008001521	6.50E-07	0.000971809	0.003887236
Obesity	ASPC	<i>COPS6</i>	0.007476687	0.005172378	0.208852217	1
Obesity	ASPC	<i>COX4I2</i>	0.005992005	0.047207114	0.643299065	1
Obesity	ASPC	<i>COX7A2L</i>	0.00790021	7.50E-05	0.017926945	0.448173633
Obesity	ASPC	<i>CPSF1</i>	-0.008068637	0.042709921	0.618849092	1
Obesity	ASPC	<i>CTU2</i>	-0.018845142	5.80E-05	0.014957506	0.346825588
Obesity	ASPC	<i>CUL3</i>	0.003310792	0.007712875	0.266428575	1
Obesity	ASPC	<i>DAAM1</i>	0.002514564	0.005602029	0.220248198	1
Obesity	ASPC	<i>DAD1</i>	0.007204514	0.001558197	0.104626789	1
Obesity	ASPC	<i>DDX11</i>	0.010480347	0.006274366	0.238074205	1
Obesity	ASPC	<i>DDX31</i>	0.008856342	0.00968994	0.298440064	1
Obesity	ASPC	<i>DDX51</i>	0.015392238	0.015578849	0.372396803	1
Obesity	ASPC	<i>DHRS12</i>	0.007974671	0.017872098	0.398076775	1
Obesity	ASPC	<i>DKK3</i>	0.014208998	0.000529301	0.05751092	1
Obesity	ASPC	<i>DMKN</i>	-0.013675886	0.032971123	0.545804523	1
Obesity	ASPC	<i>DMTN</i>	0.009025747	0.048176905	0.649737768	1
Obesity	ASPC	<i>DNAJC10</i>	-0.002517254	0.03258751	0.545804523	1
Obesity	ASPC	<i>DNAJC8</i>	-0.005072847	0.020334722	0.420485461	1
Obesity	ASPC	<i>DNASE1L3</i>	0.009864655	0.017629867	0.39757013	1
Obesity	ASPC	<i>DRAM2</i>	0.003353642	0.025869832	0.472777108	1
Obesity	ASPC	<i>DSG2</i>	0.007461176	0.002711876	0.150057114	1
Obesity	ASPC	<i>DYNLL2</i>	0.012870324	0.013470208	0.341093053	1
Obesity	ASPC	<i>EBLN2</i>	-0.008598451	0.043828208	0.62361279	1
Obesity	ASPC	<i>ECHDC2</i>	0.001968258	0.045756708	0.63443639	1
Obesity	ASPC	<i>EFCAB1</i>	-0.140059515	8.71E-05	0.019273537	0.52038549
Obesity	ASPC	<i>EFHB</i>	0.011612356	0.001870186	0.115312737	1
Obesity	ASPC	<i>ELP3</i>	0.003593708	0.003405518	0.164123976	1
Obesity	ASPC	<i>ENTPD5</i>	0.006237129	0.001522425	0.103386518	1

Obesity	ASPC	<i>EPHA7</i>	0.018507336	0.00666046	0.245955295	1
Obesity	ASPC	<i>ETHE1</i>	0.010133098	0.04551271	0.632520831	1
Obesity	ASPC	<i>ETV4</i>	-0.006584872	0.043355026	0.621381792	1
Obesity	ASPC	<i>EXO5</i>	-0.024709859	0.002822435	0.15195381	1
Obesity	ASPC	<i>FAM149B1</i>	-0.002962726	0.042299367	0.615038965	1
Obesity	ASPC	<i>FAM160A2</i>	-0.006608462	0.017918784	0.398076775	1
Obesity	ASPC	<i>FAM162A</i>	-0.005053394	0.027143765	0.489336636	1
Obesity	ASPC	<i>FAM169A</i>	0.012415456	8.41E-07	0.001005531	0.005027655
Obesity	ASPC	<i>FAM20B</i>	0.004991963	0.03402439	0.553539779	1
Obesity	ASPC	<i>FAM225B</i>	0.071211351	0.03573106	0.567895783	1
Obesity	ASPC	<i>FAS</i>	-0.005541632	0.007999096	0.268624613	1
Obesity	ASPC	<i>FASN</i>	0.006932461	0.040620674	0.600864231	1
Obesity	ASPC	<i>FBN2</i>	-0.008880138	0.012293912	0.327984021	1
Obesity	ASPC	<i>FBXL18</i>	-0.008694508	0.003808475	0.173736247	1
Obesity	ASPC	<i>FGF17</i>	0.095872716	0.002521155	0.143489735	1
Obesity	ASPC	<i>FGFBP3</i>	0.01591229	0.010561372	0.306382333	1
Obesity	ASPC	<i>FGFR1OP</i>	-0.010530142	0.004494721	0.188263522	1
Obesity	ASPC	<i>FLYWCH1</i>	-0.004542795	0.042975631	0.618849092	1
Obesity	ASPC	<i>FLYWCH2</i>	-0.007485698	0.029360813	0.513118494	1
Obesity	ASPC	<i>FOLR3</i>	-0.025537247	0.011643617	0.323563827	1
Obesity	ASPC	<i>FOXN2</i>	-0.002313633	0.018879311	0.404800862	1
Obesity	ASPC	<i>FOXS1</i>	0.038347301	0.014553864	0.356450386	1
Obesity	ASPC	<i>FXYD5</i>	-0.008110225	0.000257569	0.037542224	1
Obesity	ASPC	<i>FXYD6</i>	0.016625163	0.004961359	0.201694414	1
Obesity	ASPC	<i>G3BP2</i>	-0.00403545	0.00998095	0.299116739	1
Obesity	ASPC	<i>GAL3ST4</i>	-0.019449632	0.012909566	0.335424214	1
Obesity	ASPC	<i>GGCX</i>	-0.006215812	0.007374922	0.260784235	1
Obesity	ASPC	<i>GGNBP2</i>	-0.002216966	0.039100042	0.585585076	1
Obesity	ASPC	<i>GID8</i>	-0.004151358	0.044763777	0.627990068	1
Obesity	ASPC	<i>GIGYF1</i>	0.007447141	0.031711799	0.537704841	1
Obesity	ASPC	<i>GIMAP8</i>	-0.003777474	0.001785339	0.114722406	1
Obesity	ASPC	<i>GLIPR1L2</i>	-0.015660663	0.000896003	0.075672294	1
Obesity	ASPC	<i>GLOD4</i>	-0.012212646	0.024380783	0.456921748	1
Obesity	ASPC	<i>GLTP</i>	0.012412418	0.011820148	0.324843107	1
Obesity	ASPC	<i>GMIP</i>	0.008404714	0.000875708	0.075672294	1
Obesity	ASPC	<i>GNB3</i>	-0.028284208	0.045139009	0.628789555	1
Obesity	ASPC	<i>GNPTG</i>	-0.008607898	0.016576545	0.381011189	1
Obesity	ASPC	<i>GOLGA8M</i>	0.016918433	0.038648551	0.585585076	1
Obesity	ASPC	<i>GOSR1</i>	-0.003040949	0.008438278	0.280150829	1
Obesity	ASPC	<i>GPD2</i>	-0.003281811	0.016271052	0.379939623	1
Obesity	ASPC	<i>GPIHBP1</i>	0.00624495	0.037280262	0.578667129	1
Obesity	ASPC	<i>GPN3</i>	0.010959303	0.000794478	0.071936394	1
Obesity	ASPC	<i>GPR137B</i>	-0.004273971	0.033114901	0.546670307	1
Obesity	ASPC	<i>GPR17</i>	-0.016421165	0.02385463	0.455118563	1
Obesity	ASPC	<i>GPSM1</i>	-0.019451268	0.028938893	0.508643607	1
Obesity	ASPC	<i>GRHPR</i>	-0.008363625	0.027042995	0.489336636	1
Obesity	ASPC	<i>GRIK2</i>	-0.012233626	0.022401335	0.439953787	1
Obesity	ASPC	<i>GS1-124K5.4</i>	-0.018860133	0.000429691	0.049381438	1
Obesity	ASPC	<i>GSTCD</i>	-0.00472891	0.020779424	0.425266565	1
Obesity	ASPC	<i>GSTP1</i>	0.004003399	0.021131922	0.428448244	1
Obesity	ASPC	<i>GTF2H1</i>	0.004332346	0.040043493	0.593796306	1
Obesity	ASPC	<i>HAGHL</i>	-0.014874458	0.000678185	0.066439859	1

Obesity	ASPC	<i>HAPI</i>	-0.028215231	0.044269943	0.626780935	1
Obesity	ASPC	<i>HAUS1</i>	0.021905319	1.35E-05	0.005744274	0.080419831
Obesity	ASPC	<i>HCN1</i>	-0.036604789	7.58E-06	0.003775941	0.045311296
Obesity	ASPC	<i>HDAC2</i>	0.008975152	4.75E-07	0.0009469	0.002840699
Obesity	ASPC	<i>HDCC2</i>	-0.006133399	0.048220838	0.649737768	1
Obesity	ASPC	<i>HDHD2</i>	0.018483083	0.004050398	0.181981853	1
Obesity	ASPC	<i>HERPUD2</i>	-0.003406785	0.034086787	0.553539779	1
Obesity	ASPC	<i>HID1</i>	0.009216335	0.019006454	0.405473098	1
Obesity	ASPC	<i>HIPK4</i>	-0.032500522	0.021631443	0.432339486	1
Obesity	ASPC	<i>HIST1H2BJ</i>	-0.070913403	0.012824908	0.335424214	1
Obesity	ASPC	<i>HIST3H2A</i>	-0.02664553	0.030603457	0.528573005	1
Obesity	ASPC	<i>HLTF</i>	0.004924422	0.032917849	0.545804523	1
Obesity	ASPC	<i>HMG20A</i>	-0.005487823	0.001012742	0.080476523	1
Obesity	ASPC	<i>HOXD9</i>	0.011388048	0.04660588	0.643225728	1
Obesity	ASPC	<i>HPR</i>	0.022093291	0.026461461	0.480649511	1
Obesity	ASPC	<i>HPS3</i>	0.006323027	0.024631421	0.456921748	1
Obesity	ASPC	<i>HSD17B1</i>	0.014654728	0.018288803	0.402460582	1
Obesity	ASPC	<i>HTRA3</i>	0.004210968	0.006144643	0.236905704	1
Obesity	ASPC	<i>IFT74</i>	0.00375642	0.035459	0.567895783	1
Obesity	ASPC	<i>IGHMBP2</i>	0.00993906	0.011095947	0.312780094	1
Obesity	ASPC	<i>IL12RB1</i>	0.006838072	0.021149972	0.428448244	1
Obesity	ASPC	<i>IL16</i>	0.004210167	0.01603991	0.37888507	1
Obesity	ASPC	<i>IL17RB</i>	0.023817112	0.049849086	0.654168296	1
Obesity	ASPC	<i>INTS1</i>	0.008698406	0.022732063	0.441588667	1
Obesity	ASPC	<i>IQCG</i>	0.003215753	0.009797099	0.298440064	1
Obesity	ASPC	<i>IQCH-ASI</i>	0.005090955	0.03909071	0.585585076	1
Obesity	ASPC	<i>IST1</i>	-0.005360372	0.00378008	0.173736247	1
Obesity	ASPC	<i>ITGAV</i>	0.004008733	0.001050396	0.080476523	1
Obesity	ASPC	<i>ITIH2</i>	-0.018542524	0.03374457	0.552802108	1
Obesity	ASPC	<i>KCNC3</i>	-0.031108743	0.000467143	0.051697108	1
Obesity	ASPC	<i>KCNE3</i>	-0.008749211	0.02841487	0.503830062	1
Obesity	ASPC	<i>KCNK1</i>	0.010203547	0.035234437	0.566024187	1
Obesity	ASPC	<i>KCNK15</i>	0.03897929	0.001237347	0.089089008	1
Obesity	ASPC	<i>KCNK5</i>	0.01608371	0.031475547	0.537704841	1
Obesity	ASPC	<i>KIAA0753</i>	-0.008026432	0.018189481	0.402460582	1
Obesity	ASPC	<i>KIN</i>	-0.005350994	0.044162975	0.626780935	1
Obesity	ASPC	<i>KLHL7</i>	-0.006781938	0.00370807	0.171778503	1
Obesity	ASPC	<i>KLRC4</i>	0.016071468	0.012103164	0.324843107	1
Obesity	ASPC	<i>KRIT1</i>	-0.004152481	0.007838311	0.267667111	1
Obesity	ASPC	<i>LARS</i>	0.00219044	0.039293778	0.585585076	1
Obesity	ASPC	<i>LDLRAD2</i>	0.008173767	0.049969401	0.654168296	1
Obesity	ASPC	<i>LDLRAP1</i>	-0.008270063	0.018898835	0.404800862	1
Obesity	ASPC	<i>LILRB4</i>	0.007662653	0.039194899	0.585585076	1
Obesity	ASPC	<i>LIN7C</i>	0.007254214	0.006294465	0.238074205	1
Obesity	ASPC	<i>LINC00626</i>	-0.039850587	0.017894156	0.398076775	1
Obesity	ASPC	<i>LINC00672</i>	0.027123042	0.000739985	0.069011128	1
Obesity	ASPC	<i>LINC00920</i>	-0.043465379	0.000924377	0.075672294	1
Obesity	ASPC	<i>LINC00959</i>	0.00736065	0.012066735	0.324843107	1
Obesity	ASPC	<i>LPAR2</i>	0.013878876	0.039150246	0.585585076	1
Obesity	ASPC	<i>LRP11</i>	-0.005950127	0.006214321	0.23805628	1
Obesity	ASPC	<i>LRRC37A3</i>	0.010107192	0.022696568	0.441588667	1
Obesity	ASPC	<i>LYNX1</i>	0.015130464	0.044915987	0.628058628	1

Obesity	ASPC	<i>MAP3K8</i>	0.002732624	0.007034563	0.253244278	1
Obesity	ASPC	<i>MAPK11</i>	-0.01663955	0.019202654	0.405494902	1
Obesity	ASPC	<i>MARK3</i>	-0.001285376	0.047098417	0.643299065	1
Obesity	ASPC	<i>MARVELD3</i>	-0.024781816	0.043562954	0.621381792	1
Obesity	ASPC	<i>MBLAC1</i>	-0.032713842	0.012788451	0.335424214	1
Obesity	ASPC	<i>MCC</i>	0.002993074	0.02962475	0.516144329	1
Obesity	ASPC	<i>MED21</i>	-0.005951327	0.000413533	0.049381438	1
Obesity	ASPC	<i>METTL21C</i>	0.096458211	6.40E-06	0.003775941	0.038247614
Obesity	ASPC	<i>MFSD7</i>	-0.009528057	0.009838135	0.298440064	1
Obesity	ASPC	<i>MIER1</i>	-0.002320227	0.009106498	0.287704053	1
Obesity	ASPC	<i>MLKL</i>	-0.007050461	0.000112954	0.020454906	0.675011896
Obesity	ASPC	<i>MLLT6</i>	-0.003042092	0.007349543	0.260784235	1
Obesity	ASPC	<i>MMP27</i>	0.013542868	0.033324619	0.548616864	1
Obesity	ASPC	<i>MOGAT1</i>	-0.007851214	0.048774143	0.652700268	1
Obesity	ASPC	<i>MPND</i>	0.028836735	2.75E-05	0.009670822	0.164403971
Obesity	ASPC	<i>MPV17L</i>	-0.037849741	0.009831595	0.298440064	1
Obesity	ASPC	<i>MPV17L2</i>	0.033474453	0.01781886	0.398076775	1
Obesity	ASPC	<i>MRPL34</i>	-0.007915009	0.014257194	0.355004141	1
Obesity	ASPC	<i>MRPS10</i>	-0.009007875	0.015172133	0.367733845	1
Obesity	ASPC	<i>MTBP</i>	-0.008292689	0.00145016	0.100390792	1
Obesity	ASPC	<i>MTG2</i>	0.007805951	0.014364078	0.355150383	1
Obesity	ASPC	<i>MTMR11</i>	-0.015623959	0.018636773	0.402460582	1
Obesity	ASPC	<i>MTMR12</i>	0.008331679	0.018528114	0.402460582	1
Obesity	ASPC	<i>MTMR6</i>	-0.011130789	0.009103816	0.287704053	1
Obesity	ASPC	<i>MTPAP</i>	-0.007034205	0.001461513	0.100390792	1
Obesity	ASPC	<i>MUC4</i>	0.014706279	0.020136839	0.417839413	1
Obesity	ASPC	<i>MYO5B</i>	0.011527753	0.014381926	0.355150383	1
Obesity	ASPC	<i>NAPIL5</i>	-0.028218458	0.021890975	0.433571904	1
Obesity	ASPC	<i>NARFL</i>	-0.01041926	0.000253689	0.037542224	1
Obesity	ASPC	<i>NBN</i>	0.004479894	0.009013209	0.287704053	1
Obesity	ASPC	<i>NBPF3</i>	0.007149041	0.049147052	0.654126467	1
Obesity	ASPC	<i>NDUFA11</i>	0.010426954	0.046927964	0.643299065	1
Obesity	ASPC	<i>NDUFAF4</i>	0.008273112	0.000352707	0.043912029	1
Obesity	ASPC	<i>NFAT5</i>	0.001977676	0.013049643	0.337595947	1
Obesity	ASPC	<i>NFYA</i>	0.003978403	0.039260846	0.585585076	1
Obesity	ASPC	<i>NKD2</i>	0.110022657	0.015199173	0.367733845	1
Obesity	ASPC	<i>NME4</i>	0.014637353	1.99E-06	0.001699004	0.011893025
Obesity	ASPC	<i>NMNAT3</i>	-0.005264487	0.016801304	0.382686162	1
Obesity	ASPC	<i>NMRK1</i>	-0.005982245	0.030168009	0.52408146	1
Obesity	ASPC	<i>NOC2L</i>	0.011378165	0.000311551	0.042314227	1
Obesity	ASPC	<i>NPIPA1</i>	-0.015713254	0.010706766	0.30761361	1
Obesity	ASPC	<i>NSA2</i>	0.013265034	1.85E-05	0.006920665	0.110730635
Obesity	ASPC	<i>NSUN7</i>	-0.014812135	0.004373117	0.186669635	1
Obesity	ASPC	<i>NUDT19</i>	-0.011305449	0.04476636	0.627990068	1
Obesity	ASPC	<i>NUDT21</i>	0.01001571	0.003614528	0.171431923	1
Obesity	ASPC	<i>NUP62</i>	-0.009812137	0.014628746	0.356821981	1
Obesity	ASPC	<i>OGDHL</i>	-0.024231409	0.000139728	0.023194842	0.835014323
Obesity	ASPC	<i>OGN</i>	0.004487232	0.047685935	0.646193081	1
Obesity	ASPC	<i>OPRL1</i>	0.017954043	0.030384769	0.526317036	1
Obesity	ASPC	<i>ORMDL3</i>	-0.008091607	0.038184528	0.585585076	1
Obesity	ASPC	<i>OSTF1</i>	-0.003473689	0.004613514	0.190140395	1
Obesity	ASPC	<i>OXGR1</i>	0.015015929	0.019773443	0.411728555	1

Obesity	ASPC	<i>PARVB</i>	0.003295467	0.03910985	0.585585076	1
Obesity	ASPC	<i>PAXIP1-AS2</i>	-0.004854098	0.049984272	0.654168296	1
Obesity	ASPC	<i>PCDHB11</i>	-0.033078266	0.011430995	0.319513896	1
Obesity	ASPC	<i>PCDHB15</i>	-0.044077159	0.00108809	0.082309193	1
Obesity	ASPC	<i>PCGF2</i>	-0.01988252	0.002703737	0.150057114	1
Obesity	ASPC	<i>PCLO</i>	0.005582274	0.004504967	0.188263522	1
Obesity	ASPC	<i>PCSK2</i>	-0.019139189	0.025134696	0.460751352	1
Obesity	ASPC	<i>PDIA2</i>	0.059709944	0.009577783	0.298108492	1
Obesity	ASPC	<i>PFN2</i>	-0.018272234	0.000275049	0.039135503	1
Obesity	ASPC	<i>PHF10</i>	0.003519858	0.032820432	0.545804523	1
Obesity	ASPC	<i>PII5</i>	0.089801143	0.000206005	0.032396936	1
Obesity	ASPC	<i>PII6</i>	0.002039551	0.041128673	0.606442578	1
Obesity	ASPC	<i>PI4KA</i>	0.002703994	0.008844842	0.287704053	1
Obesity	ASPC	<i>PICALM</i>	-0.00137905	0.003681924	0.171778503	1
Obesity	ASPC	<i>PIK3R4</i>	0.005733931	0.000633233	0.065569188	1
Obesity	ASPC	<i>PLA1A</i>	0.037727787	0.038153468	0.585585076	1
Obesity	ASPC	<i>PLA2G2D</i>	0.03709728	0.049025797	0.653969107	1
Obesity	ASPC	<i>PLEKHM1</i>	0.007620334	3.07E-05	0.010198436	0.183571839
Obesity	ASPC	<i>PLOD1</i>	0.009123898	0.001132849	0.084623785	1
Obesity	ASPC	<i>PM20D1</i>	0.011048325	0.002217188	0.12990116	1
Obesity	ASPC	<i>POLR1A</i>	0.005386096	0.042909716	0.618849092	1
Obesity	ASPC	<i>POLR1B</i>	-0.016804146	6.01E-05	0.014957506	0.358980137
Obesity	ASPC	<i>POLR2E</i>	-0.009495991	0.004237883	0.184858331	1
Obesity	ASPC	<i>PPIE</i>	-0.005396681	0.012081189	0.324843107	1
Obesity	ASPC	<i>PPIP5K2</i>	0.003898013	0.001338652	0.094641018	1
Obesity	ASPC	<i>PPME1</i>	0.003208305	0.042067537	0.613160005	1
Obesity	ASPC	<i>PPP1CB</i>	-0.003414825	0.007110683	0.254451751	1
Obesity	ASPC	<i>PPP2R3C</i>	0.002491827	0.04157936	0.609015338	1
Obesity	ASPC	<i>PRKD2</i>	-0.003232122	0.018469464	0.402460582	1
Obesity	ASPC	<i>PRPF38A</i>	0.005876645	0.041200751	0.606442578	1
Obesity	ASPC	<i>PRSS27</i>	0.113241495	0.003221157	0.16313249	1
Obesity	ASPC	<i>PSORS1C1</i>	0.014732491	0.015409074	0.369817782	1
Obesity	ASPC	<i>PSORS1C2</i>	0.007991885	0.013372132	0.340050483	1
Obesity	ASPC	<i>PTCH1</i>	0.006918505	0.024657028	0.456921748	1
Obesity	ASPC	<i>PTER</i>	-0.005243682	0.002908766	0.154384492	1
Obesity	ASPC	<i>PUS10</i>	0.004800385	0.039786201	0.5914486	1
Obesity	ASPC	<i>PWRN1</i>	0.023310553	0.000668985	0.066439859	1
Obesity	ASPC	<i>PXK</i>	0.004618954	0.008001202	0.268624613	1
Obesity	ASPC	<i>PYROXD2</i>	0.005872255	0.020678584	0.424657108	1
Obesity	ASPC	<i>QRFPR</i>	0.096322564	0.00032898	0.043619784	1
Obesity	ASPC	<i>RAB13</i>	-0.011352307	0.000915059	0.075672294	1
Obesity	ASPC	<i>RAB2A</i>	0.0042034	0.001857404	0.115312737	1
Obesity	ASPC	<i>RAB6A</i>	0.00252307	0.038843607	0.585585076	1
Obesity	ASPC	<i>RABGEF1</i>	0.010351067	0.047499087	0.645123958	1
Obesity	ASPC	<i>RABL2B</i>	0.014060537	1.26E-06	0.001250175	0.007501053
Obesity	ASPC	<i>RACGAP1</i>	0.014903421	0.041996049	0.613160005	1
Obesity	ASPC	<i>RASGRP3</i>	0.002116416	0.005486948	0.218600026	1
Obesity	ASPC	<i>REEP3</i>	0.002880264	0.037057327	0.578667129	1
Obesity	ASPC	<i>REEP4</i>	-0.018347596	0.002251847	0.130650878	1
Obesity	ASPC	<i>RGCC</i>	0.002996985	0.024444067	0.456921748	1
Obesity	ASPC	<i>RGPI</i>	0.007737053	0.019113954	0.405473098	1
Obesity	ASPC	<i>RHBDL1</i>	-0.0405026	0.004290993	0.185818661	1

Obesity	ASPC	<i>RHBDL3</i>	0.033983688	0.006749777	0.245955295	1
Obesity	ASPC	<i>RHPN2</i>	-0.017315005	0.009920729	0.299116739	1
Obesity	ASPC	<i>RMI2</i>	-0.019128651	0.02394653	0.455118563	1
Obesity	ASPC	<i>ROBO3</i>	0.004164919	0.042785493	0.618849092	1
Obesity	ASPC	<i>RPAP1</i>	0.0096358	0.014475783	0.355997033	1
Obesity	ASPC	<i>RPUSD1</i>	-0.016375296	0.010849293	0.308739889	1
Obesity	ASPC	<i>RRM1</i>	0.005732918	0.048292433	0.649737768	1
Obesity	ASPC	<i>RSL24D1</i>	0.008443501	0.000737136	0.069011128	1
Obesity	ASPC	<i>RTN4RL2</i>	-0.032069516	0.032928241	0.545804523	1
Obesity	ASPC	<i>RTP4</i>	0.036600945	0.003350131	0.16404238	1
Obesity	ASPC	<i>RUFY1</i>	0.003830106	0.002403787	0.138125281	1
Obesity	ASPC	<i>SAMD14</i>	0.017026313	0.021614858	0.432339486	1
Obesity	ASPC	<i>SARS2</i>	0.015860895	0.006743094	0.245955295	1
Obesity	ASPC	<i>SCNN1A</i>	0.030901573	0.007523401	0.263949967	1
Obesity	ASPC	<i>Sep-05</i>	-0.061979767	0.000291193	0.04046899	1
Obesity	ASPC	<i>SERGEF</i>	-0.004118678	0.004199914	0.18454918	1
Obesity	ASPC	<i>SERPINC1</i>	0.035452467	0.027185369	0.489336636	1
Obesity	ASPC	<i>SFII</i>	0.002967131	0.038463012	0.585585076	1
Obesity	ASPC	<i>SFTA1P</i>	0.015686303	0.036163181	0.571722669	1
Obesity	ASPC	<i>SH3YL1</i>	0.009136139	0.00042546	0.049381438	1
Obesity	ASPC	<i>SHB</i>	0.029231969	0.031510092	0.537704841	1
Obesity	ASPC	<i>SLC15A5</i>	0.018041497	0.003353067	0.16404238	1
Obesity	ASPC	<i>SLC22A16</i>	0.044811865	0.009158486	0.287704053	1
Obesity	ASPC	<i>SLC25A18</i>	0.018302219	0.000111144	0.020454906	0.664197736
Obesity	ASPC	<i>SLC25A23</i>	0.028611827	7.46E-06	0.003775941	0.044555015
Obesity	ASPC	<i>SLC25A27</i>	0.003596132	0.03708353	0.578667129	1
Obesity	ASPC	<i>SLC25A3</i>	0.010295029	0.00010419	0.020454906	0.622641204
Obesity	ASPC	<i>SLC26A1</i>	0.0611971	0.001871709	0.115312737	1
Obesity	ASPC	<i>SLC37A3</i>	-0.003368174	0.008519801	0.281294649	1
Obesity	ASPC	<i>SLC38A10</i>	0.003563406	0.007775631	0.267052694	1
Obesity	ASPC	<i>SLC5A11</i>	0.018703829	5.43E-05	0.014957506	0.324255006
Obesity	ASPC	<i>SLCO3A1</i>	-0.000910854	0.037242843	0.578667129	1
Obesity	ASPC	<i>SMARCAL1</i>	-0.004572694	0.003171501	0.16313249	1
Obesity	ASPC	<i>SNAP29</i>	-0.00608655	0.024640695	0.456921748	1
Obesity	ASPC	<i>SNHG18</i>	0.025578293	0.000907557	0.075672294	1
Obesity	ASPC	<i>SNRPF</i>	0.009779034	0.034668913	0.558869147	1
Obesity	ASPC	<i>SNX31</i>	0.029885201	0.000156042	0.025202923	0.93250815
Obesity	ASPC	<i>SORD</i>	-0.023617687	0.016841777	0.382686162	1
Obesity	ASPC	<i>SPTY2D1</i>	0.005458394	0.047257077	0.643299065	1
Obesity	ASPC	<i>SRP72</i>	-0.004437165	0.023577949	0.451608412	1
Obesity	ASPC	<i>SRPK2</i>	-0.000849566	0.027982952	0.500677012	1
Obesity	ASPC	<i>SSU72</i>	0.008006219	0.016040482	0.37888507	1
Obesity	ASPC	<i>STOML1</i>	-0.016557006	0.03376385	0.552802108	1
Obesity	ASPC	<i>STRN4</i>	-0.006511041	0.047225795	0.643299065	1
Obesity	ASPC	<i>STUB1</i>	-0.006021154	0.044675948	0.627990068	1
Obesity	ASPC	<i>SUCO</i>	-0.003797456	0.003202285	0.16313249	1
Obesity	ASPC	<i>SUPT5H</i>	0.005372243	0.002818237	0.15195381	1
Obesity	ASPC	<i>SURF6</i>	0.008491886	0.0001259	0.022128801	0.752379243
Obesity	ASPC	<i>SYNGR2</i>	-0.005307686	0.023989683	0.455118563	1
Obesity	ASPC	<i>SYT7</i>	0.022969315	0.013343365	0.340050483	1
Obesity	ASPC	<i>TAF1C</i>	0.00746327	0.034695524	0.558869147	1
Obesity	ASPC	<i>TBL2</i>	0.013800425	0.000718655	0.069011128	1

Obesity	ASPC	<i>TCHH</i>	-0.031850715	0.022833149	0.441588667		1
Obesity	ASPC	<i>TDRD5</i>	-0.057820777	3.57E-05	0.011231953	0.21340711	
Obesity	ASPC	<i>TEKT5</i>	0.050425218	0.00555895	0.220001907		1
Obesity	ASPC	<i>TELO2</i>	0.010279275	0.049693233	0.654168296		1
Obesity	ASPC	<i>TF</i>	0.019366613	0.012558416	0.332075641		1
Obesity	ASPC	<i>TFCP2L1</i>	0.016130248	0.003680075	0.171778503		1
Obesity	ASPC	<i>TICAM2</i>	-0.043066133	0.019303261	0.406184113		1
Obesity	ASPC	<i>TIGD1</i>	0.008576442	0.028276261	0.502913495		1
Obesity	ASPC	<i>TLE1</i>	0.002611106	0.010017464	0.299116739		1
Obesity	ASPC	<i>TLR5</i>	-0.005923327	0.019133771	0.405473098		1
Obesity	ASPC	<i>TMEM206</i>	0.00530232	0.04140033	0.607882972		1
Obesity	ASPC	<i>TMEM231</i>	-0.017182531	0.022454134	0.439953787		1
Obesity	ASPC	<i>TMEM260</i>	0.003181013	0.001774644	0.114722406		1
Obesity	ASPC	<i>TNNT3</i>	0.026804356	0.001586824	0.105365098		1
Obesity	ASPC	<i>TPSD1</i>	0.006733332	0.007638657	0.265398911		1
Obesity	ASPC	<i>TPSG1</i>	-0.007571015	0.000888757	0.075672294		1
Obesity	ASPC	<i>TRAPPC4</i>	0.008402732	0.001818099	0.115312737		1
Obesity	ASPC	<i>TRAPPC5</i>	-0.025392015	0.001938212	0.118191395		1
Obesity	ASPC	<i>TRIM4</i>	0.008324271	0.000110728	0.020454906	0.661708551	
Obesity	ASPC	<i>TRIP4</i>	0.005624993	0.022794796	0.441588667		1
Obesity	ASPC	<i>TRMT44</i>	0.015547657	2.53E-07	0.0009469	0.001510977	
Obesity	ASPC	<i>TRMT61B</i>	0.005682168	0.000660631	0.066439859		1
Obesity	ASPC	<i>TRNT1</i>	0.004269956	0.007552785	0.263949967		1
Obesity	ASPC	<i>TRUB1</i>	-0.010007314	0.002919252	0.154384492		1
Obesity	ASPC	<i>TSEN34</i>	0.015449369	0.009045649	0.287704053		1
Obesity	ASPC	<i>TTC32</i>	-0.014317366	0.003369601	0.16404238		1
Obesity	ASPC	<i>TTLL12</i>	0.009604662	0.02763234	0.495888477		1
Obesity	ASPC	<i>TUBB8</i>	-0.0178507	0.024521636	0.456921748		1
Obesity	ASPC	<i>TUBG2</i>	0.013796398	0.000338085	0.043619784		1
Obesity	ASPC	<i>TXN2</i>	0.011138652	0.000560888	0.059854772		1
Obesity	ASPC	<i>U91324.1</i>	-0.016807828	0.018654883	0.402460582		1
Obesity	ASPC	<i>UBE2Q2L</i>	0.049802589	0.026171961	0.476840354		1
Obesity	ASPC	<i>UBR2</i>	-0.002095183	0.000459903	0.051697108		1
Obesity	ASPC	<i>UNC45B</i>	0.093693673	0.011086122	0.312780094		1
Obesity	ASPC	<i>URGCP</i>	0.005746173	0.00205437	0.123892092		1
Obesity	ASPC	<i>VAX2</i>	0.018318156	0.004080584	0.181981853		1
Obesity	ASPC	<i>VDAC2</i>	-0.013521078	0.035683373	0.567895783		1
Obesity	ASPC	<i>VPS29</i>	-0.002426105	0.024922852	0.458273738		1
Obesity	ASPC	<i>WDR17</i>	0.005968865	0.019546298	0.408421953		1
Obesity	ASPC	<i>WDR24</i>	-0.0117003	0.011695078	0.323563827		1
Obesity	ASPC	<i>WDR37</i>	0.003178844	0.015894187	0.378420956		1
Obesity	ASPC	<i>WNT3</i>	0.030943561	0.013241534	0.339619774		1
Obesity	ASPC	<i>WRB</i>	-0.008834319	1.47E-05	0.005872134	0.088082008	
Obesity	ASPC	<i>YBX3</i>	0.002572651	0.024696406	0.456921748		1
Obesity	ASPC	<i>YTHDF3-AS1</i>	0.032904867	0.022061667	0.435117239		1
Obesity	ASPC	<i>ZC3H11A</i>	0.028447238	0.000996166	0.08044714		1
Obesity	ASPC	<i>ZC3H12C</i>	0.003425516	0.016671784	0.38172636		1
Obesity	ASPC	<i>ZC3H8</i>	-0.004079258	0.01953053	0.408421953		1
Obesity	ASPC	<i>ZDHHC21</i>	0.002900088	0.021448148	0.431562729		1
Obesity	ASPC	<i>ZKSCAN1</i>	0.003988934	0.016403016	0.379939623		1
Obesity	ASPC	<i>ZKSCAN2</i>	0.024777134	0.012503982	0.332075641		1
Obesity	ASPC	<i>ZNF143</i>	-0.010041712	1.16E-05	0.005317308	0.069125003	

Obesity	ASPC	<i>ZNF195</i>	0.005274084	0.038899327	0.585585076	1
Obesity	ASPC	<i>ZNF211</i>	-0.014228803	0.000102451	0.020454906	0.612246899
Obesity	ASPC	<i>ZNF212</i>	-0.009140381	0.015314067	0.369019609	1
Obesity	ASPC	<i>ZNF229</i>	-0.056782957	0.028528249	0.503830062	1
Obesity	ASPC	<i>ZNF266</i>	-0.005099213	0.01634564	0.379939623	1
Obesity	ASPC	<i>ZNF335</i>	-0.008665157	0.048821456	0.652700268	1
Obesity	ASPC	<i>ZNF354C</i>	0.005583481	0.017154722	0.388320526	1
Obesity	ASPC	<i>ZNF507</i>	0.003334714	0.038967839	0.585585076	1
Obesity	ASPC	<i>ZNF558</i>	0.009661854	0.034060511	0.553539779	1
Obesity	ASPC	<i>ZNF573</i>	-0.004065246	0.01033088	0.30115776	1
Obesity	ASPC	<i>ZNF575</i>	0.021468422	0.009658911	0.298440064	1
Obesity	ASPC	<i>ZNF608</i>	0.002848272	0.031305598	0.537592685	1
Obesity	ASPC	<i>ZNF652</i>	-0.002369668	0.021444107	0.431562729	1
Obesity	ASPC	<i>ZNF664</i>	0.013894104	0.010175421	0.299548342	1
Obesity	ASPC	<i>ZNF669</i>	-0.022607724	0.009097791	0.287704053	1
Obesity	ASPC	<i>ZNF704</i>	0.002157519	0.001177987	0.085849401	1
Obesity	ASPC	<i>ZNF793</i>	-0.008937072	0.031762016	0.537704841	1
Obesity	ASPC	<i>ZNF880</i>	0.010300009	0.008350607	0.278788982	1
Obesity	ASPC	<i>ZNF93</i>	0.01078717	0.000750623	0.069011128	1
Obesity	ASPC	<i>ZSCAN18</i>	-0.00761264	0.016368129	0.379939623	1
Obesity	ASPC	<i>ZSWIM5</i>	0.00572322	0.035656271	0.567895783	1
Obesity	ASPC	<i>DUXA</i>	-0.089702899	0.004590591	0.190140395	1
Obesity	ASPC	<i>LEFTY1</i>	0.146875314	0.006997098	0.253244278	1
Obesity	ASPC	<i>LINC01050</i>	0.042529499	5.98E-05	0.014957506	0.35749523
Obesity	ASPC	<i>AC073133.1</i>	-0.057631675	0.000105167	0.020454906	0.628480242
Obesity	ASPC	<i>BIRC7</i>	-0.024698494	0.049319017	0.654168296	1
Obesity	ASPC	<i>CYP7A1</i>	0.157129269	4.37E-06	0.002901095	0.026109859
Obesity	ASPC	<i>LCN2</i>	0.009728627	0.010826478	0.308739889	1
Obesity	ASPC	<i>OR2AE1</i>	-0.010862278	4.66E-07	0.0009469	0.002785298
Obesity	ASPC	<i>ADAD2</i>	0.005372403	0.029365215	0.513118494	1
Obesity	ASPC	<i>FOXI2</i>	0.052489104	0.003077204	0.159907592	1
Obesity	ASPC	<i>GJB6</i>	0.072774926	0.011920412	0.324843107	1
Obesity	ASPC	<i>KRT4</i>	-0.123019908	0.004816614	0.197151284	1
Obesity	ASPC	<i>TBC1D26</i>	-0.005920152	0.0346507	0.558869147	1
Obesity	ASPC	<i>PDE6H</i>	-0.01179373	0.00117301	0.085849401	1
Obesity	b_cell	<i>ABHD8</i>	0.010747833	0.007542522	0.23669003	1
Obesity	b_cell	<i>AC006111.1</i>	0.028962424	0.032502922	0.485482296	1
Obesity	b_cell	<i>ACADVL</i>	-0.00370826	0.006378713	0.221623205	1
Obesity	b_cell	<i>ACO2</i>	-0.011561122	0.000271679	0.036635153	1
Obesity	b_cell	<i>ACOX2</i>	0.018879997	3.85E-09	1.15E-05	2.30E-05
Obesity	b_cell	<i>ADAM32</i>	0.009811197	0.014450941	0.336074175	1
Obesity	b_cell	<i>ADAMTS13</i>	0.013608463	0.043818332	0.531583755	1
Obesity	b_cell	<i>ADAMTS18</i>	-0.006463225	0.002993439	0.15289565	1
Obesity	b_cell	<i>ADAMTSL3</i>	0.001807993	0.046383672	0.541418684	1
Obesity	b_cell	<i>ADSS</i>	0.005737376	0.007007713	0.230297024	1
Obesity	b_cell	<i>AGRN</i>	0.015428988	0.037933608	0.515133161	1
Obesity	b_cell	<i>AHNAK2</i>	-0.008835917	0.001376197	0.093677014	1
Obesity	b_cell	<i>AIMP2</i>	-0.011023644	0.010746065	0.290197664	1
Obesity	b_cell	<i>AKAP11</i>	-0.003364934	0.018486205	0.373830721	1
Obesity	b_cell	<i>ALAD</i>	-0.011158389	0.000861486	0.07150334	1
Obesity	b_cell	<i>ALDH5A1</i>	0.00751929	0.031755459	0.485482296	1
Obesity	b_cell	<i>ALG10</i>	0.010393039	0.016926443	0.359973034	1

Obesity	b_cell	<i>AMT</i>	-0.01099945	0.032212892	0.485482296	1
Obesity	b_cell	<i>AMZ2</i>	0.009208005	0.021634293	0.404020426	1
Obesity	b_cell	<i>ANK1</i>	-0.013669569	0.024462105	0.435076009	1
Obesity	b_cell	<i>ANKDD1A</i>	0.004235466	0.012494486	0.310544357	1
Obesity	b_cell	<i>ANKRD13B</i>	0.028258987	0.029559182	0.468960881	1
Obesity	b_cell	<i>AP3B2</i>	0.021052592	0.006105212	0.221623205	1
Obesity	b_cell	<i>AP3M2</i>	-0.003904732	0.041477251	0.529632589	1
Obesity	b_cell	<i>APAF1</i>	-0.002857443	0.025684282	0.442332182	1
Obesity	b_cell	<i>APEH</i>	-0.012200246	0.001727527	0.110660199	1
Obesity	b_cell	<i>ARHGAP1</i>	-0.00485838	0.015426786	0.34528268	1
Obesity	b_cell	<i>ARHGAP44</i>	0.003730579	0.022307025	0.410174706	1
Obesity	b_cell	<i>ARHGDIG</i>	-0.033690118	0.001320448	0.092835237	1
Obesity	b_cell	<i>ARHGEF16</i>	-0.025865835	0.036348385	0.505158017	1
Obesity	b_cell	<i>ARHGEF37</i>	-0.008426158	0.002599321	0.13869232	1
Obesity	b_cell	<i>ARPC2</i>	0.00151312	0.02611384	0.44298029	1
Obesity	b_cell	<i>ASB6</i>	-0.011780927	0.049924827	0.554555332	1
Obesity	b_cell	<i>ASPRV1</i>	0.076821037	0.038445346	0.515133161	1
Obesity	b_cell	<i>ASXL3</i>	0.014106119	0.016552373	0.354549086	1
Obesity	b_cell	<i>ATG14</i>	-0.004552831	0.00691711	0.229648045	1
Obesity	b_cell	<i>ATN1</i>	0.007234582	0.016144216	0.352952274	1
Obesity	b_cell	<i>ATP5C1</i>	0.005535984	0.036730958	0.508129071	1
Obesity	b_cell	<i>ATP9A</i>	0.00261156	0.043364064	0.531583755	1
Obesity	b_cell	<i>ATXN2</i>	0.002482874	8.82E-05	0.022920146	0.527163364
Obesity	b_cell	<i>ATXN3</i>	0.002255894	0.005852922	0.218572887	1
Obesity	b_cell	<i>B3GALNT2</i>	-0.003362259	0.025473901	0.441429423	1
Obesity	b_cell	<i>B3GALT2</i>	-0.013187379	0.032901662	0.485482296	1
Obesity	b_cell	<i>B3GALT4</i>	-0.005983632	0.046129186	0.541418684	1
Obesity	b_cell	<i>B4GALNT1</i>	-0.0414162	0.010839854	0.290197664	1
Obesity	b_cell	<i>B4GALT7</i>	0.033351815	1.08E-06	0.001070902	0.006425415
Obesity	b_cell	<i>BAHD1</i>	-0.006407499	0.023223803	0.423126358	1
Obesity	b_cell	<i>BALAP2L1</i>	0.00849542	0.00411005	0.183295953	1
Obesity	b_cell	<i>BAK1</i>	-0.026311935	0.002233553	0.127121098	1
Obesity	b_cell	<i>BDH1</i>	-0.006572734	0.030535863	0.475214362	1
Obesity	b_cell	<i>BEAN1</i>	0.009711301	0.001151357	0.086006333	1
Obesity	b_cell	<i>BECN1</i>	0.007736306	0.000443869	0.049121527	1
Obesity	b_cell	<i>BIK</i>	-0.063867811	0.000215195	0.034619107	1
Obesity	b_cell	<i>BNIP1</i>	0.010294639	0.039945436	0.521819345	1
Obesity	b_cell	<i>BROX</i>	-0.012331497	5.90E-05	0.018550076	0.352451446
Obesity	b_cell	<i>C11orf24</i>	-0.013582353	0.003643218	0.17279262	1
Obesity	b_cell	<i>C12orf54</i>	-0.026644907	0.011828809	0.300804097	1
Obesity	b_cell	<i>C12orf60</i>	0.009940951	0.015180674	0.342338524	1
Obesity	b_cell	<i>C14orf132</i>	0.010615068	0.012583301	0.310544357	1
Obesity	b_cell	<i>C19orf71</i>	-0.014891968	0.022111583	0.407835871	1
Obesity	b_cell	<i>C20orf96</i>	0.009353508	0.019491299	0.378584855	1
Obesity	b_cell	<i>C3orf70</i>	-0.011666919	0.043185643	0.531583755	1
Obesity	b_cell	<i>C6orf201</i>	0.01914554	0.008533719	0.249987771	1
Obesity	b_cell	<i>C7orf50</i>	-0.006691544	0.038834257	0.516867531	1
Obesity	b_cell	<i>C9orf72</i>	-0.003038652	0.0113701	0.292622444	1
Obesity	b_cell	<i>CAPS2</i>	0.003084162	0.020823494	0.393801261	1
Obesity	b_cell	<i>CAPZA1</i>	0.00194803	0.026948989	0.449954032	1
Obesity	b_cell	<i>CASC1</i>	-0.013122688	0.002113782	0.121461167	1
Obesity	b_cell	<i>CAV3</i>	0.010162183	0.047777283	0.54678716	1

Obesity	b_cell	<i>CBX6</i>	0.005731255	0.043449471	0.531583755	1
Obesity	b_cell	<i>CCDC117</i>	0.015855526	0.00013669	0.027228647	0.816859422
Obesity	b_cell	<i>CCDC134</i>	-0.011572059	0.040741473	0.522470051	1
Obesity	b_cell	<i>CCDC154</i>	0.009214147	0.047853026	0.54678716	1
Obesity	b_cell	<i>CCDC8</i>	0.018590083	0.025806815	0.442910078	1
Obesity	b_cell	<i>CCDC84</i>	-0.002933415	0.009116128	0.264053052	1
Obesity	b_cell	<i>CCL24</i>	0.04880571	0.006806939	0.22958504	1
Obesity	b_cell	<i>CCNA2</i>	0.017970269	0.010060619	0.283801986	1
Obesity	b_cell	<i>CCNB1IP1</i>	0.007191863	0.001379447	0.093677014	1
Obesity	b_cell	<i>CCNE1</i>	0.023757524	0.035063128	0.50008891	1
Obesity	b_cell	<i>CD300C</i>	-0.041538997	0.000762463	0.070918607	1
Obesity	b_cell	<i>CD80</i>	0.01288438	0.006147058	0.221623205	1
Obesity	b_cell	<i>CEBPZ</i>	0.003856903	0.043451611	0.531583755	1
Obesity	b_cell	<i>CELSR1</i>	0.007169663	0.000304653	0.038736368	1
Obesity	b_cell	<i>CENPBD1</i>	0.032298761	0.043281605	0.531583755	1
Obesity	b_cell	<i>CENPP</i>	0.003185001	0.038695535	0.516185517	1
Obesity	b_cell	<i>CENPQ</i>	0.009211258	0.031604518	0.485482296	1
Obesity	b_cell	<i>CEP170</i>	-0.00239193	0.008132367	0.247779167	1
Obesity	b_cell	<i>CEP192</i>	-0.003559593	0.006226779	0.221623205	1
Obesity	b_cell	<i>CEP57</i>	0.003669663	0.001946454	0.116320104	1
Obesity	b_cell	<i>CEP95</i>	0.003839148	0.00653878	0.224573255	1
Obesity	b_cell	<i>CHST2</i>	0.014570751	0.006856219	0.22958504	1
Obesity	b_cell	<i>CIB2</i>	-0.024736173	0.036108943	0.505158017	1
Obesity	b_cell	<i>CITED4</i>	-0.020107263	0.027456026	0.455770034	1
Obesity	b_cell	<i>CLEC12A</i>	-0.002436537	0.034347464	0.497699459	1
Obesity	b_cell	<i>CLEC12B</i>	-0.033439604	0.001205054	0.087821985	1
Obesity	b_cell	<i>CLEC1B</i>	-0.027264505	0.000645085	0.063453718	1
Obesity	b_cell	<i>CMTR2</i>	0.00359424	0.035762782	0.504759517	1
Obesity	b_cell	<i>CNBD2</i>	0.012712146	0.001073094	0.084379094	1
Obesity	b_cell	<i>CNDP1</i>	-0.029297744	0.018965603	0.374054269	1
Obesity	b_cell	<i>CNGA4</i>	0.024777112	0.016413116	0.354549086	1
Obesity	b_cell	<i>CNTROB</i>	0.01188419	0.000496983	0.052104714	1
Obesity	b_cell	<i>COL24A1</i>	0.007867589	0.003078555	0.154600391	1
Obesity	b_cell	<i>COMMD2</i>	0.003801431	0.017724518	0.369065217	1
Obesity	b_cell	<i>CPOX</i>	0.007649348	0.007013731	0.230297024	1
Obesity	b_cell	<i>CPT1C</i>	0.024497288	0.003031823	0.153543838	1
Obesity	b_cell	<i>CREB3L1</i>	0.027814219	4.10E-06	0.002447824	0.024478237
Obesity	b_cell	<i>CREB3L4</i>	0.021906555	0.000647704	0.063453718	1
Obesity	b_cell	<i>CRYBB2</i>	0.053775287	0.037355558	0.512011042	1
Obesity	b_cell	<i>CTBS</i>	0.005171487	0.002433281	0.133406286	1
Obesity	b_cell	<i>CTNND2</i>	-0.017065478	0.017983011	0.370702217	1
Obesity	b_cell	<i>CTSL</i>	0.004526052	0.006234124	0.221623205	1
Obesity	b_cell	<i>CYB5R2</i>	-0.03915831	2.76E-05	0.010302162	0.164834599
Obesity	b_cell	<i>CYP4A11</i>	-0.019426702	0.025241763	0.441066604	1
Obesity	b_cell	<i>DBNDD2</i>	0.040348338	0.001648365	0.107072078	1
Obesity	b_cell	<i>DCHS1</i>	0.007235637	0.02389911	0.432791154	1
Obesity	b_cell	<i>DCLRE1A</i>	0.030109269	6.88E-05	0.01957878	0.41115438
Obesity	b_cell	<i>DCT</i>	0.01337927	0.044717084	0.536217491	1
Obesity	b_cell	<i>DDB2</i>	-0.005780963	0.037768553	0.514134104	1
Obesity	b_cell	<i>DDX11</i>	0.009846317	0.010480315	0.285983383	1
Obesity	b_cell	<i>DECR2</i>	-0.018310045	0.001193508	0.087821985	1
Obesity	b_cell	<i>DICER1</i>	-0.002714955	0.000715522	0.068967094	1

Obesity	b_cell	<i>DMPK</i>	-0.005649428	0.045294995	0.538136959	1
Obesity	b_cell	<i>DNAJC10</i>	0.003681699	0.001825858	0.112487912	1
Obesity	b_cell	<i>DNAL1</i>	-0.008510997	0.003165812	0.155072886	1
Obesity	b_cell	<i>DOK3</i>	-0.004995081	0.040585894	0.522470051	1
Obesity	b_cell	<i>DR1</i>	0.004831224	0.01840463	0.373830721	1
Obesity	b_cell	<i>DRAM2</i>	0.00422003	0.005028343	0.198615295	1
Obesity	b_cell	<i>DROSHA</i>	-0.003233764	0.018715339	0.374054269	1
Obesity	b_cell	<i>DSTYK</i>	-0.004025731	0.00662182	0.226125682	1
Obesity	b_cell	<i>DTWD2</i>	0.006270767	0.032237532	0.485482296	1
Obesity	b_cell	<i>DTX1</i>	0.00754005	0.032795286	0.485482296	1
Obesity	b_cell	<i>EBLN2</i>	-0.008423969	0.048159058	0.54818768	1
Obesity	b_cell	<i>EFCAB2</i>	0.003658389	0.04948114	0.554555332	1
Obesity	b_cell	<i>EFNB3</i>	-0.043029846	0.000766276	0.070918607	1
Obesity	b_cell	<i>EIF6</i>	-0.016258982	0.02456915	0.435683214	1
Obesity	b_cell	<i>ELMO3</i>	0.030928272	0.002898674	0.150630221	1
Obesity	b_cell	<i>EMILIN2</i>	0.001887826	0.026166674	0.44298029	1
Obesity	b_cell	<i>ENOSF1</i>	0.002357515	0.043055468	0.531583755	1
Obesity	b_cell	<i>ENSA</i>	-0.004458498	0.001283575	0.091317165	1
Obesity	b_cell	<i>EP300</i>	-0.001885723	0.024121851	0.434193312	1
Obesity	b_cell	<i>EPCAM</i>	-0.024875847	0.036337512	0.505158017	1
Obesity	b_cell	<i>EPHB6</i>	0.019628701	0.000247636	0.035874828	1
Obesity	b_cell	<i>EPS8L2</i>	0.01712903	0.018852624	0.374054269	1
Obesity	b_cell	<i>ERCC3</i>	0.005978113	0.00707709	0.230668541	1
Obesity	b_cell	<i>ETFDH</i>	0.003729596	0.025899937	0.442910078	1
Obesity	b_cell	<i>EXOC3</i>	0.008376592	0.000176191	0.031906613	1
Obesity	b_cell	<i>EXOG</i>	0.006404222	0.000103399	0.023765772	0.617910079
Obesity	b_cell	<i>FAM110A</i>	-0.007627622	0.032838673	0.485482296	1
Obesity	b_cell	<i>FAM111A</i>	-0.002829411	0.04412074	0.531583755	1
Obesity	b_cell	<i>FAM135B</i>	0.023041457	0.025125599	0.440324279	1
Obesity	b_cell	<i>FAM169A</i>	0.007601033	0.002467192	0.134035817	1
Obesity	b_cell	<i>FAM213B</i>	0.019021858	0.015024599	0.341395451	1
Obesity	b_cell	<i>FAM225B</i>	0.074762012	0.028204836	0.4619706	1
Obesity	b_cell	<i>FAM227B</i>	0.004234036	0.018941133	0.374054269	1
Obesity	b_cell	<i>FAM43B</i>	0.043560412	0.014266132	0.336074175	1
Obesity	b_cell	<i>FAM69C</i>	0.066930383	0.000220135	0.034619107	1
Obesity	b_cell	<i>FANCD2</i>	0.007900422	0.028515876	0.462066464	1
Obesity	b_cell	<i>FAP</i>	0.007017278	0.045063257	0.537016411	1
Obesity	b_cell	<i>FBXL13</i>	0.002450624	0.032843427	0.485482296	1
Obesity	b_cell	<i>FCHSD1</i>	0.01456909	1.58E-06	0.001345138	0.009415966
Obesity	b_cell	<i>FDX1</i>	0.008571708	0.000822088	0.071371612	1
Obesity	b_cell	<i>FIBP</i>	0.008204562	0.046793046	0.541418684	1
Obesity	b_cell	<i>FKBP7</i>	0.009985938	0.014992267	0.341395451	1
Obesity	b_cell	<i>FLNC</i>	0.013785535	0.045867409	0.541418684	1
Obesity	b_cell	<i>FN3KRP</i>	-0.008380856	0.029227701	0.467018019	1
Obesity	b_cell	<i>FRS3</i>	-0.011340521	0.007239435	0.231856047	1
Obesity	b_cell	<i>FTO</i>	0.001862212	0.026955078	0.449954032	1
Obesity	b_cell	<i>FXYD5</i>	0.008086782	0.000275867	0.036635153	1
Obesity	b_cell	<i>FXYD6</i>	0.01180485	0.048759356	0.550824027	1
Obesity	b_cell	<i>GABPB2</i>	0.003872246	0.008295946	0.247779167	1
Obesity	b_cell	<i>GAS2L1</i>	-0.008297574	0.043857315	0.531583755	1
Obesity	b_cell	<i>GATC</i>	0.01506577	0.001759156	0.110660199	1
Obesity	b_cell	<i>GBP7</i>	-0.042712624	0.010725347	0.290197664	1

Obesity	b_cell	<i>GCFC2</i>	-0.002245107	0.01701382	0.360548195	1
Obesity	b_cell	<i>GDF6</i>	-0.020662148	0.045982038	0.541418684	1
Obesity	b_cell	<i>GEN1</i>	0.006988483	0.013160762	0.321015158	1
Obesity	b_cell	<i>GGCX</i>	0.007767252	0.000831929	0.071371612	1
Obesity	b_cell	<i>GGH</i>	0.026021981	0.000206232	0.03427356	1
Obesity	b_cell	<i>GIMAP8</i>	-0.0025768	0.032733097	0.485482296	1
Obesity	b_cell	<i>GLI4</i>	0.013659304	0.00150983	0.100019234	1
Obesity	b_cell	<i>GM2A</i>	0.004248961	0.035694349	0.504759517	1
Obesity	b_cell	<i>GMPPB</i>	0.022982123	5.38E-06	0.002923006	0.032153071
Obesity	b_cell	<i>GMPS</i>	0.003702741	0.017462006	0.366150704	1
Obesity	b_cell	<i>GNL3</i>	-0.003187137	0.038407937	0.515133161	1
Obesity	b_cell	<i>GOLGA5</i>	0.006921486	0.028976446	0.465492589	1
Obesity	b_cell	<i>GOLGA8M</i>	0.034245038	3.25E-05	0.01079534	0.194316117
Obesity	b_cell	<i>GOLGA8R</i>	0.071818512	0.043898097	0.531583755	1
Obesity	b_cell	<i>GPER1</i>	0.010896213	0.017989231	0.370702217	1
Obesity	b_cell	<i>GPR156</i>	0.02858196	0.009420654	0.270662641	1
Obesity	b_cell	<i>GRPEL1</i>	0.007055731	0.006324998	0.221623205	1
Obesity	b_cell	<i>GS1-124K5.4</i>	-0.020444636	0.000133691	0.027228647	0.798934917
Obesity	b_cell	<i>GSAP</i>	-0.001771021	0.021052626	0.396733599	1
Obesity	b_cell	<i>GTPBP3</i>	-0.022620834	0.017892871	0.370702217	1
Obesity	b_cell	<i>HAGH</i>	-0.003481805	0.034852128	0.498268701	1
Obesity	b_cell	<i>HAP1</i>	0.029889181	0.032408487	0.485482296	1
Obesity	b_cell	<i>HAUS4</i>	0.01792973	0.016438815	0.354549086	1
Obesity	b_cell	<i>HCG20</i>	0.024068081	0.034601014	0.497699459	1
Obesity	b_cell	<i>HEATR6</i>	-0.006830509	0.027829377	0.460687969	1
Obesity	b_cell	<i>HELLS</i>	0.014185006	0.004402141	0.187908519	1
Obesity	b_cell	<i>HIPK4</i>	-0.029484365	0.037625954	0.513362328	1
Obesity	b_cell	<i>HMG20A</i>	0.006531602	9.89E-05	0.023650131	0.591253273
Obesity	b_cell	<i>HMOX2</i>	-0.004052162	0.019422667	0.378584855	1
Obesity	b_cell	<i>HOOK1</i>	-0.0085198	0.023668653	0.429920577	1
Obesity	b_cell	<i>HOXA4</i>	0.026984366	0.016088006	0.352952274	1
Obesity	b_cell	<i>HOXB2</i>	-0.007390849	0.029835778	0.469054128	1
Obesity	b_cell	<i>HPS4</i>	0.003363519	0.040904357	0.523435621	1
Obesity	b_cell	<i>HS6ST3</i>	-0.00983544	0.018578936	0.373830721	1
Obesity	b_cell	<i>HSF2BP</i>	0.024703346	0.04328052	0.531583755	1
Obesity	b_cell	<i>HTR7</i>	-0.010196137	8.48E-05	0.022920146	0.50648123
Obesity	b_cell	<i>IFT74</i>	0.005315871	0.003143772	0.155072886	1
Obesity	b_cell	<i>IFT88</i>	0.003358395	0.004654054	0.192382246	1
Obesity	b_cell	<i>IL16</i>	0.005444551	0.001816856	0.112487912	1
Obesity	b_cell	<i>IL4</i>	-0.043100396	0.011361473	0.292622444	1
Obesity	b_cell	<i>IMMT</i>	-0.003108598	0.040324621	0.521819345	1
Obesity	b_cell	<i>INCA1</i>	-0.012779449	0.048376164	0.549612084	1
Obesity	b_cell	<i>INPP5B</i>	0.004826368	0.010121045	0.283801986	1
Obesity	b_cell	<i>INSRR</i>	0.038999385	0.040369657	0.521819345	1
Obesity	b_cell	<i>INTS8</i>	-0.004278901	0.008151498	0.247779167	1
Obesity	b_cell	<i>IRAK1BP1</i>	0.005858798	0.008617813	0.25121977	1
Obesity	b_cell	<i>ITGA2</i>	0.010097981	0.049844513	0.554555332	1
Obesity	b_cell	<i>ITGB3BP</i>	-0.003099769	0.03338348	0.490868679	1
Obesity	b_cell	<i>ITIH2</i>	0.018526591	0.034249311	0.497699459	1
Obesity	b_cell	<i>ITIH4</i>	0.014783073	0.014887983	0.34136535	1
Obesity	b_cell	<i>JKAMP</i>	0.007367746	0.000337625	0.040303164	1
Obesity	b_cell	<i>KCNA1</i>	0.03215138	0.001234448	0.088880223	1

Obesity	b_cell	<i>KCNAB3</i>	0.030739171	0.020448713	0.389124291	1
Obesity	b_cell	<i>KCNE3</i>	-0.00821459	0.039934492	0.521819345	1
Obesity	b_cell	<i>KCNK5</i>	-0.024330045	0.00114673	0.086006333	1
Obesity	b_cell	<i>KCNN2</i>	-0.022705302	0.000161194	0.030102978	0.963295296
Obesity	b_cell	<i>KDELC2</i>	0.010279315	0.010237919	0.283801986	1
Obesity	b_cell	<i>KHDRBS3</i>	0.003019316	0.007564892	0.23669003	1
Obesity	b_cell	<i>KHNYN</i>	-0.006361733	0.021111326	0.396733599	1
Obesity	b_cell	<i>KPNA4</i>	0.001979204	0.048484643	0.549799293	1
Obesity	b_cell	<i>KRIT1</i>	0.003302133	0.035301866	0.502295121	1
Obesity	b_cell	<i>LDHA</i>	0.005409737	0.012146433	0.304987742	1
Obesity	b_cell	<i>LDHC</i>	0.032335539	0.014364469	0.336074175	1
Obesity	b_cell	<i>LEMD2</i>	0.005041673	0.024309931	0.434958519	1
Obesity	b_cell	<i>LHCGR</i>	0.022565522	0.007140843	0.230668541	1
Obesity	b_cell	<i>LIMS1</i>	0.002944459	0.001350547	0.093677014	1
Obesity	b_cell	<i>LIN7C</i>	0.007355662	0.005625381	0.212767564	1
Obesity	b_cell	<i>LINC00648</i>	0.010188353	0.008520494	0.249987771	1
Obesity	b_cell	<i>LINC00909</i>	-0.004386361	0.046818542	0.541418684	1
Obesity	b_cell	<i>LINC00920</i>	-0.033095352	0.011953195	0.301402078	1
Obesity	b_cell	<i>LINC00959</i>	0.010840862	0.000242214	0.035874828	1
Obesity	b_cell	<i>LINC01011</i>	0.015752265	0.044039103	0.531583755	1
Obesity	b_cell	<i>LIPC</i>	0.008652637	0.021943319	0.406610566	1
Obesity	b_cell	<i>LMAN1</i>	-0.005321734	0.000343953	0.040303164	1
Obesity	b_cell	<i>LMAN2L</i>	0.004546954	0.028950286	0.465492589	1
Obesity	b_cell	<i>LMO1</i>	-0.022921264	0.028216076	0.4619706	1
Obesity	b_cell	<i>LPAR5</i>	0.006608525	0.049592349	0.554555332	1
Obesity	b_cell	<i>LRRC27</i>	-0.016086168	1.50E-05	0.006425998	0.089364096
Obesity	b_cell	<i>LRRC37A3</i>	0.009606524	0.034645745	0.497699459	1
Obesity	b_cell	<i>LRRC61</i>	-0.010399267	0.023030181	0.420881846	1
Obesity	b_cell	<i>LYRM9</i>	0.012699096	0.044774519	0.536217491	1
Obesity	b_cell	<i>MAP3K3</i>	0.002237824	0.004453978	0.188772851	1
Obesity	b_cell	<i>MAP3K6</i>	0.015342965	0.043709221	0.531583755	1
Obesity	b_cell	<i>MAST2</i>	0.004196829	0.01756045	0.366927441	1
Obesity	b_cell	<i>MATN3</i>	0.041847028	0.012627557	0.310544357	1
Obesity	b_cell	<i>MCAT</i>	0.06065309	7.61E-07	0.001070902	0.004548013
Obesity	b_cell	<i>MCM10</i>	-0.013530896	0.02270588	0.416228029	1
Obesity	b_cell	<i>MCUR1</i>	0.011218716	0.004154036	0.183885346	1
Obesity	b_cell	<i>MDH1</i>	0.004508553	0.04031528	0.521819345	1
Obesity	b_cell	<i>METTL13</i>	0.020063353	0.004841571	0.195494777	1
Obesity	b_cell	<i>METTL15</i>	0.003186676	0.032885602	0.485482296	1
Obesity	b_cell	<i>METTL4</i>	0.00456178	0.041946387	0.529738578	1
Obesity	b_cell	<i>MFAP2</i>	0.075598939	0.005888593	0.218572887	1
Obesity	b_cell	<i>MFAP3L</i>	-0.015341278	0.008349302	0.247779167	1
Obesity	b_cell	<i>MFSD1</i>	0.002712709	0.020355599	0.389124291	1
Obesity	b_cell	<i>MMP27</i>	0.017240376	0.006872501	0.22958504	1
Obesity	b_cell	<i>MORN1</i>	0.010082674	0.004069136	0.182835771	1
Obesity	b_cell	<i>MRPL34</i>	-0.009140055	0.004585175	0.191615422	1
Obesity	b_cell	<i>MRPL47</i>	-0.006939346	0.026672465	0.44899901	1
Obesity	b_cell	<i>MRPL54</i>	0.008472464	0.006876794	0.22958504	1
Obesity	b_cell	<i>MTBP</i>	0.009743242	0.000191282	0.033620677	1
Obesity	b_cell	<i>MTMR10</i>	-0.006434039	0.002359068	0.131611929	1
Obesity	b_cell	<i>MUTYH</i>	0.01283814	0.019288456	0.378584855	1
Obesity	b_cell	<i>MYOC</i>	0.004809492	0.042684473	0.531583755	1

Obesity	b_cell	<i>NACCI</i>	0.01404367	0.028048204	0.4619706	1
Obesity	b_cell	<i>NCBP2</i>	0.009019782	0.038696638	0.516185517	1
Obesity	b_cell	<i>NCKIPSD</i>	-0.008273314	0.039487627	0.521819345	1
Obesity	b_cell	<i>NDUFA6</i>	0.007330296	0.01254454	0.310544357	1
Obesity	b_cell	<i>NDUFAF4</i>	-0.005406881	0.018563369	0.373830721	1
Obesity	b_cell	<i>NEFH</i>	0.049687911	0.004206433	0.183916289	1
Obesity	b_cell	<i>NEK3</i>	0.003704885	0.041922112	0.529738578	1
Obesity	b_cell	<i>NFAT5</i>	-0.001597674	0.045110816	0.537016411	1
Obesity	b_cell	<i>NFYA</i>	0.004415463	0.021977111	0.406610566	1
Obesity	b_cell	<i>NME1-NME2</i>	0.069271804	0.001977337	0.116995731	1
Obesity	b_cell	<i>NMNAT3</i>	0.005344352	0.0152702	0.343062845	1
Obesity	b_cell	<i>NOD1</i>	0.002417526	0.010352884	0.283801986	1
Obesity	b_cell	<i>NOM1</i>	0.006374555	0.000484462	0.051995618	1
Obesity	b_cell	<i>NOS2</i>	-0.036191449	0.011169359	0.29147636	1
Obesity	b_cell	<i>NOV</i>	-0.019422832	1.51E-05	0.006425998	0.089963971
Obesity	b_cell	<i>NPAT</i>	0.003071264	0.038279973	0.515133161	1
Obesity	b_cell	<i>NPLOC4</i>	0.003743308	0.015697286	0.348532259	1
Obesity	b_cell	<i>NQO2</i>	0.005340103	0.033430983	0.490868679	1
Obesity	b_cell	<i>NR1H3</i>	0.006044617	0.011698736	0.298767714	1
Obesity	b_cell	<i>NRXN2</i>	0.013621381	0.010967539	0.290197664	1
Obesity	b_cell	<i>NSA2</i>	0.008193759	0.007900834	0.245913449	1
Obesity	b_cell	<i>NSUN6</i>	0.002419874	0.040332746	0.521819345	1
Obesity	b_cell	<i>NT5DC2</i>	-0.023034895	0.041919751	0.529738578	1
Obesity	b_cell	<i>NT5E</i>	0.006501081	0.004706677	0.192382246	1
Obesity	b_cell	<i>NTNG1</i>	0.006488531	0.039654409	0.521819345	1
Obesity	b_cell	<i>NUDCD3</i>	0.002884095	0.038312891	0.515133161	1
Obesity	b_cell	<i>NUDT21</i>	0.013797572	6.82E-05	0.01957878	0.407519574
Obesity	b_cell	<i>NUP62</i>	-0.008277688	0.039980461	0.521819345	1
Obesity	b_cell	<i>NXNL1</i>	0.089037187	0.003137283	0.155072886	1
Obesity	b_cell	<i>ODF2L</i>	-0.002292955	0.046236426	0.541418684	1
Obesity	b_cell	<i>OR8G5</i>	0.005737647	0.018298515	0.373830721	1
Obesity	b_cell	<i>OSBP2</i>	0.003771574	0.032432678	0.485482296	1
Obesity	b_cell	<i>OTOGL</i>	-0.025180394	0.021810788	0.406047572	1
Obesity	b_cell	<i>OTUD3</i>	-0.009012217	0.049607396	0.554555332	1
Obesity	b_cell	<i>OVGP1</i>	0.026694827	0.014402194	0.336074175	1
Obesity	b_cell	<i>OXGR1</i>	0.017105336	0.007976189	0.246972558	1
Obesity	b_cell	<i>PACSLN3</i>	0.03453963	0.000296104	0.038467831	1
Obesity	b_cell	<i>PANK2</i>	0.003296654	0.029834698	0.469054128	1
Obesity	b_cell	<i>PAPLN</i>	0.008439593	0.003770762	0.176047464	1
Obesity	b_cell	<i>PBLD</i>	0.008926464	0.024649093	0.435807639	1
Obesity	b_cell	<i>PCDHA6</i>	0.011794789	0.001149165	0.086006333	1
Obesity	b_cell	<i>PCDHAC1</i>	0.025967755	0.004001625	0.182127955	1
Obesity	b_cell	<i>PCDHB11</i>	0.025804447	0.049824181	0.554555332	1
Obesity	b_cell	<i>PCDHB12</i>	0.024053023	0.039010299	0.518056772	1
Obesity	b_cell	<i>PCDHB14</i>	0.016426362	0.019512071	0.378584855	1
Obesity	b_cell	<i>PCDHGA1</i>	0.047574148	0.004512819	0.189919755	1
Obesity	b_cell	<i>PCDHGA11</i>	0.058219871	0.00298196	0.15289565	1
Obesity	b_cell	<i>PCDHGA2</i>	0.072611758	0.004988217	0.198615295	1
Obesity	b_cell	<i>PCDHGA5</i>	0.023627019	0.000606265	0.06140745	1
Obesity	b_cell	<i>PDCD1LG2</i>	-0.008540554	0.04237784	0.531583755	1
Obesity	b_cell	<i>PDF</i>	0.069454513	0.00830317	0.247779167	1
Obesity	b_cell	<i>PDLIM4</i>	0.016730884	0.014909029	0.34136535	1

Obesity	b_cell	<i>PEX11G</i>	-0.015209162	0.044086456	0.531583755	1
Obesity	b_cell	<i>PEX14</i>	-0.00324651	0.010092714	0.283801986	1
Obesity	b_cell	<i>PHC1</i>	0.014246932	0.014308283	0.336074175	1
Obesity	b_cell	<i>PHF10</i>	0.003850356	0.019918726	0.385224295	1
Obesity	b_cell	<i>PHIP</i>	0.00294179	0.004277839	0.183916289	1
Obesity	b_cell	<i>PII5</i>	-0.122229765	1.83E-07	0.00036429	0.001092871
Obesity	b_cell	<i>PIGK</i>	-0.005391817	0.042995305	0.531583755	1
Obesity	b_cell	<i>PIP5KL1</i>	0.031837864	0.000114503	0.025343422	0.684272391
Obesity	b_cell	<i>PIPOX</i>	0.026471987	0.007109726	0.230668541	1
Obesity	b_cell	<i>PLA2G4B</i>	0.057515628	0.002378529	0.131611929	1
Obesity	b_cell	<i>PLAT</i>	-0.004574525	0.032181668	0.485482296	1
Obesity	b_cell	<i>PLCD4</i>	0.012903008	0.038401232	0.515133161	1
Obesity	b_cell	<i>PLEKHJ1</i>	-0.010588608	0.00109095	0.084669064	1
Obesity	b_cell	<i>PLEKHM1</i>	0.006146758	0.000783238	0.070918607	1
Obesity	b_cell	<i>PLEKHO2</i>	0.015310682	0.034598726	0.497699459	1
Obesity	b_cell	<i>PNKD</i>	0.004306233	0.018908049	0.374054269	1
Obesity	b_cell	<i>POLDIP2</i>	0.007181332	0.034781425	0.498268701	1
Obesity	b_cell	<i>POLR2J3</i>	-0.01233897	0.004961293	0.198615295	1
Obesity	b_cell	<i>POLR3G</i>	0.01128941	0.002308427	0.130143017	1
Obesity	b_cell	<i>POR</i>	-0.004737672	2.35E-05	0.009379673	0.140695102
Obesity	b_cell	<i>PPIA</i>	0.005410835	0.02051107	0.389124291	1
Obesity	b_cell	<i>PPID</i>	0.00871359	0.014399674	0.336074175	1
Obesity	b_cell	<i>PPMIN</i>	-0.009953684	0.036271712	0.505158017	1
Obesity	b_cell	<i>PRB2</i>	0.011621071	0.009526301	0.272388401	1
Obesity	b_cell	<i>PRDX1</i>	0.004781552	0.036732222	0.508129071	1
Obesity	b_cell	<i>PRDX5</i>	-0.006998461	0.005813859	0.21851333	1
Obesity	b_cell	<i>PRH2</i>	-0.018097947	0.046581177	0.541418684	1
Obesity	b_cell	<i>PRKAR2A</i>	0.002929031	0.003629569	0.17279262	1
Obesity	b_cell	<i>PROZ</i>	-0.033460587	0.00624015	0.221623205	1
Obesity	b_cell	<i>PRPF38A</i>	0.00774661	0.007255201	0.231856047	1
Obesity	b_cell	<i>PRPF4</i>	-0.009511904	0.001523051	0.100019234	1
Obesity	b_cell	<i>PRX</i>	0.019838291	0.028138946	0.4619706	1
Obesity	b_cell	<i>PSORSIC2</i>	-0.006754741	0.035812924	0.504759517	1
Obesity	b_cell	<i>PTBP3</i>	0.003136832	0.000370006	0.042522237	1
Obesity	b_cell	<i>PTCHD3</i>	0.044074001	0.000156816	0.030102978	0.937130266
Obesity	b_cell	<i>PTPN5</i>	-0.03017852	0.032086704	0.485482296	1
Obesity	b_cell	<i>PTPRO</i>	-0.007296049	0.029983045	0.469054128	1
Obesity	b_cell	<i>PUS10</i>	0.005023491	0.031578151	0.485482296	1
Obesity	b_cell	<i>PVR</i>	-0.014009316	0.024035411	0.433944457	1
Obesity	b_cell	<i>PWRNI</i>	-0.013972807	0.04176307	0.529738578	1
Obesity	b_cell	<i>QRICH1</i>	0.002644395	0.014563666	0.337258389	1
Obesity	b_cell	<i>RAB18</i>	0.005009826	0.001864352	0.112539079	1
Obesity	b_cell	<i>RARRES2</i>	-0.002283249	0.016612072	0.354549086	1
Obesity	b_cell	<i>RASL10B</i>	0.049236542	0.004262426	0.183916289	1
Obesity	b_cell	<i>RBBP5</i>	0.008605789	0.026059461	0.44298029	1
Obesity	b_cell	<i>RBM6</i>	-0.001340263	0.026563302	0.448424562	1
Obesity	b_cell	<i>REPIN1</i>	-0.007688797	0.020231712	0.389124291	1
Obesity	b_cell	<i>RET</i>	-0.017733291	0.025557995	0.441429423	1
Obesity	b_cell	<i>REXO1</i>	0.005572911	0.013748362	0.329960692	1
Obesity	b_cell	<i>RGCC</i>	-0.002718756	0.040428775	0.521819345	1
Obesity	b_cell	<i>RGS10</i>	0.006252739	0.033644477	0.492792627	1
Obesity	b_cell	<i>RGS11</i>	-0.008675245	0.004022907	0.182127955	1

Obesity	b_cell	<i>RGS18</i>	-0.003377254	0.037164594	0.510564629	1
Obesity	b_cell	<i>RHBDL3</i>	0.037896755	0.002531388	0.13628448	1
Obesity	b_cell	<i>RHPN1</i>	0.023404138	0.002653526	0.140331598	1
Obesity	b_cell	<i>RICTOR</i>	-0.001399887	0.018519158	0.373830721	1
Obesity	b_cell	<i>RNASEK</i>	-0.004368738	0.024225209	0.434744297	1
Obesity	b_cell	<i>RNF123</i>	0.007486897	0.006358076	0.221623205	1
Obesity	b_cell	<i>RNF14</i>	0.005394414	0.003685794	0.173435491	1
Obesity	b_cell	<i>RPIL1</i>	0.028291059	0.008273309	0.247779167	1
Obesity	b_cell	<i>RPAIN</i>	0.00601518	0.020497829	0.389124291	1
Obesity	b_cell	<i>RPP30</i>	0.008653457	0.01078302	0.290197664	1
Obesity	b_cell	<i>RPUSD3</i>	0.006271294	0.006125991	0.221623205	1
Obesity	b_cell	<i>RRNAD1</i>	0.008804757	0.029584714	0.468960881	1
Obesity	b_cell	<i>RRP8</i>	-0.011925783	0.020273787	0.389124291	1
Obesity	b_cell	<i>RTEL1</i>	0.028872047	0.046439902	0.541418684	1
Obesity	b_cell	<i>SI00A1</i>	0.030570824	0.005496115	0.210543493	1
Obesity	b_cell	<i>SI00A3</i>	0.067123078	0.04860385	0.550107208	1
Obesity	b_cell	<i>SAMD12</i>	0.003166565	0.017090713	0.360897877	1
Obesity	b_cell	<i>SCAMP1</i>	0.003590179	0.003521325	0.169705141	1
Obesity	b_cell	<i>SCP2</i>	0.002582572	0.016593282	0.354549086	1
Obesity	b_cell	<i>SDCCAG8</i>	-0.001409122	0.035400327	0.502499658	1
Obesity	b_cell	<i>SEC22C</i>	-0.00431183	0.044465806	0.53466329	1
Obesity	b_cell	<i>SEC24C</i>	0.007980391	0.019387253	0.378584855	1
Obesity	b_cell	<i>SEMA3F</i>	-0.013887924	0.021331434	0.399613316	1
Obesity	b_cell	<i>SERF1A</i>	-0.033173161	0.013043305	0.319454069	1
Obesity	b_cell	<i>SERPINC1</i>	0.044951036	0.005185146	0.201210587	1
Obesity	b_cell	<i>SF3A3</i>	0.004258687	0.037015101	0.509682591	1
Obesity	b_cell	<i>SFII</i>	-0.003197674	0.025426694	0.441429423	1
Obesity	b_cell	<i>SHANK3</i>	-0.002227596	0.004003633	0.182127955	1
Obesity	b_cell	<i>SIGLEC11</i>	-0.021229912	0.025063841	0.440324279	1
Obesity	b_cell	<i>SLAIN2</i>	-0.00477456	0.024420287	0.435076009	1
Obesity	b_cell	<i>SLC22A16</i>	-0.03483115	0.0427247	0.531583755	1
Obesity	b_cell	<i>SLC22A5</i>	0.008401825	0.018876328	0.374054269	1
Obesity	b_cell	<i>SLC25A23</i>	0.016159686	0.011301619	0.292622444	1
Obesity	b_cell	<i>SLC25A30</i>	0.007182231	0.034602329	0.497699459	1
Obesity	b_cell	<i>SLC25A32</i>	0.006184974	0.00556343	0.211764712	1
Obesity	b_cell	<i>SLC26A6</i>	0.016848032	0.030080491	0.469349906	1
Obesity	b_cell	<i>SLC27A6</i>	-0.03124323	3.61E-06	0.002396727	0.021570539
Obesity	b_cell	<i>SLC35C2</i>	0.004970564	0.001758889	0.110660199	1
Obesity	b_cell	<i>SLC4A5</i>	0.01878874	0.032074037	0.485482296	1
Obesity	b_cell	<i>SLC52A3</i>	0.034835812	0.028458072	0.462066464	1
Obesity	b_cell	<i>SMARCE1</i>	0.005006909	0.011076667	0.290325273	1
Obesity	b_cell	<i>SMG9</i>	-0.00913862	0.000855958	0.07150334	1
Obesity	b_cell	<i>SNRNP25</i>	-0.010827515	0.013948267	0.333419384	1
Obesity	b_cell	<i>SNX32</i>	0.008919309	0.042033853	0.529738578	1
Obesity	b_cell	<i>SORCS2</i>	0.014106791	0.000530977	0.054708932	1
Obesity	b_cell	<i>SORD</i>	0.030684238	0.002002563	0.117326661	1
Obesity	b_cell	<i>SPNS3</i>	-0.023182333	0.018172884	0.373199842	1
Obesity	b_cell	<i>SPP1</i>	0.006300024	0.006270879	0.221623205	1
Obesity	b_cell	<i>SPTSSB</i>	-0.037822572	0.000317415	0.03951822	1
Obesity	b_cell	<i>SRI</i>	0.005744726	0.046832446	0.541418684	1
Obesity	b_cell	<i>SRPK2</i>	0.001228911	0.001516732	0.100019234	1
Obesity	b_cell	<i>SRSF10</i>	0.002065931	0.025509076	0.441429423	1

Obesity	b_cell	<i>SSNA1</i>	0.00576536	0.036891796	0.509157901	1
Obesity	b_cell	<i>ST7L</i>	0.003548889	0.006485086	0.224016599	1
Obesity	b_cell	<i>STRADA</i>	0.01355381	0.000206467	0.03427356	1
Obesity	b_cell	<i>SUCO</i>	0.002726851	0.03455913	0.497699459	1
Obesity	b_cell	<i>SV2B</i>	0.008940588	0.027416282	0.455770034	1
Obesity	b_cell	<i>SYNGR2</i>	-0.005825904	0.0136076	0.327899273	1
Obesity	b_cell	<i>SYNJ2</i>	-0.007945936	0.011916228	0.301402078	1
Obesity	b_cell	<i>TBKBP1</i>	-0.007826308	0.0402416	0.521819345	1
Obesity	b_cell	<i>TBL2</i>	-0.014831148	0.000257502	0.035874828	1
Obesity	b_cell	<i>TBRG4</i>	-0.021918367	0.005420438	0.20898412	1
Obesity	b_cell	<i>TCAIM</i>	-0.00375109	0.046932654	0.541418684	1
Obesity	b_cell	<i>TDRD10</i>	0.005645223	0.008083445	0.247779167	1
Obesity	b_cell	<i>TERF2</i>	0.006902287	0.009146416	0.264053052	1
Obesity	b_cell	<i>TFCP2L1</i>	-0.019430157	0.000430913	0.048587478	1
Obesity	b_cell	<i>TFIP11</i>	0.00904323	0.048013215	0.54757056	1
Obesity	b_cell	<i>TFPT</i>	0.019098829	0.02974722	0.469054128	1
Obesity	b_cell	<i>THUMPD3</i>	0.006843106	0.037607709	0.513362328	1
Obesity	b_cell	<i>THY1</i>	0.00616365	0.038434025	0.515133161	1
Obesity	b_cell	<i>TIGD1</i>	0.010465421	0.007445088	0.23540659	1
Obesity	b_cell	<i>TIMM22</i>	0.009027674	0.040712356	0.522470051	1
Obesity	b_cell	<i>TK2</i>	0.006344505	0.026806382	0.449954032	1
Obesity	b_cell	<i>TMBIM1</i>	0.006905956	0.002109019	0.121461167	1
Obesity	b_cell	<i>TMCC2</i>	-0.024404422	0.003472802	0.168727356	1
Obesity	b_cell	<i>TMEM178B</i>	-0.008757994	0.016182885	0.352952274	1
Obesity	b_cell	<i>TMEM200A</i>	-0.011066285	0.013542939	0.327662363	1
Obesity	b_cell	<i>TMEM216</i>	0.019504378	0.0083754	0.247779167	1
Obesity	b_cell	<i>TMEM65</i>	0.002277227	0.010208674	0.283801986	1
Obesity	b_cell	<i>TMEM8A</i>	0.011721893	0.015120374	0.342270285	1
Obesity	b_cell	<i>TNNT3</i>	0.028087941	0.00083243	0.071371612	1
Obesity	b_cell	<i>TOMM40</i>	-0.00753801	0.017210538	0.362148504	1
Obesity	b_cell	<i>TOR1B</i>	-0.021394864	0.001854099	0.112539079	1
Obesity	b_cell	<i>TPSD1</i>	0.005022329	0.047017026	0.541418684	1
Obesity	b_cell	<i>TPX2</i>	0.0326429	0.034595744	0.497699459	1
Obesity	b_cell	<i>TRAPPC12</i>	0.003183516	0.025940182	0.442910078	1
Obesity	b_cell	<i>TRAPPC13</i>	0.006028004	0.010326464	0.283801986	1
Obesity	b_cell	<i>TRAPPC4</i>	-0.005911208	0.028356359	0.462066464	1
Obesity	b_cell	<i>TRMT44</i>	-0.008622501	0.004226816	0.183916289	1
Obesity	b_cell	<i>TSEN2</i>	-0.012119649	9.00E-07	0.001070902	0.005378516
Obesity	b_cell	<i>TSSK6</i>	0.044272139	0.015775826	0.348532259	1
Obesity	b_cell	<i>TUFT1</i>	0.017634876	0.032130488	0.485482296	1
Obesity	b_cell	<i>UBQLN1</i>	-0.003916998	0.000836013	0.071371612	1
Obesity	b_cell	<i>UCP3</i>	0.044539237	0.016443093	0.354549086	1
Obesity	b_cell	<i>UGGT2</i>	0.002454395	0.01347459	0.327333949	1
Obesity	b_cell	<i>UNC45B</i>	0.13543539	0.000246458	0.035874828	1
Obesity	b_cell	<i>USP37</i>	-0.002813672	0.039447396	0.521819345	1
Obesity	b_cell	<i>USP6</i>	0.043773174	1.22E-05	0.00605222	0.072626643
Obesity	b_cell	<i>UTS2</i>	0.017790569	0.008226959	0.247779167	1
Obesity	b_cell	<i>VAMP8</i>	0.014057708	0.000341836	0.040303164	1
Obesity	b_cell	<i>VDAC2</i>	0.014113487	0.029109156	0.46637082	1
Obesity	b_cell	<i>VMO1</i>	0.01226952	0.049875057	0.554555332	1
Obesity	b_cell	<i>VPS26B</i>	0.007634968	0.029511475	0.468960881	1
Obesity	b_cell	<i>VPS36</i>	0.002359617	0.047310257	0.542660458	1

Obesity	b_cell	<i>VWCE</i>	0.052657017	3.37E-09	1.15E-05	2.01E-05
Obesity	b_cell	<i>WDR6</i>	0.003914804	0.046315625	0.541418684	1
Obesity	b_cell	<i>WDR86</i>	0.008149594	0.031018551	0.480881168	1
Obesity	b_cell	<i>WFS1</i>	0.012478519	9.65E-05	0.023650131	0.576982351
Obesity	b_cell	<i>WNT5A</i>	-0.013468199	0.036220306	0.505158017	1
Obesity	b_cell	<i>WNT9A</i>	0.006946264	0.047083586	0.541418684	1
Obesity	b_cell	<i>YPEL3</i>	0.00340852	0.049090376	0.552474738	1
Obesity	b_cell	<i>ZBTB38</i>	0.002525501	0.010291587	0.283801986	1
Obesity	b_cell	<i>ZDHHC2</i>	-0.004507052	0.031060932	0.480881168	1
Obesity	b_cell	<i>ZNF10</i>	-0.011046779	0.010974677	0.290197664	1
Obesity	b_cell	<i>ZNF107</i>	0.006320711	0.005051795	0.198615295	1
Obesity	b_cell	<i>ZNF143</i>	-0.004543894	0.046961343	0.541418684	1
Obesity	b_cell	<i>ZNF23</i>	0.044118324	0.000258135	0.035874828	1
Obesity	b_cell	<i>ZNF232</i>	0.034193796	0.000933376	0.076409011	1
Obesity	b_cell	<i>ZNF248</i>	0.004604163	0.015805261	0.348532259	1
Obesity	b_cell	<i>ZNF260</i>	-0.007762225	0.004669749	0.192382246	1
Obesity	b_cell	<i>ZNF273</i>	0.007027997	0.028531212	0.462066464	1
Obesity	b_cell	<i>ZNF335</i>	-0.008735208	0.04660075	0.541418684	1
Obesity	b_cell	<i>ZNF354C</i>	0.008990404	0.000121885	0.026013637	0.728381825
Obesity	b_cell	<i>ZNF454</i>	-0.016037726	0.043798986	0.531583755	1
Obesity	b_cell	<i>ZNF470</i>	0.032543271	0.000967734	0.078151019	1
Obesity	b_cell	<i>ZNF492</i>	0.033855436	0.028827839	0.465492589	1
Obesity	b_cell	<i>ZNF547</i>	0.075421353	3.15E-05	0.01079534	0.188298302
Obesity	b_cell	<i>ZNF575</i>	-0.020941437	0.011409141	0.292622444	1
Obesity	b_cell	<i>ZNF593</i>	0.014471029	0.04325953	0.531583755	1
Obesity	b_cell	<i>ZNF598</i>	0.013703059	0.002780907	0.145778094	1
Obesity	b_cell	<i>ZNF608</i>	0.003705494	0.005161818	0.201210587	1
Obesity	b_cell	<i>ZNF660</i>	0.0287467	0.000988906	0.078796065	1
Obesity	b_cell	<i>ZNF677</i>	0.009678862	0.010933279	0.290197664	1
Obesity	b_cell	<i>ZNF793</i>	-0.01938131	2.71E-06	0.002026154	0.016209228
Obesity	b_cell	<i>ZNF835</i>	0.02116088	0.035963432	0.505158017	1
Obesity	b_cell	<i>ZNF90</i>	-0.006076191	0.044868929	0.536273443	1
Obesity	b_cell	<i>ZNF93</i>	0.008574148	0.00741994	0.23540659	1
Obesity	b_cell	<i>ZP3</i>	-0.009586933	0.031664976	0.485482296	1
Obesity	b_cell	<i>CYP2C9</i>	0.02743009	0.012266532	0.306714613	1
Obesity	b_cell	<i>FXYP3</i>	0.050977088	0.042678638	0.531583755	1
Obesity	b_cell	<i>HES5</i>	-0.017451506	0.005999002	0.221296529	1
Obesity	b_cell	<i>ICOSLG</i>	0.066144659	0.014452989	0.336074175	1
Obesity	b_cell	<i>SGCA</i>	0.024663221	0.01556627	0.34710459	1
Obesity	b_cell	<i>ZFP57</i>	0.007302069	0.004732294	0.192382246	1
Obesity	b_cell	<i>LINC00668</i>	0.005456822	0.047111398	0.541418684	1
Obesity	b_cell	<i>SERPINA3</i>	0.008043081	0.014616788	0.337258389	1
Obesity	b_cell	<i>BIRC7</i>	0.024674371	0.048853333	0.550844377	1
Obesity	b_cell	<i>CYP7A1</i>	-0.114751499	0.000774629	0.070918607	1
Obesity	b_cell	<i>OR2AE1</i>	0.004706144	0.029967385	0.469054128	1
Obesity	b_cell	<i>AP005482.1</i>	-0.006534921	0.003892752	0.180333987	1
Obesity	b_cell	<i>PGA3</i>	0.003937928	0.024820718	0.43754753	1
Obesity	b_cell	<i>SLC22A31</i>	0.011982469	0.009750585	0.277473792	1
Obesity	b_cell	<i>PDE6H</i>	0.00742141	0.042106062	0.529738578	1
Obesity	b_cell	<i>PGA5</i>	0.072721592	0.041871031	0.529738578	1
Obesity	b_cell	<i>CYP11A1</i>	0.014784937	0.011075232	0.290325273	1
Obesity	b_cell	<i>SLC5A7</i>	0.003505853	0.040393135	0.521819345	1

Obesity	b_cell	<i>AMY2A</i>	0.02017047	0.000487241	0.051995618	1
Obesity	dendritic_cell	<i>A4GALT</i>	0.009197064	0.005215344	0.202382437	1
Obesity	dendritic_cell	<i>A4GNT</i>	-0.072746077	0.024030857	0.424365605	1
Obesity	dendritic_cell	<i>ABCC5</i>	0.005367294	3.12E-05	0.011645554	0.18632886
Obesity	dendritic_cell	<i>ABTB2</i>	-0.009196672	0.002403449	0.145080911	1
Obesity	dendritic_cell	<i>AC006111.1</i>	-0.045854871	0.000701354	0.087318612	1
Obesity	dendritic_cell	<i>AC009495.3</i>	0.02003823	0.005756355	0.214999847	1
Obesity	dendritic_cell	<i>AC067945.3</i>	0.009946747	0.015604062	0.355261007	1
Obesity	dendritic_cell	<i>AC079776.2</i>	0.036859913	0.002807818	0.158297379	1
Obesity	dendritic_cell	<i>ACO2</i>	0.007895753	0.01365721	0.329565825	1
Obesity	dendritic_cell	<i>ACSM5</i>	0.011158835	0.008369429	0.263240565	1
Obesity	dendritic_cell	<i>ACVR2A</i>	0.003474609	0.000474333	0.072456219	1
Obesity	dendritic_cell	<i>ADAMTS13</i>	0.013804587	0.039688298	0.519703225	1
Obesity	dendritic_cell	<i>ADD2</i>	0.012986865	0.001019266	0.107701392	1
Obesity	dendritic_cell	<i>ADH6</i>	-0.036048309	0.001039461	0.107701392	1
Obesity	dendritic_cell	<i>ADSS</i>	-0.006711432	0.001454992	0.122588554	1
Obesity	dendritic_cell	<i>ADSSL1</i>	-0.014876964	0.017803688	0.371167082	1
Obesity	dendritic_cell	<i>AGO2</i>	-0.006297338	0.003911754	0.181214273	1
Obesity	dendritic_cell	<i>AL590822.1</i>	0.014790483	0.003227758	0.176072757	1
Obesity	dendritic_cell	<i>ANGEL1</i>	0.010497974	0.000374376	0.067796175	1
Obesity	dendritic_cell	<i>ANK1</i>	0.013248169	0.029638222	0.454693603	1
Obesity	dendritic_cell	<i>ANKDD1B</i>	0.007851973	0.009283914	0.278055399	1
Obesity	dendritic_cell	<i>ANKRD9</i>	-0.018320148	0.020141388	0.398559391	1
Obesity	dendritic_cell	<i>ANP32A</i>	-0.004313984	0.019562628	0.389687546	1
Obesity	dendritic_cell	<i>AP001007.1</i>	0.032657095	0.003706692	0.180858255	1
Obesity	dendritic_cell	<i>AP3S2</i>	-0.006947356	0.003283932	0.176072757	1
Obesity	dendritic_cell	<i>ARHGAP44</i>	-0.004641155	0.004474695	0.191005536	1
Obesity	dendritic_cell	<i>ARHGDIG</i>	-0.024125002	0.02095904	0.402601498	1
Obesity	dendritic_cell	<i>ARHGEF25</i>	-0.012111563	0.016291926	0.356873989	1
Obesity	dendritic_cell	<i>ARID3B</i>	0.007835611	0.030659648	0.462681958	1
Obesity	dendritic_cell	<i>ARMS2</i>	-0.071309756	0.006173628	0.21575204	1
Obesity	dendritic_cell	<i>ARRDC1</i>	-0.009590739	0.031346447	0.466315318	1
Obesity	dendritic_cell	<i>ARV1</i>	-0.008416436	0.020276913	0.398601419	1
Obesity	dendritic_cell	<i>ASB4</i>	0.036130234	0.029444201	0.454693603	1
Obesity	dendritic_cell	<i>ASIC3</i>	0.065033187	0.023242704	0.420426384	1
Obesity	dendritic_cell	<i>ATF6</i>	0.004024834	1.04E-06	0.000773662	0.006189297
Obesity	dendritic_cell	<i>ATG10</i>	-0.004009436	0.033145891	0.479612213	1
Obesity	dendritic_cell	<i>ATP10D</i>	-0.003400058	0.028185604	0.452086568	1
Obesity	dendritic_cell	<i>ATP6AP1L</i>	-0.016906456	7.07E-08	0.000196279	0.000422472
Obesity	dendritic_cell	<i>AURKC</i>	0.028291996	0.03225985	0.474827191	1
Obesity	dendritic_cell	<i>B3GALT5</i>	-0.047750474	0.042164532	0.533845858	1
Obesity	dendritic_cell	<i>B4GALT1</i>	0.003101111	0.023366155	0.420426384	1
Obesity	dendritic_cell	<i>BABAMI</i>	-0.010822059	0.027167306	0.444799513	1
Obesity	dendritic_cell	<i>BAD</i>	-0.009325707	0.009153535	0.277672714	1
Obesity	dendritic_cell	<i>BDH2</i>	0.006790707	0.009334483	0.278055399	1
Obesity	dendritic_cell	<i>BEND6</i>	0.013182655	0.042988594	0.535208	1
Obesity	dendritic_cell	<i>BIN3</i>	-0.00408612	0.014603908	0.339964515	1
Obesity	dendritic_cell	<i>BLOC1S1</i>	-0.013619222	2.49E-05	0.009914995	0.148724928
Obesity	dendritic_cell	<i>BMP2</i>	-0.015809351	0.01133909	0.303463571	1
Obesity	dendritic_cell	<i>BMP8A</i>	0.017049366	0.045027779	0.54825103	1
Obesity	dendritic_cell	<i>BTBD1</i>	0.005047415	0.019735663	0.391828321	1
Obesity	dendritic_cell	<i>C11orf54</i>	-0.007021924	0.005579495	0.211032031	1

Obesity	dendritic_cell	<i>C12orf54</i>	-0.029636645	0.004959086	0.202382437	1
Obesity	dendritic_cell	<i>C17orf49</i>	0.052064993	0.000365014	0.067796175	1
Obesity	dendritic_cell	<i>C17orf51</i>	-0.025234284	0.005095568	0.202382437	1
Obesity	dendritic_cell	<i>C19orf24</i>	0.011503037	0.013269352	0.329035874	1
Obesity	dendritic_cell	<i>C1QTNF4</i>	-0.020668056	0.001861137	0.126119839	1
Obesity	dendritic_cell	<i>C1orf109</i>	-0.008170502	0.018346597	0.37547694	1
Obesity	dendritic_cell	<i>C2orf73</i>	-0.011790713	0.037025021	0.501926788	1
Obesity	dendritic_cell	<i>C5orf22</i>	0.004993536	0.023804614	0.422382246	1
Obesity	dendritic_cell	<i>C7</i>	0.007721918	0.029192853	0.454693603	1
Obesity	dendritic_cell	<i>C7orf31</i>	-0.02384902	3.39E-07	0.000506374	0.002025497
Obesity	dendritic_cell	<i>CACUL1</i>	0.003563075	0.012424529	0.317965849	1
Obesity	dendritic_cell	<i>CALHM2</i>	0.007919585	0.006335719	0.216306435	1
Obesity	dendritic_cell	<i>CAPS2</i>	0.002959849	0.026854503	0.444466327	1
Obesity	dendritic_cell	<i>CAPZA2</i>	-0.004640992	0.013611953	0.329565825	1
Obesity	dendritic_cell	<i>CARS2</i>	0.003652431	0.030296939	0.460698496	1
Obesity	dendritic_cell	<i>CASC1</i>	-0.009300816	0.030476724	0.462256091	1
Obesity	dendritic_cell	<i>CAV3</i>	0.010944364	0.033439672	0.481531282	1
Obesity	dendritic_cell	<i>CBX6</i>	-0.005950094	0.035903117	0.501926788	1
Obesity	dendritic_cell	<i>CC2D1B</i>	0.010903356	0.003842519	0.180858255	1
Obesity	dendritic_cell	<i>CCDC114</i>	0.04851373	0.005188436	0.202382437	1
Obesity	dendritic_cell	<i>CCDC13</i>	-0.019199168	0.029009408	0.454693603	1
Obesity	dendritic_cell	<i>CCDC71L</i>	0.011019595	0.014284486	0.337205686	1
Obesity	dendritic_cell	<i>CCDC84</i>	0.003137258	0.005368613	0.206985998	1
Obesity	dendritic_cell	<i>CCL23</i>	-0.056681931	0.017321288	0.367063883	1
Obesity	dendritic_cell	<i>CD302</i>	-0.007096233	0.021661719	0.407076837	1
Obesity	dendritic_cell	<i>CELSR1</i>	0.006456571	0.001114318	0.111339749	1
Obesity	dendritic_cell	<i>CENPO</i>	-0.01167125	0.006156481	0.21575204	1
Obesity	dendritic_cell	<i>CENPW</i>	-0.01551564	0.043716529	0.540890225	1
Obesity	dendritic_cell	<i>CEP120</i>	0.005047516	0.006248882	0.215857325	1
Obesity	dendritic_cell	<i>CEP192</i>	-0.004126045	0.001528598	0.122588554	1
Obesity	dendritic_cell	<i>CHDH</i>	0.063749848	3.87E-06	0.002140165	0.023129244
Obesity	dendritic_cell	<i>CHURC1</i>	-0.003279862	0.017766593	0.371167082	1
Obesity	dendritic_cell	<i>CIB2</i>	-0.024526287	0.037543721	0.501926788	1
Obesity	dendritic_cell	<i>CLDN23</i>	-0.027065672	0.032615878	0.474827191	1
Obesity	dendritic_cell	<i>CLGN</i>	-0.039632125	0.041156331	0.527516905	1
Obesity	dendritic_cell	<i>CLHC1</i>	-0.010737037	0.000816727	0.093860767	1
Obesity	dendritic_cell	<i>CNGA4</i>	-0.021684895	0.029922845	0.457337401	1
Obesity	dendritic_cell	<i>COA1</i>	0.001673612	0.049987483	0.571176289	1
Obesity	dendritic_cell	<i>COA7</i>	-0.010226984	0.029232065	0.454693603	1
Obesity	dendritic_cell	<i>COLEC11</i>	-0.014681459	0.004231982	0.183810708	1
Obesity	dendritic_cell	<i>COLQ</i>	0.006974628	0.021194277	0.402601498	1
Obesity	dendritic_cell	<i>COMMD4</i>	0.00976101	0.002666609	0.156945329	1
Obesity	dendritic_cell	<i>COQ5</i>	-0.00998313	0.036186504	0.501926788	1
Obesity	dendritic_cell	<i>COX4I2</i>	-0.007099978	0.01857784	0.378911847	1
Obesity	dendritic_cell	<i>CRELD1</i>	-0.00905522	0.016491747	0.359688624	1
Obesity	dendritic_cell	<i>CTNNA1</i>	0.002563244	0.044914205	0.54825103	1
Obesity	dendritic_cell	<i>CWF19L2</i>	0.002793948	0.00596559	0.215193405	1
Obesity	dendritic_cell	<i>CYP26B1</i>	-0.008828934	0.038131054	0.505257602	1
Obesity	dendritic_cell	<i>CYP2C8</i>	-0.075819513	0.010902488	0.301635513	1
Obesity	dendritic_cell	<i>CYP4F11</i>	0.004579276	0.046396378	0.553593085	1
Obesity	dendritic_cell	<i>CYP4F22</i>	-0.031357043	0.012451365	0.317965849	1
Obesity	dendritic_cell	<i>DBNDD1</i>	0.020785171	0.041008847	0.527516905	1

Obesity	dendritic_cell	<i>DDX20</i>	-0.00581795	0.046520219	0.553593085	1
Obesity	dendritic_cell	<i>DHRS11</i>	-0.026182065	0.005180879	0.202382437	1
Obesity	dendritic_cell	<i>DNAJC3-AS1</i>	-0.010664803	0.02685422	0.444466327	1
Obesity	dendritic_cell	<i>DNALI1</i>	0.00571867	0.048798074	0.562967742	1
Obesity	dendritic_cell	<i>DNPEP</i>	0.009336965	0.041587254	0.529904968	1
Obesity	dendritic_cell	<i>DR1</i>	0.005265678	0.01011152	0.290511742	1
Obesity	dendritic_cell	<i>DRAM2</i>	0.004503964	0.002725491	0.158042636	1
Obesity	dendritic_cell	<i>DRD2</i>	0.029515829	0.002928924	0.162067142	1
Obesity	dendritic_cell	<i>DSTYK</i>	0.003777313	0.01065164	0.298846002	1
Obesity	dendritic_cell	<i>DTX4</i>	-0.010268824	0.022602914	0.414340542	1
Obesity	dendritic_cell	<i>DVL3</i>	-0.007207332	0.001940219	0.126119839	1
Obesity	dendritic_cell	<i>DZIP1</i>	0.006605021	0.002494399	0.149065264	1
Obesity	dendritic_cell	<i>EFCC1</i>	0.008863161	0.045894337	0.551314301	1
Obesity	dendritic_cell	<i>EFNB3</i>	-0.026108311	0.040638401	0.526800622	1
Obesity	dendritic_cell	<i>EFTUD2</i>	0.005151365	0.002223901	0.137010615	1
Obesity	dendritic_cell	<i>EIF4B</i>	0.004537393	0.0058616	0.215193405	1
Obesity	dendritic_cell	<i>ELP3</i>	0.003072113	0.012888614	0.323778215	1
Obesity	dendritic_cell	<i>EPDR1</i>	-0.006395232	0.004154813	0.183810708	1
Obesity	dendritic_cell	<i>ETV4</i>	-0.008533072	0.008720648	0.268881015	1
Obesity	dendritic_cell	<i>FAM110D</i>	0.014419544	0.014630504	0.339964515	1
Obesity	dendritic_cell	<i>FAM111A</i>	-0.0043156	0.002111153	0.131419285	1
Obesity	dendritic_cell	<i>FAM124B</i>	-0.031671792	0.000537537	0.07348383	1
Obesity	dendritic_cell	<i>FAM126B</i>	-0.001963926	0.028513689	0.452086568	1
Obesity	dendritic_cell	<i>FAM169A</i>	0.00611932	0.014964987	0.34396447	1
Obesity	dendritic_cell	<i>FAM198A</i>	0.023982004	0.017778387	0.371167082	1
Obesity	dendritic_cell	<i>FAM228A</i>	-0.066550207	0.006544427	0.220957588	1
Obesity	dendritic_cell	<i>FAM47E-STBD1</i>	0.022565399	0.02177905	0.407998751	1
Obesity	dendritic_cell	<i>FAM57A</i>	-0.017120042	0.016784668	0.362112553	1
Obesity	dendritic_cell	<i>FAM72B</i>	-0.019665385	0.036914932	0.501926788	1
Obesity	dendritic_cell	<i>FANCD2</i>	0.007863353	0.029335866	0.454693603	1
Obesity	dendritic_cell	<i>FANCG</i>	-0.01809446	0.032780844	0.475481373	1
Obesity	dendritic_cell	<i>FARSA</i>	0.008768162	0.001957119	0.126119839	1
Obesity	dendritic_cell	<i>FBXL18</i>	0.012002489	8.09E-05	0.024166529	0.483330588
Obesity	dendritic_cell	<i>FBXW8</i>	-0.003024042	0.007176284	0.235634476	1
Obesity	dendritic_cell	<i>FEZ2</i>	-0.001726918	0.014208563	0.336945919	1
Obesity	dendritic_cell	<i>FGL2</i>	0.002663927	0.025274754	0.437802703	1
Obesity	dendritic_cell	<i>FKBP11</i>	0.008609587	0.030586053	0.462681958	1
Obesity	dendritic_cell	<i>FKBP9</i>	0.006434933	0.026998206	0.444466327	1
Obesity	dendritic_cell	<i>FKRP</i>	0.006865712	0.033904595	0.487052552	1
Obesity	dendritic_cell	<i>FOXN2</i>	-0.003447403	0.0004733	0.072456219	1
Obesity	dendritic_cell	<i>FOXRED2</i>	-0.018773826	0.029540743	0.454693603	1
Obesity	dendritic_cell	<i>FOXS1</i>	-0.049612869	0.001559024	0.122588554	1
Obesity	dendritic_cell	<i>FPGT</i>	-0.016226044	8.97E-06	0.004321258	0.05360208
Obesity	dendritic_cell	<i>FTO</i>	0.002128883	0.011158439	0.303103783	1
Obesity	dendritic_cell	<i>FXYD5</i>	0.004956772	0.025446728	0.437937643	1
Obesity	dendritic_cell	<i>GABRA2</i>	-0.014313753	0.022519264	0.414077296	1
Obesity	dendritic_cell	<i>GABRR2</i>	0.017634438	0.006292682	0.216121064	1
Obesity	dendritic_cell	<i>GAL</i>	0.033300625	0.000180899	0.049138845	1
Obesity	dendritic_cell	<i>GALNS</i>	-0.009638435	0.009934107	0.290511742	1
Obesity	dendritic_cell	<i>GALNT14</i>	-0.00616262	0.033391584	0.481531282	1
Obesity	dendritic_cell	<i>GALNT3</i>	0.008359262	0.001971474	0.126119839	1
Obesity	dendritic_cell	<i>GAS2L1</i>	0.013041186	0.001579662	0.122598183	1

Obesity	dendritic_cell	<i>GAS2L2</i>	0.07203103	0.003364288	0.177920206	1
Obesity	dendritic_cell	<i>GCAT</i>	0.013111776	0.023427374	0.420426384	1
Obesity	dendritic_cell	<i>GID8</i>	0.006423997	0.001975634	0.126119839	1
Obesity	dendritic_cell	<i>GIMAP8</i>	-0.002895416	0.016302978	0.356873989	1
Obesity	dendritic_cell	<i>GLBIL</i>	-0.021653106	0.013568478	0.329565825	1
Obesity	dendritic_cell	<i>GLI4</i>	-0.010525053	0.014004163	0.334755504	1
Obesity	dendritic_cell	<i>GLIPR1L1</i>	0.010363101	0.001614531	0.123697913	1
Obesity	dendritic_cell	<i>GLS</i>	0.002001386	0.001045295	0.107701392	1
Obesity	dendritic_cell	<i>GM2A</i>	0.00442271	0.027503868	0.447855896	1
Obesity	dendritic_cell	<i>GPANK1</i>	-0.010217665	0.047881915	0.559830501	1
Obesity	dendritic_cell	<i>GRTPI</i>	0.009980005	0.011374806	0.303463571	1
Obesity	dendritic_cell	<i>GSI-124K5.4</i>	0.019318211	0.000334678	0.067796175	1
Obesity	dendritic_cell	<i>GSTM3</i>	-0.015899975	0.003843541	0.180858255	1
Obesity	dendritic_cell	<i>GSTM4</i>	-0.015804524	0.023815106	0.422382246	1
Obesity	dendritic_cell	<i>GTPBP3</i>	0.020278307	0.0344395	0.491194402	1
Obesity	dendritic_cell	<i>H3F3A</i>	-0.005055543	0.022726018	0.415323197	1
Obesity	dendritic_cell	<i>HAGH</i>	0.005136685	0.001858043	0.126119839	1
Obesity	dendritic_cell	<i>HCN1</i>	0.026608836	0.001277256	0.117295146	1
Obesity	dendritic_cell	<i>HDAC4</i>	0.003764121	2.62E-06	0.001741374	0.015672367
Obesity	dendritic_cell	<i>HFMI</i>	0.005833808	0.018205869	0.373877227	1
Obesity	dendritic_cell	<i>HIST1H2BJ</i>	-0.088569348	0.00189048	0.126119839	1
Obesity	dendritic_cell	<i>HIST1H3E</i>	-0.024520826	0.00046632	0.072456219	1
Obesity	dendritic_cell	<i>HLA-DQA2</i>	0.006741391	0.023589432	0.4220672	1
Obesity	dendritic_cell	<i>HLTF</i>	-0.005555567	0.016132506	0.356643653	1
Obesity	dendritic_cell	<i>HMOX2</i>	0.0034785	0.044579664	0.547039158	1
Obesity	dendritic_cell	<i>HOXC5</i>	0.030975435	0.045936698	0.551314301	1
Obesity	dendritic_cell	<i>HPS4</i>	0.003384107	0.039707815	0.519703225	1
Obesity	dendritic_cell	<i>HRAS</i>	-0.009496497	0.045428659	0.551284391	1
Obesity	dendritic_cell	<i>HRASLS</i>	-0.040893873	0.035342309	0.496954445	1
Obesity	dendritic_cell	<i>HTR7</i>	-0.005997633	0.021219958	0.402601498	1
Obesity	dendritic_cell	<i>HUS1</i>	0.004175198	0.020732112	0.400955026	1
Obesity	dendritic_cell	<i>HYI</i>	0.009208359	0.002065364	0.129922253	1
Obesity	dendritic_cell	<i>IFT88</i>	-0.002501086	0.034021311	0.487557203	1
Obesity	dendritic_cell	<i>IL16</i>	-0.005011486	0.004005791	0.182737474	1
Obesity	dendritic_cell	<i>IMPDH1</i>	-0.010794402	0.005847642	0.215193405	1
Obesity	dendritic_cell	<i>INCA1</i>	0.013198102	0.041311565	0.527516905	1
Obesity	dendritic_cell	<i>INPP5B</i>	0.003738253	0.046189475	0.553162929	1
Obesity	dendritic_cell	<i>IPO5</i>	-0.007143447	0.000125221	0.035634305	0.748320414
Obesity	dendritic_cell	<i>ITGA6</i>	0.001467406	0.043436082	0.539654942	1
Obesity	dendritic_cell	<i>JMJD7</i>	-0.058750669	0.040948288	0.527516905	1
Obesity	dendritic_cell	<i>KCNAB3</i>	-0.02760649	0.037313948	0.501926788	1
Obesity	dendritic_cell	<i>KCNK5</i>	0.018515384	0.013388308	0.329565825	1
Obesity	dendritic_cell	<i>KCNN2</i>	0.038594068	3.69E-10	2.21E-06	2.21E-06
Obesity	dendritic_cell	<i>KHDC1</i>	-0.009962413	0.001469764	0.122588554	1
Obesity	dendritic_cell	<i>KHNYN</i>	-0.007518095	0.006370471	0.216306435	1
Obesity	dendritic_cell	<i>KIAA0825</i>	-0.002259776	0.024235414	0.425973041	1
Obesity	dendritic_cell	<i>KIAA1109</i>	0.004803635	6.12E-07	0.000609669	0.003658012
Obesity	dendritic_cell	<i>KIAA1211L</i>	-0.018201889	0.000390757	0.068681303	1
Obesity	dendritic_cell	<i>KIAA1755</i>	0.020012122	7.23E-07	0.000617339	0.004321371
Obesity	dendritic_cell	<i>KIN</i>	0.005542727	0.037411098	0.501926788	1
Obesity	dendritic_cell	<i>KLF14</i>	-0.039244313	0.001117869	0.111339749	1
Obesity	dendritic_cell	<i>KLHL7</i>	0.004775805	0.042755734	0.534536124	1

Obesity	dendritic_cell	<i>KLRK1</i>	-0.02625751	0.029318935	0.454693603	1
Obesity	dendritic_cell	<i>KMT2A</i>	0.001879109	0.005437843	0.208311229	1
Obesity	dendritic_cell	<i>KNSTRN</i>	-0.015705379	0.020231001	0.398601419	1
Obesity	dendritic_cell	<i>KPNA6</i>	-0.004327812	0.009542739	0.282313902	1
Obesity	dendritic_cell	<i>KRIT1</i>	-0.004370648	0.004987153	0.202382437	1
Obesity	dendritic_cell	<i>KXD1</i>	-0.006571141	0.004330281	0.18617091	1
Obesity	dendritic_cell	<i>LACTB</i>	-0.003981196	0.031446632	0.466315318	1
Obesity	dendritic_cell	<i>LAMB3</i>	-0.017572322	0.011798504	0.306555919	1
Obesity	dendritic_cell	<i>LARS</i>	0.002126244	0.045734513	0.551314301	1
Obesity	dendritic_cell	<i>LDLRAD2</i>	-0.008267155	0.04647079	0.553593085	1
Obesity	dendritic_cell	<i>LILRA6</i>	-0.008715445	0.025773361	0.439243743	1
Obesity	dendritic_cell	<i>LIN7C</i>	-0.006224198	0.018814799	0.381288174	1
Obesity	dendritic_cell	<i>LINC00626</i>	-0.047378122	0.004912402	0.202382437	1
Obesity	dendritic_cell	<i>LINC00648</i>	-0.008691735	0.024959744	0.433602992	1
Obesity	dendritic_cell	<i>LINC00667</i>	-0.005706686	0.034241558	0.489539596	1
Obesity	dendritic_cell	<i>LINC00865</i>	-0.016707951	0.000616946	0.080149356	1
Obesity	dendritic_cell	<i>LINC00909</i>	0.006605064	0.002750407	0.158042636	1
Obesity	dendritic_cell	<i>LINC00944</i>	-0.008961583	0.047500685	0.558787589	1
Obesity	dendritic_cell	<i>LINC00959</i>	0.009997003	0.00069323	0.087318612	1
Obesity	dendritic_cell	<i>LINC00969</i>	0.003788892	0.004520756	0.191603096	1
Obesity	dendritic_cell	<i>LINC01060</i>	0.006071228	0.035064329	0.495376906	1
Obesity	dendritic_cell	<i>LINC01139</i>	-0.05069706	0.047637582	0.559297034	1
Obesity	dendritic_cell	<i>LMAN1</i>	0.002949573	0.046940276	0.554377649	1
Obesity	dendritic_cell	<i>LRP11</i>	0.006349863	0.003510644	0.179338108	1
Obesity	dendritic_cell	<i>LRRC15</i>	0.015576952	0.018119504	0.373386741	1
Obesity	dendritic_cell	<i>LRRC37A2</i>	-0.006019577	0.037110056	0.501926788	1
Obesity	dendritic_cell	<i>LRRC37A3</i>	0.011463045	0.00964956	0.284067825	1
Obesity	dendritic_cell	<i>LRRC38</i>	-0.029906587	0.027616836	0.448245016	1
Obesity	dendritic_cell	<i>LRRC57</i>	0.01140437	0.028517594	0.452086568	1
Obesity	dendritic_cell	<i>LYG1</i>	0.009392229	0.035000579	0.495376906	1
Obesity	dendritic_cell	<i>LYSMD4</i>	0.011487334	0.000197005	0.049764492	1
Obesity	dendritic_cell	<i>MANBAL</i>	-0.008366836	0.049791965	0.570032152	1
Obesity	dendritic_cell	<i>MAP3K3</i>	-0.001549527	0.048283395	0.560466419	1
Obesity	dendritic_cell	<i>MAP3K8</i>	0.002568128	0.011652935	0.306555919	1
Obesity	dendritic_cell	<i>MAPK8</i>	-0.002537531	0.025694465	0.439243743	1
Obesity	dendritic_cell	<i>MAPK9</i>	0.010947463	0.012548773	0.317965849	1
Obesity	dendritic_cell	<i>MDM1</i>	-0.003823529	0.037297681	0.501926788	1
Obesity	dendritic_cell	<i>MED17</i>	-0.010754634	0.001553201	0.122588554	1
Obesity	dendritic_cell	<i>MED19</i>	0.008515206	0.045878012	0.551314301	1
Obesity	dendritic_cell	<i>MED8</i>	-0.009876539	0.047440708	0.558787589	1
Obesity	dendritic_cell	<i>METAP1</i>	-0.01122955	0.005202981	0.202382437	1
Obesity	dendritic_cell	<i>METTL21C</i>	-0.061882097	0.003511138	0.179338108	1
Obesity	dendritic_cell	<i>MFAP3L</i>	0.014100118	0.015634813	0.355261007	1
Obesity	dendritic_cell	<i>MFSD7</i>	0.00888305	0.016658256	0.361030787	1
Obesity	dendritic_cell	<i>MIR22HG</i>	-0.006836734	0.003747435	0.180858255	1
Obesity	dendritic_cell	<i>MLLT6</i>	0.002620777	0.021418834	0.403782188	1
Obesity	dendritic_cell	<i>MMP27</i>	-0.015346899	0.015783629	0.355718524	1
Obesity	dendritic_cell	<i>MNT</i>	-0.014755953	0.010507936	0.297608653	1
Obesity	dendritic_cell	<i>MRII</i>	0.008492173	0.003498661	0.179338108	1
Obesity	dendritic_cell	<i>MRPL36</i>	0.012900025	0.039743034	0.519703225	1
Obesity	dendritic_cell	<i>MRPL43</i>	-0.009017216	0.003885202	0.181214273	1
Obesity	dendritic_cell	<i>MRPL47</i>	-0.010624552	0.000614208	0.080149356	1

Obesity	dendritic_cell	<i>MRPS26</i>	0.010355602	0.004168476	0.183810708	1
Obesity	dendritic_cell	<i>MUC4</i>	0.01894304	0.002787543	0.158297379	1
Obesity	dendritic_cell	<i>MXRA7</i>	0.007536075	0.044308467	0.544830035	1
Obesity	dendritic_cell	<i>MYCBPAP</i>	-0.017823643	0.039306741	0.517394454	1
Obesity	dendritic_cell	<i>MYH3</i>	-0.025805864	0.020716939	0.400955026	1
Obesity	dendritic_cell	<i>MYH7B</i>	-0.014066515	0.007121515	0.235128023	1
Obesity	dendritic_cell	<i>N4BP2L2</i>	-0.002666936	0.00189762	0.126119839	1
Obesity	dendritic_cell	<i>NBPF10</i>	-0.025640917	0.025921821	0.439243743	1
Obesity	dendritic_cell	<i>NCAM2</i>	0.005717085	0.047833233	0.559830501	1
Obesity	dendritic_cell	<i>NCLN</i>	-0.006906699	0.031826384	0.470778389	1
Obesity	dendritic_cell	<i>NDST1</i>	0.008171487	0.016874674	0.362744785	1
Obesity	dendritic_cell	<i>NME1</i>	0.017435401	0.006002521	0.215193405	1
Obesity	dendritic_cell	<i>NME4</i>	0.006251151	0.04024366	0.523956673	1
Obesity	dendritic_cell	<i>NMRK1</i>	-0.007022038	0.010767539	0.300686049	1
Obesity	dendritic_cell	<i>NPEPL1</i>	0.00569115	0.026019459	0.439243743	1
Obesity	dendritic_cell	<i>NRBP1</i>	0.005216479	0.003968983	0.182451084	1
Obesity	dendritic_cell	<i>NYAP1</i>	0.021201444	0.026506574	0.442467282	1
Obesity	dendritic_cell	<i>OR2A42</i>	-0.047243237	0.042513909	0.534536124	1
Obesity	dendritic_cell	<i>OR51E1</i>	0.017099672	0.028851707	0.454693603	1
Obesity	dendritic_cell	<i>OXGR1</i>	0.014217166	0.0269456	0.444466327	1
Obesity	dendritic_cell	<i>PAPSS1</i>	0.002902551	0.02043522	0.40039632	1
Obesity	dendritic_cell	<i>PARD3</i>	0.000921683	0.037927734	0.504802093	1
Obesity	dendritic_cell	<i>PCDHA6</i>	-0.00982538	0.006217504	0.215857325	1
Obesity	dendritic_cell	<i>PCDHB11</i>	-0.026199536	0.044810049	0.54825103	1
Obesity	dendritic_cell	<i>PCGF2</i>	0.016262538	0.01433237	0.337205686	1
Obesity	dendritic_cell	<i>PCGF3</i>	0.004622482	0.03115014	0.466315318	1
Obesity	dendritic_cell	<i>PDE1B</i>	-0.008276205	0.00339564	0.178003029	1
Obesity	dendritic_cell	<i>PDF</i>	-0.051984553	0.047994401	0.559830501	1
Obesity	dendritic_cell	<i>PDLIM4</i>	-0.017897632	0.00907452	0.276858056	1
Obesity	dendritic_cell	<i>PEX10</i>	-0.007490378	0.013102075	0.326830927	1
Obesity	dendritic_cell	<i>PEX14</i>	0.002782175	0.027836282	0.449593574	1
Obesity	dendritic_cell	<i>PHF2</i>	-0.004761155	0.036239908	0.501926788	1
Obesity	dendritic_cell	<i>PIGK</i>	-0.006467728	0.015838268	0.355718524	1
Obesity	dendritic_cell	<i>PIK3R4</i>	0.006134357	0.000265238	0.058461511	1
Obesity	dendritic_cell	<i>PLA2G2D</i>	-0.037731789	0.044180175	0.544830035	1
Obesity	dendritic_cell	<i>PLA2G4B</i>	-0.081094821	1.68E-05	0.007188242	0.100635395
Obesity	dendritic_cell	<i>PLEKHA8</i>	0.00841722	0.028974182	0.454693603	1
Obesity	dendritic_cell	<i>PLEKHJ1</i>	0.006508926	0.049237075	0.565554373	1
Obesity	dendritic_cell	<i>PLEKHM1</i>	-0.003790834	0.037410724	0.501926788	1
Obesity	dendritic_cell	<i>PLGLB1</i>	-0.072247466	0.017936967	0.37219207	1
Obesity	dendritic_cell	<i>PM20D1</i>	0.007901641	0.028498664	0.452086568	1
Obesity	dendritic_cell	<i>PMEL</i>	-0.013772449	0.013673754	0.329565825	1
Obesity	dendritic_cell	<i>PNRC2</i>	0.007173869	0.042936558	0.535208	1
Obesity	dendritic_cell	<i>POLR1B</i>	0.009829538	0.020608941	0.400955026	1
Obesity	dendritic_cell	<i>PP2D1</i>	0.006908546	0.012556884	0.317965849	1
Obesity	dendritic_cell	<i>PPIA</i>	0.007324465	0.001858305	0.126119839	1
Obesity	dendritic_cell	<i>PPIL1</i>	-0.01159374	0.042119492	0.533845858	1
Obesity	dendritic_cell	<i>PPM1G</i>	0.006415512	0.001417885	0.122588554	1
Obesity	dendritic_cell	<i>PPMIN</i>	0.015292385	0.001294627	0.117295146	1
Obesity	dendritic_cell	<i>PPP1R14A</i>	0.0089754	0.001310337	0.117295146	1
Obesity	dendritic_cell	<i>PPP5C</i>	-0.005644921	0.025992577	0.439243743	1
Obesity	dendritic_cell	<i>PRB2</i>	-0.015949608	0.000369291	0.067796175	1

Obesity	dendritic_cell	<i>PRDM8</i>	-0.016320068	0.007098899	0.235128023	1
Obesity	dendritic_cell	<i>PRH2</i>	0.033144175	0.000273916	0.058461511	1
Obesity	dendritic_cell	<i>PRIMPOL</i>	0.00461518	0.022112222	0.409110342	1
Obesity	dendritic_cell	<i>PRKD2</i>	0.003408262	0.01312574	0.326830927	1
Obesity	dendritic_cell	<i>PRMT2</i>	0.002230538	0.039973506	0.521575699	1
Obesity	dendritic_cell	<i>PRPF4</i>	0.008243897	0.006101	0.215737133	1
Obesity	dendritic_cell	<i>PRPH2</i>	-0.023268264	0.048709802	0.562967742	1
Obesity	dendritic_cell	<i>PRTN3</i>	0.006633438	0.001217758	0.117295146	1
Obesity	dendritic_cell	<i>PRX</i>	-0.018323608	0.042271052	0.534063017	1
Obesity	dendritic_cell	<i>PSMB7</i>	0.005083593	0.005199667	0.202382437	1
Obesity	dendritic_cell	<i>PSPH</i>	0.010332086	0.000497106	0.072456219	1
Obesity	dendritic_cell	<i>PSRC1</i>	0.025809979	0.022083088	0.409110342	1
Obesity	dendritic_cell	<i>PTCHD3</i>	-0.030593518	0.008728734	0.268881015	1
Obesity	dendritic_cell	<i>PTGR2</i>	0.017476348	0.000739488	0.090187382	1
Obesity	dendritic_cell	<i>PUS10</i>	-0.005104021	0.028802992	0.454693603	1
Obesity	dendritic_cell	<i>PWRN1</i>	-0.01441269	0.035984643	0.501926788	1
Obesity	dendritic_cell	<i>QRICH2</i>	0.011814861	0.027329067	0.446225419	1
Obesity	dendritic_cell	<i>RAB18</i>	-0.003780666	0.01888576	0.381288174	1
Obesity	dendritic_cell	<i>RAB37</i>	-0.005471599	0.038816924	0.513207823	1
Obesity	dendritic_cell	<i>RAB38</i>	0.007062045	0.006013604	0.215193405	1
Obesity	dendritic_cell	<i>RABL2B</i>	0.005864435	0.041287501	0.527516905	1
Obesity	dendritic_cell	<i>RACGAP1</i>	-0.01949431	0.007754198	0.247802613	1
Obesity	dendritic_cell	<i>RASGEF1A</i>	0.028956908	9.40E-06	0.004321258	0.056176358
Obesity	dendritic_cell	<i>RASGRP3</i>	0.00163276	0.032564465	0.474827191	1
Obesity	dendritic_cell	<i>RBBP4</i>	-0.004369906	0.005924003	0.215193405	1
Obesity	dendritic_cell	<i>RCAN1</i>	0.00644201	0.044286928	0.544830035	1
Obesity	dendritic_cell	<i>RET</i>	0.023164767	0.003784676	0.180858255	1
Obesity	dendritic_cell	<i>RFX8</i>	-0.014899394	0.010971602	0.302148824	1
Obesity	dendritic_cell	<i>RGS14</i>	-0.008446487	0.007572529	0.243298019	1
Obesity	dendritic_cell	<i>RHBDL1</i>	-0.032920253	0.020560225	0.400955026	1
Obesity	dendritic_cell	<i>RHBDL3</i>	-0.035069752	0.005148357	0.202382437	1
Obesity	dendritic_cell	<i>RHOBTB3</i>	0.001539127	0.036576824	0.501926788	1
Obesity	dendritic_cell	<i>RHPN1</i>	-0.016697713	0.031236575	0.466315318	1
Obesity	dendritic_cell	<i>RNF14</i>	-0.003759986	0.042731423	0.534536124	1
Obesity	dendritic_cell	<i>RNF17</i>	-0.069427765	0.015568946	0.355261007	1
Obesity	dendritic_cell	<i>RNPS1</i>	-0.004907616	0.026458351	0.442467282	1
Obesity	dendritic_cell	<i>RPP25</i>	-0.028569495	0.009352265	0.278055399	1
Obesity	dendritic_cell	<i>RPP25L</i>	-0.047878721	0.000450679	0.072456219	1
Obesity	dendritic_cell	<i>RPRD1A</i>	-0.002164221	0.023084883	0.419316894	1
Obesity	dendritic_cell	<i>RPS13</i>	-0.00637361	0.030777088	0.463284327	1
Obesity	dendritic_cell	<i>RPS23</i>	0.004239597	0.000924649	0.100467321	1
Obesity	dendritic_cell	<i>RPS26</i>	0.009128702	0.03240759	0.474827191	1
Obesity	dendritic_cell	<i>RRBP1</i>	0.002650162	0.010595124	0.298662565	1
Obesity	dendritic_cell	<i>RSL1D1</i>	-0.007482821	0.036859825	0.501926788	1
Obesity	dendritic_cell	<i>SI00A3</i>	0.071295781	0.037708795	0.503008386	1
Obesity	dendritic_cell	<i>SC5D</i>	0.005232632	0.049306196	0.565554373	1
Obesity	dendritic_cell	<i>SCAMP1</i>	0.003323058	0.00693789	0.231624757	1
Obesity	dendritic_cell	<i>SCAPER</i>	0.002345246	0.010258539	0.293325502	1
Obesity	dendritic_cell	<i>SCNN1A</i>	-0.024288826	0.034602788	0.492348246	1
Obesity	dendritic_cell	<i>SCP2</i>	0.00224299	0.036799582	0.501926788	1
Obesity	dendritic_cell	<i>SENP7</i>	-0.002016866	0.017021354	0.364586423	1
Obesity	dendritic_cell	<i>SERF1A</i>	-0.036950051	0.005475637	0.208422962	1

Obesity	dendritic_cell	<i>SERF1B</i>	-0.072682617	0.027118452	0.444799513	1
Obesity	dendritic_cell	<i>SERGEF</i>	0.003218054	0.025502393	0.437937643	1
Obesity	dendritic_cell	<i>SERHL2</i>	0.009489907	0.046621167	0.553593085	1
Obesity	dendritic_cell	<i>SERPINH1</i>	0.00464024	0.00187898	0.126119839	1
Obesity	dendritic_cell	<i>SF3A3</i>	0.006792305	0.000879173	0.099130948	1
Obesity	dendritic_cell	<i>SFTA1P</i>	-0.017233599	0.019347054	0.386682253	1
Obesity	dendritic_cell	<i>SH3YL1</i>	-0.005246389	0.042752972	0.534536124	1
Obesity	dendritic_cell	<i>SHB</i>	0.072308288	9.85E-08	0.000196279	0.000588837
Obesity	dendritic_cell	<i>SIGLEC7</i>	0.021111018	0.000199857	0.049764492	1
Obesity	dendritic_cell	<i>SLC14A1</i>	-0.012790252	0.014845796	0.342542381	1
Obesity	dendritic_cell	<i>SLC22A5</i>	-0.007444627	0.037468191	0.501926788	1
Obesity	dendritic_cell	<i>SLC25A38</i>	-0.008124925	0.042058963	0.533845858	1
Obesity	dendritic_cell	<i>SLC25A51</i>	-0.020286992	0.01714892	0.364704442	1
Obesity	dendritic_cell	<i>SLC26A4</i>	0.010869834	0.010900597	0.301635513	1
Obesity	dendritic_cell	<i>SLC29A3</i>	0.01500629	0.005212907	0.202382437	1
Obesity	dendritic_cell	<i>SLC35C2</i>	-0.005034885	0.00148058	0.122588554	1
Obesity	dendritic_cell	<i>SLC37A1</i>	-0.008210207	0.001553535	0.122588554	1
Obesity	dendritic_cell	<i>SLC39A13</i>	0.020031463	0.000223735	0.051693313	1
Obesity	dendritic_cell	<i>SLC39A9</i>	0.005617419	0.024072948	0.424365605	1
Obesity	dendritic_cell	<i>SLC5A11</i>	0.010618737	0.021221464	0.402601498	1
Obesity	dendritic_cell	<i>SLC5A4</i>	0.011206594	0.032656288	0.474827191	1
Obesity	dendritic_cell	<i>SLFN11</i>	-0.007681373	0.006751968	0.226684054	1
Obesity	dendritic_cell	<i>SMAD2</i>	0.003787118	0.019165085	0.384330698	1
Obesity	dendritic_cell	<i>SMARCE1</i>	0.003891724	0.048473118	0.561386344	1
Obesity	dendritic_cell	<i>SMYD4</i>	-0.005375954	0.013816274	0.331590583	1
Obesity	dendritic_cell	<i>SNUPN</i>	0.008322723	0.046781209	0.553593085	1
Obesity	dendritic_cell	<i>SPATA2L</i>	0.010318844	0.042534946	0.534536124	1
Obesity	dendritic_cell	<i>SPATA9</i>	0.00654582	0.00184455	0.126119839	1
Obesity	dendritic_cell	<i>SPECC1L</i>	0.015341509	0.020934067	0.402601498	1
Obesity	dendritic_cell	<i>SPHK2</i>	0.005184825	0.030118014	0.459146043	1
Obesity	dendritic_cell	<i>SPTSSB</i>	0.021498735	0.04052279	0.526443896	1
Obesity	dendritic_cell	<i>SRGAP2C</i>	-0.005117341	0.029460065	0.454693603	1
Obesity	dendritic_cell	<i>STEAP3</i>	-0.014514119	0.024678557	0.432489903	1
Obesity	dendritic_cell	<i>STON2</i>	0.001837771	0.009995023	0.290511742	1
Obesity	dendritic_cell	<i>STRIP2</i>	0.036752669	0.001845445	0.126119839	1
Obesity	dendritic_cell	<i>STRN4</i>	-0.008067043	0.013676761	0.329565825	1
Obesity	dendritic_cell	<i>STX19</i>	0.010212394	0.029673779	0.454693603	1
Obesity	dendritic_cell	<i>SUCO</i>	0.003104565	0.015914727	0.355718524	1
Obesity	dendritic_cell	<i>SULT1A2</i>	-0.021361737	0.012894782	0.323778215	1
Obesity	dendritic_cell	<i>SYCE1L</i>	-0.021115296	0.028520187	0.452086568	1
Obesity	dendritic_cell	<i>SYNGR2</i>	-0.006921048	0.003299891	0.176072757	1
Obesity	dendritic_cell	<i>TANGO2</i>	0.007748078	0.021952374	0.408683449	1
Obesity	dendritic_cell	<i>TAS2R14</i>	-0.016831342	0.004189698	0.183810708	1
Obesity	dendritic_cell	<i>TAS2R20</i>	-0.0571952	0.001269624	0.117295146	1
Obesity	dendritic_cell	<i>TAS2R46</i>	0.045574007	0.011451741	0.304158234	1
Obesity	dendritic_cell	<i>TBX6</i>	-0.034416881	0.007530942	0.243269781	1
Obesity	dendritic_cell	<i>TEF</i>	0.008562426	0.03711016	0.501926788	1
Obesity	dendritic_cell	<i>TEKT5</i>	0.035343702	0.048937736	0.563491157	1
Obesity	dendritic_cell	<i>TF</i>	-0.025756134	0.000804538	0.093860767	1
Obesity	dendritic_cell	<i>TFPT</i>	0.021772284	0.013641534	0.329565825	1
Obesity	dendritic_cell	<i>TGMI</i>	-0.046177333	0.023065578	0.419316894	1
Obesity	dendritic_cell	<i>TGOLN2</i>	-0.003531876	0.002393899	0.145080911	1

Obesity	dendritic_cell	<i>THAP3</i>	-0.007270972	0.007222278	0.235848817		1
Obesity	dendritic_cell	<i>THUMPD3</i>	0.008736086	0.007904695	0.251268381		1
Obesity	dendritic_cell	<i>TICRR</i>	0.034785954	0.045045391	0.54825103		1
Obesity	dendritic_cell	<i>TIGD1</i>	-0.008216847	0.035148091	0.495389134		1
Obesity	dendritic_cell	<i>TLE1</i>	0.002114911	0.036763243	0.501926788		1
Obesity	dendritic_cell	<i>TLE6</i>	-0.03424165	0.043605611	0.540637196		1
Obesity	dendritic_cell	<i>TLR6</i>	0.006654734	0.01460951	0.339964515		1
Obesity	dendritic_cell	<i>TMC1</i>	-0.015545738	0.000346925	0.067796175		1
Obesity	dendritic_cell	<i>TMCC2</i>	0.021011697	0.011611475	0.306555919		1
Obesity	dendritic_cell	<i>TMCO1</i>	0.007931256	4.85E-05	0.016086746	0.289561426	
Obesity	dendritic_cell	<i>TMCO6</i>	-0.00970259	0.018831398	0.381288174		1
Obesity	dendritic_cell	<i>TMEM165</i>	0.002218721	0.021380462	0.403782188		1
Obesity	dendritic_cell	<i>TMEM200A</i>	-0.011391617	0.011229319	0.303463571		1
Obesity	dendritic_cell	<i>TMEM241</i>	0.003012495	0.032450898	0.474827191		1
Obesity	dendritic_cell	<i>TMEM260</i>	-0.003246559	0.001315056	0.117295146		1
Obesity	dendritic_cell	<i>TMEM50B</i>	0.004161567	0.02767778	0.448245016		1
Obesity	dendritic_cell	<i>TNNT3</i>	0.020801656	0.014099903	0.335701285		1
Obesity	dendritic_cell	<i>TOMM34</i>	0.010766684	0.001764106	0.126119839		1
Obesity	dendritic_cell	<i>TOP1MT</i>	-0.016483256	0.004735507	0.19929148		1
Obesity	dendritic_cell	<i>TP53I3</i>	0.00695118	0.028275546	0.452086568		1
Obesity	dendritic_cell	<i>TPCN2</i>	-0.008938842	0.026155271	0.440292677		1
Obesity	dendritic_cell	<i>TRAPPC4</i>	0.006952895	0.010073701	0.290511742		1
Obesity	dendritic_cell	<i>TREML4</i>	0.011193188	0.00175007	0.126119839		1
Obesity	dendritic_cell	<i>TRIM23</i>	-0.003635287	0.01229501	0.317965849		1
Obesity	dendritic_cell	<i>TRIM4</i>	-0.006981227	0.001192817	0.11685697		1
Obesity	dendritic_cell	<i>TRIML2</i>	0.079568056	0.00040236	0.068700111		1
Obesity	dendritic_cell	<i>TRMT12</i>	-0.024982016	0.026277412	0.441106216		1
Obesity	dendritic_cell	<i>TRNT1</i>	-0.004902574	0.001830691	0.126119839		1
Obesity	dendritic_cell	<i>TSPAN4</i>	0.007737032	0.000541046	0.07348383		1
Obesity	dendritic_cell	<i>TTC19</i>	0.002760361	0.010034708	0.290511742		1
Obesity	dendritic_cell	<i>TTC21A</i>	0.013807131	0.003768888	0.180858255		1
Obesity	dendritic_cell	<i>TTC32</i>	-0.010167101	0.038029546	0.505032373		1
Obesity	dendritic_cell	<i>TTLI12</i>	-0.009704466	0.025834748	0.439243743		1
Obesity	dendritic_cell	<i>TUBG2</i>	-0.009241977	0.016012096	0.355718524		1
Obesity	dendritic_cell	<i>TUFM</i>	-0.008192899	0.017719559	0.371167082		1
Obesity	dendritic_cell	<i>TULP1</i>	0.022821543	0.011072729	0.302981661		1
Obesity	dendritic_cell	<i>TULP2</i>	0.013289331	0.000224904	0.051693313		1
Obesity	dendritic_cell	<i>TVP23B</i>	0.011457545	0.004126854	0.183810708		1
Obesity	dendritic_cell	<i>TXLNB</i>	0.013049433	0.018059917	0.373386741		1
Obesity	dendritic_cell	<i>UBA52</i>	-0.002644799	0.014677183	0.339964515		1
Obesity	dendritic_cell	<i>UBE2D3</i>	-0.002825147	0.002877357	0.160701755		1
Obesity	dendritic_cell	<i>UBE3B</i>	-0.003575811	0.036709031	0.501926788		1
Obesity	dendritic_cell	<i>UBQLN1</i>	0.005883386	5.37E-07	0.000609669	0.003211071	
Obesity	dendritic_cell	<i>UCHL1</i>	0.017342609	0.007513573	0.243269781		1
Obesity	dendritic_cell	<i>UCP3</i>	-0.062297975	0.000531348	0.07348383		1
Obesity	dendritic_cell	<i>ULK3</i>	-0.006490416	0.023332199	0.420426384		1
Obesity	dendritic_cell	<i>UNC45B</i>	0.096098906	0.009226894	0.278055399		1
Obesity	dendritic_cell	<i>UQCC1</i>	0.002683239	0.045942858	0.551314301		1
Obesity	dendritic_cell	<i>USP42</i>	-0.01488576	3.94E-06	0.002140165	0.023541811	
Obesity	dendritic_cell	<i>UTS2</i>	-0.027493602	4.03E-05	0.014154726	0.240630337	
Obesity	dendritic_cell	<i>VAMP4</i>	0.007826344	0.008519716	0.266564522		1
Obesity	dendritic_cell	<i>VIPAS39</i>	0.008097347	0.006067568	0.215737133		1

Obesity	dendritic_cell	<i>VPS37C</i>	-0.006298492	0.02250391	0.414077296	1
Obesity	dendritic_cell	<i>WASF3</i>	0.003796452	0.019094982	0.384214179	1
Obesity	dendritic_cell	<i>WDR17</i>	0.00792251	0.001983813	0.126119839	1
Obesity	dendritic_cell	<i>WDR31</i>	0.009043457	0.046750549	0.553593085	1
Obesity	dendritic_cell	<i>XRCC3</i>	0.008525582	0.015746512	0.355718524	1
Obesity	dendritic_cell	<i>YPEL3</i>	-0.003794082	0.028140465	0.452086568	1
Obesity	dendritic_cell	<i>YTHDF3-AS1</i>	0.029727454	0.038980183	0.514228646	1
Obesity	dendritic_cell	<i>ZBTB20</i>	0.00085217	0.005719706	0.214974613	1
Obesity	dendritic_cell	<i>ZC3H12C</i>	0.004989886	0.000495781	0.072456219	1
Obesity	dendritic_cell	<i>ZFAND2B</i>	-0.014266442	0.00077992	0.093216024	1
Obesity	dendritic_cell	<i>ZFP28</i>	0.008958013	0.008054694	0.254681748	1
Obesity	dendritic_cell	<i>ZNF14</i>	0.007038857	0.021218322	0.402601498	1
Obesity	dendritic_cell	<i>ZNF165</i>	0.03051411	0.026994514	0.444466327	1
Obesity	dendritic_cell	<i>ZNF211</i>	0.010862939	0.003299395	0.176072757	1
Obesity	dendritic_cell	<i>ZNF212</i>	0.009476067	0.011791138	0.306555919	1
Obesity	dendritic_cell	<i>ZNF215</i>	0.020725958	0.002678786	0.156945329	1
Obesity	dendritic_cell	<i>ZNF239</i>	-0.02407722	0.037074796	0.501926788	1
Obesity	dendritic_cell	<i>ZNF253</i>	0.005164232	0.04117198	0.527516905	1
Obesity	dendritic_cell	<i>ZNF260</i>	-0.006163495	0.024893647	0.433602992	1
Obesity	dendritic_cell	<i>ZNF276</i>	0.005498118	0.010458346	0.297608653	1
Obesity	dendritic_cell	<i>ZNF334</i>	-0.007533159	0.005930233	0.215193405	1
Obesity	dendritic_cell	<i>ZNF354C</i>	-0.005896201	0.011367905	0.303463571	1
Obesity	dendritic_cell	<i>ZNF404</i>	0.015483929	0.023819079	0.422382246	1
Obesity	dendritic_cell	<i>ZNF419</i>	0.017854886	0.004168499	0.183810708	1
Obesity	dendritic_cell	<i>ZNF454</i>	-0.023087852	0.003680465	0.180858255	1
Obesity	dendritic_cell	<i>ZNF503-AS1</i>	0.023560925	0.011706993	0.306555919	1
Obesity	dendritic_cell	<i>ZNF547</i>	0.059585192	0.000914006	0.100467321	1
Obesity	dendritic_cell	<i>ZNF567</i>	0.006587615	0.036895983	0.501926788	1
Obesity	dendritic_cell	<i>ZNF598</i>	-0.011014161	0.015972444	0.355718524	1
Obesity	dendritic_cell	<i>ZNF619</i>	-0.011764331	0.01712004	0.364704442	1
Obesity	dendritic_cell	<i>ZNF677</i>	-0.009093748	0.016674113	0.361030787	1
Obesity	dendritic_cell	<i>ZNF704</i>	0.001432699	0.031418792	0.466315318	1
Obesity	dendritic_cell	<i>ZNF708</i>	0.005202978	0.004782334	0.199854748	1
Obesity	dendritic_cell	<i>ZNF714</i>	-0.005215063	0.008627197	0.268521509	1
Obesity	dendritic_cell	<i>ZNF747</i>	-0.018584999	0.012399903	0.317965849	1
Obesity	dendritic_cell	<i>ZNF780A</i>	0.017912764	0.048057739	0.559830501	1
Obesity	dendritic_cell	<i>ZNF793</i>	0.008988959	0.030982778	0.465208749	1
Obesity	dendritic_cell	<i>ZNF837</i>	0.039705635	0.02193603	0.408683449	1
Obesity	dendritic_cell	<i>ZNF841</i>	0.008597676	0.003597806	0.180676385	1
Obesity	dendritic_cell	<i>ZP3</i>	0.009108631	0.040945632	0.527516905	1
Obesity	dendritic_cell	<i>ZSCAN23</i>	-0.014079722	0.024942551	0.433602992	1
Obesity	dendritic_cell	<i>CYP2C9</i>	-0.031241325	0.003549612	0.179766793	1
Obesity	dendritic_cell	<i>LEFTY1</i>	0.108880039	0.045479117	0.551284391	1
Obesity	dendritic_cell	<i>LINC01050</i>	0.022187293	0.032621154	0.474827191	1
Obesity	dendritic_cell	<i>OR52N4</i>	-0.127827297	0.017825461	0.371167082	1
Obesity	dendritic_cell	<i>SERPINA3</i>	-0.00790196	0.016173097	0.356643653	1
Obesity	dendritic_cell	<i>OR2AE1</i>	0.008610735	7.03E-05	0.022116566	0.420214759
Obesity	dendritic_cell	<i>AC135178.1</i>	0.047222941	0.035563574	0.49889182	1
Obesity	dendritic_cell	<i>GJB6</i>	-0.057190209	0.048299901	0.560466419	1
Obesity	dendritic_cell	<i>SOHLH2</i>	0.009527896	0.001518149	0.122588554	1
Obesity	dendritic_cell	<i>CHIA</i>	0.008394764	0.004244625	0.183810708	1
Obesity	dendritic_cell	<i>DLX6</i>	-0.050664203	0.003704444	0.180858255	1

Obesity	dendritic_cell	<i>LILRA4</i>	-0.066885124	0.011103244	0.302981661	1
Obesity	dendritic_cell	<i>SLC5A7</i>	0.003813181	0.025502341	0.437937643	1
Obesity	dendritic_cell	<i>C1orf64</i>	0.004370066	0.009080351	0.276858056	1
Obesity	dendritic_cell	<i>KRT77</i>	0.003946817	0.034767817	0.493521323	1
Obesity	endothelial	<i>ABHD12</i>	0.004615541	0.035302938	0.512063979	1
Obesity	endothelial	<i>ABHD8</i>	-0.008264962	0.039712929	0.529637895	1
Obesity	endothelial	<i>AC016773.1</i>	0.022844119	0.029070575	0.465752693	1
Obesity	endothelial	<i>AC026740.1</i>	0.008775037	0.001984919	0.130039972	1
Obesity	endothelial	<i>AC147651.3</i>	0.025932662	0.001425838	0.10391231	1
Obesity	endothelial	<i>ACADVL</i>	0.003101699	0.022586986	0.438246193	1
Obesity	endothelial	<i>ACE</i>	0.005280698	0.028297412	0.459525363	1
Obesity	endothelial	<i>ACLY</i>	-0.005584688	0.004239372	0.190484849	1
Obesity	endothelial	<i>ACO2</i>	0.006786479	0.034842607	0.508558537	1
Obesity	endothelial	<i>ACOT2</i>	-0.010832208	0.011068366	0.319060925	1
Obesity	endothelial	<i>ACTR1B</i>	-0.007209483	0.047408459	0.564368547	1
Obesity	endothelial	<i>ACTR3B</i>	0.006951253	0.012155976	0.330200519	1
Obesity	endothelial	<i>ACTR8</i>	-0.010133052	0.014886536	0.374897792	1
Obesity	endothelial	<i>ADAMTS13</i>	-0.013170456	0.049609955	0.572334154	1
Obesity	endothelial	<i>ADAT2</i>	0.006577913	0.025100568	0.449098389	1
Obesity	endothelial	<i>ADD2</i>	0.011729209	0.002891732	0.146449079	1
Obesity	endothelial	<i>ADHFE1</i>	-0.003606263	0.037813818	0.525107718	1
Obesity	endothelial	<i>ADO</i>	-0.030089239	0.000940774	0.082549728	1
Obesity	endothelial	<i>AGO1</i>	0.009374131	0.021655095	0.437388266	1
Obesity	endothelial	<i>AHSA2</i>	0.00291709	0.033717012	0.504690444	1
Obesity	endothelial	<i>ALDH7A1</i>	0.005639361	0.036167536	0.520812514	1
Obesity	endothelial	<i>ALKBH5</i>	-0.005810392	0.005624007	0.218240701	1
Obesity	endothelial	<i>ALOX12</i>	0.011501796	0.006046996	0.221452073	1
Obesity	endothelial	<i>AMPH</i>	0.009579774	2.55E-05	0.008947162	0.152101747
Obesity	endothelial	<i>AMT</i>	-0.010644321	0.037856599	0.525107718	1
Obesity	endothelial	<i>ANK1</i>	-0.012858195	0.034605155	0.508558537	1
Obesity	endothelial	<i>ANKDD1A</i>	-0.003407978	0.045134863	0.549505174	1
Obesity	endothelial	<i>AOAH</i>	-0.000668776	0.039349782	0.529637895	1
Obesity	endothelial	<i>AP000350.6</i>	0.030909169	0.027357399	0.456156365	1
Obesity	endothelial	<i>AP3S2</i>	0.00554834	0.018999874	0.414949782	1
Obesity	endothelial	<i>AP4M1</i>	0.00810046	0.009053712	0.290887014	1
Obesity	endothelial	<i>APEH</i>	-0.009866405	0.011019902	0.319060925	1
Obesity	endothelial	<i>AQP1</i>	-0.006520357	0.011298833	0.320008666	1
Obesity	endothelial	<i>ARMC1</i>	-0.006434818	0.015739742	0.38737609	1
Obesity	endothelial	<i>ARMS2</i>	-0.086925357	0.000775641	0.072478344	1
Obesity	endothelial	<i>ASB4</i>	0.04242903	0.010516884	0.312168274	1
Obesity	endothelial	<i>ATF1</i>	0.006067053	0.00302265	0.149825727	1
Obesity	endothelial	<i>ATG10</i>	0.004664552	0.013590127	0.354144569	1
Obesity	endothelial	<i>ATN1</i>	0.008035464	0.007605748	0.256790671	1
Obesity	endothelial	<i>ATP13A1</i>	-0.006429936	0.028014063	0.4595031	1
Obesity	endothelial	<i>ATP6AP1L</i>	0.01063703	0.000756619	0.072478344	1
Obesity	endothelial	<i>AUTS2</i>	0.000903711	0.025196611	0.449098389	1
Obesity	endothelial	<i>BANF1</i>	0.015871482	0.009650737	0.299266408	1
Obesity	endothelial	<i>BCO2</i>	0.01116079	0.02271401	0.439284539	1
Obesity	endothelial	<i>BCR</i>	-0.004243348	0.001331229	0.10180048	1
Obesity	endothelial	<i>BDHI</i>	0.008257755	0.006719781	0.236220072	1
Obesity	endothelial	<i>BEANI</i>	-0.006959922	0.018212147	0.407624679	1
Obesity	endothelial	<i>BECN1</i>	-0.007362598	0.000713969	0.072478344	1

Obesity	endothelial	<i>BEND3</i>	0.013972615	0.027958482	0.4595031	1
Obesity	endothelial	<i>BHMT</i>	0.015037353	0.048427019	0.568565548	1
Obesity	endothelial	<i>BIVM</i>	0.009168522	0.049235512	0.570697896	1
Obesity	endothelial	<i>BMP8A</i>	0.021812866	0.010268335	0.308359653	1
Obesity	endothelial	<i>BROX</i>	-0.011172549	0.000328003	0.049003679	1
Obesity	endothelial	<i>BVES</i>	-0.025938667	0.022075902	0.437388266	1
Obesity	endothelial	<i>C10orf25</i>	0.04229183	0.032631403	0.497462402	1
Obesity	endothelial	<i>C14orf132</i>	0.008601918	0.04303394	0.545088389	1
Obesity	endothelial	<i>C14orf37</i>	0.004434749	0.002458712	0.134028015	1
Obesity	endothelial	<i>C17orf51</i>	-0.018114291	0.04456828	0.549505174	1
Obesity	endothelial	<i>C18orf32</i>	-0.008367093	0.027402968	0.456156365	1
Obesity	endothelial	<i>C1QBP</i>	0.01597186	0.00303362	0.149825727	1
Obesity	endothelial	<i>C1orf109</i>	0.007147879	0.038930947	0.529637895	1
Obesity	endothelial	<i>C1orf216</i>	-0.012971436	0.025490316	0.449098389	1
Obesity	endothelial	<i>C20orf96</i>	0.008048443	0.044335257	0.549505174	1
Obesity	endothelial	<i>C21orf33</i>	-0.045002555	0.017220982	0.397345911	1
Obesity	endothelial	<i>C2orf73</i>	0.014271063	0.011460507	0.32153986	1
Obesity	endothelial	<i>C4BPB</i>	-0.019450457	0.008199195	0.270199458	1
Obesity	endothelial	<i>C5orf34</i>	0.00751785	0.044786831	0.549505174	1
Obesity	endothelial	<i>C6orf201</i>	-0.017249502	0.017170822	0.397345911	1
Obesity	endothelial	<i>C8orf46</i>	0.011670081	0.010153313	0.306445452	1
Obesity	endothelial	<i>C9orf64</i>	-0.013145321	0.046115564	0.55561817	1
Obesity	endothelial	<i>CA12</i>	0.013460034	0.041600268	0.541619176	1
Obesity	endothelial	<i>CAAP1</i>	-0.007537403	0.001095427	0.088463144	1
Obesity	endothelial	<i>CAMLG</i>	-0.006809791	0.001949343	0.129436392	1
Obesity	endothelial	<i>CAMSAP3</i>	0.033752054	0.019078652	0.414949782	1
Obesity	endothelial	<i>CAPZA2</i>	-0.003736286	0.047291017	0.564368547	1
Obesity	endothelial	<i>CARS2</i>	-0.004161925	0.013665646	0.354144569	1
Obesity	endothelial	<i>CAST</i>	0.00173213	0.037173093	0.525107718	1
Obesity	endothelial	<i>CCDC117</i>	0.014100354	0.000678323	0.072478344	1
Obesity	endothelial	<i>CCDC13</i>	0.018172012	0.039647514	0.529637895	1
Obesity	endothelial	<i>CCDC154</i>	-0.014221642	0.00209717	0.130039972	1
Obesity	endothelial	<i>CCDC40</i>	0.01207767	0.01604602	0.390513812	1
Obesity	endothelial	<i>CCNA2</i>	-0.014151468	0.042326759	0.545088389	1
Obesity	endothelial	<i>CCNE1</i>	0.028460261	0.011201121	0.319617743	1
Obesity	endothelial	<i>CD164L2</i>	0.008913557	0.030781172	0.484074427	1
Obesity	endothelial	<i>CD302</i>	-0.006417501	0.038744552	0.529637895	1
Obesity	endothelial	<i>CDC25A</i>	-0.032520042	0.026835104	0.455586886	1
Obesity	endothelial	<i>CDH6</i>	-0.001855086	0.047996879	0.565738357	1
Obesity	endothelial	<i>CELSR1</i>	0.003918217	0.047691787	0.564368547	1
Obesity	endothelial	<i>CEP170</i>	-0.003070632	0.000695908	0.072478344	1
Obesity	endothelial	<i>CEP41</i>	0.017688118	0.00440582	0.190504565	1
Obesity	endothelial	<i>CEP95</i>	-0.002888821	0.040593772	0.536699956	1
Obesity	endothelial	<i>CER1</i>	-0.093122239	0.031468636	0.493279867	1
Obesity	endothelial	<i>CERS5</i>	-0.006567649	6.59E-06	0.003281176	0.039374113
Obesity	endothelial	<i>CHDH</i>	0.028021393	0.043272531	0.546715949	1
Obesity	endothelial	<i>CHMP4C</i>	0.017056764	0.035832369	0.517512813	1
Obesity	endothelial	<i>CHPF</i>	0.015093818	0.043052497	0.545088389	1
Obesity	endothelial	<i>CIB2</i>	0.026115982	0.026939443	0.456062642	1
Obesity	endothelial	<i>CLCNKA</i>	-0.052321077	0.004474381	0.19099213	1
Obesity	endothelial	<i>CLSTN3</i>	-0.011100874	0.028089165	0.4595031	1
Obesity	endothelial	<i>CMTM4</i>	-0.011121082	0.016122193	0.390513812	1

Obesity	endothelial	<i>CMTR2</i>	-0.004748878	0.005368169	0.209674348	1
Obesity	endothelial	<i>COPRS</i>	0.012141303	0.020715642	0.426885095	1
Obesity	endothelial	<i>COX14</i>	0.005634349	0.037959594	0.525107718	1
Obesity	endothelial	<i>CPNE7</i>	-0.071393511	0.002607224	0.138327858	1
Obesity	endothelial	<i>CPT2</i>	-0.007350492	0.00523692	0.209674348	1
Obesity	endothelial	<i>CRELD1</i>	-0.007960805	0.034972034	0.508558537	1
Obesity	endothelial	<i>CROCC</i>	0.005605861	0.029527779	0.470554678	1
Obesity	endothelial	<i>CSPG4</i>	0.006813982	0.003416373	0.162033713	1
Obesity	endothelial	<i>CTDNEP1</i>	-0.015406079	0.01332135	0.35367038	1
Obesity	endothelial	<i>CYB5D2</i>	0.00766493	0.001379826	0.10180048	1
Obesity	endothelial	<i>CYP26B1</i>	-0.011196873	0.008426513	0.275173991	1
Obesity	endothelial	<i>CYP2C8</i>	0.07252921	0.015751739	0.38737609	1
Obesity	endothelial	<i>CYP4A11</i>	-0.032741605	0.000163105	0.030459915	0.974717294
Obesity	endothelial	<i>CYP8B1</i>	0.007254693	0.039035454	0.529637895	1
Obesity	endothelial	<i>DAD1</i>	0.004649083	0.041802879	0.541895889	1
Obesity	endothelial	<i>DAGLB</i>	0.007297015	0.026454067	0.452978523	1
Obesity	endothelial	<i>DCTN5</i>	-0.00754029	0.032475344	0.496349504	1
Obesity	endothelial	<i>DDX20</i>	0.006618192	0.024207636	0.449098389	1
Obesity	endothelial	<i>DDX23</i>	-0.006678859	0.039562859	0.529637895	1
Obesity	endothelial	<i>DDX42</i>	0.00347	0.00469055	0.196514248	1
Obesity	endothelial	<i>DDX5</i>	0.001672016	0.002846867	0.146113165	1
Obesity	endothelial	<i>DENND4C</i>	0.00222049	0.016455233	0.393330157	1
Obesity	endothelial	<i>DGCR6L</i>	0.016041099	0.04074254	0.53747774	1
Obesity	endothelial	<i>DHRS12</i>	-0.006742829	0.045240386	0.549505174	1
Obesity	endothelial	<i>DMKN</i>	-0.023202121	0.00030387	0.04656229	1
Obesity	endothelial	<i>DNAJC15</i>	0.009235458	0.002139177	0.130039972	1
Obesity	endothelial	<i>DNTTIP1</i>	-0.005150727	0.045536422	0.551979017	1
Obesity	endothelial	<i>DOK3</i>	-0.005724562	0.019543454	0.417113151	1
Obesity	endothelial	<i>DPP9</i>	0.007629161	0.006153854	0.221452073	1
Obesity	endothelial	<i>DRAM2</i>	0.004549839	0.002535449	0.1365031	1
Obesity	endothelial	<i>DTD2</i>	-0.017956234	0.044610933	0.549505174	1
Obesity	endothelial	<i>DTX4</i>	0.01109433	0.014320408	0.367290804	1
Obesity	endothelial	<i>DTYMK</i>	0.02503186	0.00075323	0.072478344	1
Obesity	endothelial	<i>ECM2</i>	0.003074113	0.016798922	0.39640253	1
Obesity	endothelial	<i>EFCAB12</i>	0.036941492	0.018503704	0.411071128	1
Obesity	endothelial	<i>EIF2D</i>	-0.008492989	0.036715376	0.523654143	1
Obesity	endothelial	<i>EIF3F</i>	-0.00355031	0.041322242	0.539342264	1
Obesity	endothelial	<i>EIF4B</i>	0.003584238	0.029287108	0.467967268	1
Obesity	endothelial	<i>ELP5</i>	0.012332932	0.000984896	0.084081944	1
Obesity	endothelial	<i>EML4</i>	0.001734736	0.001649817	0.115991873	1
Obesity	endothelial	<i>ERAP1</i>	0.003980281	0.003197962	0.155886919	1
Obesity	endothelial	<i>ERAP2</i>	-0.006145371	4.08E-05	0.012181955	0.243639108
Obesity	endothelial	<i>F2RL1</i>	-0.044196469	0.039035298	0.529637895	1
Obesity	endothelial	<i>FAIM2</i>	-0.017550826	0.001694536	0.117750562	1
Obesity	endothelial	<i>FAM111A</i>	0.003153526	0.025532101	0.449098389	1
Obesity	endothelial	<i>FAM118A</i>	0.005679765	0.048626726	0.569790818	1
Obesity	endothelial	<i>FAM162A</i>	0.009328234	4.76E-05	0.013534411	0.284222628
Obesity	endothelial	<i>FAM173B</i>	0.011440306	0.004296457	0.190504565	1
Obesity	endothelial	<i>FANCF</i>	0.015436082	0.000139348	0.02871533	0.832744584
Obesity	endothelial	<i>FEZ1</i>	-0.010304017	0.011686258	0.326341489	1
Obesity	endothelial	<i>FLNC</i>	0.015384219	0.0260689	0.452365448	1
Obesity	endothelial	<i>FLVCRI-ASI</i>	-0.014662223	0.015056136	0.374897792	1

Obesity	endothelial	<i>FOXN2</i>	-0.002231655	0.024525872	0.449098389	1
Obesity	endothelial	<i>FRA10AC1</i>	0.005082338	0.002860649	0.146113165	1
Obesity	endothelial	<i>GABPB2</i>	0.005720646	9.20E-05	0.019632967	0.549723068
Obesity	endothelial	<i>GABRR2</i>	0.016155119	0.012105893	0.330200519	1
Obesity	endothelial	<i>GCAT</i>	-0.01275483	0.027396487	0.456156365	1
Obesity	endothelial	<i>GCDH</i>	-0.006529888	0.026053154	0.452365448	1
Obesity	endothelial	<i>GDF9</i>	-0.034664182	0.020376916	0.421465725	1
Obesity	endothelial	<i>GFPT1</i>	-0.00325426	0.033842198	0.504690444	1
Obesity	endothelial	<i>GGNBP2</i>	0.003066666	0.004385899	0.190504565	1
Obesity	endothelial	<i>GLOD4</i>	0.013071395	0.017928007	0.404293481	1
Obesity	endothelial	<i>GMPPB</i>	0.013213825	0.008853515	0.28599247	1
Obesity	endothelial	<i>GMPS</i>	0.005013683	0.001190221	0.093588977	1
Obesity	endothelial	<i>GNPDA1</i>	0.006433728	0.001366623	0.10180048	1
Obesity	endothelial	<i>GOLGB1</i>	0.002816096	0.000247644	0.042283443	1
Obesity	endothelial	<i>GORASP1</i>	0.016139146	0.013748584	0.354144569	1
Obesity	endothelial	<i>GOSR1</i>	-0.004770681	3.58E-05	0.011266814	0.214069475
Obesity	endothelial	<i>GPN2</i>	0.009429381	0.005666008	0.218452032	1
Obesity	endothelial	<i>GPN3</i>	0.00966428	0.003235175	0.155914565	1
Obesity	endothelial	<i>GPR156</i>	0.025401705	0.021200958	0.433893573	1
Obesity	endothelial	<i>GPR161</i>	-0.008089759	0.021650004	0.437388266	1
Obesity	endothelial	<i>GPR35</i>	-0.025064426	0.034432977	0.508558537	1
Obesity	endothelial	<i>GPR63</i>	-0.014200648	0.013436133	0.35367038	1
Obesity	endothelial	<i>GRIN3B</i>	0.035468411	0.023565719	0.449098389	1
Obesity	endothelial	<i>GSTM4</i>	0.016629749	0.018323387	0.408584182	1
Obesity	endothelial	<i>GSTP1</i>	-0.004221173	0.014779014	0.374897792	1
Obesity	endothelial	<i>HACE1</i>	0.003586443	0.037438862	0.525107718	1
Obesity	endothelial	<i>HAGH</i>	-0.007078248	1.74E-05	0.006491345	0.103861515
Obesity	endothelial	<i>HAUS1</i>	-0.012833848	0.009783381	0.299823005	1
Obesity	endothelial	<i>HCG17</i>	0.003565953	0.034236487	0.507685467	1
Obesity	endothelial	<i>HCG27</i>	-0.006024794	0.048378849	0.568565548	1
Obesity	endothelial	<i>HDAC2</i>	0.007852885	1.19E-05	0.005070934	0.070993073
Obesity	endothelial	<i>HEATR3</i>	0.005657681	0.016517946	0.393330157	1
Obesity	endothelial	<i>HFMI</i>	0.013744737	3.31E-08	0.0001978	0.0001978
Obesity	endothelial	<i>HIST1H3E</i>	0.014870707	0.034954325	0.508558537	1
Obesity	endothelial	<i>HORMAD1</i>	-0.014760075	0.002362789	0.134028015	1
Obesity	endothelial	<i>HOXA4</i>	0.04106385	0.000280143	0.04405625	1
Obesity	endothelial	<i>HOXC5</i>	0.034944051	0.025626263	0.449098389	1
Obesity	endothelial	<i>HTR7</i>	0.006600803	0.0111052	0.319060925	1
Obesity	endothelial	<i>HTRA2</i>	-0.012550912	0.034976164	0.508558537	1
Obesity	endothelial	<i>IFT74</i>	0.003581638	0.044660406	0.549505174	1
Obesity	endothelial	<i>IFT88</i>	0.003303858	0.005304642	0.209674348	1
Obesity	endothelial	<i>IGDCC4</i>	0.01919651	0.01142146	0.32153986	1
Obesity	endothelial	<i>IL15</i>	-0.002776335	0.039214659	0.529637895	1
Obesity	endothelial	<i>ING5</i>	-0.002823747	0.024400253	0.449098389	1
Obesity	endothelial	<i>INO80E</i>	-0.005594557	0.039882372	0.529637895	1
Obesity	endothelial	<i>INSIG2</i>	0.009586981	0.018168486	0.407624679	1
Obesity	endothelial	<i>INTS8</i>	0.003733328	0.021783458	0.437388266	1
Obesity	endothelial	<i>IQSEC3</i>	-0.022485005	0.018684255	0.412043482	1
Obesity	endothelial	<i>IRS1</i>	-0.00438645	0.032276193	0.495862153	1
Obesity	endothelial	<i>ITGAV</i>	0.002731259	0.026115475	0.452365448	1
Obesity	endothelial	<i>JKAMP</i>	0.00455108	0.027304438	0.456156365	1
Obesity	endothelial	<i>JMJD8</i>	0.018307202	0.002154277	0.130039972	1

Obesity	endothelial	<i>KANK3</i>	0.003017976	0.039844961	0.529637895	1
Obesity	endothelial	<i>KCNC4</i>	-0.009868806	0.027847816	0.4595031	1
Obesity	endothelial	<i>KHNYN</i>	0.009557108	0.000535173	0.06150378	1
Obesity	endothelial	<i>KIAA0040</i>	0.004187821	0.017890054	0.404293481	1
Obesity	endothelial	<i>KIAA1468</i>	0.004340572	0.00443108	0.190504565	1
Obesity	endothelial	<i>KIN</i>	0.006044697	0.023351732	0.449098389	1
Obesity	endothelial	<i>KLHL29</i>	-0.002162552	0.045927639	0.554471855	1
Obesity	endothelial	<i>KNSTRN</i>	-0.016850683	0.013332764	0.35367038	1
Obesity	endothelial	<i>KPNA6</i>	-0.004229682	0.011231547	0.319617743	1
Obesity	endothelial	<i>KRR1</i>	0.006233843	0.017739547	0.403085671	1
Obesity	endothelial	<i>LACC1</i>	-0.011367731	0.022355044	0.437388266	1
Obesity	endothelial	<i>LARP7</i>	-0.003522408	0.035851791	0.517512813	1
Obesity	endothelial	<i>LAYN</i>	0.008528678	0.006888019	0.237958087	1
Obesity	endothelial	<i>LCA5L</i>	0.010487423	0.019486235	0.417113151	1
Obesity	endothelial	<i>LDLRAD2</i>	0.008940177	0.033323876	0.504160723	1
Obesity	endothelial	<i>LENG9</i>	0.011401421	0.037656217	0.525107718	1
Obesity	endothelial	<i>LINC00526</i>	-0.029739242	0.002263544	0.132617077	1
Obesity	endothelial	<i>LINC00662</i>	0.006756591	0.012123581	0.330200519	1
Obesity	endothelial	<i>LINC00664</i>	-0.1072826	0.000513217	0.061339753	1
Obesity	endothelial	<i>LINC00865</i>	0.013593058	0.005139761	0.207535198	1
Obesity	endothelial	<i>LINC00924</i>	0.007505711	0.004307381	0.190504565	1
Obesity	endothelial	<i>LINC01011</i>	0.021567999	0.005972102	0.221452073	1
Obesity	endothelial	<i>LINC01140</i>	0.015500138	0.033649881	0.504690444	1
Obesity	endothelial	<i>LIPT1</i>	-0.011020788	0.010981283	0.319060925	1
Obesity	endothelial	<i>LMAN1</i>	-0.003784968	0.010680796	0.314425783	1
Obesity	endothelial	<i>LRRC27</i>	0.008178535	0.028801544	0.463929998	1
Obesity	endothelial	<i>LRRC38</i>	0.027383533	0.044694085	0.549505174	1
Obesity	endothelial	<i>LRRC59</i>	0.006497463	0.03930224	0.529637895	1
Obesity	endothelial	<i>LRRC61</i>	0.010342927	0.024460562	0.449098389	1
Obesity	endothelial	<i>LSG1</i>	0.00295905	0.03395006	0.504690444	1
Obesity	endothelial	<i>LY6K</i>	-0.026100488	0.003646035	0.16904657	1
Obesity	endothelial	<i>LYNX1</i>	-0.015002051	0.046382071	0.557704744	1
Obesity	endothelial	<i>LYSMD4</i>	-0.008189984	0.007693957	0.258309485	1
Obesity	endothelial	<i>MADCAM1</i>	0.008069129	0.019094911	0.414949782	1
Obesity	endothelial	<i>MANEA</i>	-0.016532428	8.49E-05	0.018798286	0.50755373
Obesity	endothelial	<i>MASPI</i>	0.016200785	0.023897007	0.449098389	1
Obesity	endothelial	<i>MAVS</i>	0.007327992	0.025834931	0.451431433	1
Obesity	endothelial	<i>MDH1</i>	-0.005331174	0.015031423	0.374897792	1
Obesity	endothelial	<i>MDH1B</i>	0.042820103	0.014997426	0.374897792	1
Obesity	endothelial	<i>MED28</i>	-0.008647779	7.95E-05	0.018603354	0.474946265
Obesity	endothelial	<i>MEI1</i>	0.011421534	0.005349226	0.209674348	1
Obesity	endothelial	<i>MEST</i>	-0.004013815	0.004997497	0.204555066	1
Obesity	endothelial	<i>METTL21C</i>	0.096188694	7.51E-06	0.003452044	0.044876577
Obesity	endothelial	<i>MFSD7</i>	-0.01093393	0.003208516	0.155886919	1
Obesity	endothelial	<i>MITD1</i>	0.003917538	0.001808514	0.121434601	1
Obesity	endothelial	<i>MKRN2</i>	-0.011826917	0.008710667	0.282907315	1
Obesity	endothelial	<i>MLIP</i>	0.014924151	0.043735292	0.549505174	1
Obesity	endothelial	<i>MLLT6</i>	-0.002961939	0.009193712	0.292242676	1
Obesity	endothelial	<i>MMACHC</i>	-0.013974138	0.048728991	0.56987172	1
Obesity	endothelial	<i>MMS19</i>	0.005130222	0.012100187	0.330200519	1
Obesity	endothelial	<i>MRPL47</i>	0.006992434	0.026543657	0.453213981	1
Obesity	endothelial	<i>MRPS26</i>	0.012680951	0.000410396	0.05331584	1

Obesity	endothelial	<i>MSH3</i>	0.006832862	1.86E-06	0.001386899	0.011095194
Obesity	endothelial	<i>MTMR9</i>	0.006472577	0.020958036	0.43039595	1
Obesity	endothelial	<i>MTRF1L</i>	0.009660994	0.017328208	0.398282196	1
Obesity	endothelial	<i>MYO19</i>	-0.004768165	0.049481768	0.571959465	1
Obesity	endothelial	<i>NACAD</i>	0.03282543	0.024068027	0.449098389	1
Obesity	endothelial	<i>NACCI</i>	-0.017999577	0.003887915	0.178724459	1
Obesity	endothelial	<i>NAGS</i>	-0.005321162	0.010551873	0.312168274	1
Obesity	endothelial	<i>NAPG</i>	0.004154717	0.016529875	0.393330157	1
Obesity	endothelial	<i>NCAM2</i>	0.010976086	0.000145849	0.029053038	0.87159114
Obesity	endothelial	<i>NCOA6</i>	0.002396358	0.019486547	0.417113151	1
Obesity	endothelial	<i>NDUFA6</i>	-0.005668228	0.049135969	0.570697896	1
Obesity	endothelial	<i>NDUFAF4</i>	-0.005134695	0.02499128	0.449098389	1
Obesity	endothelial	<i>NINJI</i>	0.007092229	0.029864208	0.474596949	1
Obesity	endothelial	<i>NLRP2</i>	0.011539662	0.04727565	0.564368547	1
Obesity	endothelial	<i>NMNAT3</i>	-0.004926144	0.025138015	0.449098389	1
Obesity	endothelial	<i>NOD1</i>	0.002289048	0.015291707	0.379183563	1
Obesity	endothelial	<i>NPEPPS</i>	0.004262364	0.002029605	0.130039972	1
Obesity	endothelial	<i>NRBP1</i>	0.003637621	0.044868732	0.549505174	1
Obesity	endothelial	<i>NT5DC2</i>	-0.037269299	0.00100446	0.084082594	1
Obesity	endothelial	<i>NUDCD2</i>	-0.015595805	0.000533361	0.06150378	1
Obesity	endothelial	<i>NUDCD3</i>	0.003226486	0.020382128	0.421465725	1
Obesity	endothelial	<i>NUDT12</i>	-0.010304152	0.001362994	0.10180048	1
Obesity	endothelial	<i>NUP54</i>	-0.0075597	0.000182259	0.032650176	1
Obesity	endothelial	<i>ODF2L</i>	0.002520219	0.028486596	0.461343889	1
Obesity	endothelial	<i>OGDH</i>	-0.002195431	0.037471728	0.525107718	1
Obesity	endothelial	<i>OGN</i>	0.006881522	0.002421145	0.134028015	1
Obesity	endothelial	<i>OLR1</i>	-0.020843694	0.02671516	0.454842732	1
Obesity	endothelial	<i>OR2A42</i>	-0.055583339	0.016914767	0.39640253	1
Obesity	endothelial	<i>OTUD3</i>	0.018421397	7.40E-05	0.01842554	0.442212962
Obesity	endothelial	<i>OVCHI-AS1</i>	-0.006099403	0.007579617	0.256790671	1
Obesity	endothelial	<i>OVGP1</i>	0.024084373	0.027152023	0.456156365	1
Obesity	endothelial	<i>P4HA3</i>	0.005329219	0.044843857	0.549505174	1
Obesity	endothelial	<i>PANK2</i>	0.003086061	0.043009063	0.545088389	1
Obesity	endothelial	<i>PAPLN</i>	0.00895766	0.002043265	0.130039972	1
Obesity	endothelial	<i>PARP14</i>	0.00191688	0.040058705	0.530800052	1
Obesity	endothelial	<i>PARP4</i>	-0.002081293	0.023686066	0.449098389	1
Obesity	endothelial	<i>PCDHB11</i>	-0.027378658	0.036714976	0.523654143	1
Obesity	endothelial	<i>PCGF2</i>	-0.021952575	0.000934651	0.082549728	1
Obesity	endothelial	<i>PCMTD2</i>	0.008800904	0.002213393	0.132272357	1
Obesity	endothelial	<i>PDCD10</i>	-0.002903395	0.019613348	0.417115182	1
Obesity	endothelial	<i>PDCD6IP</i>	0.002142631	0.041719596	0.541895889	1
Obesity	endothelial	<i>PDE6G</i>	-0.038501116	0.022058082	0.437388266	1
Obesity	endothelial	<i>PDLIM4</i>	0.02755092	6.20E-05	0.016832522	0.370315481
Obesity	endothelial	<i>PEAK1</i>	0.001425	0.037943505	0.525107718	1
Obesity	endothelial	<i>PEX14</i>	-0.002936979	0.02029617	0.421465725	1
Obesity	endothelial	<i>PFDNI</i>	0.005247469	0.000733291	0.072478344	1
Obesity	endothelial	<i>PFN2</i>	-0.015592398	0.002058757	0.130039972	1
Obesity	endothelial	<i>PHACTR3</i>	-0.026466034	0.025374056	0.449098389	1
Obesity	endothelial	<i>PHC1</i>	-0.017556606	0.002439488	0.134028015	1
Obesity	endothelial	<i>PHF2</i>	-0.005866826	0.009671889	0.299266408	1
Obesity	endothelial	<i>PHOSPHO2</i>	0.023814092	0.000503812	0.061339753	1
Obesity	endothelial	<i>PII5</i>	0.054152107	0.022330414	0.437388266	1

Obesity	endothelial	<i>PII6</i>	0.002193607	0.028912224	0.464460894	1
Obesity	endothelial	<i>PIK3CB</i>	-0.002113714	0.044283366	0.549505174	1
Obesity	endothelial	<i>PILRB</i>	-0.004552107	0.041335133	0.539342264	1
Obesity	endothelial	<i>PLA2G4B</i>	0.043927477	0.020345293	0.421465725	1
Obesity	endothelial	<i>PLCE1</i>	0.002825281	0.002932648	0.147273153	1
Obesity	endothelial	<i>PLEKHM1</i>	-0.004990635	0.00630131	0.224146589	1
Obesity	endothelial	<i>PLIN2</i>	0.002717324	0.033824061	0.504690444	1
Obesity	endothelial	<i>PM20D1</i>	-0.009892754	0.00612963	0.221452073	1
Obesity	endothelial	<i>POC5</i>	-0.003403156	0.038542567	0.529637895	1
Obesity	endothelial	<i>POGLUT1</i>	0.007859668	0.002304248	0.133691101	1
Obesity	endothelial	<i>POLM</i>	-0.008738709	0.027656115	0.459091509	1
Obesity	endothelial	<i>POLR2I</i>	0.012553682	0.049839779	0.572774077	1
Obesity	endothelial	<i>POR</i>	0.002434271	0.03060833	0.482626331	1
Obesity	endothelial	<i>PPIE</i>	-0.0055563	0.009895295	0.301705532	1
Obesity	endothelial	<i>PPIL2</i>	-0.005097277	0.001724327	0.118443434	1
Obesity	endothelial	<i>PPM1G</i>	0.004069588	0.043010228	0.545088389	1
Obesity	endothelial	<i>PPP1R14A</i>	0.005749539	0.039372011	0.529637895	1
Obesity	endothelial	<i>PPP2R5E</i>	0.003322473	0.004828931	0.199018564	1
Obesity	endothelial	<i>PRB2</i>	0.00898534	0.045169493	0.549505174	1
Obesity	endothelial	<i>PRDM5</i>	0.00480722	0.02821915	0.4595031	1
Obesity	endothelial	<i>PRDM8</i>	0.023909185	8.09E-05	0.018603354	0.483687214
Obesity	endothelial	<i>PRH2</i>	-0.020809888	0.022396387	0.437388266	1
Obesity	endothelial	<i>PRIMPOL</i>	0.004169643	0.039349476	0.529637895	1
Obesity	endothelial	<i>PRKAB1</i>	-0.011818227	0.047616288	0.564368547	1
Obesity	endothelial	<i>PRKAR2A</i>	0.003807351	0.000160356	0.030459915	0.95828584
Obesity	endothelial	<i>PROB1</i>	0.037616405	0.042912929	0.545088389	1
Obesity	endothelial	<i>PRTN3</i>	-0.005716042	0.005087702	0.206830666	1
Obesity	endothelial	<i>PSMA4</i>	-0.005852467	0.047947069	0.565738357	1
Obesity	endothelial	<i>PSMB1</i>	-0.005499139	0.003649098	0.16904657	1
Obesity	endothelial	<i>PTBP3</i>	0.002423177	0.005995902	0.221452073	1
Obesity	endothelial	<i>PTGER3</i>	-0.001420466	0.032328635	0.495862153	1
Obesity	endothelial	<i>PWP2</i>	-0.045632597	0.011802775	0.328062258	1
Obesity	endothelial	<i>PYCR2</i>	0.010132239	0.026301725	0.452978523	1
Obesity	endothelial	<i>QRICH1</i>	0.003803641	0.000458372	0.057067262	1
Obesity	endothelial	<i>QRSL1</i>	-0.005751508	0.024253732	0.449098389	1
Obesity	endothelial	<i>RAB2A</i>	0.003761093	0.005286905	0.209674348	1
Obesity	endothelial	<i>RABL3</i>	0.006217065	0.001013043	0.084082594	1
Obesity	endothelial	<i>RACGAP1</i>	0.030444072	3.33E-05	0.01106332	0.199139769
Obesity	endothelial	<i>RAD51C</i>	-0.004817333	0.038076855	0.525513358	1
Obesity	endothelial	<i>RARRES2</i>	0.002155962	0.024208957	0.449098389	1
Obesity	endothelial	<i>RASAL2-AS1</i>	0.027093737	0.024086708	0.449098389	1
Obesity	endothelial	<i>RASGEF1A</i>	-0.017589882	0.005885689	0.22121305	1
Obesity	endothelial	<i>RASGRP3</i>	0.001631281	0.03163679	0.493279867	1
Obesity	endothelial	<i>RBAK</i>	0.017652263	0.009702111	0.299266408	1
Obesity	endothelial	<i>RBCK1</i>	-0.00809651	0.006154865	0.221452073	1
Obesity	endothelial	<i>RBFA</i>	0.008944397	0.001127665	0.089852383	1
Obesity	endothelial	<i>RCAN1</i>	0.006707201	0.036297961	0.521434167	1
Obesity	endothelial	<i>RCN1</i>	-0.004654807	0.042724543	0.545088389	1
Obesity	endothelial	<i>REPIN1</i>	0.011076266	0.000859117	0.078985888	1
Obesity	endothelial	<i>RFC3</i>	-0.007611377	0.00027575	0.04405625	1
Obesity	endothelial	<i>RHCE</i>	-0.015146363	0.022527581	0.438246193	1
Obesity	endothelial	<i>RIFI</i>	0.003740563	0.019429344	0.417113151	1

Obesity	endothelial	<i>RMII</i>	0.00916998	0.038868356	0.529637895	1
Obesity	endothelial	<i>RNF14</i>	-0.009744497	1.17E-07	0.000219128	0.000700536
Obesity	endothelial	<i>RNF17</i>	-0.063414982	0.027252405	0.456156365	1
Obesity	endothelial	<i>RPSA</i>	0.005181692	0.043014503	0.545088389	1
Obesity	endothelial	<i>RRN3</i>	0.011887012	0.004386821	0.190504565	1
Obesity	endothelial	<i>RSPH1</i>	-0.051381863	0.043039614	0.545088389	1
Obesity	endothelial	<i>RTEL1</i>	0.051562999	0.000388557	0.051600425	1
Obesity	endothelial	<i>RUFY1</i>	0.00256131	0.042772594	0.545088389	1
Obesity	endothelial	<i>SI00A3</i>	0.067254103	0.049719224	0.572489564	1
Obesity	endothelial	<i>SAMD12</i>	0.00297619	0.025071725	0.449098389	1
Obesity	endothelial	<i>SAMD14</i>	-0.022504771	0.002148544	0.130039972	1
Obesity	endothelial	<i>SAP130</i>	0.005712651	0.034857308	0.508558537	1
Obesity	endothelial	<i>SC5D</i>	0.007061684	0.007880817	0.263104811	1
Obesity	endothelial	<i>SCAMP1</i>	-0.003727811	0.002399389	0.134028015	1
Obesity	endothelial	<i>SDCCAG8</i>	-0.0020629	0.002107975	0.130039972	1
Obesity	endothelial	<i>SDHA</i>	0.003591277	0.016586211	0.393330157	1
Obesity	endothelial	<i>SEMA4A</i>	-0.008689708	0.001074735	0.087981047	1
Obesity	endothelial	<i>SENP3</i>	-0.015792556	0.02524566	0.449098389	1
Obesity	endothelial	<i>Sep-05</i>	-0.060481367	0.000384692	0.051600425	1
Obesity	endothelial	<i>SERGEF</i>	0.003300697	0.022183428	0.437388266	1
Obesity	endothelial	<i>SERPINC1</i>	0.038723451	0.016206181	0.390516691	1
Obesity	endothelial	<i>SGCE</i>	0.004749653	0.025013639	0.449098389	1
Obesity	endothelial	<i>SH3GLB2</i>	0.013218434	0.023802893	0.449098389	1
Obesity	endothelial	<i>SHB</i>	0.027414415	0.0439003	0.549505174	1
Obesity	endothelial	<i>SIPAIL3</i>	0.001804421	0.021893922	0.437388266	1
Obesity	endothelial	<i>SLC17A5</i>	0.006722427	0.010062418	0.305243703	1
Obesity	endothelial	<i>SLC22A23</i>	0.002334849	0.031728991	0.493279867	1
Obesity	endothelial	<i>SLC22A5</i>	0.01120654	0.001752675	0.119022535	1
Obesity	endothelial	<i>SLC25A17</i>	0.015242202	7.08E-05	0.018407605	0.423374908
Obesity	endothelial	<i>SLC25A29</i>	0.006504837	0.045707279	0.552928543	1
Obesity	endothelial	<i>SLC25A3</i>	-0.006534234	0.013493448	0.35367038	1
Obesity	endothelial	<i>SLC25A38</i>	0.009507897	0.017628402	0.402089052	1
Obesity	endothelial	<i>SLC26A4</i>	-0.009740649	0.021889631	0.437388266	1
Obesity	endothelial	<i>SLC29A3</i>	-0.015247385	0.00451523	0.191368913	1
Obesity	endothelial	<i>SLC38A10</i>	0.003814084	0.004202781	0.19027137	1
Obesity	endothelial	<i>SLC39A12</i>	0.038512155	5.53E-06	0.003004518	0.033049696
Obesity	endothelial	<i>SLC39A13</i>	0.011432742	0.034745975	0.508558537	1
Obesity	endothelial	<i>SLC5A11</i>	-0.016522711	0.000352898	0.051437051	1
Obesity	endothelial	<i>SLC7A9</i>	0.02455284	0.03708671	0.525107718	1
Obesity	endothelial	<i>SLCO3A1</i>	-0.000989228	0.023543482	0.449098389	1
Obesity	endothelial	<i>SMAD2</i>	-0.004153825	0.00940066	0.297239912	1
Obesity	endothelial	<i>SMG9</i>	0.006056132	0.028209658	0.4595031	1
Obesity	endothelial	<i>SMIM19</i>	0.005001721	0.00333376	0.159380411	1
Obesity	endothelial	<i>SOWAHC</i>	0.016100469	0.037585575	0.525107718	1
Obesity	endothelial	<i>SP7</i>	-0.06792148	0.032952572	0.501080332	1
Obesity	endothelial	<i>SPATA9</i>	0.004716414	0.025508561	0.449098389	1
Obesity	endothelial	<i>SPG21</i>	-0.005868235	0.007041132	0.241826464	1
Obesity	endothelial	<i>SPTBN5</i>	0.033670023	0.003545607	0.166838976	1
Obesity	endothelial	<i>SPTY2D1</i>	-0.009756675	0.000380298	0.051600425	1
Obesity	endothelial	<i>SRSF10</i>	0.002611966	0.004713833	0.196514248	1
Obesity	endothelial	<i>STAM2</i>	0.003621556	0.000953134	0.082549728	1
Obesity	endothelial	<i>STON1</i>	-0.011379291	0.017186054	0.397345911	1

Obesity	endothelial	<i>STRADA</i>	0.009645243	0.008228966	0.270199458	1
Obesity	endothelial	<i>STRN3</i>	0.003169319	0.027862076	0.4595031	1
Obesity	endothelial	<i>STX18</i>	0.005573708	0.002449564	0.134028015	1
Obesity	endothelial	<i>SURF6</i>	-0.007751525	0.000447543	0.056904673	1
Obesity	endothelial	<i>SVEP1</i>	0.003129568	0.000776207	0.072478344	1
Obesity	endothelial	<i>SWAP70</i>	-0.002133176	0.007155194	0.244339659	1
Obesity	endothelial	<i>SYDE1</i>	0.019763423	0.01339281	0.35367038	1
Obesity	endothelial	<i>TADA2A</i>	0.003355281	0.025489983	0.449098389	1
Obesity	endothelial	<i>TAF6</i>	0.013311316	0.012877428	0.346646428	1
Obesity	endothelial	<i>TAPBPL</i>	-0.006988914	0.013744678	0.354144569	1
Obesity	endothelial	<i>TAS2R31</i>	-0.033294746	0.024593216	0.449098389	1
Obesity	endothelial	<i>TBKBP1</i>	0.010577357	0.005721326	0.218546539	1
Obesity	endothelial	<i>TBL2</i>	0.009072663	0.026427716	0.452978523	1
Obesity	endothelial	<i>TCF21</i>	0.058723222	0.004735283	0.196514248	1
Obesity	endothelial	<i>TCHH</i>	0.033992518	0.015917864	0.389857204	1
Obesity	endothelial	<i>TEKT5</i>	-0.045511756	0.011078535	0.319060925	1
Obesity	endothelial	<i>THAP3</i>	-0.00632443	0.019710027	0.417684818	1
Obesity	endothelial	<i>TIGD1</i>	0.017888321	5.29E-06	0.003004518	0.031610005
Obesity	endothelial	<i>TMCI</i>	0.008927661	0.041033771	0.538940259	1
Obesity	endothelial	<i>TMCO6</i>	-0.008536628	0.039514745	0.529637895	1
Obesity	endothelial	<i>TMEM177</i>	-0.009755376	0.030587803	0.482626331	1
Obesity	endothelial	<i>TMEM18</i>	-0.012664546	0.024625488	0.449098389	1
Obesity	endothelial	<i>TMEM183A</i>	-0.007472421	0.047524208	0.564368547	1
Obesity	endothelial	<i>TMEM206</i>	0.013197151	3.83E-07	0.000457729	0.002288644
Obesity	endothelial	<i>TMEM223</i>	-0.009756048	0.029940269	0.474596949	1
Obesity	endothelial	<i>TMEM260</i>	0.00203537	0.045064912	0.549505174	1
Obesity	endothelial	<i>TONSL</i>	0.014976318	0.017561137	0.402089052	1
Obesity	endothelial	<i>TOR1B</i>	0.032244029	3.28E-06	0.002176247	0.019586226
Obesity	endothelial	<i>TOR3A</i>	-0.009025099	0.002617359	0.138327858	1
Obesity	endothelial	<i>TPSG1</i>	0.005325378	0.019528492	0.417113151	1
Obesity	endothelial	<i>TRAPPC5</i>	0.02763978	0.000751202	0.072478344	1
Obesity	endothelial	<i>TRIM16L</i>	0.016146729	0.021582214	0.437388266	1
Obesity	endothelial	<i>TRMT44</i>	-0.010139663	0.000723568	0.072478344	1
Obesity	endothelial	<i>TRUB1</i>	-0.01587319	1.72E-06	0.001386899	0.010293391
Obesity	endothelial	<i>TTC32</i>	-0.01094859	0.025278269	0.449098389	1
Obesity	endothelial	<i>TTC4</i>	0.015274622	0.037519924	0.525107718	1
Obesity	endothelial	<i>TTL1</i>	-0.007664834	0.043779219	0.549505174	1
Obesity	endothelial	<i>TTL12</i>	0.009945196	0.022352837	0.437388266	1
Obesity	endothelial	<i>TUBB8</i>	0.016044344	0.044889936	0.549505174	1
Obesity	endothelial	<i>TULP4</i>	-0.00595992	0.010524792	0.312168274	1
Obesity	endothelial	<i>TUSC1</i>	0.016811522	0.002638784	0.138327858	1
Obesity	endothelial	<i>TVP23B</i>	0.010403239	0.009155478	0.292242676	1
Obesity	endothelial	<i>TXN2</i>	0.010166636	0.00161939	0.115208004	1
Obesity	endothelial	<i>UBE2Q2</i>	0.006899281	0.000681568	0.072478344	1
Obesity	endothelial	<i>UBE3B</i>	-0.003607665	0.033655833	0.504690444	1
Obesity	endothelial	<i>USP37</i>	0.003402748	0.012807712	0.346329798	1
Obesity	endothelial	<i>USP6</i>	-0.024380655	0.014651726	0.374182545	1
Obesity	endothelial	<i>VAMP1</i>	0.013411233	0.009715141	0.299266408	1
Obesity	endothelial	<i>VAMP8</i>	0.010406735	0.008120708	0.269607513	1
Obesity	endothelial	<i>VAX2</i>	0.012702961	0.046881314	0.562575772	1
Obesity	endothelial	<i>VCAMI</i>	-0.005981469	0.037477053	0.525107718	1
Obesity	endothelial	<i>VIP</i>	0.022618321	0.002467048	0.134028015	1

Obesity	endothelial	<i>VNN1</i>	0.009855843	0.031642173	0.493279867	1
Obesity	endothelial	<i>VSIG10</i>	0.007858437	0.004022444	0.183497159	1
Obesity	endothelial	<i>WASF3</i>	0.003182425	0.049268122	0.570697896	1
Obesity	endothelial	<i>WDR24</i>	0.009172889	0.04905802	0.570697896	1
Obesity	endothelial	<i>WDR5B</i>	-0.013779618	0.020056702	0.421465725	1
Obesity	endothelial	<i>WNT9A</i>	0.007507955	0.031779242	0.493279867	1
Obesity	endothelial	<i>WRB</i>	0.00565075	0.005844517	0.221055903	1
Obesity	endothelial	<i>ZC3H12C</i>	-0.003687998	0.009650384	0.299266408	1
Obesity	endothelial	<i>ZFP28</i>	0.012645708	0.000185761	0.032650176	1
Obesity	endothelial	<i>ZKSCAN1</i>	0.003296106	0.047513518	0.564368547	1
Obesity	endothelial	<i>ZNF10</i>	-0.009967942	0.021989411	0.437388266	1
Obesity	endothelial	<i>ZNF114</i>	0.023856802	0.033893184	0.504690444	1
Obesity	endothelial	<i>ZNF14</i>	-0.007291104	0.016851442	0.39640253	1
Obesity	endothelial	<i>ZNF142</i>	-0.012725195	0.042347431	0.545088389	1
Obesity	endothelial	<i>ZNF165</i>	0.030102254	0.028564584	0.46135663	1
Obesity	endothelial	<i>ZNF232</i>	-0.02157264	0.036693065	0.523654143	1
Obesity	endothelial	<i>ZNF239</i>	-0.031532333	0.006471172	0.228826754	1
Obesity	endothelial	<i>ZNF253</i>	-0.008404941	0.000886091	0.080231531	1
Obesity	endothelial	<i>ZNF3</i>	0.00633979	0.040998392	0.538940259	1
Obesity	endothelial	<i>ZNF320</i>	-0.013229928	0.020278271	0.421465725	1
Obesity	endothelial	<i>ZNF391</i>	-0.015013759	0.044424357	0.549505174	1
Obesity	endothelial	<i>ZNF417</i>	0.012045322	0.032360482	0.495862153	1
Obesity	endothelial	<i>ZNF443</i>	0.042870844	0.012064335	0.330200519	1
Obesity	endothelial	<i>ZNF470</i>	0.020507066	0.037724762	0.525107718	1
Obesity	endothelial	<i>ZNF483</i>	-0.007615498	0.032112101	0.495862153	1
Obesity	endothelial	<i>ZNF496</i>	-0.011027223	0.000363375	0.051600425	1
Obesity	endothelial	<i>ZNF566</i>	0.009832323	1.28E-07	0.000219128	0.000765663
Obesity	endothelial	<i>ZNF569</i>	0.007653494	0.026357778	0.452978523	1
Obesity	endothelial	<i>ZNF573</i>	0.004738034	0.002849493	0.146113165	1
Obesity	endothelial	<i>ZNF575</i>	0.026384246	0.001523422	0.10968641	1
Obesity	endothelial	<i>ZNF585A</i>	-0.011684427	0.044728559	0.549505174	1
Obesity	endothelial	<i>ZNF589</i>	-0.004049547	0.024739207	0.449098389	1
Obesity	endothelial	<i>ZNF613</i>	0.013933361	0.013017406	0.348843123	1
Obesity	endothelial	<i>ZNF706</i>	0.007063404	0.017146946	0.397345911	1
Obesity	endothelial	<i>ZNF738</i>	-0.007116095	0.016140715	0.390513812	1
Obesity	endothelial	<i>ZNF781</i>	0.024964315	0.002243899	0.132617077	1
Obesity	endothelial	<i>ZNF841</i>	0.007958369	0.00688868	0.237958087	1
Obesity	endothelial	<i>ZNF93</i>	0.00877943	0.006050965	0.221452073	1
Obesity	endothelial	<i>ZSCAN21</i>	0.008259026	0.014921966	0.374897792	1
Obesity	endothelial	<i>CWH43</i>	0.042608818	0.018685372	0.412043482	1
Obesity	endothelial	<i>CYP2C9</i>	0.029888326	0.005741601	0.218546539	1
Obesity	endothelial	<i>HES5</i>	0.017180197	0.006817963	0.237958087	1
Obesity	endothelial	<i>LINC01050</i>	-0.044157627	1.66E-05	0.006491345	0.09905387
Obesity	endothelial	<i>TP53TG3D</i>	-0.087885154	0.000273435	0.04405625	1
Obesity	endothelial	<i>ZFP57</i>	-0.00528391	0.041229811	0.539342264	1
Obesity	endothelial	<i>SI00A12</i>	-0.066410494	0.006188503	0.221452073	1
Obesity	endothelial	<i>SP6</i>	-0.014473963	0.032339232	0.495862153	1
Obesity	endothelial	<i>BIRC7</i>	-0.029162921	0.019904928	0.420324567	1
Obesity	endothelial	<i>CYP7A1</i>	0.179847145	1.47E-07	0.000219128	0.000876513
Obesity	endothelial	<i>KLHDC7A</i>	0.067857604	0.033104548	0.502113658	1
Obesity	endothelial	<i>TM6SF2</i>	0.069996529	0.025551537	0.449098389	1
Obesity	endothelial	<i>FOXI2</i>	-0.088480211	5.51E-07	0.000548412	0.003290475

Obesity	endothelial	<i>GJB6</i>	0.067992098	0.018828578	0.413674938	1
Obesity	endothelial	<i>LINC01123</i>	0.019713511	0.0012504	0.097044056	1
Obesity	endothelial	<i>CHIA</i>	0.009928754	0.00071758	0.072478344	1
Obesity	endothelial	<i>PDE6H</i>	0.007212666	0.049277128	0.570697896	1
Obesity	LEC	<i>ABHD15</i>	-0.014304249	0.000239516	0.046172563	1
Obesity	LEC	<i>AC009495.3</i>	0.017460725	0.016435496	0.377763564	1
Obesity	LEC	<i>AC093668.2</i>	0.020417918	0.007193059	0.232602253	1
Obesity	LEC	<i>AC108463.2</i>	0.017684656	0.029784213	0.52043993	1
Obesity	LEC	<i>AC144652.1</i>	0.021241387	0.005392176	0.198083216	1
Obesity	LEC	<i>ACADVL</i>	-0.004032692	0.002948989	0.149885927	1
Obesity	LEC	<i>ACER3</i>	0.00150381	0.020428773	0.431386392	1
Obesity	LEC	<i>ACOX2</i>	-0.006947043	0.030388799	0.5210069	1
Obesity	LEC	<i>ACVR2A</i>	0.003290324	0.000942738	0.09122714	1
Obesity	LEC	<i>ADD2</i>	-0.01020965	0.009003274	0.262456406	1
Obesity	LEC	<i>ADSS</i>	0.004766249	0.025652459	0.491343246	1
Obesity	LEC	<i>AGER</i>	-0.019286473	0.000270405	0.048967838	1
Obesity	LEC	<i>AGRN</i>	-0.014612229	0.048011957	0.625096852	1
Obesity	LEC	<i>AHCYL2</i>	0.002318038	0.032250389	0.531454116	1
Obesity	LEC	<i>AHI1</i>	0.001669317	0.011114085	0.299938051	1
Obesity	LEC	<i>AHNAK2</i>	0.005653547	0.040585322	0.58023418	1
Obesity	LEC	<i>AKAP10</i>	0.00231018	0.010046424	0.277951076	1
Obesity	LEC	<i>AKRIC3</i>	0.005627775	0.035833588	0.547676525	1
Obesity	LEC	<i>AL132989.1</i>	-0.020370915	0.014774895	0.354597471	1
Obesity	LEC	<i>ALDOB</i>	0.026107945	0.001794744	0.125860726	1
Obesity	LEC	<i>AMT</i>	0.01763171	0.000602019	0.076546129	1
Obesity	LEC	<i>ANGEL2</i>	0.005199336	3.08E-05	0.011512458	0.184199322
Obesity	LEC	<i>ANKLE2</i>	0.005282577	0.00488573	0.187041358	1
Obesity	LEC	<i>ANKRD36B</i>	0.003292885	0.026207793	0.494311769	1
Obesity	LEC	<i>ANKRD45</i>	0.026698161	0.024486275	0.475097341	1
Obesity	LEC	<i>AP000350.6</i>	0.028211224	0.043757565	0.600487386	1
Obesity	LEC	<i>APIAR</i>	-0.005072865	0.02232641	0.456926793	1
Obesity	LEC	<i>APAF1</i>	0.004665435	0.000282492	0.049083762	1
Obesity	LEC	<i>APEH</i>	0.010858524	0.005177994	0.193398058	1
Obesity	LEC	<i>ARHGEF10</i>	0.006423415	0.047068285	0.619134796	1
Obesity	LEC	<i>ASIC3</i>	0.075582082	0.008858031	0.261309879	1
Obesity	LEC	<i>ATP10B</i>	0.01443693	0.021465512	0.442680206	1
Obesity	LEC	<i>ATP10D</i>	0.003944473	0.011004597	0.299938051	1
Obesity	LEC	<i>ATP5G3</i>	-0.006193189	0.003267993	0.155265869	1
Obesity	LEC	<i>ATP9A</i>	0.004291053	0.000878478	0.089961419	1
Obesity	LEC	<i>ATRAID</i>	-0.005711112	0.045767844	0.614626141	1
Obesity	LEC	<i>ATXN3</i>	0.00175631	0.031681149	0.530326467	1
Obesity	LEC	<i>B3GALT2</i>	0.014318378	0.021482139	0.442680206	1
Obesity	LEC	<i>B4GALT1</i>	0.00403814	0.003009013	0.149885927	1
Obesity	LEC	<i>BABAM1</i>	0.019311458	7.74E-05	0.023124428	0.462488556
Obesity	LEC	<i>BAIAP2L1</i>	-0.006567129	0.02664801	0.498177782	1
Obesity	LEC	<i>BCL9</i>	0.004738273	0.012709692	0.325634629	1
Obesity	LEC	<i>BCR</i>	0.00458004	0.000532497	0.070913627	1
Obesity	LEC	<i>BECN1</i>	-0.006614049	0.002390236	0.137895993	1
Obesity	LEC	<i>BHMT2</i>	0.005868996	0.03033861	0.5210069	1
Obesity	LEC	<i>BTBD16</i>	-0.024340783	0.012942993	0.327914482	1
Obesity	LEC	<i>BVES</i>	-0.026514714	0.019474295	0.417939987	1
Obesity	LEC	<i>C10orf25</i>	-0.081874795	2.85E-05	0.011512458	0.170402925

Obesity	LEC	<i>C12orf73</i>	0.008900418	0.010175678	0.27894427	1
Obesity	LEC	<i>C17orf107</i>	-0.064711477	0.015332029	0.36215102	1
Obesity	LEC	<i>C1QBP</i>	0.010713964	0.04536257	0.611933895	1
Obesity	LEC	<i>C1orf115</i>	-0.020541828	0.00224556	0.134194645	1
Obesity	LEC	<i>C2orf73</i>	0.012488519	0.027313799	0.500844588	1
Obesity	LEC	<i>C4orf26</i>	0.053797694	0.028732081	0.512307995	1
Obesity	LEC	<i>C4orf33</i>	-0.010899526	0.017588127	0.393657863	1
Obesity	LEC	<i>C4orf45</i>	0.008092905	0.009828703	0.274946772	1
Obesity	LEC	<i>C5orf34</i>	-0.009852733	0.008549845	0.258049859	1
Obesity	LEC	<i>CALML4</i>	-0.037455241	0.048435258	0.626513203	1
Obesity	LEC	<i>CAMK2A</i>	-0.022053485	0.01851217	0.407098789	1
Obesity	LEC	<i>CANX</i>	0.004076327	0.039152464	0.576293406	1
Obesity	LEC	<i>CARD14</i>	0.005556585	0.012750754	0.325634629	1
Obesity	LEC	<i>CASCI</i>	0.014607659	0.000681282	0.079830183	1
Obesity	LEC	<i>CASP9</i>	0.010960106	0.019477941	0.417939987	1
Obesity	LEC	<i>CBX8</i>	0.047053445	0.022730422	0.457363648	1
Obesity	LEC	<i>CCBE1</i>	0.011510934	0.004006053	0.169247773	1
Obesity	LEC	<i>CCDC117</i>	0.012796993	0.002139885	0.134194645	1
Obesity	LEC	<i>CCDC127</i>	-0.011251002	0.006889828	0.230020192	1
Obesity	LEC	<i>CD27</i>	-0.011809004	0.000118877	0.029181599	0.710407123
Obesity	LEC	<i>CD5</i>	0.00539924	0.04434249	0.603623508	1
Obesity	LEC	<i>CDC16</i>	0.005184954	0.00031616	0.049704836	1
Obesity	LEC	<i>CDC42EP1</i>	-0.021325298	0.004216819	0.172600736	1
Obesity	LEC	<i>CEP57</i>	0.003679176	0.001825716	0.125860726	1
Obesity	LEC	<i>CERKL</i>	-0.024141785	0.004009834	0.169247773	1
Obesity	LEC	<i>CFL2</i>	0.012010156	0.000292662	0.049083762	1
Obesity	LEC	<i>CHCHD2</i>	-0.003098417	0.030601309	0.5210069	1
Obesity	LEC	<i>CHURC1</i>	-0.004215207	0.002225858	0.134194645	1
Obesity	LEC	<i>CITED4</i>	0.025790474	0.004747219	0.184216774	1
Obesity	LEC	<i>CLCN6</i>	0.006806161	0.02457306	0.4752382	1
Obesity	LEC	<i>CLCNKA</i>	0.056698559	0.002211396	0.134194645	1
Obesity	LEC	<i>CLDN7</i>	-0.012247734	0.013174	0.329405126	1
Obesity	LEC	<i>CLEC4G</i>	-0.046088774	0.00407826	0.169247773	1
Obesity	LEC	<i>CLIC3</i>	-0.010083233	0.04459237	0.605645459	1
Obesity	LEC	<i>CLUAP1</i>	0.00928998	0.001095994	0.100764028	1
Obesity	LEC	<i>CNGA4</i>	0.029597638	0.003570961	0.159254203	1
Obesity	LEC	<i>CNTN6</i>	0.019465938	0.000679566	0.079830183	1
Obesity	LEC	<i>COL8A1</i>	0.005673044	0.000295685	0.049083762	1
Obesity	LEC	<i>COLQ</i>	0.006163439	0.041058409	0.580778661	1
Obesity	LEC	<i>CPOX</i>	0.008837889	0.001861965	0.126444375	1
Obesity	LEC	<i>CPT1C</i>	0.020632108	0.011370986	0.302013392	1
Obesity	LEC	<i>CRELD2</i>	-0.009026733	0.020308603	0.430369538	1
Obesity	LEC	<i>CRYBB2</i>	0.052882019	0.040313376	0.579117149	1
Obesity	LEC	<i>CSE1L</i>	0.003413438	0.049643519	0.629871916	1
Obesity	LEC	<i>CTBS</i>	0.004785292	0.004578456	0.180005622	1
Obesity	LEC	<i>CYP26B1</i>	0.009856935	0.020121927	0.427931092	1
Obesity	LEC	<i>CYP2C8</i>	0.133647263	1.05E-05	0.007369687	0.062628493
Obesity	LEC	<i>DAAMI</i>	-0.001923106	0.033211677	0.538444609	1
Obesity	LEC	<i>DAD1</i>	-0.00451524	0.046485313	0.615956168	1
Obesity	LEC	<i>DCHS1</i>	-0.007912512	0.013146931	0.329405126	1
Obesity	LEC	<i>DCLK3</i>	0.034948546	0.007181099	0.232602253	1
Obesity	LEC	<i>DCLRE1A</i>	-0.031029243	3.44E-05	0.012108975	0.205852581

Obesity	LEC	<i>DCT</i>	0.022094503	0.000926756	0.09122714		1
Obesity	LEC	<i>DDX50</i>	0.003974368	0.006780519	0.228561204		1
Obesity	LEC	<i>DENND6B</i>	0.014018669	0.003069318	0.151226301		1
Obesity	LEC	<i>DHRS12</i>	-0.007424885	0.02679284	0.498177782		1
Obesity	LEC	<i>DHX57</i>	-0.006266575	0.003087284	0.151226301		1
Obesity	LEC	<i>DISP2</i>	-0.025882746	0.032186744	0.531454116		1
Obesity	LEC	<i>DMGDH</i>	0.004735527	0.04856107	0.626783919		1
Obesity	LEC	<i>DNAJB12</i>	0.00932053	0.001702271	0.124058215		1
Obesity	LEC	<i>DNAJC13</i>	0.00390176	0.000505472	0.07054909		1
Obesity	LEC	<i>DNAJC17</i>	-0.003677134	0.011082386	0.299938051		1
Obesity	LEC	<i>DNAJC21</i>	-0.008212403	0.003704862	0.162796001		1
Obesity	LEC	<i>DPP9</i>	0.006050831	0.029143794	0.515276081		1
Obesity	LEC	<i>DPYSL4</i>	-0.014051145	7.56E-05	0.023124428	0.451599208	
Obesity	LEC	<i>DSG2</i>	0.009533299	0.000122078	0.029181599	0.729539986	
Obesity	LEC	<i>DSTYK</i>	-0.003149713	0.033553732	0.5387648		1
Obesity	LEC	<i>DTD1</i>	0.005154448	0.049444488	0.629871916		1
Obesity	LEC	<i>DTX4</i>	0.016259039	0.000324379	0.049704836		1
Obesity	LEC	<i>DZIP1</i>	-0.006128778	0.004569618	0.180005622		1
Obesity	LEC	<i>EFCAB1</i>	0.080890376	0.023982229	0.469952717		1
Obesity	LEC	<i>EIF2AK1</i>	0.003387549	0.022700667	0.457363648		1
Obesity	LEC	<i>EIF3C</i>	0.052692343	0.011277885	0.300877859		1
Obesity	LEC	<i>EIF3CL</i>	0.033865207	0.031673496	0.530326467		1
Obesity	LEC	<i>EIF3F</i>	-0.004359424	0.012233767	0.316489148		1
Obesity	LEC	<i>EIF5A</i>	0.013116527	0.027649502	0.502229261		1
Obesity	LEC	<i>EPHB6</i>	0.014870708	0.005692425	0.203700202		1
Obesity	LEC	<i>ERAP2</i>	0.002941149	0.049642397	0.629871916		1
Obesity	LEC	<i>EXO5</i>	-0.025398243	0.001987063	0.129443454		1
Obesity	LEC	<i>FAM111A</i>	0.005609835	7.08E-05	0.023124428	0.423113873	
Obesity	LEC	<i>FAM114A1</i>	0.00559114	0.002179362	0.134194645		1
Obesity	LEC	<i>FAM126B</i>	-0.002638472	0.003382375	0.155265869		1
Obesity	LEC	<i>FAM135B</i>	0.028573573	0.005734941	0.204000059		1
Obesity	LEC	<i>FAM160A2</i>	0.00945187	0.000861385	0.089961419		1
Obesity	LEC	<i>FAM171B</i>	0.014154619	0.038178742	0.571491314		1
Obesity	LEC	<i>FAM20B</i>	-0.004987387	0.034020715	0.5387648		1
Obesity	LEC	<i>FAM72B</i>	0.024804764	0.008786454	0.261309879		1
Obesity	LEC	<i>FANCD2</i>	0.007936511	0.028119965	0.506159375		1
Obesity	LEC	<i>FBF1</i>	0.008596289	0.021475168	0.442680206		1
Obesity	LEC	<i>FBXO36</i>	-0.01018558	0.016681535	0.379794309		1
Obesity	LEC	<i>FDX1</i>	0.011930517	3.35E-06	0.005996178	0.020002241	
Obesity	LEC	<i>FES</i>	0.007086313	0.012949769	0.327914482		1
Obesity	LEC	<i>FGFBP3</i>	0.019898998	0.001356512	0.107990025		1
Obesity	LEC	<i>FGFR4</i>	-0.100752803	0.034357534	0.5387648		1
Obesity	LEC	<i>FLRT2</i>	0.001412803	0.049302228	0.629871916		1
Obesity	LEC	<i>FLT3</i>	0.006151554	0.000170445	0.038251955		1
Obesity	LEC	<i>FLYWCH1</i>	0.006726152	0.002719621	0.145111217		1
Obesity	LEC	<i>FOXO6</i>	0.015806452	0.002360159	0.137895993		1
Obesity	LEC	<i>G3BP2</i>	0.003240126	0.038443693	0.571491314		1
Obesity	LEC	<i>G6PC3</i>	0.014556071	0.047547431	0.621758086		1
Obesity	LEC	<i>GALK1</i>	0.015399024	0.001273909	0.106268701		1
Obesity	LEC	<i>GALNT3</i>	0.00634894	0.019218395	0.417939987		1
Obesity	LEC	<i>GALR1</i>	0.016889638	0.037570277	0.566969638		1
Obesity	LEC	<i>GAS2L2</i>	-0.069737782	0.003670563	0.162483588		1

Obesity	LEC	<i>GBP7</i>	-0.055940366	0.000828508	0.089961419	1
Obesity	LEC	<i>GGCX</i>	0.005559828	0.016823522	0.38082337	1
Obesity	LEC	<i>GGH</i>	0.019327661	0.00542213	0.198083216	1
Obesity	LEC	<i>GID8</i>	0.004698477	0.023339052	0.466468811	1
Obesity	LEC	<i>GLI4</i>	-0.009963092	0.020996113	0.438715992	1
Obesity	LEC	<i>GLO1</i>	0.004992166	0.040786442	0.580332799	1
Obesity	LEC	<i>GLS</i>	0.002836533	4.01E-06	0.005996178	0.023984712
Obesity	LEC	<i>GMFB</i>	0.007377177	0.005512746	0.198853088	1
Obesity	LEC	<i>GMPPB</i>	-0.018719706	0.000206488	0.041132476	1
Obesity	LEC	<i>GMPS</i>	0.003674111	0.017556107	0.393657863	1
Obesity	LEC	<i>GNPTG</i>	0.010730936	0.004061101	0.169247773	1
Obesity	LEC	<i>GOLGA3</i>	0.005880335	0.024063844	0.469952717	1
Obesity	LEC	<i>GOSR1</i>	0.00313268	0.006702049	0.227840958	1
Obesity	LEC	<i>GPIBA</i>	0.016637637	0.026886583	0.498177782	1
Obesity	LEC	<i>GPAT2</i>	0.028256993	0.039755458	0.579117149	1
Obesity	LEC	<i>GPATCH2L</i>	-0.003073835	0.034439115	0.5387648	1
Obesity	LEC	<i>GPN2</i>	-0.007126088	0.036126258	0.548084553	1
Obesity	LEC	<i>GPRC5C</i>	-0.012215101	0.016714509	0.379794309	1
Obesity	LEC	<i>GRPEL1</i>	-0.006801875	0.008216198	0.251794867	1
Obesity	LEC	<i>GSTCD</i>	0.00434355	0.034994898	0.54234604	1
Obesity	LEC	<i>GULP1</i>	0.002227103	0.046172375	0.615623693	1
Obesity	LEC	<i>HAAO</i>	-0.007407482	0.034302915	0.5387648	1
Obesity	LEC	<i>HCAR1</i>	-0.022761267	0.013751538	0.339583438	1
Obesity	LEC	<i>HCG17</i>	0.003413954	0.042633564	0.593888528	1
Obesity	LEC	<i>HCG20</i>	0.02236568	0.049582317	0.629871916	1
Obesity	LEC	<i>HDAC4</i>	0.00243691	0.002411662	0.137895993	1
Obesity	LEC	<i>HDHD2</i>	-0.014392691	0.024353893	0.474067962	1
Obesity	LEC	<i>HEATR4</i>	-0.011045316	0.002205781	0.134194645	1
Obesity	LEC	<i>HERC1</i>	0.002908703	0.000204281	0.041132476	1
Obesity	LEC	<i>HEXDC</i>	0.004810698	0.003347448	0.155265869	1
Obesity	LEC	<i>HIST3H2A</i>	0.035586162	0.003944673	0.169247773	1
Obesity	LEC	<i>HLA-DQA2</i>	0.006023909	0.043029043	0.598003623	1
Obesity	LEC	<i>HMOX2</i>	0.005257797	0.002446358	0.137919216	1
Obesity	LEC	<i>HOMER2</i>	0.009126407	0.032068577	0.531454116	1
Obesity	LEC	<i>HORMAD1</i>	-0.010187019	0.035448024	0.545972652	1
Obesity	LEC	<i>HOXD9</i>	-0.015101337	0.008004483	0.247748753	1
Obesity	LEC	<i>IGFLR1</i>	-0.030659503	0.009109578	0.264266198	1
Obesity	LEC	<i>IGHMBP2</i>	-0.010314825	0.008528457	0.258049859	1
Obesity	LEC	<i>IK</i>	-0.004467381	0.022497342	0.457363648	1
Obesity	LEC	<i>IL34</i>	0.008576341	0.035031053	0.54234604	1
Obesity	LEC	<i>IMP3</i>	0.007326666	0.033797321	0.5387648	1
Obesity	LEC	<i>INCA1</i>	0.017011811	0.008532321	0.258049859	1
Obesity	LEC	<i>IRGM</i>	-0.021472092	0.045348781	0.611933895	1
Obesity	LEC	<i>ISM2</i>	0.065007998	0.027822537	0.502318672	1
Obesity	LEC	<i>ITGA6</i>	0.001660401	0.0225221	0.457363648	1
Obesity	LEC	<i>JAKMIP3</i>	0.042889959	0.007133266	0.232602253	1
Obesity	LEC	<i>KCNK1</i>	0.010809442	0.025001269	0.48041023	1
Obesity	LEC	<i>KCNN2</i>	0.015620773	0.012008112	0.313364517	1
Obesity	LEC	<i>KCTD2</i>	-0.007029913	0.016433618	0.377763564	1
Obesity	LEC	<i>KHDRBS3</i>	-0.002451457	0.029891948	0.520799645	1
Obesity	LEC	<i>KIAA1211</i>	0.015191729	0.004849681	0.186978654	1
Obesity	LEC	<i>KIAA1211L</i>	-0.016284081	0.001550539	0.118024299	1

Obesity	LEC	<i>KLHL24</i>	-0.00332137	0.019512258	0.417939987		1
Obesity	LEC	<i>KLHL29</i>	-0.002818135	0.008868448	0.261309879		1
Obesity	LEC	<i>KLHL7</i>	-0.00514203	0.028884432	0.512307995		1
Obesity	LEC	<i>KLRK1</i>	0.026165891	0.030527562	0.5210069		1
Obesity	LEC	<i>KPNA6</i>	0.003581824	0.03183614	0.53093872		1
Obesity	LEC	<i>LACTB</i>	0.005284945	0.004326557	0.17588779		1
Obesity	LEC	<i>LCAT</i>	-0.00846792	0.030565886	0.5210069		1
Obesity	LEC	<i>LDHA</i>	-0.006258581	0.003351656	0.155265869		1
Obesity	LEC	<i>LINC00115</i>	-0.021199419	0.012105625	0.314535721		1
Obesity	LEC	<i>LINC00847</i>	0.014774777	0.000698672	0.080293549		1
Obesity	LEC	<i>LINC00910</i>	0.018685384	0.034245775	0.5387648		1
Obesity	LEC	<i>LMAN2L</i>	0.005412518	0.009314419	0.267610433		1
Obesity	LEC	<i>LRRC27</i>	-0.010695836	0.004030034	0.169247773		1
Obesity	LEC	<i>LRRC37A3</i>	-0.013363538	0.002179595	0.134194645		1
Obesity	LEC	<i>LRRC39</i>	0.009739245	0.005436019	0.198083216		1
Obesity	LEC	<i>LRWD1</i>	0.037859862	0.007536623	0.239568384		1
Obesity	LEC	<i>LSAMP</i>	0.006566714	0.003005478	0.149885927		1
Obesity	LEC	<i>LSG1</i>	-0.005489984	8.15E-05	0.023203066	0.487264387	
Obesity	LEC	<i>LURAP1</i>	-0.012546839	0.033131202	0.538444609		1
Obesity	LEC	<i>LYSMD4</i>	0.009295694	0.002638948	0.143113524		1
Obesity	LEC	<i>MAG</i>	-0.071917188	0.030321211	0.5210069		1
Obesity	LEC	<i>MAN2C1</i>	-0.003748323	0.041109333	0.580778661		1
Obesity	LEC	<i>MAP1LC3A</i>	0.0054599	0.026221023	0.494311769		1
Obesity	LEC	<i>MAPK8</i>	0.003642103	0.001373367	0.107990025		1
Obesity	LEC	<i>Mar-02</i>	-0.00478741	0.031019263	0.523647215		1
Obesity	LEC	<i>MASPI</i>	0.020293898	0.004574874	0.180005622		1
Obesity	LEC	<i>MBLAC1</i>	0.070804915	1.65E-07	0.000985885	0.000985885	
Obesity	LEC	<i>MCAT</i>	0.027701231	0.023224608	0.465739111		1
Obesity	LEC	<i>MEAI</i>	0.041045201	0.003316354	0.155265869		1
Obesity	LEC	<i>MED21</i>	-0.00544169	0.001269488	0.106268701		1
Obesity	LEC	<i>MEDAG</i>	0.003285209	0.03788321	0.570252043		1
Obesity	LEC	<i>METAP1</i>	-0.010732092	0.007923327	0.247748753		1
Obesity	LEC	<i>MFN1</i>	-0.003739412	0.043665852	0.600487386		1
Obesity	LEC	<i>MFSD7</i>	-0.007977139	0.030008685	0.5210069		1
Obesity	LEC	<i>MMACHC</i>	0.021151461	0.002973632	0.149885927		1
Obesity	LEC	<i>MPV17L</i>	0.038964974	0.008042714	0.247748753		1
Obesity	LEC	<i>MROH6</i>	-0.026023127	0.027489462	0.500844588		1
Obesity	LEC	<i>MRPL21</i>	0.014525655	0.001930386	0.129443454		1
Obesity	LEC	<i>MRPL34</i>	-0.010387431	0.001311251	0.106268701		1
Obesity	LEC	<i>MRPL47</i>	-0.006364122	0.039257435	0.576418752		1
Obesity	LEC	<i>MSH3</i>	0.003539158	0.013474192	0.335507385		1
Obesity	LEC	<i>MTDH</i>	0.002939492	0.007968082	0.247748753		1
Obesity	LEC	<i>MTHFR</i>	0.006768389	0.000507632	0.07054909		1
Obesity	LEC	<i>MTMR3</i>	-0.002558363	0.015321611	0.36215102		1
Obesity	LEC	<i>MTRF1L</i>	-0.011128066	0.005991286	0.211857555		1
Obesity	LEC	<i>MUC4</i>	-0.014072004	0.026175189	0.494311769		1
Obesity	LEC	<i>MYO15A</i>	-0.016581477	9.45E-05	0.024560561	0.564892901	
Obesity	LEC	<i>NDUFS1</i>	0.002753739	0.038624869	0.572759845		1
Obesity	LEC	<i>NEIL2</i>	0.02945051	1.45E-05	0.007851267	0.086363938	
Obesity	LEC	<i>NF2</i>	0.006276504	0.026360199	0.495372792		1
Obesity	LEC	<i>NHLRC2</i>	0.005751204	0.001049066	0.097956569		1
Obesity	LEC	<i>NKTR</i>	0.001657103	0.009891827	0.274946772		1

Obesity	LEC	<i>NLN</i>	0.006218089	0.002510663	0.14022168	1
Obesity	LEC	<i>NMRAL1</i>	0.007976385	0.00887649	0.261309879	1
Obesity	LEC	<i>NOC2L</i>	-0.006778155	0.03085437	0.522339142	1
Obesity	LEC	<i>NPRL3</i>	-0.006077712	0.04625419	0.615623693	1
Obesity	LEC	<i>NRBP1</i>	0.004103098	0.023515747	0.468433673	1
Obesity	LEC	<i>NT5C3B</i>	0.006665621	0.014549213	0.35343942	1
Obesity	LEC	<i>NT5DC2</i>	-0.02349738	0.038315241	0.571491314	1
Obesity	LEC	<i>NUDT16L1</i>	0.007441617	0.027452333	0.500844588	1
Obesity	LEC	<i>NUPL2</i>	0.006642581	0.001579977	0.118024299	1
Obesity	LEC	<i>NXNL1</i>	0.073824133	0.014698731	0.354191993	1
Obesity	LEC	<i>OCIAD1</i>	-0.003115369	0.002572774	0.142360139	1
Obesity	LEC	<i>ODF2L</i>	0.0022737	0.048189443	0.625608953	1
Obesity	LEC	<i>OR51E1</i>	-0.015307073	0.048942263	0.628987013	1
Obesity	LEC	<i>ORMDL3</i>	0.007828615	0.045121254	0.61143903	1
Obesity	LEC	<i>OTUD3</i>	-0.015843128	0.000537039	0.070913627	1
Obesity	LEC	<i>P4HA3</i>	0.005780998	0.029749669	0.52043993	1
Obesity	LEC	<i>P4HTM</i>	0.007106526	0.039823391	0.579117149	1
Obesity	LEC	<i>PACSIN3</i>	-0.023115407	0.01463577	0.354102688	1
Obesity	LEC	<i>PAPSS1</i>	-0.003811868	0.002270876	0.134363939	1
Obesity	LEC	<i>PARD3</i>	0.001125037	0.01115805	0.299938051	1
Obesity	LEC	<i>PCDHA4</i>	-0.046594281	0.013560637	0.336258774	1
Obesity	LEC	<i>PCSK2</i>	-0.02661339	0.00183231	0.125860726	1
Obesity	LEC	<i>PCSK4</i>	0.018449039	0.001579934	0.118024299	1
Obesity	LEC	<i>PCYOX1L</i>	-0.016514259	1.20E-05	0.007369687	0.071572715
Obesity	LEC	<i>PDE2A</i>	0.00513655	0.030826921	0.522339142	1
Obesity	LEC	<i>PDLIM4</i>	0.014114669	0.039950523	0.579117149	1
Obesity	LEC	<i>PEX10</i>	0.008867761	0.003429567	0.155265869	1
Obesity	LEC	<i>PFN2</i>	0.010838372	0.032543987	0.534293593	1
Obesity	LEC	<i>PHACTR3</i>	0.023850575	0.04392325	0.600487386	1
Obesity	LEC	<i>PII5</i>	0.061661533	0.010155889	0.27894427	1
Obesity	LEC	<i>PILRA</i>	-0.00273938	0.005523697	0.198853088	1
Obesity	LEC	<i>PILRB</i>	-0.009797796	1.10E-05	0.007369687	0.065522549
Obesity	LEC	<i>PIWIL2</i>	0.011033804	0.015076828	0.360396504	1
Obesity	LEC	<i>PJA2</i>	0.00305885	0.034904806	0.54234604	1
Obesity	LEC	<i>PLA1A</i>	-0.03679527	0.041901649	0.589332796	1
Obesity	LEC	<i>PLA2G2D</i>	0.061618517	0.001121879	0.101581015	1
Obesity	LEC	<i>PLA2G4B</i>	-0.055562268	0.003227056	0.155265869	1
Obesity	LEC	<i>PLA2G6</i>	-0.006724762	0.047259021	0.619341908	1
Obesity	LEC	<i>PLD6</i>	-0.024716807	0.038912082	0.57416939	1
Obesity	LEC	<i>PLEKHA3</i>	-0.007713628	0.002658233	0.143113524	1
Obesity	LEC	<i>PLIN2</i>	0.002607867	0.04216817	0.589332796	1
Obesity	LEC	<i>PNLDC1</i>	-0.058403879	0.00976536	0.274946772	1
Obesity	LEC	<i>POLR1A</i>	0.006199595	0.019764976	0.421841061	1
Obesity	LEC	<i>POLR1B</i>	0.008555975	0.044011626	0.600487386	1
Obesity	LEC	<i>POLR2J3</i>	0.008702846	0.047918192	0.625096852	1
Obesity	LEC	<i>POLR3G</i>	0.008172733	0.027303046	0.500844588	1
Obesity	LEC	<i>PP2D1</i>	-0.007884518	0.004177925	0.172188118	1
Obesity	LEC	<i>PPIE</i>	0.005462934	0.011192467	0.299938051	1
Obesity	LEC	<i>PPM1G</i>	0.005050774	0.011993824	0.313364517	1
Obesity	LEC	<i>PRKAR2A</i>	-0.004409131	1.23E-05	0.007369687	0.073696867
Obesity	LEC	<i>PRPF38A</i>	0.009045582	0.001599833	0.11803216	1
Obesity	LEC	<i>PSMB1</i>	-0.005365272	0.004424224	0.178643008	1

Obesity	LEC	<i>PSMB7</i>	-0.004380771	0.015987657	0.371759684	1
Obesity	LEC	<i>PTPN12</i>	0.002951494	0.003768401	0.1643793	1
Obesity	LEC	<i>PUS7L</i>	-0.005400252	0.002749356	0.145399587	1
Obesity	LEC	<i>PXK</i>	-0.005817969	0.000845291	0.089961419	1
Obesity	LEC	<i>PXMP4</i>	0.007952099	0.047139614	0.619134796	1
Obesity	LEC	<i>QRICH1</i>	-0.003910771	0.000310903	0.049704836	1
Obesity	LEC	<i>RAD52</i>	0.00401386	0.002990857	0.149885927	1
Obesity	LEC	<i>RAPGEF6</i>	-0.007672654	0.025749958	0.491634976	1
Obesity	LEC	<i>RASGEF1A</i>	0.018204164	0.004913904	0.187041358	1
Obesity	LEC	<i>RBBP4</i>	-0.00694557	1.21E-05	0.007369687	0.072250936
Obesity	LEC	<i>RBM6</i>	0.001257982	0.037377036	0.565481432	1
Obesity	LEC	<i>RCHY1</i>	0.003044332	0.035719255	0.547676525	1
Obesity	LEC	<i>RELL1</i>	-0.003902046	0.005142831	0.193292836	1
Obesity	LEC	<i>RET</i>	0.01596642	0.046391925	0.615956168	1
Obesity	LEC	<i>REXO1</i>	0.007363029	0.001178298	0.102050863	1
Obesity	LEC	<i>RFFL</i>	-0.008785367	0.034386079	0.5387648	1
Obesity	LEC	<i>RGS17</i>	0.006354352	0.011597434	0.306408038	1
Obesity	LEC	<i>RHBDL1</i>	0.061145791	1.73E-05	0.008635387	0.10362464
Obesity	LEC	<i>RHOJ</i>	0.001690672	0.022313463	0.456926793	1
Obesity	LEC	<i>RHPN1</i>	-0.017049501	0.028890193	0.512307995	1
Obesity	LEC	<i>RMI1</i>	-0.010227723	0.02083158	0.437517373	1
Obesity	LEC	<i>RP1L1</i>	0.021361491	0.046722838	0.617733799	1
Obesity	LEC	<i>RPS16</i>	0.003706529	0.033027142	0.538444609	1
Obesity	LEC	<i>RTCA</i>	0.010067762	0.000870539	0.089961419	1
Obesity	LEC	<i>SAP18</i>	0.01068323	0.00262212	0.143113524	1
Obesity	LEC	<i>SCAI</i>	-0.003054844	0.008031918	0.247748753	1
Obesity	LEC	<i>SCOC</i>	-0.015162724	0.011638993	0.306408038	1
Obesity	LEC	<i>SCTR</i>	0.008265132	0.007198072	0.232602253	1
Obesity	LEC	<i>SDCCAG3</i>	0.00808225	0.001985125	0.129443454	1
Obesity	LEC	<i>SDHA</i>	-0.003174959	0.033024281	0.538444609	1
Obesity	LEC	<i>SEC23B</i>	0.006044324	0.01926376	0.417939987	1
Obesity	LEC	<i>SEMA4A</i>	-0.005435999	0.040724287	0.580332799	1
Obesity	LEC	<i>SERF1A</i>	-0.028848896	0.031895415	0.53093872	1
Obesity	LEC	<i>SERF1B</i>	0.090212266	0.006499598	0.224517906	1
Obesity	LEC	<i>SF3A3</i>	-0.004064693	0.046068336	0.615623693	1
Obesity	LEC	<i>SF3B1</i>	0.002829797	0.006422686	0.223151005	1
Obesity	LEC	<i>SH2D3A</i>	-0.011916552	0.000888173	0.089961419	1
Obesity	LEC	<i>SH3BGRL2</i>	0.004692487	0.032282102	0.531454116	1
Obesity	LEC	<i>SH3YL1</i>	0.005703302	0.028226805	0.506556712	1
Obesity	LEC	<i>SHB</i>	0.04034632	0.002904497	0.149885927	1
Obesity	LEC	<i>SKIV2L2</i>	0.002642355	0.02779459	0.502318672	1
Obesity	LEC	<i>SLC16A4</i>	0.004274874	0.024753321	0.477180141	1
Obesity	LEC	<i>SLC22A23</i>	0.002595312	0.017079392	0.385156412	1
Obesity	LEC	<i>SLC25A23</i>	0.014719328	0.021230164	0.442060845	1
Obesity	LEC	<i>SLC25A27</i>	0.004066943	0.018529262	0.407098789	1
Obesity	LEC	<i>SLC26A1</i>	0.046628263	0.018165984	0.405074328	1
Obesity	LEC	<i>SLC26A5</i>	-0.003135741	0.049103775	0.629708498	1
Obesity	LEC	<i>SLC38A10</i>	0.00559751	2.94E-05	0.011512458	0.175890092
Obesity	LEC	<i>SLC4A5</i>	0.017694073	0.043566868	0.600487386	1
Obesity	LEC	<i>SLC5A11</i>	-0.017994074	9.18E-05	0.024560561	0.548415782
Obesity	LEC	<i>SLC5A9</i>	-0.012040609	0.024059174	0.469952717	1
Obesity	LEC	<i>SMAD5</i>	0.004917292	0.001428638	0.110877146	1

Obesity	LEC	<i>SMARCE1</i>	0.004487752	0.022595508	0.457363648	1
Obesity	LEC	<i>SMIM19</i>	0.005257309	0.002047264	0.131553217	1
Obesity	LEC	<i>SMIM8</i>	0.005163516	0.039939305	0.579117149	1
Obesity	LEC	<i>SMN2</i>	0.022488712	0.040057142	0.579117149	1
Obesity	LEC	<i>SNX27</i>	0.003105311	0.038358998	0.571491314	1
Obesity	LEC	<i>SORCS2</i>	-0.008501608	0.035812116	0.547676525	1
Obesity	LEC	<i>SOWAHC</i>	-0.017084503	0.02747524	0.500844588	1
Obesity	LEC	<i>SPAG7</i>	0.010412497	0.000252337	0.047123868	1
Obesity	LEC	<i>SPAG8</i>	0.014546893	0.018451658	0.407098789	1
Obesity	LEC	<i>SPATS2</i>	0.00392767	0.047079291	0.619134796	1
Obesity	LEC	<i>SPECC1L</i>	0.022544221	0.000635613	0.077773227	1
Obesity	LEC	<i>SPP1</i>	0.007214114	0.001821334	0.125860726	1
Obesity	LEC	<i>SPTLC1</i>	0.007492444	0.009862178	0.274946772	1
Obesity	LEC	<i>SRBD1</i>	-0.003466646	0.001786893	0.125860726	1
Obesity	LEC	<i>SRGAP2C</i>	0.00523987	0.026150919	0.494311769	1
Obesity	LEC	<i>SRSF10</i>	0.002213021	0.016687503	0.379794309	1
Obesity	LEC	<i>STAG3</i>	0.008367851	0.008784471	0.261309879	1
Obesity	LEC	<i>STON1-GTF2A1L</i>	-0.012415747	0.014500748	0.35343942	1
Obesity	LEC	<i>STUB1</i>	0.008810658	0.003410259	0.155265869	1
Obesity	LEC	<i>STXBP2</i>	0.009764512	0.035939938	0.547900691	1
Obesity	LEC	<i>SUSD2</i>	-0.037495563	0.000376506	0.054878109	1
Obesity	LEC	<i>SYDE1</i>	0.016584514	0.038869744	0.57416939	1
Obesity	LEC	<i>SYT17</i>	0.007752236	0.001036001	0.097956569	1
Obesity	LEC	<i>TBL2</i>	-0.010551655	0.009250276	0.267051449	1
Obesity	LEC	<i>TCF21</i>	0.040768595	0.0487967	0.628467846	1
Obesity	LEC	<i>TCHH</i>	-0.044953474	0.001309196	0.106268701	1
Obesity	LEC	<i>TCTA</i>	0.008888503	0.000946466	0.09122714	1
Obesity	LEC	<i>TCTEX1D2</i>	0.044712305	0.00320134	0.155265869	1
Obesity	LEC	<i>TDRD5</i>	0.04172239	0.003009758	0.149885927	1
Obesity	LEC	<i>TEX14</i>	-0.005619513	0.028852814	0.512307995	1
Obesity	LEC	<i>TEX261</i>	-0.009256965	0.007065808	0.232602253	1
Obesity	LEC	<i>THAP3</i>	0.007029623	0.009490084	0.27135283	1
Obesity	LEC	<i>TIGD7</i>	0.012166833	0.000545855	0.070913627	1
Obesity	LEC	<i>TIMM17A</i>	0.005863798	0.029639816	0.52043993	1
Obesity	LEC	<i>TLR5</i>	-0.00513243	0.042128406	0.589332796	1
Obesity	LEC	<i>TM2D3</i>	0.009027981	0.006807881	0.228561204	1
Obesity	LEC	<i>TMBIM4</i>	-0.003870557	0.034902994	0.54234604	1
Obesity	LEC	<i>TMC5</i>	0.022995481	0.003491347	0.156874337	1
Obesity	LEC	<i>TMCC2</i>	-0.017774101	0.033281425	0.538444609	1
Obesity	LEC	<i>TMEM177</i>	-0.012008539	0.007709856	0.243778313	1
Obesity	LEC	<i>TMEM178B</i>	0.00951621	0.008967372	0.262456406	1
Obesity	LEC	<i>TMEM65</i>	-0.002591846	0.003328434	0.155265869	1
Obesity	LEC	<i>TMPRSS13</i>	-0.04456995	0.007472781	0.23880929	1
Obesity	LEC	<i>TNNT3</i>	0.020552946	0.015205699	0.36202891	1
Obesity	LEC	<i>TNPO2</i>	-0.003226082	0.048260664	0.625608953	1
Obesity	LEC	<i>TOR3A</i>	0.007800482	0.009635294	0.274192927	1
Obesity	LEC	<i>TRIM63</i>	0.007879601	0.038433053	0.571491314	1
Obesity	LEC	<i>TSEN2</i>	0.006891701	0.005304001	0.196873972	1
Obesity	LEC	<i>TSPAN4</i>	0.004505467	0.043210917	0.59913791	1
Obesity	LEC	<i>TTC21A</i>	0.00995022	0.036135427	0.548084553	1
Obesity	LEC	<i>TUFM</i>	0.006969654	0.043383048	0.600132163	1
Obesity	LEC	<i>TUSC1</i>	-0.018797463	0.000637699	0.077773227	1

Obesity	LEC	<i>UBL7</i>	0.0162091	0.003861226	0.167207882	1
Obesity	LEC	<i>UBQLN1</i>	-0.002842253	0.014421123	0.353293572	1
Obesity	LEC	<i>UCP2</i>	-0.006996961	0.000172825	0.038251955	1
Obesity	LEC	<i>USB1</i>	-0.018326692	0.001992771	0.129443454	1
Obesity	LEC	<i>USP22</i>	0.005038797	0.004701671	0.183641751	1
Obesity	LEC	<i>VAMP4</i>	-0.007009383	0.018276121	0.40601523	1
Obesity	LEC	<i>VANGL2</i>	-0.026980962	0.026926276	0.498177782	1
Obesity	LEC	<i>VAPB</i>	-0.004824715	0.033337434	0.538444609	1
Obesity	LEC	<i>VEPH1</i>	0.012492205	0.033992576	0.5387648	1
Obesity	LEC	<i>VIPAS39</i>	-0.014898958	4.55E-07	0.001359709	0.002719417
Obesity	LEC	<i>VPS37C</i>	-0.006668828	0.015584801	0.365234397	1
Obesity	LEC	<i>VSIG2</i>	-0.035582823	0.007200706	0.232602253	1
Obesity	LEC	<i>WASF3</i>	-0.003438991	0.033599663	0.5387648	1
Obesity	LEC	<i>WDR11</i>	0.004124271	0.001157528	0.10172626	1
Obesity	LEC	<i>WDR24</i>	0.021221483	5.58E-06	0.006671109	0.033355544
Obesity	LEC	<i>WDR90</i>	0.013258768	0.045579009	0.613468822	1
Obesity	LEC	<i>WNT5A</i>	0.014367685	0.026738175	0.498177782	1
Obesity	LEC	<i>WRB</i>	-0.004112236	0.043842831	0.600487386	1
Obesity	LEC	<i>ZBTB7B</i>	0.00857159	0.034022844	0.5387648	1
Obesity	LEC	<i>ZC3H12C</i>	0.003888793	0.006710175	0.227840958	1
Obesity	LEC	<i>ZC3H6</i>	0.004204067	0.013007976	0.327998592	1
Obesity	LEC	<i>ZCCHC11</i>	0.002183428	0.031116114	0.523802535	1
Obesity	LEC	<i>ZCCHC3</i>	-0.008595322	0.005093956	0.192667613	1
Obesity	LEC	<i>ZFAT</i>	0.006479615	0.019503189	0.417939987	1
Obesity	LEC	<i>ZKSCAN1</i>	0.004067233	0.014424972	0.353293572	1
Obesity	LEC	<i>ZNF10</i>	-0.011806267	0.006550126	0.224962963	1
Obesity	LEC	<i>ZNF142</i>	0.014773257	0.019434695	0.417939987	1
Obesity	LEC	<i>ZNF143</i>	-0.007423817	0.001154606	0.10172626	1
Obesity	LEC	<i>ZNF195</i>	0.005195211	0.042207904	0.589332796	1
Obesity	LEC	<i>ZNF211</i>	0.007801196	0.033776609	0.5387648	1
Obesity	LEC	<i>ZNF223</i>	-0.039598093	0.004490492	0.180005622	1
Obesity	LEC	<i>ZNF239</i>	-0.023953709	0.040203777	0.579117149	1
Obesity	LEC	<i>ZNF25</i>	0.007646622	0.009856945	0.274946772	1
Obesity	LEC	<i>ZNF260</i>	-0.006191368	0.023748901	0.469945142	1
Obesity	LEC	<i>ZNF273</i>	0.006955	0.030272783	0.5210069	1
Obesity	LEC	<i>ZNF320</i>	0.015634109	0.006093489	0.214204076	1
Obesity	LEC	<i>ZNF334</i>	0.009780505	0.000362083	0.054095184	1
Obesity	LEC	<i>ZNF436</i>	-0.011668837	0.040885645	0.580362505	1
Obesity	LEC	<i>ZNF554</i>	0.015298706	0.015975482	0.371759684	1
Obesity	LEC	<i>ZNF565</i>	0.004081748	0.020865537	0.437517373	1
Obesity	LEC	<i>ZNF569</i>	0.007018321	0.042005496	0.589332796	1
Obesity	LEC	<i>ZNF573</i>	0.003965915	0.012474998	0.32133873	1
Obesity	LEC	<i>ZNF623</i>	-0.008263777	0.046226454	0.615623693	1
Obesity	LEC	<i>ZNF664</i>	0.017230231	0.001315911	0.106268701	1
Obesity	LEC	<i>ZNF717</i>	-0.006656923	0.023631353	0.469172648	1
Obesity	LEC	<i>ZNF799</i>	-0.035668426	0.015450278	0.363507322	1
Obesity	LEC	<i>ZNF93</i>	-0.00655161	0.040229631	0.579117149	1
Obesity	LEC	<i>ZSCAN23</i>	0.016817357	0.007407042	0.237981098	1
Obesity	LEC	<i>ZSCAN30</i>	-0.003537436	0.029526375	0.52043993	1
Obesity	LEC	<i>CYP2C9</i>	0.045587682	3.04E-05	0.011512458	0.181913193
Obesity	LEC	<i>LINC01050</i>	0.028924104	0.006376971	0.222858345	1
Obesity	LEC	<i>POLR2J2</i>	0.081754314	0.016053141	0.371835547	1

Obesity	LEC	<i>SP6</i>	-0.025000458	0.000193652	0.041132476	1
Obesity	LEC	<i>GPR88</i>	-0.003740015	0.035212988	0.543754043	1
Obesity	LEC	<i>OR2AE1</i>	0.004899068	0.023854865	0.469952717	1
Obesity	LEC	<i>RASA4B</i>	0.011891513	0.00079184	0.089283719	1
Obesity	LEC	<i>CYP1A1</i>	0.012091833	0.039520431	0.578858072	1
Obesity	LEC	<i>KIF25-AS1</i>	-0.01296262	0.002422871	0.137895993	1
Obesity	LEC	<i>NKX6-1</i>	0.006101785	0.040461608	0.57985269	1
Obesity	macrophage	<i>AC144652.1</i>	0.018286678	0.016675889	0.398218722	1
Obesity	macrophage	<i>ACAD9</i>	0.009821603	0.028422697	0.499570692	1
Obesity	macrophage	<i>ACHE</i>	-0.026273617	0.018455318	0.408894384	1
Obesity	macrophage	<i>ACOX2</i>	-0.008503304	0.008111565	0.290267747	1
Obesity	macrophage	<i>ACTR3B</i>	0.007776241	0.005104293	0.230570103	1
Obesity	macrophage	<i>ACTR5</i>	0.007837422	0.026561115	0.490113506	1
Obesity	macrophage	<i>ACVR2A</i>	-0.003716317	0.000176122	0.029236222	1
Obesity	macrophage	<i>ADAM33</i>	0.003902312	0.043084894	0.590516281	1
Obesity	macrophage	<i>ADAT1</i>	0.005707885	0.030184169	0.515427239	1
Obesity	macrophage	<i>ADII</i>	0.007544926	2.07E-05	0.00771747	0.123479514
Obesity	macrophage	<i>AGER</i>	0.014949987	0.004754193	0.219672358	1
Obesity	macrophage	<i>AGO2</i>	0.004702046	0.033063755	0.541339728	1
Obesity	macrophage	<i>AKTIP</i>	-0.006377909	0.039080856	0.571020042	1
Obesity	macrophage	<i>ALS2CR12</i>	-0.012377604	0.028525417	0.499905841	1
Obesity	macrophage	<i>AMZ2</i>	0.01019098	0.011174579	0.338688246	1
Obesity	macrophage	<i>ANGEL1</i>	-0.008993072	0.002107465	0.137311878	1
Obesity	macrophage	<i>ANKRD26</i>	0.004410902	0.038646044	0.570722721	1
Obesity	macrophage	<i>AP000350.4</i>	-0.034319935	0.004046013	0.201491429	1
Obesity	macrophage	<i>AP000350.5</i>	-0.068262328	0.005683276	0.239438035	1
Obesity	macrophage	<i>AP000350.6</i>	-0.046199643	0.000964481	0.090058423	1
Obesity	macrophage	<i>ARHGEF19</i>	0.025543229	0.028268931	0.499034245	1
Obesity	macrophage	<i>ARL16</i>	-0.007301879	0.014318852	0.372041125	1
Obesity	macrophage	<i>ARNT</i>	0.003955017	0.033840518	0.548051319	1
Obesity	macrophage	<i>ASAH2B</i>	0.022778988	0.006550466	0.257053052	1
Obesity	macrophage	<i>ASIC3</i>	-0.155294953	6.02E-08	0.00012452	0.00035946
Obesity	macrophage	<i>ATF5</i>	0.010078243	0.025427089	0.482315104	1
Obesity	macrophage	<i>ATP13A1</i>	-0.009263213	0.001559342	0.115044772	1
Obesity	macrophage	<i>ATP5O</i>	0.010441397	0.02830867	0.499034245	1
Obesity	macrophage	<i>ATP6V0E1</i>	0.004990231	0.012805292	0.354177842	1
Obesity	macrophage	<i>ATP6V0E2</i>	-0.015573803	0.040059313	0.572081267	1
Obesity	macrophage	<i>ATXN2</i>	-0.001286335	0.042006496	0.581615607	1
Obesity	macrophage	<i>AURKC</i>	0.027125768	0.040390234	0.572081267	1
Obesity	macrophage	<i>B3GALNT2</i>	0.002962686	0.049240721	0.622119548	1
Obesity	macrophage	<i>B3GALT2</i>	-0.016227134	0.008494503	0.298341178	1
Obesity	macrophage	<i>B3GNT9</i>	-0.025917592	0.029579576	0.51387809	1
Obesity	macrophage	<i>BBS1</i>	0.011836328	0.023066782	0.45494089	1
Obesity	macrophage	<i>BBS12</i>	0.021945732	0.042646983	0.588587467	1
Obesity	macrophage	<i>BIN3</i>	-0.005044586	0.00267499	0.15520135	1
Obesity	macrophage	<i>BLVRA</i>	0.0043737	0.009967336	0.321971907	1
Obesity	macrophage	<i>BROX</i>	0.008397393	0.007697702	0.280496735	1
Obesity	macrophage	<i>BSCL2</i>	0.063622486	0.01059241	0.332709773	1
Obesity	macrophage	<i>C10orf95</i>	-0.018263423	0.027007893	0.490113506	1
Obesity	macrophage	<i>C11orf54</i>	0.011079662	1.27E-05	0.006303953	0.075647435
Obesity	macrophage	<i>C12orf54</i>	0.026143274	0.013374897	0.361666903	1
Obesity	macrophage	<i>C17orf107</i>	-0.073634056	0.005689458	0.239438035	1

Obesity	macrophage	<i>CIQL3</i>	-0.017283833	0.014178909	0.370013794	1
Obesity	macrophage	<i>CIQTNF6</i>	0.008934926	0.032361613	0.535714683	1
Obesity	macrophage	<i>C1orf109</i>	0.008095505	0.019463509	0.422959755	1
Obesity	macrophage	<i>C5orf22</i>	0.005606369	0.010955864	0.334416767	1
Obesity	macrophage	<i>C8orf46</i>	0.009303337	0.040493704	0.572081267	1
Obesity	macrophage	<i>C8orf59</i>	0.004251525	0.017930791	0.402836109	1
Obesity	macrophage	<i>CABLES2</i>	-0.025004578	0.016033014	0.394366464	1
Obesity	macrophage	<i>CACNB3</i>	-0.017360764	0.044443748	0.598559755	1
Obesity	macrophage	<i>CALHM2</i>	0.007262587	0.012442433	0.349089119	1
Obesity	macrophage	<i>CAMK2A</i>	0.018993242	0.045340115	0.602116728	1
Obesity	macrophage	<i>CASP1</i>	-0.005302338	0.036404216	0.555963099	1
Obesity	macrophage	<i>CCDC117</i>	0.013807918	0.001017044	0.092088719	1
Obesity	macrophage	<i>CCDC153</i>	-0.017884426	0.033781744	0.548051319	1
Obesity	macrophage	<i>CCDC154</i>	0.013722278	0.003004037	0.166223379	1
Obesity	macrophage	<i>CCDC7</i>	-0.004238853	0.000533671	0.056950372	1
Obesity	macrophage	<i>CCNE1</i>	0.030714696	0.006313811	0.254334714	1
Obesity	macrophage	<i>CCZ1B</i>	0.007380905	0.026311734	0.48831964	1
Obesity	macrophage	<i>CDC25A</i>	-0.040358186	0.00616651	0.2506875	1
Obesity	macrophage	<i>CDC27</i>	0.004407957	0.017356004	0.401688534	1
Obesity	macrophage	<i>CENPP</i>	-0.003046937	0.047483444	0.61219466	1
Obesity	macrophage	<i>CEP104</i>	0.004428116	0.038771141	0.570722721	1
Obesity	macrophage	<i>CEP170</i>	0.002321602	0.01026813	0.327719456	1
Obesity	macrophage	<i>CEP19</i>	-0.011156567	0.036467588	0.555963099	1
Obesity	macrophage	<i>CEPT1</i>	-0.002734025	0.016279775	0.398218722	1
Obesity	macrophage	<i>CFH</i>	0.00285709	0.001889477	0.132082596	1
Obesity	macrophage	<i>CH25H</i>	-0.014510668	0.037818041	0.565294478	1
Obesity	macrophage	<i>CIB2</i>	-0.044064784	0.000189494	0.029800402	1
Obesity	macrophage	<i>CIITA</i>	0.001505174	0.044126448	0.596957406	1
Obesity	macrophage	<i>CIZ1</i>	-0.004670261	0.039535433	0.571081151	1
Obesity	macrophage	<i>CLCN6</i>	-0.006406702	0.03487787	0.552865119	1
Obesity	macrophage	<i>CLCNKA</i>	-0.038330116	0.037425442	0.564783941	1
Obesity	macrophage	<i>CLTB</i>	0.008866554	0.027711292	0.495108049	1
Obesity	macrophage	<i>CLUAP1</i>	-0.010417284	0.000247253	0.036038578	1
Obesity	macrophage	<i>CNDP1</i>	0.028724116	0.02154103	0.436370151	1
Obesity	macrophage	<i>CNIH1</i>	-0.007241558	0.009513876	0.31757539	1
Obesity	macrophage	<i>CNTN6</i>	-0.01788965	0.001840347	0.130927574	1
Obesity	macrophage	<i>COX14</i>	-0.006191154	0.022615868	0.450508085	1
Obesity	macrophage	<i>COX4I2</i>	-0.009530454	0.001517212	0.113335734	1
Obesity	macrophage	<i>CPNE7</i>	-0.061457729	0.009857654	0.321971907	1
Obesity	macrophage	<i>CPSF3</i>	0.015101871	6.25E-08	0.00012452	0.000373561
Obesity	macrophage	<i>CPXMI</i>	0.011541083	0.013486787	0.363049727	1
Obesity	macrophage	<i>CSRNP3</i>	-0.003721027	0.039562851	0.571081151	1
Obesity	macrophage	<i>CTTNBP2</i>	-0.003567919	0.005645264	0.239438035	1
Obesity	macrophage	<i>CWF19L2</i>	0.002327462	0.022068339	0.444344804	1
Obesity	macrophage	<i>CYB5RL</i>	0.014865356	0.031849721	0.529153275	1
Obesity	macrophage	<i>CYFIP1</i>	-0.002613457	0.006697913	0.258236941	1
Obesity	macrophage	<i>CYP2C8</i>	0.062178608	0.037932243	0.565294478	1
Obesity	macrophage	<i>DBNDD2</i>	-0.025583093	0.045178416	0.602089455	1
Obesity	macrophage	<i>DCLRE1A</i>	0.016807999	0.026107682	0.487303713	1
Obesity	macrophage	<i>DDT</i>	-0.008109978	0.03547448	0.555963099	1
Obesity	macrophage	<i>DDTL</i>	0.030911659	0.000792298	0.077807996	1
Obesity	macrophage	<i>DDX18</i>	-0.002805376	0.035955329	0.555963099	1

Obesity	macrophage	<i>DHX57</i>	0.005000488	0.019063489	0.418793065	1
Obesity	macrophage	<i>DMTN</i>	-0.011640552	0.010916549	0.334416767	1
Obesity	macrophage	<i>DNAJC15</i>	0.007274589	0.015631112	0.3924854	1
Obesity	macrophage	<i>DNLZ</i>	-0.091090249	0.012502664	0.349139813	1
Obesity	macrophage	<i>DOCK7</i>	0.004142766	0.009945133	0.321971907	1
Obesity	macrophage	<i>DPP3</i>	0.012045154	0.01650112	0.398218722	1
Obesity	macrophage	<i>DPY19L4</i>	0.006083072	0.046624921	0.609694804	1
Obesity	macrophage	<i>DSTYK</i>	0.003776541	0.011223381	0.338688246	1
Obesity	macrophage	<i>DTX4</i>	0.010237533	0.023449417	0.459323824	1
Obesity	macrophage	<i>DUSP22</i>	0.004371452	0.017453181	0.401688534	1
Obesity	macrophage	<i>DZIP1</i>	0.005261925	0.015487299	0.390515174	1
Obesity	macrophage	<i>ECHDC3</i>	-0.007682282	0.015465477	0.390515174	1
Obesity	macrophage	<i>EFHB</i>	0.013312233	0.000365607	0.044589169	1
Obesity	macrophage	<i>EFNB3</i>	0.026750491	0.036733486	0.556936024	1
Obesity	macrophage	<i>EIF5A</i>	0.020661794	0.000552098	0.05788309	1
Obesity	macrophage	<i>ELP3</i>	0.003391564	0.005805612	0.240932893	1
Obesity	macrophage	<i>ENO1</i>	0.008280673	0.025503945	0.482315104	1
Obesity	macrophage	<i>ENSA</i>	0.004233739	0.002293829	0.140856749	1
Obesity	macrophage	<i>ERCC6</i>	0.00345046	0.041723075	0.579853713	1
Obesity	macrophage	<i>ETV4</i>	-0.007213595	0.027146514	0.490113506	1
Obesity	macrophage	<i>EXOSC6</i>	0.007413425	0.015413943	0.390515174	1
Obesity	macrophage	<i>FAM111A</i>	0.002794103	0.047376892	0.61219466	1
Obesity	macrophage	<i>FAM126B</i>	-0.001796819	0.045782589	0.605302545	1
Obesity	macrophage	<i>FAM135B</i>	0.046470653	8.19E-06	0.004896332	0.048963321
Obesity	macrophage	<i>FAM160A2</i>	-0.00663338	0.016606414	0.398218722	1
Obesity	macrophage	<i>FAM181B</i>	-0.040598682	0.013848864	0.367635236	1
Obesity	macrophage	<i>FAM196A</i>	-0.003956485	0.007261612	0.272927013	1
Obesity	macrophage	<i>FAM19A1</i>	-0.003255403	0.005394719	0.235374184	1
Obesity	macrophage	<i>FANCF</i>	0.010852344	0.007491669	0.27635934	1
Obesity	macrophage	<i>FANCG</i>	-0.020219789	0.018474144	0.408894384	1
Obesity	macrophage	<i>FARP2</i>	-0.004052721	0.036352465	0.555963099	1
Obesity	macrophage	<i>FARSA</i>	0.013311207	2.66E-06	0.002648019	0.015888116
Obesity	macrophage	<i>FASN</i>	-0.008501342	0.012282979	0.348050238	1
Obesity	macrophage	<i>FBF1</i>	0.01160586	0.001938971	0.132082596	1
Obesity	macrophage	<i>FBXO27</i>	0.016283283	0.006624192	0.257053052	1
Obesity	macrophage	<i>FBXO36</i>	0.016645872	0.000106671	0.021248862	0.637465864
Obesity	macrophage	<i>FES</i>	-0.007923511	0.005395961	0.235374184	1
Obesity	macrophage	<i>FEZ1</i>	0.013305829	0.001169134	0.100813181	1
Obesity	macrophage	<i>FGFR1</i>	0.002433805	0.008690676	0.3002051	1
Obesity	macrophage	<i>FGFR1OP</i>	-0.007489712	0.043249771	0.590516281	1
Obesity	macrophage	<i>FLRT2</i>	0.001542469	0.03157738	0.529153275	1
Obesity	macrophage	<i>FOXP2</i>	0.001675387	0.040059384	0.572081267	1
Obesity	macrophage	<i>FRS3</i>	0.010123037	0.016984497	0.399603768	1
Obesity	macrophage	<i>FST</i>	0.01329087	0.016792356	0.398218722	1
Obesity	macrophage	<i>FXYD5</i>	-0.004509505	0.042044502	0.581615607	1
Obesity	macrophage	<i>GAL3ST2</i>	0.06077165	0.020610564	0.431966945	1
Obesity	macrophage	<i>GAL3ST4</i>	0.020208508	0.00995802	0.321971907	1
Obesity	macrophage	<i>GALK1</i>	-0.014245157	0.002725203	0.156594351	1
Obesity	macrophage	<i>GALNS</i>	0.00763258	0.046498086	0.609694804	1
Obesity	macrophage	<i>GAS6</i>	-0.003544213	0.016384519	0.398218722	1
Obesity	macrophage	<i>GCC2</i>	-0.001840797	0.037882383	0.565294478	1
Obesity	macrophage	<i>GCDH</i>	0.011279021	0.000120427	0.023215177	0.71967048

Obesity	macrophage	<i>GFMI</i>	0.004455656	0.01503358	0.387244273		1
Obesity	macrophage	<i>GGA1</i>	0.008651087	0.014999943	0.387244273		1
Obesity	macrophage	<i>GGCX</i>	-0.007188313	0.001989196	0.132082596		1
Obesity	macrophage	<i>GGNBP2</i>	-0.002954133	0.00602894	0.248475484		1
Obesity	macrophage	<i>GNGI0</i>	-0.071742886	0.002545086	0.150511771		1
Obesity	macrophage	<i>GNPTAB</i>	0.001605606	0.048382408	0.617072974		1
Obesity	macrophage	<i>GOLIM4</i>	0.005829336	0.005643735	0.239438035		1
Obesity	macrophage	<i>GOSR1</i>	0.002420599	0.036016892	0.555963099		1
Obesity	macrophage	<i>GPR108</i>	0.008756057	0.007654938	0.280496735		1
Obesity	macrophage	<i>GPSM1</i>	0.029963013	0.000794225	0.077807996		1
Obesity	macrophage	<i>GRIK2</i>	-0.013900232	0.010633796	0.332709773		1
Obesity	macrophage	<i>GRK4</i>	-0.00735169	0.012186998	0.348050238		1
Obesity	macrophage	<i>GRPEL1</i>	0.005061518	0.049990068	0.630254528		1
Obesity	macrophage	<i>GSTCD</i>	-0.004716453	0.019571726	0.423770416		1
Obesity	macrophage	<i>GSTM3</i>	0.011381179	0.038633074	0.570722721		1
Obesity	macrophage	<i>H6PD</i>	0.009678159	3.59E-05	0.010610218	0.214309021	
Obesity	macrophage	<i>HAUS1</i>	0.015350282	0.002230438	0.138844789		1
Obesity	macrophage	<i>HAUS4</i>	0.036862128	8.66E-07	0.001035018	0.005175091	
Obesity	macrophage	<i>HCN1</i>	0.018377657	0.025440968	0.482315104		1
Obesity	macrophage	<i>HDAC2</i>	0.005087669	0.004488946	0.216338225		1
Obesity	macrophage	<i>HERPUD1</i>	-0.007320217	0.006451112	0.255310253		1
Obesity	macrophage	<i>HORMAD1</i>	0.009605019	0.047635629	0.61219466		1
Obesity	macrophage	<i>HOXD1</i>	0.043396226	0.041017459	0.574052309		1
Obesity	macrophage	<i>HRAS</i>	-0.009355489	0.048333894	0.617072974		1
Obesity	macrophage	<i>HSBP1L1</i>	-0.013038951	2.02E-05	0.00771747	0.120959395	
Obesity	macrophage	<i>HSD17B11</i>	0.005302807	0.016029829	0.394366464		1
Obesity	macrophage	<i>HSPA12A</i>	0.003868592	0.011719773	0.342158019		1
Obesity	macrophage	<i>IFT172</i>	0.007754891	0.002137794	0.137311878		1
Obesity	macrophage	<i>IFT74</i>	0.004414636	0.013903207	0.367635236		1
Obesity	macrophage	<i>IGFLR1</i>	0.034295689	0.003810771	0.194642454		1
Obesity	macrophage	<i>IL17RA</i>	-0.002400976	0.020399406	0.43076625		1
Obesity	macrophage	<i>IL34</i>	0.010511426	0.009899729	0.321971907		1
Obesity	macrophage	<i>IMP3</i>	-0.007731872	0.0254526	0.482315104		1
Obesity	macrophage	<i>IMPA2</i>	0.006907636	0.00319821	0.170515146		1
Obesity	macrophage	<i>ITGAV</i>	0.004603657	0.000170551	0.029120402		1
Obesity	macrophage	<i>KCNK1</i>	-0.010454788	0.030046285	0.515427239		1
Obesity	macrophage	<i>KCNN2</i>	-0.017481092	0.004384457	0.214089649		1
Obesity	macrophage	<i>KCTD2</i>	-0.007192848	0.014036951	0.369536657		1
Obesity	macrophage	<i>KHDRBS3</i>	0.004037653	0.00035931	0.044589169		1
Obesity	macrophage	<i>KHK</i>	-0.032223004	0.000272013	0.038088739		1
Obesity	macrophage	<i>KIAA0040</i>	-0.007803427	9.18E-06	0.004987422	0.054861641	
Obesity	macrophage	<i>KIAA0825</i>	-0.004568173	5.08E-06	0.003371624	0.030344617	
Obesity	macrophage	<i>KIF16B</i>	0.002189057	0.025237767	0.482315104		1
Obesity	macrophage	<i>KIF25</i>	-0.02394197	0.02259407	0.450508085		1
Obesity	macrophage	<i>KPNA4</i>	0.002720949	0.006969234	0.263595824		1
Obesity	macrophage	<i>LAMB3</i>	-0.016356896	0.019131611	0.418793065		1
Obesity	macrophage	<i>LCAT</i>	0.01147223	0.003393424	0.174819829		1
Obesity	macrophage	<i>LINC00200</i>	-0.009286256	0.037603568	0.565294478		1
Obesity	macrophage	<i>LINC00626</i>	0.059257022	0.000436121	0.050120384		1
Obesity	macrophage	<i>LINC00648</i>	-0.00950025	0.013867664	0.367635236		1
Obesity	macrophage	<i>LINC00672</i>	-0.025198355	0.001752796	0.126201318		1
Obesity	macrophage	<i>LINC00847</i>	-0.012104615	0.004778682	0.219672358		1

Obesity	macrophage	<i>LINC00910</i>	-0.022196515	0.011756538	0.342158019	1
Obesity	macrophage	<i>LINC00924</i>	-0.006286157	0.016458462	0.398218722	1
Obesity	macrophage	<i>LINC00959</i>	-0.007233258	0.013609927	0.364721632	1
Obesity	macrophage	<i>LINC00969</i>	0.003042143	0.022941291	0.453964093	1
Obesity	macrophage	<i>LIPG</i>	0.035967338	0.028967257	0.5061647	1
Obesity	macrophage	<i>LMAN1</i>	0.004784467	0.001257705	0.103277888	1
Obesity	macrophage	<i>LRBA</i>	0.00119571	0.006380408	0.254334714	1
Obesity	macrophage	<i>LRCH4</i>	0.016067045	0.043280812	0.590516281	1
Obesity	macrophage	<i>LRRC27</i>	0.0099147	0.008365924	0.295826989	1
Obesity	macrophage	<i>LRRC39</i>	0.007524632	0.031558232	0.529153275	1
Obesity	macrophage	<i>LRRC59</i>	0.012378155	7.99E-05	0.018542811	0.477248986
Obesity	macrophage	<i>LRRC61</i>	-0.015009034	0.0010678	0.095241381	1
Obesity	macrophage	<i>LTBP3</i>	0.005397485	0.027754551	0.495108049	1
Obesity	macrophage	<i>LZTR1</i>	0.00870293	0.023439531	0.459323824	1
Obesity	macrophage	<i>MAL2</i>	0.012989602	0.01513854	0.388274301	1
Obesity	macrophage	<i>MAN2C1</i>	0.006120843	0.000902212	0.085581272	1
Obesity	macrophage	<i>MAP3K8</i>	0.00214761	0.034806863	0.552865119	1
Obesity	macrophage	<i>MAPK9</i>	0.011078699	0.01174086	0.342158019	1
Obesity	macrophage	<i>MARVELD3</i>	0.025687709	0.036021587	0.555963099	1
Obesity	macrophage	<i>MB21D2</i>	0.006839648	0.003373492	0.174819829	1
Obesity	macrophage	<i>MBLAC1</i>	-0.032423983	0.014126038	0.370013794	1
Obesity	macrophage	<i>MED17</i>	0.007194333	0.034417085	0.551411534	1
Obesity	macrophage	<i>MEDAG</i>	0.003927011	0.013001137	0.355277412	1
Obesity	macrophage	<i>MERTK</i>	-0.00340268	0.039384912	0.571081151	1
Obesity	macrophage	<i>METAP1</i>	0.008393129	0.040289374	0.572081267	1
Obesity	macrophage	<i>METTL21C</i>	0.049437187	0.020962251	0.431966945	1
Obesity	macrophage	<i>MFSD5</i>	-0.011991254	0.020050895	0.429140264	1
Obesity	macrophage	<i>MIF</i>	-0.027137289	0.001474464	0.111536639	1
Obesity	macrophage	<i>MIR22HG</i>	0.005601631	0.017468529	0.401688534	1
Obesity	macrophage	<i>MLIP</i>	-0.023550263	0.001396971	0.111309973	1
Obesity	macrophage	<i>MRPL35</i>	-0.011209126	0.039365272	0.571081151	1
Obesity	macrophage	<i>MRPL52</i>	0.009172767	6.11E-05	0.015877445	0.365181231
Obesity	macrophage	<i>MRPS23</i>	0.01495735	0.017476409	0.401688534	1
Obesity	macrophage	<i>MSH6</i>	0.00333925	0.027330948	0.491957071	1
Obesity	macrophage	<i>MTBP</i>	-0.005857172	0.02462258	0.474659801	1
Obesity	macrophage	<i>MTHFD1</i>	0.009759489	1.95E-05	0.00771747	0.116668342
Obesity	macrophage	<i>MTHFR</i>	-0.005731967	0.003224266	0.170515146	1
Obesity	macrophage	<i>MTMR12</i>	0.016393856	4.63E-06	0.003371624	0.027677447
Obesity	macrophage	<i>MTRFIL</i>	-0.012422532	0.002159859	0.137311878	1
Obesity	macrophage	<i>MUC4</i>	0.012782224	0.044599811	0.598559755	1
Obesity	macrophage	<i>MYO15A</i>	-0.009239737	0.03044405	0.518329466	1
Obesity	macrophage	<i>MYO19</i>	0.005751264	0.017889858	0.402836109	1
Obesity	macrophage	<i>NAT6</i>	-0.01955683	0.031482753	0.529153275	1
Obesity	macrophage	<i>NDST1</i>	-0.011062894	0.001180877	0.100813181	1
Obesity	macrophage	<i>NDUFAF4</i>	0.005291918	0.022083401	0.444344804	1
Obesity	macrophage	<i>NFYA</i>	0.003831581	0.046214154	0.609659569	1
Obesity	macrophage	<i>NHLRC2</i>	-0.00610952	0.000410571	0.048109266	1
Obesity	macrophage	<i>NIPAI</i>	0.005591112	0.033429739	0.5443491	1
Obesity	macrophage	<i>NIPAL3</i>	0.003163525	0.036607704	0.556660655	1
Obesity	macrophage	<i>NPC1L1</i>	-0.030335898	0.004714024	0.219672358	1
Obesity	macrophage	<i>NPHP3</i>	0.005860219	0.004759343	0.219672358	1
Obesity	macrophage	<i>NPHP4</i>	0.009526276	0.015971958	0.394366464	1

Obesity	macrophage	<i>NSUN6</i>	0.002726307	0.02084026	0.431966945	1
Obesity	macrophage	<i>NT5C3B</i>	-0.00707403	0.009243328	0.313852992	1
Obesity	macrophage	<i>NT5E</i>	0.006293363	0.006125494	0.2506875	1
Obesity	macrophage	<i>NYAP1</i>	-0.020171903	0.034332605	0.551411534	1
Obesity	macrophage	<i>OAS1</i>	-0.006441768	0.001411439	0.111309973	1
Obesity	macrophage	<i>ODF2</i>	0.00549261	0.001587291	0.115678642	1
Obesity	macrophage	<i>OR2A42</i>	-0.054736548	0.019710097	0.425225774	1
Obesity	macrophage	<i>OSBPL6</i>	0.006490859	0.02359828	0.459323824	1
Obesity	macrophage	<i>OVCHI-AS1</i>	-0.004830337	0.035583541	0.555963099	1
Obesity	macrophage	<i>OXR1</i>	0.00470598	2.74E-05	0.008679961	0.163976184
Obesity	macrophage	<i>P2RX6</i>	-0.024689902	0.010275618	0.327719456	1
Obesity	macrophage	<i>PAK4</i>	0.006061293	0.034833106	0.552865119	1
Obesity	macrophage	<i>PAXIP1-AS2</i>	0.015970589	1.67E-10	1.00E-06	1.00E-06
Obesity	macrophage	<i>PBLD</i>	-0.020722593	1.62E-07	0.000241884	0.000967535
Obesity	macrophage	<i>PCCB</i>	-0.005650386	0.017785117	0.402836109	1
Obesity	macrophage	<i>PCDHA4</i>	-0.043453306	0.021406583	0.435788488	1
Obesity	macrophage	<i>PCDHB12</i>	-0.026554607	0.022483225	0.450508085	1
Obesity	macrophage	<i>PCMTD2</i>	0.007430015	0.009543317	0.31757539	1
Obesity	macrophage	<i>PDCD1</i>	-0.015383657	0.000981305	0.090219656	1
Obesity	macrophage	<i>PDE11A</i>	-0.023339652	0.044771789	0.598559755	1
Obesity	macrophage	<i>PDE1B</i>	-0.009101246	0.001261594	0.103277888	1
Obesity	macrophage	<i>PDE6G</i>	0.047390232	0.004680557	0.219672358	1
Obesity	macrophage	<i>PDLIM3</i>	-0.00642648	0.004727264	0.219672358	1
Obesity	macrophage	<i>PHYHD1</i>	-0.006913197	0.031632062	0.529153275	1
Obesity	macrophage	<i>PILRB</i>	0.009477041	2.25E-05	0.007901656	0.13432816
Obesity	macrophage	<i>PIP5KL1</i>	-0.024389703	0.002799348	0.157819847	1
Obesity	macrophage	<i>PMS2</i>	-0.008644633	0.046541168	0.609694804	1
Obesity	macrophage	<i>PNP</i>	0.011988697	0.027695405	0.495108049	1
Obesity	macrophage	<i>POLR2E</i>	0.01397547	2.76E-05	0.008679961	0.164919256
Obesity	macrophage	<i>POR</i>	0.003023118	0.007421456	0.275469691	1
Obesity	macrophage	<i>PP2D1</i>	-0.007175883	0.00866529	0.3002051	1
Obesity	macrophage	<i>PPP2R2D</i>	0.004037544	0.022790422	0.452476953	1
Obesity	macrophage	<i>PPP4R1</i>	0.004353749	0.032888804	0.541339728	1
Obesity	macrophage	<i>PQLC2</i>	-0.017123055	0.020250595	0.429140264	1
Obesity	macrophage	<i>PRB2</i>	0.009055294	0.044076919	0.596957406	1
Obesity	macrophage	<i>PRH2</i>	-0.023611406	0.009565524	0.31757539	1
Obesity	macrophage	<i>PRKD2</i>	0.003496427	0.010832018	0.334416767	1
Obesity	macrophage	<i>PRMT6</i>	-0.025644412	0.007361267	0.274943324	1
Obesity	macrophage	<i>PRPF4</i>	0.009204917	0.002195546	0.13811143	1
Obesity	macrophage	<i>PRRC2C</i>	0.002232383	0.017775114	0.402836109	1
Obesity	macrophage	<i>PSMB7</i>	-0.00649213	0.000359557	0.044589169	1
Obesity	macrophage	<i>PSMD4</i>	-0.005178517	0.029999299	0.515427239	1
Obesity	macrophage	<i>PSRC1</i>	-0.041647229	0.000235281	0.035150923	1
Obesity	macrophage	<i>PTAFR</i>	-0.00587835	0.031245463	0.529153275	1
Obesity	macrophage	<i>PTER</i>	0.004225538	0.01673382	0.398218722	1
Obesity	macrophage	<i>PYCR2</i>	0.013105484	0.004406464	0.214089649	1
Obesity	macrophage	<i>PYGB</i>	-0.008727577	0.004307181	0.212724886	1
Obesity	macrophage	<i>QRICH1</i>	0.00250668	0.021175314	0.433368749	1
Obesity	macrophage	<i>RAB2A</i>	-0.002679861	0.046994117	0.611844976	1
Obesity	macrophage	<i>RAB3C</i>	0.006759452	0.049056325	0.621102966	1
Obesity	macrophage	<i>RACGAP1</i>	-0.017686336	0.015214778	0.388562023	1
Obesity	macrophage	<i>RARRES2</i>	-0.003389275	0.000388402	0.046421827	1

Obesity	macrophage	<i>RASL10B</i>	-0.040914503	0.017881334	0.402836109	1
Obesity	macrophage	<i>RBM6</i>	0.001391724	0.021167511	0.433368749	1
Obesity	macrophage	<i>REEP4</i>	0.012413865	0.038974147	0.570856627	1
Obesity	macrophage	<i>REPIN1</i>	-0.009001265	0.006772835	0.259451667	1
Obesity	macrophage	<i>RGPI</i>	-0.011863076	0.000331214	0.044589169	1
Obesity	macrophage	<i>RHBDL3</i>	-0.038681208	0.00197891	0.132082596	1
Obesity	macrophage	<i>RICTOR</i>	0.001318907	0.026936676	0.490113506	1
Obesity	macrophage	<i>RIPK1</i>	0.004901125	1.77E-05	0.00771747	0.105688922
Obesity	macrophage	<i>RNASEK</i>	0.005632339	0.003851804	0.195071016	1
Obesity	macrophage	<i>RNF14</i>	-0.003911329	0.034557644	0.552183103	1
Obesity	macrophage	<i>ROBO3</i>	0.004796264	0.020056837	0.429140264	1
Obesity	macrophage	<i>RPIL1</i>	-0.021872482	0.040975723	0.574052309	1
Obesity	macrophage	<i>RPL9</i>	-0.007206818	0.034032024	0.5481816	1
Obesity	macrophage	<i>RPP25</i>	-0.024545145	0.025387334	0.482315104	1
Obesity	macrophage	<i>RPS26</i>	0.009356988	0.02798297	0.496220258	1
Obesity	macrophage	<i>RPS6KL1</i>	-0.007765281	0.046347655	0.609694804	1
Obesity	macrophage	<i>RPS9</i>	0.003069234	0.041596341	0.579439942	1
Obesity	macrophage	<i>RPUSD1</i>	0.029657426	4.44E-06	0.003371624	0.026551103
Obesity	macrophage	<i>RRBP1</i>	0.002104241	0.043261257	0.590516281	1
Obesity	macrophage	<i>RRP15</i>	0.005211755	0.016765137	0.398218722	1
Obesity	macrophage	<i>RSPRY1</i>	-0.006215241	0.025970056	0.48651115	1
Obesity	macrophage	<i>RXRG</i>	0.033374628	0.038322755	0.569693497	1
Obesity	macrophage	<i>SI00A3</i>	0.13445946	8.93E-05	0.019065729	0.533840415
Obesity	macrophage	<i>SAR1A</i>	-0.003706844	0.047309853	0.61219466	1
Obesity	macrophage	<i>SCOC</i>	0.015207625	0.011278273	0.338688246	1
Obesity	macrophage	<i>SDCCAG8</i>	0.001690434	0.011721948	0.342158019	1
Obesity	macrophage	<i>SDK1</i>	0.00126186	0.031876703	0.529153275	1
Obesity	macrophage	<i>SEC23B</i>	0.009679277	0.000186411	0.029800402	1
Obesity	macrophage	<i>SEMA3E</i>	0.005667023	0.008339503	0.295826989	1
Obesity	macrophage	<i>SENP7</i>	0.002560093	0.002521522	0.150511771	1
Obesity	macrophage	<i>SERBP1</i>	0.003896019	0.035926421	0.555963099	1
Obesity	macrophage	<i>SF3B3</i>	-0.00364907	0.007745316	0.280521255	1
Obesity	macrophage	<i>SFTA1P</i>	0.015584905	0.036079359	0.555963099	1
Obesity	macrophage	<i>SFTPD</i>	-0.013975026	0.010968154	0.334416767	1
Obesity	macrophage	<i>SFXN3</i>	0.008021683	0.047549218	0.61219466	1
Obesity	macrophage	<i>SH2D3A</i>	0.01421837	8.07E-05	0.018542811	0.482113089
Obesity	macrophage	<i>SH3BGRL3</i>	-0.003212874	0.02795672	0.496220258	1
Obesity	macrophage	<i>SH3YL1</i>	0.005107763	0.048670624	0.618841811	1
Obesity	macrophage	<i>SIGLEC11</i>	0.026554662	0.005186544	0.23130436	1
Obesity	macrophage	<i>SKIV2L2</i>	0.004004821	0.000857314	0.082634034	1
Obesity	macrophage	<i>SLC25A18</i>	-0.009730227	0.040150121	0.572081267	1
Obesity	macrophage	<i>SLC26A10</i>	-0.018919352	0.017573924	0.40238227	1
Obesity	macrophage	<i>SLC26A11</i>	0.013081859	0.017114019	0.399710826	1
Obesity	macrophage	<i>SLC26A6</i>	0.015338139	0.04815337	0.617072974	1
Obesity	macrophage	<i>SLC2A14</i>	-0.028846216	0.01307198	0.355277412	1
Obesity	macrophage	<i>SLC39A13</i>	-0.011113823	0.04010299	0.572081267	1
Obesity	macrophage	<i>SLC5A4</i>	0.01085814	0.038869503	0.570722721	1
Obesity	macrophage	<i>SLC7A4</i>	-0.07167396	9.97E-05	0.020544926	0.595802849
Obesity	macrophage	<i>SLC9A3</i>	-0.050241423	0.033208373	0.54222196	1
Obesity	macrophage	<i>SLFN12L</i>	-0.001331384	0.021439393	0.435788488	1
Obesity	macrophage	<i>SLFN13</i>	-0.010035111	0.036468798	0.555963099	1
Obesity	macrophage	<i>SMAD2</i>	0.005442001	0.000772234	0.077807996	1

Obesity	macrophage	<i>SMG9</i>	0.005551546	0.043900192	0.596957406	1
Obesity	macrophage	<i>SNRPE</i>	-0.010504894	0.000274066	0.038088739	1
Obesity	macrophage	<i>SNX16</i>	-0.006853633	0.011343374	0.338940005	1
Obesity	macrophage	<i>SOAT2</i>	-0.024105798	0.041382394	0.577806505	1
Obesity	macrophage	<i>SPAG7</i>	-0.009077675	0.00142104	0.111309973	1
Obesity	macrophage	<i>SPAG8</i>	-0.01580095	0.010309782	0.327719456	1
Obesity	macrophage	<i>SPRN</i>	0.020079674	8.88E-05	0.019065729	0.530754787
Obesity	macrophage	<i>SPRTN</i>	0.006333682	0.006383903	0.254334714	1
Obesity	macrophage	<i>SPRYD4</i>	-0.011954323	0.04086748	0.574052309	1
Obesity	macrophage	<i>SPTSSB</i>	-0.021127313	0.044152472	0.596957406	1
Obesity	macrophage	<i>SRP68</i>	-0.006870544	0.012288922	0.348050238	1
Obesity	macrophage	<i>SRSF10</i>	0.002567789	0.005496359	0.238016244	1
Obesity	macrophage	<i>ST20</i>	-0.028803398	0.026738338	0.490113506	1
Obesity	macrophage	<i>ST8SIA2</i>	-0.027041251	0.047336716	0.61219466	1
Obesity	macrophage	<i>STEAP2</i>	-0.009914977	0.002568976	0.150511771	1
Obesity	macrophage	<i>STPG1</i>	0.012325134	0.001434215	0.111309973	1
Obesity	macrophage	<i>STX17</i>	0.003236903	0.044678034	0.598559755	1
Obesity	macrophage	<i>SYDE1</i>	-0.017097098	0.032979035	0.541339728	1
Obesity	macrophage	<i>TAMM41</i>	-0.004402071	0.012564827	0.349243748	1
Obesity	macrophage	<i>TAS2R20</i>	0.037011764	0.037712196	0.565294478	1
Obesity	macrophage	<i>TAS2R4</i>	0.017402753	0.036303086	0.555963099	1
Obesity	macrophage	<i>TAS2R46</i>	-0.037055352	0.039662959	0.571146605	1
Obesity	macrophage	<i>TBL2</i>	-0.014135552	0.000484629	0.054644231	1
Obesity	macrophage	<i>TCHH</i>	0.041145133	0.003317814	0.173923307	1
Obesity	macrophage	<i>TCP11</i>	0.058789362	0.000344209	0.044589169	1
Obesity	macrophage	<i>TDRD9</i>	-0.017691225	0.009141695	0.313852992	1
Obesity	macrophage	<i>TEKT5</i>	-0.047128941	0.009240109	0.313852992	1
Obesity	macrophage	<i>TELO2</i>	-0.012266664	0.019017918	0.418793065	1
Obesity	macrophage	<i>TEP1</i>	0.005470371	0.004042559	0.201491429	1
Obesity	macrophage	<i>TEX14</i>	0.007612342	0.0030973	0.1698116	1
Obesity	macrophage	<i>TGOLN2</i>	-0.002422748	0.036812204	0.556936024	1
Obesity	macrophage	<i>THAP3</i>	0.006270335	0.020700772	0.431966945	1
Obesity	macrophage	<i>TICAM2</i>	0.039671376	0.031787794	0.529153275	1
Obesity	macrophage	<i>TIGD7</i>	-0.012250721	0.000517096	0.056950372	1
Obesity	macrophage	<i>TIPIN</i>	-0.013476376	0.000203054	0.031114059	1
Obesity	macrophage	<i>TMCC2</i>	0.018553747	0.027069317	0.490113506	1
Obesity	macrophage	<i>TMCO1</i>	0.007413511	0.00014547	0.026343343	0.86933031
Obesity	macrophage	<i>TMED9</i>	0.010122911	0.012354884	0.348267876	1
Obesity	macrophage	<i>TMEFF2</i>	0.003509203	0.016933117	0.399603768	1
Obesity	macrophage	<i>TMEM221</i>	0.045527327	0.031594449	0.529153275	1
Obesity	macrophage	<i>TMEM65</i>	-0.001921388	0.030043954	0.515427239	1
Obesity	macrophage	<i>TMPRSS9</i>	-0.014112758	0.02659514	0.490113506	1
Obesity	macrophage	<i>TNPO2</i>	-0.00482946	0.00313033	0.170062276	1
Obesity	macrophage	<i>TOMIL2</i>	0.00274419	0.030187338	0.515427239	1
Obesity	macrophage	<i>TPRGIL</i>	0.023021588	0.010926333	0.334416767	1
Obesity	macrophage	<i>TPSD1</i>	-0.008148043	0.001232532	0.103277888	1
Obesity	macrophage	<i>TRAF3IP2</i>	0.006375566	0.04463733	0.598559755	1
Obesity	macrophage	<i>TRIM65</i>	0.011822952	0.036241669	0.555963099	1
Obesity	macrophage	<i>TRIP4</i>	0.006187015	0.012860875	0.354177842	1
Obesity	macrophage	<i>TRIP6</i>	-0.006473933	0.038791011	0.570722721	1
Obesity	macrophage	<i>TRPM2</i>	-0.005506788	0.025937225	0.48651115	1
Obesity	macrophage	<i>TRPM6</i>	-0.008977261	0.02617545	0.487303713	1

Obesity	macrophage	<i>TSPAN4</i>	0.006876034	0.002123105	0.137311878	1
Obesity	macrophage	<i>TSPYL1</i>	0.011202969	0.018065629	0.40283657	1
Obesity	macrophage	<i>TTC3</i>	0.00231268	0.027048008	0.490113506	1
Obesity	macrophage	<i>TUBG2</i>	-0.010616237	0.005731376	0.239515425	1
Obesity	macrophage	<i>TUFM</i>	0.008039432	0.020211334	0.429140264	1
Obesity	macrophage	<i>TUSC1</i>	0.016687908	0.002763694	0.157293657	1
Obesity	macrophage	<i>TXN2</i>	0.007672384	0.01712282	0.399710826	1
Obesity	macrophage	<i>TXNL4A</i>	-0.008855583	0.000336817	0.044589169	1
Obesity	macrophage	<i>UBQLN1</i>	-0.004420457	0.000132435	0.024732244	0.791431823
Obesity	macrophage	<i>UBQLNL</i>	0.068527771	0.016035986	0.394366464	1
Obesity	macrophage	<i>UBXN11</i>	-0.009711013	0.011963498	0.344021871	1
Obesity	macrophage	<i>ULK3</i>	-0.006327136	0.026747756	0.490113506	1
Obesity	macrophage	<i>ULK4</i>	0.005126822	3.73E-05	0.010610218	0.222814584
Obesity	macrophage	<i>USP6</i>	-0.019707146	0.049032291	0.621102966	1
Obesity	macrophage	<i>UTS2</i>	-0.01405585	0.036237493	0.555963099	1
Obesity	macrophage	<i>VAMP8</i>	-0.008557782	0.029666657	0.51387809	1
Obesity	macrophage	<i>VAPB</i>	0.005267307	0.020484856	0.431047536	1
Obesity	macrophage	<i>VDAC2</i>	0.016847752	0.009374979	0.316524719	1
Obesity	macrophage	<i>VEPH1</i>	0.013617552	0.020929894	0.431966945	1
Obesity	macrophage	<i>VIP</i>	0.020940291	0.005287759	0.234071487	1
Obesity	macrophage	<i>VMO1</i>	-0.019881064	0.001456209	0.111536639	1
Obesity	macrophage	<i>WEE2</i>	0.026147074	0.029585588	0.51387809	1
Obesity	macrophage	<i>YTHDC2</i>	0.003171949	0.000155007	0.027244804	0.926323343
Obesity	macrophage	<i>ZBTB49</i>	-0.006847203	0.045650783	0.604898179	1
Obesity	macrophage	<i>ZC2HC1C</i>	-0.009661346	0.003164736	0.170382524	1
Obesity	macrophage	<i>ZC3H6</i>	0.005532033	0.00115391	0.100813181	1
Obesity	macrophage	<i>ZCCHC3</i>	-0.009175175	0.002938853	0.164136295	1
Obesity	macrophage	<i>ZFPM2</i>	0.000985556	0.015921155	0.394366464	1
Obesity	macrophage	<i>ZKSCAN2</i>	-0.022428098	0.023602842	0.459323824	1
Obesity	macrophage	<i>ZNF10</i>	0.017976671	3.97E-05	0.010774524	0.237039527
Obesity	macrophage	<i>ZNF154</i>	0.015207095	7.53E-05	0.018542811	0.450207236
Obesity	macrophage	<i>ZNF200</i>	-0.014628388	0.008025366	0.288913182	1
Obesity	macrophage	<i>ZNF23</i>	-0.024039937	0.042891703	0.590516281	1
Obesity	macrophage	<i>ZNF239</i>	0.029826073	0.010447532	0.330341014	1
Obesity	macrophage	<i>ZNF253</i>	0.007046806	0.005131497	0.230570103	1
Obesity	macrophage	<i>ZNF260</i>	0.006371603	0.020115631	0.429140264	1
Obesity	macrophage	<i>ZNF285</i>	0.030227431	0.001982671	0.132082596	1
Obesity	macrophage	<i>ZNF334</i>	0.006912952	0.011794604	0.342158019	1
Obesity	macrophage	<i>ZNF385C</i>	0.017051849	0.018000328	0.40283657	1
Obesity	macrophage	<i>ZNF417</i>	0.011480714	0.040934803	0.574052309	1
Obesity	macrophage	<i>ZNF500</i>	-0.011920361	0.005023987	0.229185866	1
Obesity	macrophage	<i>ZNF503-AS1</i>	-0.031194492	0.000682937	0.070366018	1
Obesity	macrophage	<i>ZNF547</i>	0.041688038	0.020772863	0.431966945	1
Obesity	macrophage	<i>ZNF565</i>	-0.003504959	0.046941109	0.611844976	1
Obesity	macrophage	<i>ZNF566</i>	-0.005773373	0.001906159	0.132082596	1
Obesity	macrophage	<i>ZNF575</i>	-0.025091923	0.002538335	0.150511771	1
Obesity	macrophage	<i>ZNF589</i>	-0.004550535	0.011973987	0.344021871	1
Obesity	macrophage	<i>ZNF664</i>	-0.011860061	0.023673316	0.459323824	1
Obesity	macrophage	<i>ZNF697</i>	-0.007594667	0.040444228	0.572081267	1
Obesity	macrophage	<i>ZNF703</i>	-0.016420922	0.03394002	0.548177189	1
Obesity	macrophage	<i>C2orf72</i>	0.019566264	0.032483249	0.53624281	1
Obesity	macrophage	<i>CYP2C9</i>	0.02159252	0.04523731	0.602089455	1

Obesity	macrophage	<i>HES5</i>	0.02224652	0.000529692	0.056950372	1
Obesity	macrophage	<i>TEN1</i>	-0.089361212	0.013079155	0.355277412	1
Obesity	macrophage	<i>LINC00668</i>	0.005774425	0.036345013	0.555963099	1
Obesity	macrophage	<i>SI00A12</i>	-0.065792989	0.006595864	0.257053052	1
Obesity	macrophage	<i>ATOH7</i>	0.070641049	0.025903303	0.48651115	1
Obesity	macrophage	<i>KLHDC7A</i>	-0.065326951	0.039497	0.571081151	1
Obesity	macrophage	<i>LCN2</i>	0.010281146	0.006851964	0.260811068	1
Obesity	macrophage	<i>NPIPA7</i>	-0.111417744	0.008536871	0.298341178	1
Obesity	macrophage	<i>SLC22A31</i>	-0.011451375	0.011730819	0.342158019	1
Obesity	macrophage	<i>TBC1D26</i>	-0.00657564	0.019457513	0.422959755	1
Obesity	macrophage	<i>CHIA</i>	-0.006596797	0.024340642	0.470743286	1
Obesity	macrophage	<i>PDE6H</i>	0.011169818	0.0023099	0.140856749	1
Obesity	macrophage	<i>KIF25-AS1</i>	0.008437427	0.04842825	0.617072974	1
Obesity	mast_cell	<i>ABCG8</i>	0.027450204	0.001863838	0.107313364	1
Obesity	mast_cell	<i>ABHD12</i>	0.007901711	0.000313492	0.044605388	1
Obesity	mast_cell	<i>AC024940.1</i>	0.030025862	0.019888039	0.371410799	1
Obesity	mast_cell	<i>AC131971.1</i>	0.037139268	0.049505884	0.528298508	1
Obesity	mast_cell	<i>ACBD5</i>	-0.005207278	0.001478757	0.095052196	1
Obesity	mast_cell	<i>ACO2</i>	-0.007017989	0.027925236	0.423556374	1
Obesity	mast_cell	<i>ACOT2</i>	0.009022575	0.034232599	0.472582388	1
Obesity	mast_cell	<i>ACTL10</i>	-0.05054501	0.02425533	0.397971172	1
Obesity	mast_cell	<i>ACTR3B</i>	-0.006020409	0.029706227	0.441147791	1
Obesity	mast_cell	<i>ADAM32</i>	0.013099977	0.00104209	0.088424119	1
Obesity	mast_cell	<i>ADAM8</i>	0.006571907	0.048926034	0.52700998	1
Obesity	mast_cell	<i>ADAT1</i>	0.007271296	0.005674829	0.19796092	1
Obesity	mast_cell	<i>ADSSL1</i>	-0.012330666	0.049086355	0.52700998	1
Obesity	mast_cell	<i>AGRN</i>	0.019718572	0.007503544	0.219571523	1
Obesity	mast_cell	<i>AGT</i>	-0.068435402	0.00541542	0.197524623	1
Obesity	mast_cell	<i>AHSA2</i>	0.003524427	0.010345769	0.267646391	1
Obesity	mast_cell	<i>AKAP3</i>	-0.029470529	0.047455052	0.523914883	1
Obesity	mast_cell	<i>AKRIC3</i>	0.006140267	0.022437815	0.388218909	1
Obesity	mast_cell	<i>AL132989.1</i>	-0.027741477	0.000913583	0.085305836	1
Obesity	mast_cell	<i>ALAD</i>	0.010762612	0.001319698	0.090345873	1
Obesity	mast_cell	<i>ALDH5A1</i>	-0.007364683	0.03577845	0.474316865	1
Obesity	mast_cell	<i>ALG8</i>	0.004377969	0.009705373	0.254382925	1
Obesity	mast_cell	<i>ANK1</i>	-0.019906715	0.001050554	0.088424119	1
Obesity	mast_cell	<i>ANKRD45</i>	-0.024151196	0.041167357	0.500104153	1
Obesity	mast_cell	<i>ANKS1A</i>	0.00229332	0.002630887	0.131884325	1
Obesity	mast_cell	<i>AP001007.1</i>	-0.027640019	0.013883803	0.316677899	1
Obesity	mast_cell	<i>AP006621.1</i>	0.012598189	0.015714008	0.339302666	1
Obesity	mast_cell	<i>AP2A1</i>	0.006705698	0.013567437	0.311842319	1
Obesity	mast_cell	<i>APAF1</i>	0.003370404	0.008531201	0.233831644	1
Obesity	mast_cell	<i>AQP11</i>	-0.006573355	0.038427125	0.486526482	1
Obesity	mast_cell	<i>ARHGAP1</i>	-0.005728827	0.004227862	0.173052747	1
Obesity	mast_cell	<i>ARHGAP44</i>	0.003897329	0.017062518	0.349197288	1
Obesity	mast_cell	<i>ARNT</i>	0.003881327	0.036960791	0.478090235	1
Obesity	mast_cell	<i>ASAP3</i>	0.006835174	0.043995825	0.510841255	1
Obesity	mast_cell	<i>ASB14</i>	0.007739077	0.04404586	0.510841255	1
Obesity	mast_cell	<i>ASIC3</i>	-0.062722454	0.02901781	0.434612619	1
Obesity	mast_cell	<i>ATAD2</i>	0.004133041	0.049345539	0.527529413	1
Obesity	mast_cell	<i>ATF6</i>	0.002543922	0.002007904	0.112142361	1
Obesity	mast_cell	<i>ATG14</i>	0.004617013	0.006450496	0.207396862	1

Obesity	mast_cell	<i>ATP13A1</i>	0.005892816	0.045216011	0.514835764	1
Obesity	mast_cell	<i>ATP5G3</i>	0.007053002	0.000857694	0.081358449	1
Obesity	mast_cell	<i>ATP6AP1L</i>	-0.006706848	0.032981394	0.463757208	1
Obesity	mast_cell	<i>ATP6V0E2</i>	-0.015879229	0.036113835	0.474316865	1
Obesity	mast_cell	<i>ATRAID</i>	0.007462204	0.009349286	0.250468418	1
Obesity	mast_cell	<i>ATXN2</i>	0.003386495	8.84E-08	0.000105621	0.000528107
Obesity	mast_cell	<i>ATXN3</i>	0.001963124	0.015864216	0.339801265	1
Obesity	mast_cell	<i>AVEN</i>	0.011581554	1.79E-06	0.000950226	0.010701056
Obesity	mast_cell	<i>B3GALT2</i>	0.016812771	0.006917885	0.212303564	1
Obesity	mast_cell	<i>B3GALT4</i>	-0.008106044	0.006716348	0.209657661	1
Obesity	mast_cell	<i>BAHD1</i>	-0.008334108	0.003174599	0.148214102	1
Obesity	mast_cell	<i>BAK1</i>	0.025967199	0.002595053	0.131884325	1
Obesity	mast_cell	<i>BANF1</i>	-0.017693745	0.003779723	0.164680909	1
Obesity	mast_cell	<i>BCAP29</i>	0.006140816	0.020847901	0.381063327	1
Obesity	mast_cell	<i>BCL2L1</i>	-0.0033644	0.016302174	0.344520037	1
Obesity	mast_cell	<i>BECN1</i>	-0.006060826	0.005336562	0.196859858	1
Obesity	mast_cell	<i>BHMT</i>	-0.025881929	0.000679866	0.073870502	1
Obesity	mast_cell	<i>BIN3</i>	0.00415942	0.013298284	0.306836077	1
Obesity	mast_cell	<i>BIVM</i>	0.010812877	0.019628928	0.371410799	1
Obesity	mast_cell	<i>BLOC1S1</i>	0.012237614	0.000174839	0.029852434	1
Obesity	mast_cell	<i>BLVRA</i>	0.004260756	0.012241782	0.297385723	1
Obesity	mast_cell	<i>BMP8A</i>	0.024932553	0.00334866	0.150463103	1
Obesity	mast_cell	<i>BSCL2</i>	0.055046952	0.028010711	0.423777239	1
Obesity	mast_cell	<i>BTBD16</i>	0.021814836	0.025620827	0.410482745	1
Obesity	mast_cell	<i>BTBD6</i>	0.01381311	0.006420349	0.207396862	1
Obesity	mast_cell	<i>C12orf54</i>	0.032535491	0.002071378	0.112154302	1
Obesity	mast_cell	<i>C17orf58</i>	0.006887874	0.019831681	0.371410799	1
Obesity	mast_cell	<i>C17orf97</i>	0.008692512	0.001031834	0.088424119	1
Obesity	mast_cell	<i>C18orf32</i>	0.007666743	0.042883334	0.50847758	1
Obesity	mast_cell	<i>C19orf12</i>	0.005214595	0.042670552	0.50847758	1
Obesity	mast_cell	<i>C20orf203</i>	0.056125413	9.71E-05	0.022376662	0.580046002
Obesity	mast_cell	<i>C20orf96</i>	-0.010396867	0.009429283	0.250468418	1
Obesity	mast_cell	<i>C21orf33</i>	0.053385193	0.004723697	0.183816405	1
Obesity	mast_cell	<i>C9orf64</i>	0.014625068	0.026967643	0.415929467	1
Obesity	mast_cell	<i>CACNB4</i>	0.007284866	0.045968184	0.515395627	1
Obesity	mast_cell	<i>CALR</i>	-0.003168208	0.022846738	0.39038973	1
Obesity	mast_cell	<i>CAMK2N1</i>	0.009528586	0.035593677	0.474316865	1
Obesity	mast_cell	<i>CASP1</i>	-0.00569435	0.024474629	0.39858978	1
Obesity	mast_cell	<i>CCDC127</i>	0.020796732	6.70E-07	0.000500846	0.004006768
Obesity	mast_cell	<i>CCDC153</i>	-0.023155561	0.005844062	0.199370136	1
Obesity	mast_cell	<i>CCDC157</i>	0.014194632	0.004471439	0.177227417	1
Obesity	mast_cell	<i>CCDC40</i>	0.010513478	0.036041899	0.474316865	1
Obesity	mast_cell	<i>CCDC71L</i>	-0.009884132	0.027209268	0.416877925	1
Obesity	mast_cell	<i>CCDC74A</i>	0.023555759	0.034342402	0.472582388	1
Obesity	mast_cell	<i>CCDC9</i>	0.009174652	0.047381294	0.523914883	1
Obesity	mast_cell	<i>CCL19</i>	0.041631636	0.015422256	0.337594871	1
Obesity	mast_cell	<i>CCT8</i>	0.007138634	0.01732707	0.351562291	1
Obesity	mast_cell	<i>CD4</i>	-0.005051208	6.88E-05	0.017123973	0.410975361
Obesity	mast_cell	<i>CD46</i>	-0.002297883	0.043392994	0.510465619	1
Obesity	mast_cell	<i>CDC34</i>	0.017382974	0.010676067	0.275000762	1
Obesity	mast_cell	<i>CELSR1</i>	0.005830094	0.003446028	0.153682576	1
Obesity	mast_cell	<i>CENPO</i>	-0.012718541	0.002814565	0.13674668	1

Obesity	mast_cell	<i>CEP104</i>	0.004662865	0.029823244	0.441147791	1
Obesity	mast_cell	<i>CEP44</i>	0.007745274	3.22E-07	0.000275059	0.001925415
Obesity	mast_cell	<i>CEPT1</i>	-0.003813231	0.000800862	0.081358449	1
Obesity	mast_cell	<i>CERKL</i>	0.023823132	0.004736902	0.183816405	1
Obesity	mast_cell	<i>CERS5</i>	0.003013966	0.038367493	0.486526482	1
Obesity	mast_cell	<i>CHRNA7</i>	0.026220238	0.034403994	0.472582388	1
Obesity	mast_cell	<i>CHST1</i>	0.048591209	0.012451871	0.300049921	1
Obesity	mast_cell	<i>CHST8</i>	0.011887732	0.014641437	0.327541687	1
Obesity	mast_cell	<i>CHTA</i>	-0.001992536	0.007606027	0.220648617	1
Obesity	mast_cell	<i>CLEC12B</i>	0.028017217	0.00672541	0.209657661	1
Obesity	mast_cell	<i>CLEC1B</i>	0.024775795	0.001949507	0.110954777	1
Obesity	mast_cell	<i>CLNS1A</i>	0.004444905	0.009668995	0.254382925	1
Obesity	mast_cell	<i>CLSTN2</i>	0.003956261	0.023470858	0.393590929	1
Obesity	mast_cell	<i>CMBL</i>	0.011382246	0.00012052	0.02572245	0.720228602
Obesity	mast_cell	<i>CMTR2</i>	0.003465	0.042680375	0.50847758	1
Obesity	mast_cell	<i>CNTROB</i>	0.010682658	0.00172403	0.102814709	1
Obesity	mast_cell	<i>COG4</i>	-0.005016083	0.014688951	0.327541687	1
Obesity	mast_cell	<i>COL8A1</i>	0.003224467	0.039636907	0.491431861	1
Obesity	mast_cell	<i>COX4I2</i>	0.006066732	0.043598504	0.510485032	1
Obesity	mast_cell	<i>CPEB1</i>	0.014701691	0.005710099	0.19796092	1
Obesity	mast_cell	<i>CPNE3</i>	0.005139516	0.036213168	0.474316865	1
Obesity	mast_cell	<i>CPOX</i>	0.006111697	0.030845957	0.446226823	1
Obesity	mast_cell	<i>CPSF4L</i>	-0.039344522	0.045476048	0.514835764	1
Obesity	mast_cell	<i>CREB3L4</i>	0.017316232	0.006963102	0.212303564	1
Obesity	mast_cell	<i>CREM</i>	-0.00252476	0.017000963	0.34913318	1
Obesity	mast_cell	<i>CRHR2</i>	0.039946358	0.047164908	0.523898683	1
Obesity	mast_cell	<i>CSRNPI</i>	-0.019242561	0.001345513	0.090345873	1
Obesity	mast_cell	<i>CTSF</i>	0.008382339	0.02666505	0.413627792	1
Obesity	mast_cell	<i>CYP4F12</i>	0.012168011	0.024583783	0.399219258	1
Obesity	mast_cell	<i>CYP4F22</i>	-0.033463595	0.00751022	0.219571523	1
Obesity	mast_cell	<i>D2HGDH</i>	0.008556121	0.012169829	0.29684448	1
Obesity	mast_cell	<i>DAAM1</i>	-0.001811133	0.045458619	0.514835764	1
Obesity	mast_cell	<i>DBNDD2</i>	-0.037501495	0.003232591	0.148599731	1
Obesity	mast_cell	<i>DCBLD2</i>	0.004674611	0.005060884	0.192970674	1
Obesity	mast_cell	<i>DCHS1</i>	0.006448482	0.04431175	0.510841255	1
Obesity	mast_cell	<i>DCTN5</i>	0.007178065	0.041267463	0.500104153	1
Obesity	mast_cell	<i>DCXR</i>	0.007691889	0.012295641	0.29748482	1
Obesity	mast_cell	<i>DDX20</i>	-0.008731777	0.002795491	0.13674668	1
Obesity	mast_cell	<i>DDX52</i>	0.005017498	0.012856314	0.30487831	1
Obesity	mast_cell	<i>DDX56</i>	0.007154751	0.035005157	0.474316865	1
Obesity	mast_cell	<i>DMKN</i>	0.01850666	0.003870183	0.165201532	1
Obesity	mast_cell	<i>DNAH17</i>	-0.010214936	0.016840719	0.34913318	1
Obesity	mast_cell	<i>DNAH5</i>	0.012814448	0.001867569	0.107313364	1
Obesity	mast_cell	<i>DOCK6</i>	0.004345882	0.020253218	0.375552145	1
Obesity	mast_cell	<i>DTX1</i>	0.009609433	0.006359707	0.207396862	1
Obesity	mast_cell	<i>EIF2D</i>	0.012902614	0.0015656	0.097458605	1
Obesity	mast_cell	<i>ELP3</i>	0.005738166	3.13E-06	0.001168379	0.018694062
Obesity	mast_cell	<i>ENSA</i>	0.003004556	0.029799176	0.441147791	1
Obesity	mast_cell	<i>ENTPD5</i>	0.004246305	0.030851612	0.446226823	1
Obesity	mast_cell	<i>EP300</i>	-0.003508958	2.69E-05	0.008660875	0.160688796
Obesity	mast_cell	<i>EPB41L4A</i>	0.002449845	0.002423528	0.12485349	1
Obesity	mast_cell	<i>ERAP2</i>	-0.003755253	0.01208489	0.29642184	1

Obesity	mast_cell	<i>EXO5</i>	0.016945578	0.040858582	0.500104153	1
Obesity	mast_cell	<i>EXOC1</i>	0.002001116	0.046663355	0.520261586	1
Obesity	mast_cell	<i>EXOG</i>	-0.005275247	0.001288251	0.090345873	1
Obesity	mast_cell	<i>EXT2</i>	0.006388786	0.013245527	0.306836077	1
Obesity	mast_cell	<i>FAHD1</i>	-0.012816515	0.039109498	0.487929769	1
Obesity	mast_cell	<i>FAIM2</i>	0.013870772	0.013223144	0.306836077	1
Obesity	mast_cell	<i>FAM117B</i>	-0.003117592	0.041491389	0.500104153	1
Obesity	mast_cell	<i>FAM118A</i>	-0.009269688	0.001202945	0.089746694	1
Obesity	mast_cell	<i>FAM160A2</i>	0.008835099	0.001479141	0.095052196	1
Obesity	mast_cell	<i>FAM161A</i>	-0.015056854	0.048105467	0.52555443	1
Obesity	mast_cell	<i>FAM198A</i>	0.01993736	0.04771909	0.523914883	1
Obesity	mast_cell	<i>FAM213B</i>	0.019777565	0.01147897	0.285826359	1
Obesity	mast_cell	<i>FAM57A</i>	-0.016684018	0.019733447	0.371410799	1
Obesity	mast_cell	<i>FAM89A</i>	0.009490162	0.008392305	0.232187099	1
Obesity	mast_cell	<i>FAS</i>	-0.004650611	0.025725	0.411049729	1
Obesity	mast_cell	<i>FAXDC2</i>	0.003777816	0.035889605	0.474316865	1
Obesity	mast_cell	<i>FBN2</i>	0.013485188	0.000154596	0.029802096	0.923864976
Obesity	mast_cell	<i>FDPS</i>	0.005482575	0.036854403	0.47774818	1
Obesity	mast_cell	<i>FEZ2</i>	0.003100422	1.14E-05	0.004006391	0.068108647
Obesity	mast_cell	<i>FGF10</i>	0.005843162	0.019136268	0.366533135	1
Obesity	mast_cell	<i>FGFBP3</i>	0.020862745	0.000835958	0.081358449	1
Obesity	mast_cell	<i>FGFR1OP</i>	0.007867624	0.034166507	0.472582388	1
Obesity	mast_cell	<i>FGFR3</i>	0.039576205	0.007906176	0.224987178	1
Obesity	mast_cell	<i>FJX1</i>	-0.0300702	0.005198842	0.192970674	1
Obesity	mast_cell	<i>FKBP7</i>	0.008217304	0.044220488	0.510841255	1
Obesity	mast_cell	<i>FKRP</i>	-0.007751685	0.016338794	0.344520037	1
Obesity	mast_cell	<i>FLYWCHI</i>	0.004412862	0.049208763	0.52700998	1
Obesity	mast_cell	<i>FOLR3</i>	-0.024721922	0.015003308	0.330847845	1
Obesity	mast_cell	<i>FOXP2</i>	0.001903388	0.019684998	0.371410799	1
Obesity	mast_cell	<i>FRA10AC1</i>	-0.005651621	0.000831815	0.081358449	1
Obesity	mast_cell	<i>FRS3</i>	0.011334366	0.007314546	0.219571523	1
Obesity	mast_cell	<i>FTO</i>	0.001707009	0.042796049	0.50847758	1
Obesity	mast_cell	<i>FUT1</i>	0.024174369	0.044508493	0.510841255	1
Obesity	mast_cell	<i>FXYD5</i>	0.005031376	0.023573212	0.393590929	1
Obesity	mast_cell	<i>FXYD6</i>	0.024222863	4.88E-05	0.012710352	0.291506478
Obesity	mast_cell	<i>GABBR1</i>	-0.003892534	0.018516311	0.361612655	1
Obesity	mast_cell	<i>GABRR2</i>	-0.020661112	0.001334303	0.090345873	1
Obesity	mast_cell	<i>GAL</i>	-0.022306203	0.012080457	0.29642184	1
Obesity	mast_cell	<i>GALNS</i>	0.009124076	0.016964354	0.34913318	1
Obesity	mast_cell	<i>GAS2L1</i>	0.00859527	0.037188202	0.478265014	1
Obesity	mast_cell	<i>GAS2L2</i>	0.051327137	0.032529078	0.459626443	1
Obesity	mast_cell	<i>GDPD5</i>	0.009307765	0.007657128	0.221057956	1
Obesity	mast_cell	<i>GEN1</i>	0.007464558	0.008108535	0.227495794	1
Obesity	mast_cell	<i>GFMI</i>	0.005065229	0.005609185	0.19796092	1
Obesity	mast_cell	<i>GFPT1</i>	0.003330128	0.030235244	0.445287245	1
Obesity	mast_cell	<i>GGH</i>	0.016583982	0.017809932	0.355773604	1
Obesity	mast_cell	<i>GID8</i>	-0.005610857	0.006735989	0.209657661	1
Obesity	mast_cell	<i>GIMAP5</i>	0.011857493	0.000605742	0.068300272	1
Obesity	mast_cell	<i>GIMAP8</i>	0.003811789	0.001615249	0.098276906	1
Obesity	mast_cell	<i>GMCL1</i>	0.005324213	0.04286632	0.50847758	1
Obesity	mast_cell	<i>GMIP</i>	0.005783085	0.022172347	0.388218909	1
Obesity	mast_cell	<i>GMPS</i>	-0.004221954	0.006455123	0.207396862	1

Obesity	mast_cell	<i>GOLGA8M</i>	-0.0221766	0.007116345	0.215874499	1
Obesity	mast_cell	<i>GOLIM4</i>	0.004835462	0.02144846	0.384653178	1
Obesity	mast_cell	<i>GP1BA</i>	0.020528304	0.006366059	0.207396862	1
Obesity	mast_cell	<i>GPATCH2L</i>	-0.003358432	0.021113601	0.382357293	1
Obesity	mast_cell	<i>GPHN</i>	-0.001828957	0.019337591	0.368204607	1
Obesity	mast_cell	<i>GPN3</i>	-0.010738516	0.001026445	0.088424119	1
Obesity	mast_cell	<i>GPR158</i>	0.018938955	0.036430273	0.474316865	1
Obesity	mast_cell	<i>GPR17</i>	0.023559162	0.001247023	0.089746694	1
Obesity	mast_cell	<i>GPRIN1</i>	0.060007501	0.008569132	0.233831644	1
Obesity	mast_cell	<i>GRB14</i>	-0.015616363	0.01833651	0.361612655	1
Obesity	mast_cell	<i>GRIK2</i>	0.01898165	0.000494707	0.059127424	1
Obesity	mast_cell	<i>GRIN3B</i>	-0.036668513	0.019085779	0.366533135	1
Obesity	mast_cell	<i>GSTCD</i>	-0.004540553	0.025975792	0.412479673	1
Obesity	mast_cell	<i>GSTM5</i>	0.016820324	0.030913304	0.446226823	1
Obesity	mast_cell	<i>GSTP1</i>	0.005105787	0.003232007	0.148599731	1
Obesity	mast_cell	<i>GTF2H1</i>	-0.0042838	0.041874858	0.502498292	1
Obesity	mast_cell	<i>HAP1</i>	0.03962399	0.004768668	0.183855238	1
Obesity	mast_cell	<i>HDHD2</i>	0.021503455	0.000856499	0.081358449	1
Obesity	mast_cell	<i>HEATR4</i>	0.012680494	0.000456781	0.058079231	1
Obesity	mast_cell	<i>HEATR6</i>	0.010963787	0.000402327	0.052267545	1
Obesity	mast_cell	<i>HEMK1</i>	0.009939891	0.031509243	0.449430297	1
Obesity	mast_cell	<i>HEXDC</i>	-0.005872239	0.00032912	0.045740029	1
Obesity	mast_cell	<i>HLA-DMA</i>	0.004546282	0.004162614	0.171557107	1
Obesity	mast_cell	<i>HMGN2</i>	-0.006431123	0.030666389	0.446226823	1
Obesity	mast_cell	<i>HOXA4</i>	0.063535415	1.63E-08	4.87E-05	9.74E-05
Obesity	mast_cell	<i>HPN</i>	0.015189284	0.044326002	0.510841255	1
Obesity	mast_cell	<i>HSBP1L1</i>	0.015030046	9.71E-07	0.000644557	0.005801012
Obesity	mast_cell	<i>HSF2</i>	-0.005919226	0.026376246	0.413627792	1
Obesity	mast_cell	<i>HSPA12A</i>	-0.004099946	0.007532156	0.219571523	1
Obesity	mast_cell	<i>HTR7</i>	-0.006248308	0.016537433	0.34676386	1
Obesity	mast_cell	<i>IFT172</i>	0.007231459	0.004068013	0.169582986	1
Obesity	mast_cell	<i>IKZF5</i>	0.007478432	0.020901135	0.381063327	1
Obesity	mast_cell	<i>IL11RA</i>	0.01056059	0.000159667	0.029817794	0.954169419
Obesity	mast_cell	<i>IL4I1</i>	0.015193586	0.02117809	0.382357293	1
Obesity	mast_cell	<i>ILDR1</i>	0.038543964	0.048602963	0.52700998	1
Obesity	mast_cell	<i>IMPA2</i>	-0.008942426	0.000144484	0.029773642	0.863435606
Obesity	mast_cell	<i>INCA1</i>	0.022509976	0.00050863	0.05959946	1
Obesity	mast_cell	<i>INPP1</i>	0.010417238	0.005871677	0.199370136	1
Obesity	mast_cell	<i>INTS8</i>	-0.004507892	0.005082308	0.192970674	1
Obesity	mast_cell	<i>IRF2BPL</i>	0.013456746	0.049164625	0.52700998	1
Obesity	mast_cell	<i>ITGB6</i>	-0.024005931	0.006324985	0.207396862	1
Obesity	mast_cell	<i>IZUMO1</i>	0.032435821	0.024834007	0.401102769	1
Obesity	mast_cell	<i>JAKMIP3</i>	0.055130374	0.000481132	0.058678466	1
Obesity	mast_cell	<i>JKAMP</i>	0.005575657	0.006672612	0.209657661	1
Obesity	mast_cell	<i>JMJD8</i>	0.013313196	0.026021559	0.412479673	1
Obesity	mast_cell	<i>KANSL2</i>	-0.007640237	0.02621451	0.413345408	1
Obesity	mast_cell	<i>KCNAB3</i>	0.042157954	0.001484767	0.095052196	1
Obesity	mast_cell	<i>KCNC3</i>	0.018865898	0.034478902	0.472582388	1
Obesity	mast_cell	<i>KCNK1</i>	0.011978263	0.013255543	0.306836077	1
Obesity	mast_cell	<i>KCNS3</i>	0.01032988	0.043768085	0.510485032	1
Obesity	mast_cell	<i>KCTD5</i>	0.013416676	0.030876782	0.446226823	1
Obesity	mast_cell	<i>KHDC1</i>	0.01493329	2.23E-06	0.000950226	0.013303165

Obesity	mast_cell	<i>KIAA0825</i>	0.002235586	0.025993614	0.412479673	1
Obesity	mast_cell	<i>KIAA1211</i>	0.014351364	0.00777076	0.222191672	1
Obesity	mast_cell	<i>KLHL29</i>	0.002231499	0.039598576	0.491431861	1
Obesity	mast_cell	<i>KLRC4</i>	0.012942412	0.04369354	0.510485032	1
Obesity	mast_cell	<i>KPNA6</i>	0.006822098	4.89E-05	0.012710352	0.292338101
Obesity	mast_cell	<i>KRIT1</i>	0.003309792	0.034387506	0.472582388	1
Obesity	mast_cell	<i>L3MBTL4</i>	0.001818314	0.026658606	0.413627792	1
Obesity	mast_cell	<i>LAMA4</i>	0.001210658	0.014502915	0.325824883	1
Obesity	mast_cell	<i>LAMB1</i>	0.003007669	0.026622778	0.413627792	1
Obesity	mast_cell	<i>LANCL1</i>	0.003956603	0.023221911	0.392017343	1
Obesity	mast_cell	<i>LARP7</i>	-0.003515469	0.035385018	0.474316865	1
Obesity	mast_cell	<i>LAYN</i>	-0.008921611	0.004671002	0.183644133	1
Obesity	mast_cell	<i>LDLRAD2</i>	-0.009241155	0.0252818	0.407234593	1
Obesity	mast_cell	<i>LHCGR</i>	-0.022308119	0.007699188	0.221203582	1
Obesity	mast_cell	<i>LIAS</i>	0.006892621	0.016940904	0.34913318	1
Obesity	mast_cell	<i>LIN52</i>	0.005640609	0.005115182	0.192970674	1
Obesity	mast_cell	<i>LINC00640</i>	0.049910875	0.00046957	0.058461461	1
Obesity	mast_cell	<i>LINC00648</i>	0.008922238	0.021351196	0.384321526	1
Obesity	mast_cell	<i>LINC00662</i>	0.006376016	0.018070814	0.358774696	1
Obesity	mast_cell	<i>LINC00865</i>	-0.012066931	0.012656173	0.302533165	1
Obesity	mast_cell	<i>LINC00920</i>	-0.035197067	0.00744233	0.219571523	1
Obesity	mast_cell	<i>LINC01068</i>	-0.028085529	0.04167644	0.501123555	1
Obesity	mast_cell	<i>LINC01140</i>	0.018454746	0.011231863	0.284413613	1
Obesity	mast_cell	<i>LIPC</i>	0.007684625	0.040956699	0.500104153	1
Obesity	mast_cell	<i>LMAN1</i>	-0.004228239	0.004301737	0.17487877	1
Obesity	mast_cell	<i>LMAN2L</i>	0.005759334	0.005592873	0.19796092	1
Obesity	mast_cell	<i>LNPEP</i>	-0.00246214	0.018500327	0.361612655	1
Obesity	mast_cell	<i>LONP2</i>	-0.004163605	0.009430287	0.250468418	1
Obesity	mast_cell	<i>LONRF1</i>	0.006277852	0.000218622	0.034381181	1
Obesity	mast_cell	<i>LRRC27</i>	0.011190437	0.002667931	0.131884325	1
Obesity	mast_cell	<i>LRRC39</i>	0.009612408	0.005586178	0.19796092	1
Obesity	mast_cell	<i>LTF</i>	0.020014352	0.020915122	0.381063327	1
Obesity	mast_cell	<i>LURAP1</i>	0.017582185	0.002912543	0.140365765	1
Obesity	mast_cell	<i>LXN</i>	-0.005519367	0.035258934	0.474316865	1
Obesity	mast_cell	<i>LYRM4</i>	0.009398774	0.002614915	0.131884325	1
Obesity	mast_cell	<i>MAG</i>	-0.082647428	0.013145507	0.306836077	1
Obesity	mast_cell	<i>MALRD1</i>	0.006865909	0.018439175	0.361612655	1
Obesity	mast_cell	<i>MAN2C1</i>	0.004258914	0.020874679	0.381063327	1
Obesity	mast_cell	<i>MAPK4</i>	-0.01359782	0.035168616	0.474316865	1
Obesity	mast_cell	<i>MCM8</i>	0.010656573	0.031511261	0.449430297	1
Obesity	mast_cell	<i>MEST</i>	-0.00307009	0.032107739	0.456847252	1
Obesity	mast_cell	<i>METAP1</i>	0.009164801	0.024724474	0.400415875	1
Obesity	mast_cell	<i>MFN1</i>	0.003838895	0.03908377	0.487929769	1
Obesity	mast_cell	<i>MFSD5</i>	0.013681868	0.008537318	0.233831644	1
Obesity	mast_cell	<i>MGAT3</i>	-0.011860774	0.024156332	0.397681106	1
Obesity	mast_cell	<i>MIAT</i>	-0.008404523	0.000755111	0.079167377	1
Obesity	mast_cell	<i>MLF1</i>	-0.010150757	0.000364484	0.049503505	1
Obesity	mast_cell	<i>MLIP</i>	-0.017230923	0.019126904	0.366533135	1
Obesity	mast_cell	<i>MMP16</i>	0.003020182	0.033477757	0.467437098	1
Obesity	mast_cell	<i>MMP27</i>	0.016175344	0.011290919	0.284702666	1
Obesity	mast_cell	<i>MOB1A</i>	-0.003943873	0.008218089	0.22949206	1
Obesity	mast_cell	<i>MOV10L1</i>	-0.009813953	0.049099592	0.52700998	1

Obesity	mast_cell	<i>MPV17L</i>	0.034836868	0.017389318	0.351562291	1
Obesity	mast_cell	<i>MPZL3</i>	-0.004601682	0.038012834	0.484646834	1
Obesity	mast_cell	<i>MRO</i>	-0.042476752	0.017413393	0.351562291	1
Obesity	mast_cell	<i>MRPL18</i>	-0.009601328	0.002128491	0.112565142	1
Obesity	mast_cell	<i>MRPL42</i>	0.006730271	0.007417565	0.219571523	1
Obesity	mast_cell	<i>MRPL52</i>	-0.00803153	0.000391965	0.052053017	1
Obesity	mast_cell	<i>MTG2</i>	0.006313709	0.047614336	0.523914883	1
Obesity	mast_cell	<i>MTMR6</i>	0.009414854	0.027401396	0.417731485	1
Obesity	mast_cell	<i>MYH3</i>	-0.024584805	0.027275647	0.416877925	1
Obesity	mast_cell	<i>MYO6</i>	-0.003652256	0.00629994	0.207396862	1
Obesity	mast_cell	<i>MYOC</i>	0.005023373	0.034740781	0.474316865	1
Obesity	mast_cell	<i>NAGS</i>	0.004376411	0.035891012	0.474316865	1
Obesity	mast_cell	<i>NARS</i>	0.003433809	0.015660346	0.339302666	1
Obesity	mast_cell	<i>NBN</i>	-0.00486979	0.004086337	0.169582986	1
Obesity	mast_cell	<i>NBPF3</i>	-0.008819767	0.015228131	0.33457099	1
Obesity	mast_cell	<i>NBR1</i>	-0.004357058	0.030425671	0.446226823	1
Obesity	mast_cell	<i>NDUFA6</i>	-0.009301027	0.001164785	0.089746694	1
Obesity	mast_cell	<i>NDUFAF4</i>	-0.012234484	8.40E-08	0.000105621	0.000501866
Obesity	mast_cell	<i>NDUFS1</i>	-0.005397225	4.87E-05	0.012710352	0.290867201
Obesity	mast_cell	<i>NECAP2</i>	0.006659359	0.037214396	0.478265014	1
Obesity	mast_cell	<i>NFYA</i>	0.004387352	0.022444973	0.388218909	1
Obesity	mast_cell	<i>NIPA2</i>	-0.007042427	0.003151988	0.148214102	1
Obesity	mast_cell	<i>NIPAL1</i>	0.00288972	0.044536194	0.510841255	1
Obesity	mast_cell	<i>NLRP2</i>	-0.013095209	0.023710549	0.393595114	1
Obesity	mast_cell	<i>NLRP6</i>	-0.033185783	0.014744223	0.32755196	1
Obesity	mast_cell	<i>NOL6</i>	0.014014365	0.021938033	0.388218909	1
Obesity	mast_cell	<i>NOTCH2NL</i>	0.061440055	0.011379205	0.285723228	1
Obesity	mast_cell	<i>NPAT</i>	0.004591413	0.001982246	0.111753794	1
Obesity	mast_cell	<i>NPC1L1</i>	-0.022061846	0.039076656	0.487929769	1
Obesity	mast_cell	<i>NPHP4</i>	0.012872868	0.001080519	0.089683038	1
Obesity	mast_cell	<i>NQO2</i>	0.004981257	0.047867725	0.523914883	1
Obesity	mast_cell	<i>NUDT2</i>	0.010541269	0.003802872	0.164680909	1
Obesity	mast_cell	<i>ODF2</i>	0.003703929	0.032941702	0.463757208	1
Obesity	mast_cell	<i>OLR1</i>	0.027703092	0.003271106	0.149222366	1
Obesity	mast_cell	<i>ORMDL3</i>	-0.009716502	0.013119882	0.306836077	1
Obesity	mast_cell	<i>OXCT1</i>	-0.003832617	0.043821757	0.510485032	1
Obesity	mast_cell	<i>PAFAH2</i>	0.00628072	0.020298417	0.375552145	1
Obesity	mast_cell	<i>PAK4</i>	0.00575305	0.045201033	0.514835764	1
Obesity	mast_cell	<i>PARD3</i>	0.000932772	0.035383776	0.474316865	1
Obesity	mast_cell	<i>PASK</i>	-0.011672032	0.035124115	0.474316865	1
Obesity	mast_cell	<i>PAWR</i>	-0.001992739	0.0473321	0.523914883	1
Obesity	mast_cell	<i>PCDHGA1</i>	0.036877145	0.026716922	0.413627792	1
Obesity	mast_cell	<i>PCGF3</i>	0.004281775	0.045809225	0.514835764	1
Obesity	mast_cell	<i>PCYOX1L</i>	-0.009619947	0.011047552	0.282137488	1
Obesity	mast_cell	<i>PDCD10</i>	0.003838533	0.002083187	0.112154302	1
Obesity	mast_cell	<i>PDCD1LG2</i>	0.009616812	0.022542162	0.388218909	1
Obesity	mast_cell	<i>PEX11G</i>	-0.021986081	0.003595882	0.158007298	1
Obesity	mast_cell	<i>PGS1</i>	-0.00541382	0.009650164	0.254382925	1
Obesity	mast_cell	<i>PHACTR2</i>	-0.001819852	0.027762548	0.422160265	1
Obesity	mast_cell	<i>PHACTR3</i>	-0.029027636	0.01385616	0.316677899	1
Obesity	mast_cell	<i>PHC1</i>	0.016087202	0.005588584	0.19796092	1
Obesity	mast_cell	<i>PHYHD1</i>	0.00734502	0.022453838	0.388218909	1

Obesity	mast_cell	<i>PII6</i>	0.003162382	0.001543574	0.097098901	1
Obesity	mast_cell	<i>PIP4K2B</i>	0.01432648	0.003319435	0.150279857	1
Obesity	mast_cell	<i>PLA2G4B</i>	-0.038979129	0.039089265	0.487929769	1
Obesity	mast_cell	<i>PLEKHA6</i>	0.011401276	0.001021236	0.088424119	1
Obesity	mast_cell	<i>PLEKHJ1</i>	-0.00817342	0.0121029	0.29642184	1
Obesity	mast_cell	<i>PLRG1</i>	0.007679611	0.000171183	0.029852434	1
Obesity	mast_cell	<i>PNLDC1</i>	-0.053181822	0.018922243	0.366533135	1
Obesity	mast_cell	<i>PNP</i>	-0.015112074	0.005420689	0.197524623	1
Obesity	mast_cell	<i>POC5</i>	0.006242049	0.000151281	0.029802096	0.904056205
Obesity	mast_cell	<i>POLE</i>	0.007938036	0.001737665	0.102814709	1
Obesity	mast_cell	<i>PPIP5K2</i>	0.002856459	0.018877579	0.366533135	1
Obesity	mast_cell	<i>PPMIN</i>	-0.010812002	0.022683325	0.389527452	1
Obesity	mast_cell	<i>PPP4R4</i>	-0.030145727	0.02081446	0.381063327	1
Obesity	mast_cell	<i>PRR12</i>	0.007913593	0.021603678	0.385383819	1
Obesity	mast_cell	<i>PRSS27</i>	-0.080500816	0.036290932	0.474316865	1
Obesity	mast_cell	<i>PRTN3</i>	-0.005534477	0.006576252	0.209040866	1
Obesity	mast_cell	<i>PSMA4</i>	0.007942885	0.007436353	0.219571523	1
Obesity	mast_cell	<i>PSMD13</i>	-0.004092225	0.036172986	0.474316865	1
Obesity	mast_cell	<i>PSPH</i>	0.006740064	0.023205457	0.392017343	1
Obesity	mast_cell	<i>PTER</i>	0.00422892	0.016825215	0.34913318	1
Obesity	mast_cell	<i>PTGR2</i>	-0.011805422	0.022183596	0.388218909	1
Obesity	mast_cell	<i>QRSL1</i>	-0.006356148	0.012589891	0.302157379	1
Obesity	mast_cell	<i>RAB13</i>	0.011192199	0.001147971	0.089746694	1
Obesity	mast_cell	<i>RAB24</i>	-0.019837278	0.002306653	0.119865716	1
Obesity	mast_cell	<i>RAB2A</i>	0.002660441	0.048371662	0.526966833	1
Obesity	mast_cell	<i>RAB38</i>	-0.007124159	0.005593825	0.19796092	1
Obesity	mast_cell	<i>RAB3C</i>	0.007702315	0.024307142	0.397971172	1
Obesity	mast_cell	<i>RABL3</i>	-0.003748172	0.045754893	0.514835764	1
Obesity	mast_cell	<i>RALGAPA1</i>	0.00171455	0.006174149	0.206674361	1
Obesity	mast_cell	<i>RAPGEF6</i>	0.011161146	0.001225383	0.089746694	1
Obesity	mast_cell	<i>RASAL2-ASI</i>	0.035882025	0.002967704	0.141880011	1
Obesity	mast_cell	<i>RASL11A</i>	-0.009505845	0.045563613	0.514835764	1
Obesity	mast_cell	<i>RBBP4</i>	0.003885651	0.015763583	0.339302666	1
Obesity	mast_cell	<i>RBFA</i>	-0.007360239	0.007334163	0.219571523	1
Obesity	mast_cell	<i>RFC3</i>	0.005046278	0.016259713	0.344520037	1
Obesity	mast_cell	<i>RFX8</i>	0.021640468	0.000243126	0.03632309	1
Obesity	mast_cell	<i>RGP1</i>	-0.007549243	0.021975468	0.388218909	1
Obesity	mast_cell	<i>RHNO1</i>	0.016701726	0.043281167	0.51015435	1
Obesity	mast_cell	<i>RICTOR</i>	-0.001283542	0.031049807	0.447117216	1
Obesity	mast_cell	<i>RIPK1</i>	0.005369028	2.54E-06	0.00101317	0.015197551
Obesity	mast_cell	<i>RIPK4</i>	0.004342689	0.049171213	0.52700998	1
Obesity	mast_cell	<i>RNASE6</i>	-0.009298676	0.04108217	0.500104153	1
Obesity	mast_cell	<i>RNASEK</i>	0.005437841	0.00516104	0.192970674	1
Obesity	mast_cell	<i>RNF114</i>	-0.008764073	0.000101099	0.022376662	0.604169879
Obesity	mast_cell	<i>ROBO3</i>	0.005939048	0.003927459	0.166457409	1
Obesity	mast_cell	<i>RPS10</i>	0.028531184	0.000186591	0.030974118	1
Obesity	mast_cell	<i>RPS6KB1</i>	-0.003656923	0.035337828	0.474316865	1
Obesity	mast_cell	<i>RPUSD3</i>	-0.004928085	0.030623912	0.446226823	1
Obesity	mast_cell	<i>RSRC1</i>	0.001808085	0.048641997	0.52700998	1
Obesity	mast_cell	<i>RXRG</i>	-0.032523458	0.043015222	0.509027659	1
Obesity	mast_cell	<i>SI00A3</i>	-0.142495975	2.75E-05	0.008660875	0.16455663
Obesity	mast_cell	<i>SI00B</i>	-0.005751128	0.04581829	0.514835764	1

Obesity	mast_cell	<i>SAP130</i>	0.00567481	0.037477779	0.480616319	1
Obesity	mast_cell	<i>SBDS</i>	0.009724354	0.01553301	0.338778353	1
Obesity	mast_cell	<i>SBF2</i>	0.001309491	0.008088623	0.227495794	1
Obesity	mast_cell	<i>SCGB3A1</i>	-0.10946588	0.00052974	0.06087931	1
Obesity	mast_cell	<i>SDHA</i>	0.004611402	0.002055904	0.112154302	1
Obesity	mast_cell	<i>SEC14L1</i>	-0.001520072	0.041466602	0.500104153	1
Obesity	mast_cell	<i>SEC62</i>	0.003880627	0.001628081	0.098276906	1
Obesity	mast_cell	<i>SENP6</i>	0.002034865	0.00904026	0.243354023	1
Obesity	mast_cell	<i>SERF1B</i>	-0.107674436	0.001037883	0.088424119	1
Obesity	mast_cell	<i>SERGEF</i>	0.003657084	0.011110854	0.282546646	1
Obesity	mast_cell	<i>SERPINC1</i>	0.077563829	1.37E-06	0.000819627	0.008196273
Obesity	mast_cell	<i>SERPIND1</i>	0.012768034	0.046426859	0.51859235	1
Obesity	mast_cell	<i>SFII</i>	0.003644435	0.010944843	0.280714078	1
Obesity	mast_cell	<i>SH2D3A</i>	-0.016950881	2.18E-06	0.000950226	0.013052044
Obesity	mast_cell	<i>SH3YL1</i>	0.006022632	0.020165815	0.375423405	1
Obesity	mast_cell	<i>SHC2</i>	0.010578159	0.017860121	0.355773604	1
Obesity	mast_cell	<i>SHISA4</i>	-0.060631987	0.001197042	0.089746694	1
Obesity	mast_cell	<i>SIM2</i>	0.038989642	0.031400213	0.449430297	1
Obesity	mast_cell	<i>SKIV2L2</i>	-0.003805169	0.001495132	0.095052196	1
Obesity	mast_cell	<i>SLC17A5</i>	0.008471488	0.001236509	0.089746694	1
Obesity	mast_cell	<i>SLC22A5</i>	0.007446418	0.038116468	0.484646834	1
Obesity	mast_cell	<i>SLC25A17</i>	-0.009318996	0.014376507	0.325431849	1
Obesity	mast_cell	<i>SLC25A23</i>	-0.015300022	0.014067377	0.31964503	1
Obesity	mast_cell	<i>SLC25A32</i>	0.004422713	0.047794856	0.523914883	1
Obesity	mast_cell	<i>SLC26A4</i>	-0.013945572	0.001037954	0.088424119	1
Obesity	mast_cell	<i>SLC26A5</i>	0.003808024	0.017530894	0.352742833	1
Obesity	mast_cell	<i>SLC27A6</i>	0.024885566	0.000273263	0.039829724	1
Obesity	mast_cell	<i>SLC39A12</i>	-0.026455063	0.001613814	0.098276906	1
Obesity	mast_cell	<i>SLC5A11</i>	0.010961788	0.017607922	0.353103835	1
Obesity	mast_cell	<i>SLFN12</i>	0.00873405	0.0266632	0.413627792	1
Obesity	mast_cell	<i>SMAD5</i>	0.003034235	0.04841111	0.526966833	1
Obesity	mast_cell	<i>SMARCAL1</i>	-0.004339788	0.005184996	0.192970674	1
Obesity	mast_cell	<i>SPRN</i>	-0.017286696	0.000753444	0.079167377	1
Obesity	mast_cell	<i>SPRTN</i>	0.004853337	0.035714457	0.474316865	1
Obesity	mast_cell	<i>SSU72</i>	0.008076483	0.014836381	0.328378568	1
Obesity	mast_cell	<i>ST20</i>	0.026001245	0.045485433	0.514835764	1
Obesity	mast_cell	<i>STAM2</i>	0.003013316	0.005763922	0.19796092	1
Obesity	mast_cell	<i>STAP2</i>	0.013131786	0.023778574	0.393630905	1
Obesity	mast_cell	<i>STEAP3</i>	0.022106354	0.000648433	0.071759916	1
Obesity	mast_cell	<i>STRN4</i>	0.010055039	0.002104251	0.112276807	1
Obesity	mast_cell	<i>STX18</i>	0.003860844	0.035858003	0.474316865	1
Obesity	mast_cell	<i>SVEP1</i>	0.002030752	0.028168393	0.424015906	1
Obesity	mast_cell	<i>SYDE1</i>	-0.021181666	0.007951974	0.225217999	1
Obesity	mast_cell	<i>SYT7</i>	0.019373365	0.035496749	0.474316865	1
Obesity	mast_cell	<i>TAX1BP3</i>	-0.016713177	0.041262514	0.500104153	1
Obesity	mast_cell	<i>TBC1D9B</i>	0.006157449	0.023654781	0.393595114	1
Obesity	mast_cell	<i>TBCD</i>	-0.003573267	0.016372773	0.344520037	1
Obesity	mast_cell	<i>TBL2</i>	-0.013052247	0.001311273	0.090345873	1
Obesity	mast_cell	<i>TBP</i>	0.009320549	0.037596793	0.481110144	1
Obesity	mast_cell	<i>TCHH</i>	0.029068418	0.038744335	0.487929769	1
Obesity	mast_cell	<i>TDRD5</i>	0.029889012	0.033476025	0.467437098	1
Obesity	mast_cell	<i>TFPT</i>	0.020029263	0.022864191	0.39038973	1

Obesity	mast_cell	<i>THAP3</i>	0.005396828	0.046852735	0.521400267	1
Obesity	mast_cell	<i>TIGD1</i>	-0.011071441	0.004478136	0.177227417	1
Obesity	mast_cell	<i>TK2</i>	0.005909815	0.038867101	0.487929769	1
Obesity	mast_cell	<i>TMC1</i>	-0.009564978	0.027203837	0.416877925	1
Obesity	mast_cell	<i>TMED8</i>	0.004465794	0.037098692	0.478265014	1
Obesity	mast_cell	<i>TMEM110</i>	0.028582789	0.049765671	0.530124154	1
Obesity	mast_cell	<i>TMEM165</i>	-0.002271148	0.01815521	0.359256748	1
Obesity	mast_cell	<i>TMEM176A</i>	0.015022371	0.024478321	0.39858978	1
Obesity	mast_cell	<i>TMEM177</i>	-0.009413754	0.036838244	0.47774818	1
Obesity	mast_cell	<i>TMEM184B</i>	-0.005474634	0.003065782	0.145405654	1
Obesity	mast_cell	<i>TMEM206</i>	-0.01376741	7.18E-08	0.000105621	0.000429325
Obesity	mast_cell	<i>TMEM222</i>	-0.012725798	0.039411565	0.490673982	1
Obesity	mast_cell	<i>TMEM241</i>	0.003562172	0.011456189	0.285826359	1
Obesity	mast_cell	<i>TMEM260</i>	0.002519451	0.012761009	0.303823873	1
Obesity	mast_cell	<i>TMEM50B</i>	-0.007004174	0.0002004	0.032367239	1
Obesity	mast_cell	<i>TNPO2</i>	0.003209139	0.048889807	0.52700998	1
Obesity	mast_cell	<i>TOMIL1</i>	-0.003677126	0.03810672	0.484646834	1
Obesity	mast_cell	<i>TOMIL2</i>	0.002758868	0.027004791	0.415929467	1
Obesity	mast_cell	<i>TONSL</i>	-0.013256802	0.0349173	0.474316865	1
Obesity	mast_cell	<i>TOR1B</i>	-0.015769387	0.021498354	0.384653178	1
Obesity	mast_cell	<i>TPCN2</i>	-0.008112134	0.043800209	0.510485032	1
Obesity	mast_cell	<i>TRAPPC5</i>	0.017363314	0.033701268	0.469461018	1
Obesity	mast_cell	<i>TREML4</i>	0.008551621	0.01685674	0.34913318	1
Obesity	mast_cell	<i>TRIM29</i>	0.034104974	0.006190547	0.206674361	1
Obesity	mast_cell	<i>TRIM4</i>	0.004880227	0.023399879	0.393590929	1
Obesity	mast_cell	<i>TRIM7</i>	-0.01704279	0.017180351	0.350408806	1
Obesity	mast_cell	<i>TRIP10</i>	0.004015107	0.019888128	0.371410799	1
Obesity	mast_cell	<i>TRMT44</i>	-0.006748117	0.025368998	0.407540674	1
Obesity	mast_cell	<i>TRNT1</i>	0.004400215	0.00571671	0.19796092	1
Obesity	mast_cell	<i>TRUB1</i>	0.010147171	0.002670349	0.131884325	1
Obesity	mast_cell	<i>TSLP</i>	-0.019216014	0.01578416	0.339302666	1
Obesity	mast_cell	<i>TSPAN33</i>	0.00822594	0.047586973	0.523914883	1
Obesity	mast_cell	<i>TSSK3</i>	0.018573141	0.013094792	0.306836077	1
Obesity	mast_cell	<i>TTC3</i>	0.002326623	0.026620427	0.413627792	1
Obesity	mast_cell	<i>TUBB8</i>	0.01844061	0.021166786	0.382357293	1
Obesity	mast_cell	<i>TULP1</i>	-0.023173868	0.009978178	0.259436326	1
Obesity	mast_cell	<i>TUSC1</i>	-0.011954702	0.031346197	0.449430297	1
Obesity	mast_cell	<i>TXNL4A</i>	0.011763176	2.01E-06	0.000950226	0.012036976
Obesity	mast_cell	<i>UBE2G2</i>	0.00466089	0.032292482	0.4583845	1
Obesity	mast_cell	<i>UBQLNL</i>	-0.062408345	0.028151186	0.424015906	1
Obesity	mast_cell	<i>UCP2</i>	0.003835676	0.039735216	0.491630751	1
Obesity	mast_cell	<i>UCP3</i>	0.052815466	0.003959609	0.166638209	1
Obesity	mast_cell	<i>ULK3</i>	0.006559971	0.022089085	0.388218909	1
Obesity	mast_cell	<i>USMG5</i>	-0.008650208	0.009984999	0.259436326	1
Obesity	mast_cell	<i>USP49</i>	0.008779173	1.90E-07	0.000189695	0.00113817
Obesity	mast_cell	<i>USP53</i>	0.001785754	0.045832099	0.514835764	1
Obesity	mast_cell	<i>UTS2</i>	0.025880596	0.000100743	0.022376662	0.602041179
Obesity	mast_cell	<i>VARs2</i>	-0.016891745	0.026157954	0.413345408	1
Obesity	mast_cell	<i>VDAC2</i>	-0.014847252	0.021676444	0.385531034	1
Obesity	mast_cell	<i>VPS28</i>	-0.011476058	0.00016708	0.029852434	0.998469244
Obesity	mast_cell	<i>VPS29</i>	0.00398947	0.000237966	0.03632309	1
Obesity	mast_cell	<i>VPS37D</i>	0.038583848	0.018983456	0.366533135	1

Obesity	mast_cell	<i>VPS52</i>	0.012640587	0.00110242	0.089746694	1
Obesity	mast_cell	<i>WDR11</i>	0.004039314	0.001423686	0.094532758	1
Obesity	mast_cell	<i>WDR31</i>	0.013151793	0.003836943	0.16496094	1
Obesity	mast_cell	<i>WDR35</i>	-0.005175702	0.041467949	0.500104153	1
Obesity	mast_cell	<i>WDR73</i>	0.003786955	0.04060567	0.499299355	1
Obesity	mast_cell	<i>WDSUB1</i>	0.005051409	0.03346548	0.467437098	1
Obesity	mast_cell	<i>XPNPEP3</i>	-0.00510201	0.033950895	0.471838491	1
Obesity	mast_cell	<i>XRRAl</i>	-0.004742132	0.000823857	0.081358449	1
Obesity	mast_cell	<i>ZC3H12C</i>	-0.00435469	0.002221408	0.116448566	1
Obesity	mast_cell	<i>ZC3H8</i>	-0.003962809	0.023578573	0.393590929	1
Obesity	mast_cell	<i>ZDHHC21</i>	0.00340423	0.006953027	0.212303564	1
Obesity	mast_cell	<i>ZFAND4</i>	0.006519294	0.024138294	0.397681106	1
Obesity	mast_cell	<i>ZFP41</i>	0.026273139	0.029114186	0.434965933	1
Obesity	mast_cell	<i>ZFP90</i>	-0.007589301	0.0012615	0.089746694	1
Obesity	mast_cell	<i>ZKSCAN1</i>	0.004521097	0.006557943	0.209040866	1
Obesity	mast_cell	<i>ZNF135</i>	0.008379892	0.041507975	0.500104153	1
Obesity	mast_cell	<i>ZNF14</i>	0.007718393	0.011584186	0.287249357	1
Obesity	mast_cell	<i>ZNF165</i>	-0.028241765	0.040167794	0.49595607	1
Obesity	mast_cell	<i>ZNF212</i>	-0.008057252	0.032533799	0.459626443	1
Obesity	mast_cell	<i>ZNF223</i>	0.079506114	1.36E-08	4.87E-05	8.15E-05
Obesity	mast_cell	<i>ZNF253</i>	0.005133789	0.040544834	0.499299355	1
Obesity	mast_cell	<i>ZNF354C</i>	0.005466492	0.019346761	0.368204607	1
Obesity	mast_cell	<i>ZNF385C</i>	0.017611408	0.014454237	0.325824883	1
Obesity	mast_cell	<i>ZNF436</i>	0.015669121	0.006064631	0.204758405	1
Obesity	mast_cell	<i>ZNF454</i>	0.022631305	0.004447474	0.177227417	1
Obesity	mast_cell	<i>ZNF492</i>	-0.035190907	0.023077652	0.392017343	1
Obesity	mast_cell	<i>ZNF575</i>	0.0173697	0.036430964	0.474316865	1
Obesity	mast_cell	<i>ZNF592</i>	-0.004360277	0.046387361	0.51859235	1
Obesity	mast_cell	<i>ZNF608</i>	0.002859966	0.030757673	0.446226823	1
Obesity	mast_cell	<i>ZNF646</i>	-0.016558712	0.001134532	0.089746694	1
Obesity	mast_cell	<i>ZNF669</i>	0.024764295	0.004371332	0.176507301	1
Obesity	mast_cell	<i>ZNF714</i>	0.005507509	0.005748584	0.19796092	1
Obesity	mast_cell	<i>ZNF747</i>	0.016169235	0.02977955	0.441147791	1
Obesity	mast_cell	<i>ZNF781</i>	0.01659162	0.042883651	0.50847758	1
Obesity	mast_cell	<i>ZSWIM5</i>	0.005638379	0.038550593	0.48705781	1
Obesity	mast_cell	<i>C2orf72</i>	0.026804932	0.003561636	0.15766177	1
Obesity	mast_cell	<i>CYP2C9</i>	0.023696609	0.028733784	0.431439938	1
Obesity	mast_cell	<i>LINC01050</i>	0.024097068	0.022483026	0.388218909	1
Obesity	mast_cell	<i>LRRC10B</i>	-0.04512018	0.016145791	0.344520037	1
Obesity	mast_cell	<i>RPRML</i>	-0.011660409	0.001203871	0.089746694	1
Obesity	mast_cell	<i>TP53TG3D</i>	-0.052409793	0.030252112	0.445287245	1
Obesity	mast_cell	<i>OPN4</i>	-0.013691848	0.04494208	0.514509326	1
Obesity	mast_cell	<i>SI00A12</i>	0.100341736	3.49E-05	0.010440059	0.208801189
Obesity	mast_cell	<i>CYP7A1</i>	-0.068533627	0.044386686	0.510841255	1
Obesity	mast_cell	<i>KLHDC7A</i>	0.064005552	0.043247604	0.51015435	1
Obesity	mast_cell	<i>OR2AE1</i>	-0.005836603	0.006921991	0.212303564	1
Obesity	mast_cell	<i>URAD</i>	0.037717617	0.023146233	0.392017343	1
Obesity	mast_cell	<i>ADAD2</i>	-0.007687531	0.001770915	0.103754812	1
Obesity	mast_cell	<i>FOXI2</i>	-0.046234528	0.008309939	0.230977663	1
Obesity	mast_cell	<i>GOLGA8O</i>	-0.15027805	0.008612422	0.233944698	1
Obesity	mast_cell	<i>PDE6H</i>	0.011254408	0.002055168	0.112154302	1
Obesity	mast_cell	<i>TAC1</i>	0.133436676	0.008677037	0.234633367	1

Obesity	mast_cell	<i>CYP11A1</i>	0.019031381	0.001260209	0.089746694	1
Obesity	mast_cell	<i>KIF25-AS1</i>	0.00972062	0.022434633	0.388218909	1
Obesity	monocyte	<i>ABCB4</i>	-0.004989517	0.018838118	0.371715416	1
Obesity	monocyte	<i>ABCC8</i>	0.025353805	0.012910417	0.326058491	1
Obesity	monocyte	<i>ABCF3</i>	0.02457611	0.000739307	0.066940844	1
Obesity	monocyte	<i>AC006111.1</i>	0.049878395	0.000224088	0.036793401	1
Obesity	monocyte	<i>AC009060.1</i>	-0.016870271	0.030044726	0.458630883	1
Obesity	monocyte	<i>AC084018.1</i>	0.019163359	0.036732655	0.504630675	1
Obesity	monocyte	<i>AC092171.4</i>	-0.024619596	0.032522565	0.469149336	1
Obesity	monocyte	<i>AC108463.2</i>	0.022177099	0.006403001	0.216182687	1
Obesity	monocyte	<i>AC144652.1</i>	-0.015248537	0.045330944	0.535370987	1
Obesity	monocyte	<i>ACADS</i>	0.006456505	0.042345423	0.526841382	1
Obesity	monocyte	<i>ACBD5</i>	0.003394689	0.038292211	0.510050038	1
Obesity	monocyte	<i>ACE</i>	0.005486097	0.023340506	0.40373302	1
Obesity	monocyte	<i>ACOX1</i>	-0.007420398	5.30E-06	0.003961375	0.031691001
Obesity	monocyte	<i>ACTR3B</i>	-0.009308455	0.000791328	0.068535891	1
Obesity	monocyte	<i>ACTR8</i>	0.009080802	0.029285679	0.449900306	1
Obesity	monocyte	<i>ADHFE1</i>	0.004155159	0.016605073	0.35412812	1
Obesity	monocyte	<i>AGAP4</i>	0.015454061	0.014735045	0.335999607	1
Obesity	monocyte	<i>AGRN</i>	0.049411771	2.52E-11	1.51E-07	1.51E-07
Obesity	monocyte	<i>AHCYL2</i>	0.002186295	0.043059854	0.529538279	1
Obesity	monocyte	<i>AKAP10</i>	0.003256749	0.000285063	0.038326027	1
Obesity	monocyte	<i>ALDH5A1</i>	0.010619169	0.002445537	0.130486874	1
Obesity	monocyte	<i>ALS2CR12</i>	0.013417972	0.017223147	0.360592393	1
Obesity	monocyte	<i>AMT</i>	0.01023686	0.046243295	0.540292493	1
Obesity	monocyte	<i>ANKK1</i>	0.034894418	0.009336378	0.27084562	1
Obesity	monocyte	<i>ANKRD45</i>	0.048587576	4.27E-05	0.014160189	0.254883397
Obesity	monocyte	<i>ANKS1A</i>	0.0018046	0.017788672	0.360646009	1
Obesity	monocyte	<i>ANP32A</i>	-0.004217137	0.02216043	0.393591824	1
Obesity	monocyte	<i>AP2M1</i>	0.006921492	0.010955321	0.29227232	1
Obesity	monocyte	<i>AP2S1</i>	-0.010538666	0.003821694	0.160636104	1
Obesity	monocyte	<i>APEH</i>	0.010096338	0.009532253	0.273868965	1
Obesity	monocyte	<i>AQP3</i>	-0.012222907	0.015481718	0.341428935	1
Obesity	monocyte	<i>ARHGAP11A</i>	0.019575672	0.001256014	0.091830088	1
Obesity	monocyte	<i>ARHGDIG</i>	0.02716223	0.009844	0.278804478	1
Obesity	monocyte	<i>ARHGEF19</i>	-0.034979407	0.002513716	0.130625822	1
Obesity	monocyte	<i>ARIH2</i>	0.002704275	0.037618158	0.508611114	1
Obesity	monocyte	<i>ASIC3</i>	-0.123478525	1.92E-05	0.009572534	0.114870411
Obesity	monocyte	<i>ATF5</i>	0.016572666	0.000228963	0.036793401	1
Obesity	monocyte	<i>ATF6B</i>	0.006433944	0.011144999	0.293403147	1
Obesity	monocyte	<i>ATG10</i>	0.003806015	0.043207536	0.529538279	1
Obesity	monocyte	<i>ATP10B</i>	-0.019017837	0.002310638	0.126682337	1
Obesity	monocyte	<i>ATP13A1</i>	0.008040615	0.006557519	0.218639312	1
Obesity	monocyte	<i>ATP5O</i>	-0.009641691	0.041981241	0.524800325	1
Obesity	monocyte	<i>ATP6AP1L</i>	0.010239599	0.001106024	0.084738437	1
Obesity	monocyte	<i>ATR</i>	0.002954745	0.002310219	0.126682337	1
Obesity	monocyte	<i>ATXN3</i>	0.001664376	0.0416671	0.524800325	1
Obesity	monocyte	<i>AURKC</i>	-0.049632165	0.000167376	0.031257542	1
Obesity	monocyte	<i>BAHD1</i>	0.012744183	6.59E-06	0.004376412	0.039387706
Obesity	monocyte	<i>BANF1</i>	0.021689026	0.000386656	0.039838937	1
Obesity	monocyte	<i>BCO2</i>	0.013481764	0.005989317	0.210542102	1
Obesity	monocyte	<i>BDH1</i>	0.008934104	0.003222884	0.151262474	1

Obesity	monocyte	<i>BRAT1</i>	-0.004412792	0.015317575	0.34030476	1
Obesity	monocyte	<i>BROX</i>	-0.008172913	0.007868279	0.24688244	1
Obesity	monocyte	<i>BST2</i>	-0.002858349	0.036940932	0.506327999	1
Obesity	monocyte	<i>BTBD16</i>	0.01971832	0.043950467	0.529538279	1
Obesity	monocyte	<i>BTN2A2</i>	0.006221247	0.015004319	0.338361539	1
Obesity	monocyte	<i>BVES</i>	-0.037563173	0.000898172	0.072533421	1
Obesity	monocyte	<i>C10orf105</i>	-0.02563866	0.042064819	0.524800325	1
Obesity	monocyte	<i>C10orf95</i>	-0.018843731	0.022528723	0.396439961	1
Obesity	monocyte	<i>C11orf54</i>	0.00614904	0.015616839	0.34185433	1
Obesity	monocyte	<i>C12orf54</i>	0.04364231	3.66E-05	0.012895532	0.218775609
Obesity	monocyte	<i>C17orf51</i>	0.019360531	0.031833219	0.46740864	1
Obesity	monocyte	<i>C17orf80</i>	0.007799869	0.033019531	0.474338269	1
Obesity	monocyte	<i>C19orf33</i>	0.049738777	0.027718691	0.440550266	1
Obesity	monocyte	<i>C1QTNF9</i>	-0.03710916	0.014582685	0.335177409	1
Obesity	monocyte	<i>C1orf115</i>	0.01451385	0.031810774	0.46740864	1
Obesity	monocyte	<i>C2orf73</i>	0.013007242	0.021363071	0.390415027	1
Obesity	monocyte	<i>C5</i>	0.007929177	0.016448288	0.35231172	1
Obesity	monocyte	<i>C7orf25</i>	0.082409352	0.002819637	0.138603279	1
Obesity	monocyte	<i>C8orf46</i>	-0.009830445	0.030084568	0.458630883	1
Obesity	monocyte	<i>C8orf59</i>	0.00354518	0.047302578	0.545760492	1
Obesity	monocyte	<i>CACNB4</i>	0.00811093	0.025828553	0.422880644	1
Obesity	monocyte	<i>CAMK2A</i>	-0.018970693	0.043547459	0.529538279	1
Obesity	monocyte	<i>CAPZA1</i>	-0.002354541	0.007726983	0.24688244	1
Obesity	monocyte	<i>CAPZA2</i>	0.005364947	0.00441128	0.175652641	1
Obesity	monocyte	<i>CARD6</i>	0.009385848	0.010379894	0.285853658	1
Obesity	monocyte	<i>CASP1</i>	-0.006234265	0.01364583	0.328089482	1
Obesity	monocyte	<i>CASP7</i>	0.006951321	0.013812426	0.328089482	1
Obesity	monocyte	<i>CATSPERB</i>	0.003197777	0.014139716	0.331368394	1
Obesity	monocyte	<i>CC2D1B</i>	-0.010902952	0.003533743	0.157594399	1
Obesity	monocyte	<i>CCDC107</i>	0.007403574	0.044182855	0.529538279	1
Obesity	monocyte	<i>CCDC114</i>	0.047791476	0.00582169	0.207085829	1
Obesity	monocyte	<i>CCDC153</i>	0.017095568	0.041710921	0.524800325	1
Obesity	monocyte	<i>CCDC157</i>	0.010335607	0.038378237	0.510050038	1
Obesity	monocyte	<i>CCDC71L</i>	0.013822869	0.002053484	0.122427771	1
Obesity	monocyte	<i>CCDC74A</i>	0.024491217	0.027044197	0.433287189	1
Obesity	monocyte	<i>CCDC82</i>	0.003810253	0.032398227	0.468793712	1
Obesity	monocyte	<i>CCDC84</i>	0.002496903	0.026666238	0.43069578	1
Obesity	monocyte	<i>CCDC9</i>	0.013824892	0.002852778	0.138603279	1
Obesity	monocyte	<i>CCNA2</i>	0.016514173	0.018237484	0.365563032	1
Obesity	monocyte	<i>CCNE1</i>	0.040106178	0.000330651	0.039823853	1
Obesity	monocyte	<i>CD164L2</i>	0.014794752	0.0003553	0.039838937	1
Obesity	monocyte	<i>CD207</i>	0.064165004	0.033719294	0.479777381	1
Obesity	monocyte	<i>CD27</i>	0.010188684	0.000927356	0.073891752	1
Obesity	monocyte	<i>CD5</i>	-0.007760635	0.003700257	0.160636104	1
Obesity	monocyte	<i>CDC25A</i>	0.030804399	0.035870643	0.496210567	1
Obesity	monocyte	<i>CDC34</i>	-0.019956918	0.003316977	0.153660891	1
Obesity	monocyte	<i>CDCA3</i>	-0.05080091	0.038228711	0.510050038	1
Obesity	monocyte	<i>CDO1</i>	0.00874886	0.022842478	0.397978565	1
Obesity	monocyte	<i>CDRT4</i>	0.035086988	0.01012241	0.282670673	1
Obesity	monocyte	<i>CENPO</i>	0.008496238	0.046506311	0.540660445	1
Obesity	monocyte	<i>CENPW</i>	0.038611774	5.06E-07	0.00087977	0.00302476
Obesity	monocyte	<i>CEP41</i>	0.012993063	0.036074615	0.497879679	1

Obesity	monocyte	<i>CEP95</i>	-0.002842793	0.04383099	0.529538279	1
Obesity	monocyte	<i>CEPT1</i>	-0.003496391	0.002089631	0.122427771	1
Obesity	monocyte	<i>CER1</i>	0.086683137	0.045696993	0.536513223	1
Obesity	monocyte	<i>CHAF1A</i>	0.013275442	0.024102266	0.409190743	1
Obesity	monocyte	<i>CHCHD2</i>	-0.003546345	0.013456626	0.32689755	1
Obesity	monocyte	<i>CHRNE</i>	0.04162668	0.026462996	0.42973604	1
Obesity	monocyte	<i>CHST8</i>	0.014106771	0.003843799	0.160636104	1
Obesity	monocyte	<i>CITED4</i>	0.026400022	0.003755067	0.160636104	1
Obesity	monocyte	<i>CLEC12B</i>	-0.029836535	0.003843869	0.160636104	1
Obesity	monocyte	<i>CLEC18A</i>	-0.063450237	0.027503355	0.43920577	1
Obesity	monocyte	<i>CLEC1B</i>	-0.025627698	0.001326132	0.094344815	1
Obesity	monocyte	<i>CNNM3</i>	0.00871618	0.038175194	0.510050038	1
Obesity	monocyte	<i>COPS6</i>	0.007331587	0.006162638	0.2117533	1
Obesity	monocyte	<i>CREB3L1</i>	0.014511728	0.015577724	0.34185433	1
Obesity	monocyte	<i>CRYBB2</i>	0.056351102	0.027945537	0.441805637	1
Obesity	monocyte	<i>CSE1L</i>	-0.004343479	0.012312225	0.317145933	1
Obesity	monocyte	<i>CTDNEP1</i>	0.012585809	0.044183242	0.529538279	1
Obesity	monocyte	<i>CTNND2</i>	0.021509291	0.003043176	0.146661467	1
Obesity	monocyte	<i>CXCL10</i>	0.02768302	0.010608683	0.288263063	1
Obesity	monocyte	<i>CXCR6</i>	0.019815939	0.039046898	0.511719872	1
Obesity	monocyte	<i>CYGB</i>	0.009639132	0.036389464	0.501067821	1
Obesity	monocyte	<i>CYP21A2</i>	0.007955938	0.014474634	0.335177409	1
Obesity	monocyte	<i>CYP27C1</i>	0.020123671	0.00224856	0.126682337	1
Obesity	monocyte	<i>CYP8B1</i>	0.013102372	0.000195474	0.033375847	1
Obesity	monocyte	<i>DBNDD2</i>	-0.045914596	0.000333198	0.039823853	1
Obesity	monocyte	<i>DCXR</i>	0.006063836	0.04824587	0.548788507	1
Obesity	monocyte	<i>DDBI</i>	0.007954708	3.67E-05	0.012895532	0.219224039
Obesity	monocyte	<i>DDX23</i>	0.006575626	0.043266568	0.529538279	1
Obesity	monocyte	<i>DECR2</i>	-0.021882133	0.000110785	0.024520318	0.662048573
Obesity	monocyte	<i>DFNA5</i>	0.012656217	0.013872827	0.328089482	1
Obesity	monocyte	<i>DLG5</i>	0.006197655	0.004007635	0.164038533	1
Obesity	monocyte	<i>DNLZ</i>	0.075122606	0.040334545	0.520788232	1
Obesity	monocyte	<i>DOC2A</i>	0.023883751	0.00963456	0.275308423	1
Obesity	monocyte	<i>DRAM2</i>	-0.003007886	0.044887642	0.532239184	1
Obesity	monocyte	<i>DUSP23</i>	-0.017251743	0.020654009	0.389363901	1
Obesity	monocyte	<i>DVL3</i>	0.010920433	2.66E-06	0.002271101	0.015897707
Obesity	monocyte	<i>DZANK1</i>	0.010294101	0.022601261	0.396439961	1
Obesity	monocyte	<i>EFEMP1</i>	0.002044051	0.025067729	0.416124307	1
Obesity	monocyte	<i>EFTUD2</i>	0.005336495	0.001514722	0.101738725	1
Obesity	monocyte	<i>EIF5A</i>	-0.011998108	0.044216801	0.529538279	1
Obesity	monocyte	<i>EMC4</i>	-0.008553727	0.044208745	0.529538279	1
Obesity	monocyte	<i>EML4</i>	-0.001109006	0.04451892	0.529970252	1
Obesity	monocyte	<i>ENOSF1</i>	0.002498316	0.031923341	0.467417608	1
Obesity	monocyte	<i>ENPP6</i>	0.02847885	0.040608174	0.520788232	1
Obesity	monocyte	<i>ENSA</i>	-0.003444416	0.012985596	0.326058491	1
Obesity	monocyte	<i>EP300</i>	0.002203858	0.008629442	0.257847737	1
Obesity	monocyte	<i>EPDR1</i>	0.004633999	0.038052156	0.510050038	1
Obesity	monocyte	<i>EPN2</i>	0.002470551	0.005239193	0.196914559	1
Obesity	monocyte	<i>ETV4</i>	0.008952394	0.00616479	0.2117533	1
Obesity	monocyte	<i>EXOG</i>	0.003822801	0.020328034	0.388116073	1
Obesity	monocyte	<i>FAM126B</i>	0.002000367	0.026744821	0.430800675	1
Obesity	monocyte	<i>FAM167A</i>	0.062150841	0.023559549	0.404537237	1

Obesity	monocyte	<i>FAM196A</i>	0.005893843	6.41E-05	0.017950975	0.383111834
Obesity	monocyte	<i>FAM221A</i>	-0.018947556	0.001297704	0.093434675	1
Obesity	monocyte	<i>FAM47E</i>	0.017666268	0.019122919	0.374683824	1
Obesity	monocyte	<i>FAM72B</i>	-0.020623717	0.028733663	0.44814108	1
Obesity	monocyte	<i>FAM83F</i>	0.016367636	0.018055807	0.363304727	1
Obesity	monocyte	<i>FANCF</i>	-0.01408097	0.000477414	0.048356394	1
Obesity	monocyte	<i>FARP2</i>	0.004651566	0.01628238	0.350308931	1
Obesity	monocyte	<i>FBF1</i>	-0.015028139	5.78E-05	0.017268661	0.34537323
Obesity	monocyte	<i>FBRSL1</i>	0.004594632	0.039000257	0.511719872	1
Obesity	monocyte	<i>FCERIA</i>	0.005347909	0.022074845	0.393591824	1
Obesity	monocyte	<i>FDPS</i>	0.009338214	0.000376835	0.039838937	1
Obesity	monocyte	<i>FEZ1</i>	0.008515937	0.037408198	0.508611114	1
Obesity	monocyte	<i>FEZ2</i>	-0.002024067	0.004094255	0.166231711	1
Obesity	monocyte	<i>FGFR4</i>	0.154276135	0.001260051	0.091830088	1
Obesity	monocyte	<i>FKBP11</i>	0.008422841	0.034484284	0.4861397	1
Obesity	monocyte	<i>FKTN</i>	0.004511607	0.008389373	0.25381014	1
Obesity	monocyte	<i>FLRT1</i>	0.011203308	0.042492896	0.526841382	1
Obesity	monocyte	<i>FLT3</i>	0.00381026	0.020031285	0.383676157	1
Obesity	monocyte	<i>FRZB</i>	-0.010575579	0.03351504	0.478009264	1
Obesity	monocyte	<i>FUCA1</i>	-0.012918833	0.000773436	0.067971358	1
Obesity	monocyte	<i>GABRA2</i>	0.013674532	0.029820392	0.456940157	1
Obesity	monocyte	<i>GAL3ST4</i>	0.023484824	0.002752573	0.138293332	1
Obesity	monocyte	<i>GALK1</i>	0.009857311	0.038981177	0.511719872	1
Obesity	monocyte	<i>GAS2L1</i>	0.008585509	0.040697474	0.520788232	1
Obesity	monocyte	<i>GAS6</i>	0.004211419	0.004438345	0.175652641	1
Obesity	monocyte	<i>GCC2</i>	0.001911057	0.031079422	0.462016483	1
Obesity	monocyte	<i>GDF9</i>	0.03225951	0.030823893	0.459936824	1
Obesity	monocyte	<i>GID8</i>	0.005143379	0.013131578	0.32689755	1
Obesity	monocyte	<i>GLIPR1L1</i>	0.007727096	0.018847017	0.371715416	1
Obesity	monocyte	<i>GMIP</i>	-0.005232043	0.038353897	0.510050038	1
Obesity	monocyte	<i>GNMT</i>	0.066686913	0.010818583	0.289918619	1
Obesity	monocyte	<i>GNPTG</i>	0.008825304	0.017332625	0.360592393	1
Obesity	monocyte	<i>GOLIM4</i>	0.005715869	0.006622108	0.218639312	1
Obesity	monocyte	<i>GOSR1</i>	-0.004230691	0.000252557	0.036793401	1
Obesity	monocyte	<i>GPAT2</i>	-0.026928515	0.049263596	0.552343809	1
Obesity	monocyte	<i>GPN2</i>	0.008305716	0.01456586	0.335177409	1
Obesity	monocyte	<i>GPR132</i>	0.004929473	0.00737316	0.239718614	1
Obesity	monocyte	<i>GPRIN1</i>	0.053441656	0.019089232	0.374683824	1
Obesity	monocyte	<i>GRIN3B</i>	0.056046493	0.000345507	0.039838937	1
Obesity	monocyte	<i>GRPEL1</i>	0.008500457	0.00094796	0.07453959	1
Obesity	monocyte	<i>GRTP1</i>	0.010160315	0.009907996	0.279239995	1
Obesity	monocyte	<i>GSTP1</i>	0.003467417	0.045617504	0.536513223	1
Obesity	monocyte	<i>GSTZ1</i>	0.009871074	0.011942003	0.308941178	1
Obesity	monocyte	<i>GTF2H1</i>	0.004436946	0.035373849	0.492760197	1
Obesity	monocyte	<i>GXYLT2</i>	0.008824064	0.000323942	0.039823853	1
Obesity	monocyte	<i>HCAR1</i>	0.023720189	0.010185924	0.283121316	1
Obesity	monocyte	<i>HDHD2</i>	-0.019697408	0.002077299	0.122427771	1
Obesity	monocyte	<i>HEXDC</i>	0.005559086	0.000678346	0.064345962	1
Obesity	monocyte	<i>HLA-DQB2</i>	0.010419568	0.017761724	0.360646009	1
Obesity	monocyte	<i>HLTF</i>	0.005990157	0.009459645	0.273095825	1
Obesity	monocyte	<i>HMOX2</i>	0.003725689	0.03181161	0.46740864	1
Obesity	monocyte	<i>HRASLS</i>	0.044824496	0.021320313	0.390415027	1

Obesity	monocyte	<i>HRCT1</i>	0.01504843	0.034573188	0.4861397	1
Obesity	monocyte	<i>ICAIL</i>	0.006207675	0.008102569	0.251936162	1
Obesity	monocyte	<i>IFT74</i>	-0.003487862	0.047620057	0.546213938	1
Obesity	monocyte	<i>IMP3</i>	0.008263098	0.01689128	0.355430606	1
Obesity	monocyte	<i>IMPA2</i>	0.005010646	0.032068477	0.467417608	1
Obesity	monocyte	<i>INSIG2</i>	0.014640819	0.000314523	0.039823853	1
Obesity	monocyte	<i>IST1</i>	0.003893005	0.035517339	0.493608414	1
Obesity	monocyte	<i>ITIH4</i>	0.022680621	0.000192795	0.033375847	1
Obesity	monocyte	<i>JMJD8</i>	-0.019642367	0.001000458	0.077645935	1
Obesity	monocyte	<i>KANK2</i>	0.003414543	0.022073202	0.393591824	1
Obesity	monocyte	<i>KCNA1</i>	0.02069692	0.037501853	0.508611114	1
Obesity	monocyte	<i>KCNE3</i>	-0.009815246	0.013928245	0.328089482	1
Obesity	monocyte	<i>KCNH4</i>	0.015302855	0.005552901	0.204840352	1
Obesity	monocyte	<i>KCNK1</i>	-0.013882213	0.003944473	0.162566678	1
Obesity	monocyte	<i>KCNMB3</i>	0.012327636	0.001930928	0.118961064	1
Obesity	monocyte	<i>KCTD16</i>	0.011786556	0.034279173	0.4861397	1
Obesity	monocyte	<i>KHDC1</i>	0.011929847	0.000141473	0.027272414	0.845444825
Obesity	monocyte	<i>KIAA1755</i>	0.010712738	0.007890654	0.24688244	1
Obesity	monocyte	<i>KIF16B</i>	0.003222699	0.000897016	0.072533421	1
Obesity	monocyte	<i>KLF14</i>	0.040081539	0.000860038	0.072533421	1
Obesity	monocyte	<i>KLHL29</i>	0.002409119	0.025651655	0.421785963	1
Obesity	monocyte	<i>KRIT1</i>	0.005209752	0.000882009	0.072533421	1
Obesity	monocyte	<i>LARS</i>	-0.003896112	0.0002538	0.036793401	1
Obesity	monocyte	<i>LASP1</i>	0.002771858	0.020915303	0.390415027	1
Obesity	monocyte	<i>LAYN</i>	0.007271137	0.022120668	0.393591824	1
Obesity	monocyte	<i>LCA5L</i>	0.010325397	0.021212728	0.390415027	1
Obesity	monocyte	<i>LIMS1</i>	0.001854241	0.043052124	0.529538279	1
Obesity	monocyte	<i>LINC00174</i>	-0.003857628	0.006313685	0.214378311	1
Obesity	monocyte	<i>LINC00484</i>	0.009367731	0.035322573	0.492760197	1
Obesity	monocyte	<i>LINC00545</i>	0.009747184	0.00311267	0.147629497	1
Obesity	monocyte	<i>LINC00603</i>	0.033322453	0.005451097	0.202333901	1
Obesity	monocyte	<i>LINC00667</i>	-0.005405687	0.044374131	0.529970252	1
Obesity	monocyte	<i>LINC00920</i>	-0.026790228	0.04161406	0.524800325	1
Obesity	monocyte	<i>LINC00959</i>	0.006196602	0.035005655	0.491065238	1
Obesity	monocyte	<i>LIPG</i>	0.046841333	0.004741702	0.182815547	1
Obesity	monocyte	<i>LMAN1</i>	0.003464904	0.019812025	0.381924717	1
Obesity	monocyte	<i>LMAN2L</i>	-0.004996886	0.016160902	0.349918667	1
Obesity	monocyte	<i>LMX1B</i>	-0.022282794	0.014266162	0.333025728	1
Obesity	monocyte	<i>LONRF1</i>	0.005393965	0.001477301	0.101738725	1
Obesity	monocyte	<i>LRRC1</i>	0.005715426	0.018575024	0.370014468	1
Obesity	monocyte	<i>LRRC2</i>	0.00843913	0.013944515	0.328089482	1
Obesity	monocyte	<i>LRRC38</i>	0.042755167	0.001872007	0.116532453	1
Obesity	monocyte	<i>LRRC39</i>	-0.01055068	0.002052803	0.122427771	1
Obesity	monocyte	<i>LRRCC1</i>	0.00938108	0.048500966	0.548788507	1
Obesity	monocyte	<i>LSMEM1</i>	0.013730783	0.028573785	0.447007688	1
Obesity	monocyte	<i>LY86</i>	0.002579975	0.043524815	0.529538279	1
Obesity	monocyte	<i>LYSMD4</i>	-0.007288283	0.017438287	0.360592393	1
Obesity	monocyte	<i>MADCAM1</i>	0.006789425	0.048475074	0.548788507	1
Obesity	monocyte	<i>MAG</i>	0.134711269	5.59E-05	0.017268661	0.334019194
Obesity	monocyte	<i>MAN2C1</i>	-0.005545022	0.002546191	0.131172712	1
Obesity	monocyte	<i>MAP3K11</i>	0.008557281	0.014746428	0.335999607	1
Obesity	monocyte	<i>MAPK8IP2</i>	0.064527559	0.012369545	0.317254934	1

Obesity	monocyte	<i>ME3</i>	0.004670157	0.049369457	0.552494148	1
Obesity	monocyte	<i>MED21</i>	0.004032682	0.017686948	0.360646009	1
Obesity	monocyte	<i>MFAP1</i>	0.009259212	0.030517876	0.459936824	1
Obesity	monocyte	<i>MFAP2</i>	0.058425302	0.033131661	0.474807689	1
Obesity	monocyte	<i>MKRN2</i>	0.011070531	0.013944901	0.328089482	1
Obesity	monocyte	<i>MKSI</i>	0.020219981	3.34E-05	0.012895532	0.199818376
Obesity	monocyte	<i>MMRN1</i>	0.00108027	0.028796214	0.44814108	1
Obesity	monocyte	<i>MPND</i>	-0.015975704	0.019537754	0.379083184	1
Obesity	monocyte	<i>MPV17L</i>	0.042582525	0.003737256	0.160636104	1
Obesity	monocyte	<i>MROH6</i>	0.026360065	0.025691113	0.421785963	1
Obesity	monocyte	<i>MRPL18</i>	0.006230863	0.046397296	0.540487801	1
Obesity	monocyte	<i>MRPL37</i>	0.012895	0.038246383	0.510050038	1
Obesity	monocyte	<i>MRPL38</i>	0.031946217	0.005702558	0.207085829	1
Obesity	monocyte	<i>MRPL39</i>	0.006457384	0.0412643	0.52464171	1
Obesity	monocyte	<i>MRPL43</i>	0.007920586	0.011073037	0.292798526	1
Obesity	monocyte	<i>MSH3</i>	-0.00283527	0.047348775	0.545760492	1
Obesity	monocyte	<i>MST1</i>	0.035750135	0.002489302	0.130625822	1
Obesity	monocyte	<i>MTHFD1</i>	-0.005935882	0.009316814	0.27084562	1
Obesity	monocyte	<i>MTMR10</i>	0.004355712	0.040627208	0.520788232	1
Obesity	monocyte	<i>MTMR11</i>	-0.014920606	0.024315116	0.411634944	1
Obesity	monocyte	<i>MTPAP</i>	0.007023523	0.001555006	0.103252406	1
Obesity	monocyte	<i>MUTYH</i>	0.015401204	0.005068421	0.191701801	1
Obesity	monocyte	<i>MYH3</i>	-0.026426087	0.016783158	0.355430606	1
Obesity	monocyte	<i>MYH7B</i>	0.013161813	0.012938312	0.326058491	1
Obesity	monocyte	<i>MYO15A</i>	0.00985958	0.02100522	0.390415027	1
Obesity	monocyte	<i>MYRF</i>	0.036282108	0.044133585	0.529538279	1
Obesity	monocyte	<i>NACCI</i>	-0.017213298	0.006093483	0.2117533	1
Obesity	monocyte	<i>NARFL</i>	-0.007506586	0.008409372	0.25381014	1
Obesity	monocyte	<i>NBPF10</i>	-0.030125751	0.008806164	0.259239572	1
Obesity	monocyte	<i>NCKIPSD</i>	0.009325885	0.020442291	0.389054564	1
Obesity	monocyte	<i>NDNF</i>	0.012214758	0.00463725	0.181125535	1
Obesity	monocyte	<i>NDST1</i>	0.014498605	2.19E-05	0.009938637	0.131037296
Obesity	monocyte	<i>NDUFC1</i>	0.008175263	0.01341547	0.32689755	1
Obesity	monocyte	<i>NFYC</i>	0.003094339	0.029013146	0.449677844	1
Obesity	monocyte	<i>NIPAL1</i>	-0.00404578	0.004942725	0.189344398	1
Obesity	monocyte	<i>NME4</i>	-0.009110504	0.002510805	0.130625822	1
Obesity	monocyte	<i>NMNAT3</i>	0.005088173	0.020759791	0.390127402	1
Obesity	monocyte	<i>NMRK1</i>	-0.005953569	0.031214954	0.462879813	1
Obesity	monocyte	<i>NPAT</i>	0.004644681	0.001753174	0.114747973	1
Obesity	monocyte	<i>NPHP4</i>	0.013329131	0.000757712	0.067583383	1
Obesity	monocyte	<i>NPIPA1</i>	0.018114959	0.003414958	0.154604476	1
Obesity	monocyte	<i>NPR2</i>	0.017577789	0.044507694	0.529970252	1
Obesity	monocyte	<i>NPRL3</i>	0.009517306	0.001831542	0.115299299	1
Obesity	monocyte	<i>NR1H3</i>	0.006586249	0.005952912	0.210500603	1
Obesity	monocyte	<i>NT5E</i>	0.004541418	0.048103731	0.548602854	1
Obesity	monocyte	<i>NUCKS1</i>	0.003626218	0.007713981	0.24688244	1
Obesity	monocyte	<i>NUDCD3</i>	0.003087917	0.026110029	0.426321132	1
Obesity	monocyte	<i>NUP153</i>	0.004584369	0.022195523	0.393591824	1
Obesity	monocyte	<i>NUP62</i>	0.009771196	0.015208268	0.34030476	1
Obesity	monocyte	<i>NXNL1</i>	-0.06924844	0.021066237	0.390415027	1
Obesity	monocyte	<i>OGFOD3</i>	-0.00934829	0.04629012	0.540292493	1
Obesity	monocyte	<i>ORMDL3</i>	0.009141801	0.019520474	0.379083184	1

Obesity	monocyte	<i>OTUD3</i>	0.012068479	0.008711113	0.258198699	1
Obesity	monocyte	<i>OVCH1-AS1</i>	-0.005167039	0.023663896	0.404537237	1
Obesity	monocyte	<i>OVGP1</i>	0.026117984	0.016296165	0.350308931	1
Obesity	monocyte	<i>OXGR1</i>	0.015944148	0.012845231	0.326058491	1
Obesity	monocyte	<i>PACSIN3</i>	0.022074019	0.020603482	0.389363901	1
Obesity	monocyte	<i>PAFAH2</i>	0.005603308	0.038808925	0.511719872	1
Obesity	monocyte	<i>PARK7</i>	0.005596813	0.002753833	0.138293332	1
Obesity	monocyte	<i>PARP14</i>	-0.002100552	0.024495007	0.412214596	1
Obesity	monocyte	<i>PCDHA7</i>	0.005430987	0.006883708	0.226027702	1
Obesity	monocyte	<i>PCDHAC1</i>	0.028112707	0.001813119	0.115299299	1
Obesity	monocyte	<i>PCDHB10</i>	0.038711429	0.047397874	0.545760492	1
Obesity	monocyte	<i>PCDHB15</i>	-0.038215836	0.004740654	0.182815547	1
Obesity	monocyte	<i>PCDHB16</i>	0.012860854	0.043780301	0.529538279	1
Obesity	monocyte	<i>PCDHGA1</i>	0.04995455	0.002837526	0.138603279	1
Obesity	monocyte	<i>PCDHGA11</i>	0.040736309	0.03754871	0.508611114	1
Obesity	monocyte	<i>PCSK2</i>	0.028821147	0.000733225	0.066940844	1
Obesity	monocyte	<i>PDCDI</i>	0.022172123	1.96E-06	0.00194964	0.011697843
Obesity	monocyte	<i>PDE1B</i>	-0.006303002	0.025593264	0.421785963	1
Obesity	monocyte	<i>PDE8A</i>	-0.002086849	0.043061725	0.529538279	1
Obesity	monocyte	<i>PDLIM4</i>	0.026234435	0.000134123	0.027272414	0.801518023
Obesity	monocyte	<i>PEMT</i>	0.009131477	0.044797923	0.532231389	1
Obesity	monocyte	<i>PEX6</i>	-0.006607952	0.015804555	0.34344734	1
Obesity	monocyte	<i>PFN2</i>	0.014509972	0.00421308	0.168975614	1
Obesity	monocyte	<i>PHC1</i>	0.021010261	0.000308662	0.039823853	1
Obesity	monocyte	<i>PHF19</i>	0.013106868	0.013355861	0.32689755	1
Obesity	monocyte	<i>PII6</i>	0.00238289	0.017595231	0.360646009	1
Obesity	monocyte	<i>PICK1</i>	0.010097275	0.016853583	0.355430606	1
Obesity	monocyte	<i>PIGK</i>	0.00977226	0.0002886	0.038326027	1
Obesity	monocyte	<i>PIP5KL1</i>	-0.029609903	0.000258588	0.036793401	1
Obesity	monocyte	<i>PIPOX</i>	0.022692712	0.021875396	0.393591824	1
Obesity	monocyte	<i>PLCB2</i>	0.004793065	0.039883712	0.519270296	1
Obesity	monocyte	<i>PLEKHJ1</i>	-0.017264619	8.18E-08	0.000244339	0.000488677
Obesity	monocyte	<i>PLOD1</i>	0.006707814	0.016651607	0.35412812	1
Obesity	monocyte	<i>PLRG1</i>	0.005977977	0.003370407	0.154604476	1
Obesity	monocyte	<i>PM20D1</i>	0.012846432	0.000370615	0.039838937	1
Obesity	monocyte	<i>PMEL</i>	0.013537739	0.015483139	0.341428935	1
Obesity	monocyte	<i>PMS1</i>	0.002770421	0.00817865	0.251936162	1
Obesity	monocyte	<i>POLR3G</i>	0.010134452	0.006200942	0.2117533	1
Obesity	monocyte	<i>PP2D1</i>	-0.005846093	0.033331378	0.476527071	1
Obesity	monocyte	<i>PPIE</i>	0.008035659	0.000193927	0.033375847	1
Obesity	monocyte	<i>PPIL2</i>	-0.004707329	0.003736798	0.160636104	1
Obesity	monocyte	<i>PPP4R1</i>	0.005030378	0.0134382	0.32689755	1
Obesity	monocyte	<i>PPWD1</i>	0.005005612	0.008628849	0.257847737	1
Obesity	monocyte	<i>PRIMPOL</i>	0.004645685	0.021641071	0.393591824	1
Obesity	monocyte	<i>PRKAR1B</i>	0.003788743	0.032004702	0.467417608	1
Obesity	monocyte	<i>PROB1</i>	-0.049303122	0.00816757	0.251936162	1
Obesity	monocyte	<i>PROZ</i>	0.036186748	0.003408238	0.154604476	1
Obesity	monocyte	<i>PRPF38A</i>	-0.01125631	6.61E-05	0.017950975	0.394921443
Obesity	monocyte	<i>PSMB7</i>	0.00391673	0.030686828	0.459936824	1
Obesity	monocyte	<i>PSPH</i>	0.005826573	0.048384358	0.548788507	1
Obesity	monocyte	<i>PTBP3</i>	0.001743882	0.046951845	0.543767885	1
Obesity	monocyte	<i>PTCHD3</i>	0.032250551	0.005724393	0.207085829	1

Obesity	monocyte	<i>PTGR2</i>	0.012932343	0.013210056	0.32689755	1
Obesity	monocyte	<i>PUS3</i>	0.020868909	0.002395844	0.128987043	1
Obesity	monocyte	<i>PUS7L</i>	0.006635908	0.000249076	0.036793401	1
Obesity	monocyte	<i>PYROXD2</i>	-0.007811513	0.002129307	0.123541176	1
Obesity	monocyte	<i>QRSL1</i>	0.005839291	0.021976079	0.393591824	1
Obesity	monocyte	<i>RAB18</i>	0.003300233	0.040683413	0.520788232	1
Obesity	monocyte	<i>RAB24</i>	-0.016619133	0.010736313	0.289009952	1
Obesity	monocyte	<i>RAB43</i>	-0.065726091	0.010670882	0.288548376	1
Obesity	monocyte	<i>RAB5C</i>	0.006916715	0.011038481	0.292798526	1
Obesity	monocyte	<i>RAB6A</i>	0.002573486	0.035141215	0.49181242	1
Obesity	monocyte	<i>RACGAP1</i>	0.015156358	0.038480622	0.510050038	1
Obesity	monocyte	<i>RAD51C</i>	-0.007371112	0.001515185	0.101738725	1
Obesity	monocyte	<i>RAD52</i>	0.003059187	0.023375439	0.40373302	1
Obesity	monocyte	<i>RADIL</i>	0.004227669	0.010612094	0.288263063	1
Obesity	monocyte	<i>RASAL2-AS1</i>	0.042574459	0.000382784	0.039838937	1
Obesity	monocyte	<i>RASGEF1A</i>	-0.022864915	0.000355917	0.039838937	1
Obesity	monocyte	<i>RASL10A</i>	-0.024939308	0.02124097	0.390415027	1
Obesity	monocyte	<i>RBBP9</i>	0.022859149	0.010273565	0.28423531	1
Obesity	monocyte	<i>RCHY1</i>	-0.003835519	0.007847136	0.24688244	1
Obesity	monocyte	<i>RCVRN</i>	-0.059203191	0.009952831	0.279239995	1
Obesity	monocyte	<i>REEP4</i>	0.013619566	0.02333207	0.40373302	1
Obesity	monocyte	<i>RET</i>	-0.024230948	0.002245527	0.126682337	1
Obesity	monocyte	<i>RGS10</i>	-0.007962126	0.006588576	0.218639312	1
Obesity	monocyte	<i>RGS11</i>	0.007531925	0.01271036	0.324603043	1
Obesity	monocyte	<i>RHBDL1</i>	-0.031971682	0.023692777	0.404537237	1
Obesity	monocyte	<i>RHD</i>	0.008825585	0.011469849	0.299317974	1
Obesity	monocyte	<i>RNF14</i>	0.004076211	0.02827948	0.444732027	1
Obesity	monocyte	<i>ROBO3</i>	0.004695201	0.022264285	0.393643093	1
Obesity	monocyte	<i>RP1L1</i>	0.026061949	0.014983559	0.338361539	1
Obesity	monocyte	<i>RPAP1</i>	0.0086553	0.028411714	0.445638859	1
Obesity	monocyte	<i>RPL28</i>	0.003334374	0.014366816	0.334070392	1
Obesity	monocyte	<i>RPS28</i>	0.007549798	0.006613831	0.218639312	1
Obesity	monocyte	<i>RPS6KL1</i>	0.013503195	0.000540611	0.052813593	1
Obesity	monocyte	<i>RTN2</i>	-0.021151031	0.00118196	0.088292429	1
Obesity	monocyte	<i>SAMD12</i>	-0.003497846	0.008267596	0.25207731	1
Obesity	monocyte	<i>SAP130</i>	0.005527266	0.041313043	0.52464171	1
Obesity	monocyte	<i>SASS6</i>	0.009600695	0.007792862	0.24688244	1
Obesity	monocyte	<i>SCAMP1</i>	0.002925657	0.017322579	0.360592393	1
Obesity	monocyte	<i>SCOC</i>	0.017613348	0.003786009	0.160636104	1
Obesity	monocyte	<i>SEC23B</i>	-0.005268062	0.040648712	0.520788232	1
Obesity	monocyte	<i>SERGEF</i>	<i>Sep-02</i> 0.00374017	0.017391447	0.360592393	1
Obesity	monocyte		<i>Sep-05</i> 0.050583336	0.003099435	0.147629497	1
Obesity	monocyte	<i>SGTA</i>	0.002886886	0.045098477	0.533680194	1
Obesity	monocyte	<i>SGTA</i>	0.008210358	0.041349773	0.52464171	1
Obesity	monocyte	<i>SH2D3A</i>	-0.007755693	0.030308397	0.459702993	1
Obesity	monocyte	<i>SHISA5</i>	-0.006291052	0.00258246	0.131904108	1
Obesity	monocyte	<i>SHPK</i>	0.019311243	0.035639879	0.494162214	1
Obesity	monocyte	<i>SIGLEC11</i>	0.021678277	0.02275278	0.397574892	1
Obesity	monocyte	<i>SLC22A5</i>	0.015389328	1.69E-05	0.009194526	0.101139784
Obesity	monocyte	<i>SLC25A44</i>	0.014120066	0.0406526	0.520788232	1
Obesity	monocyte	<i>SLC25A51</i>	0.019809095	0.020550835	0.389363901	1
Obesity	monocyte	<i>SLC27A6</i>	0.019336154	0.00411685	0.166231711	1

Obesity	monocyte	<i>SLC35C2</i>	0.003657015	0.021995748	0.393591824	1
Obesity	monocyte	<i>SLC35F6</i>	0.00998089	0.02119267	0.390415027	1
Obesity	monocyte	<i>SLC37A1</i>	0.005371057	0.038839441	0.511719872	1
Obesity	monocyte	<i>SLC7A9</i>	0.031384363	0.00756613	0.244406442	1
Obesity	monocyte	<i>SLFN12</i>	0.011490157	0.003511581	0.157594399	1
Obesity	monocyte	<i>SMAD5</i>	0.003708324	0.015793639	0.34344734	1
Obesity	monocyte	<i>SMARCAL1</i>	0.005071396	0.001120703	0.084776254	1
Obesity	monocyte	<i>SMARCC1</i>	0.002981979	0.002356338	0.128013402	1
Obesity	monocyte	<i>SMTNL1</i>	0.017052569	0.018290386	0.365563032	1
Obesity	monocyte	<i>SNRNP25</i>	0.011577661	0.0087276	0.258198699	1
Obesity	monocyte	<i>SORCS2</i>	0.008902487	0.028084054	0.442824033	1
Obesity	monocyte	<i>SP1</i>	-0.006304293	0.00012994	0.027272414	0.776522138
Obesity	monocyte	<i>SPATA7</i>	0.006407345	0.003239892	0.151262474	1
Obesity	monocyte	<i>SPC24</i>	0.050889814	1.23E-06	0.001469774	0.00734887
Obesity	monocyte	<i>SPOCK2</i>	-0.00514584	0.002784571	0.138603279	1
Obesity	monocyte	<i>SRPK2</i>	-0.000804579	0.037450383	0.508611114	1
Obesity	monocyte	<i>SSU72</i>	0.008199044	0.013676845	0.328089482	1
Obesity	monocyte	<i>ST20</i>	0.043233389	0.000873939	0.072533421	1
Obesity	monocyte	<i>ST7L</i>	-0.003413352	0.008997472	0.263573011	1
Obesity	monocyte	<i>STOML1</i>	0.022341741	0.003943178	0.162566678	1
Obesity	monocyte	<i>STXBP2</i>	0.012479146	0.007380894	0.239718614	1
Obesity	monocyte	<i>SULT1C2</i>	-0.020328927	0.043442709	0.529538279	1
Obesity	monocyte	<i>SULT1C4</i>	-0.008433881	0.018660958	0.370491312	1
Obesity	monocyte	<i>SV2A</i>	0.022336655	0.048669475	0.548788507	1
Obesity	monocyte	<i>SYNJ2</i>	-0.006273058	0.048671002	0.548788507	1
Obesity	monocyte	<i>SYS1</i>	-0.008465584	0.032579815	0.469149336	1
Obesity	monocyte	<i>TADA2A</i>	-0.006338515	2.33E-05	0.009938637	0.139140922
Obesity	monocyte	<i>TAMM41</i>	0.003779068	0.032302422	0.468793712	1
Obesity	monocyte	<i>TAOK2</i>	0.009441726	0.031403198	0.464518597	1
Obesity	monocyte	<i>TARS</i>	0.010506743	0.000497498	0.049550782	1
Obesity	monocyte	<i>TAS2R31</i>	0.042990098	0.003725548	0.160636104	1
Obesity	monocyte	<i>TBCD</i>	0.005162746	0.000547932	0.052813593	1
Obesity	monocyte	<i>TBCE</i>	0.0048866	0.026873256	0.431705854	1
Obesity	monocyte	<i>TBCEL</i>	0.007430673	0.006168834	0.2117533	1
Obesity	monocyte	<i>TCTN3</i>	0.005633636	0.046014292	0.539179228	1
Obesity	monocyte	<i>TF</i>	-0.015253919	0.048067255	0.548602854	1
Obesity	monocyte	<i>TFCP2L1</i>	0.012279831	0.029278023	0.449900306	1
Obesity	monocyte	<i>THUMPD2</i>	0.006401038	0.034502043	0.4861397	1
Obesity	monocyte	<i>TICAM2</i>	0.051237025	0.005300221	0.197963252	1
Obesity	monocyte	<i>TIPIN</i>	0.014511786	7.04E-05	0.018017383	0.420769023
Obesity	monocyte	<i>TMC4</i>	-0.014956988	0.024694248	0.412214596	1
Obesity	monocyte	<i>TMCO6</i>	0.008200858	0.048089224	0.548602854	1
Obesity	monocyte	<i>TMED9</i>	0.009845135	0.015201816	0.34030476	1
Obesity	monocyte	<i>TMEM133</i>	0.031184621	0.047572792	0.546213938	1
Obesity	monocyte	<i>TMEM177</i>	0.01771322	8.83E-05	0.02111655	0.527913755
Obesity	monocyte	<i>TMEM184B</i>	0.004603089	0.013138576	0.32689755	1
Obesity	monocyte	<i>TMEM216</i>	0.019553344	0.008263605	0.25207731	1
Obesity	monocyte	<i>TNPO2</i>	0.003685017	0.023965641	0.408030409	1
Obesity	monocyte	<i>TOMM34</i>	0.012282647	0.000367298	0.039838937	1
Obesity	monocyte	<i>TOMM40</i>	0.007208305	0.02262149	0.396439961	1
Obesity	monocyte	<i>TOP1MT</i>	-0.011893287	0.04194245	0.524800325	1
Obesity	monocyte	<i>TP53BP2</i>	0.003604512	0.030721525	0.459936824	1

Obesity	monocyte	<i>TP63</i>	0.009269578	0.024644816	0.412214596	1
Obesity	monocyte	<i>TPCN2</i>	-0.007942815	0.049085672	0.551383418	1
Obesity	monocyte	<i>TRAPPC13</i>	0.00530823	0.023510748	0.404537237	1
Obesity	monocyte	<i>TRAPPC4</i>	0.006029531	0.025416049	0.42073769	1
Obesity	monocyte	<i>TRIM16L</i>	0.015342651	0.029045456	0.449677844	1
Obesity	monocyte	<i>TRIM23</i>	0.004536413	0.001832904	0.115299299	1
Obesity	monocyte	<i>TRIM63</i>	-0.008677735	0.021848533	0.393591824	1
Obesity	monocyte	<i>TRIML2</i>	-0.048511742	0.030862561	0.459936824	1
Obesity	monocyte	<i>TSSK6</i>	-0.036004305	0.048983411	0.551270929	1
Obesity	monocyte	<i>TUBB2B</i>	0.039186727	0.01531827	0.34030476	1
Obesity	monocyte	<i>TVP23C</i>	0.016905385	0.013904995	0.328089482	1
Obesity	monocyte	<i>U91324.1</i>	0.017047582	0.017767727	0.360646009	1
Obesity	monocyte	<i>UBXN6</i>	0.010504886	0.011225731	0.294232322	1
Obesity	monocyte	<i>UQCCI</i>	-0.003707264	0.005776648	0.207085829	1
Obesity	monocyte	<i>VANGL2</i>	0.046633831	0.000140322	0.027272414	0.838562291
Obesity	monocyte	<i>VMO1</i>	0.014099826	0.02467613	0.412214596	1
Obesity	monocyte	<i>VNN1</i>	-0.011688752	0.010594156	0.288263063	1
Obesity	monocyte	<i>VPS37C</i>	0.006124334	0.026378293	0.429527743	1
Obesity	monocyte	<i>VPS37D</i>	0.056004696	0.000708026	0.066111888	1
Obesity	monocyte	<i>WDR24</i>	-0.009462717	0.041207695	0.52464171	1
Obesity	monocyte	<i>WDR5B</i>	0.013155232	0.026556764	0.430090026	1
Obesity	monocyte	<i>YPEL3</i>	-0.003577669	0.038492732	0.510050038	1
Obesity	monocyte	<i>YTHDF3-AS1</i>	-0.02985805	0.037560301	0.508611114	1
Obesity	monocyte	<i>ZBTB49</i>	0.006933683	0.043187314	0.529538279	1
Obesity	monocyte	<i>ZFP28</i>	-0.010248876	0.002226449	0.126682337	1
Obesity	monocyte	<i>ZFP41</i>	0.024288665	0.042476636	0.526841382	1
Obesity	monocyte	<i>ZKSCAN1</i>	0.006063362	0.00027164	0.037751702	1
Obesity	monocyte	<i>ZNF107</i>	-0.004624028	0.039199149	0.512591056	1
Obesity	monocyte	<i>ZNF132</i>	0.016287424	0.030486757	0.459936824	1
Obesity	monocyte	<i>ZNF14</i>	0.013163926	1.52E-05	0.009081318	0.090813184
Obesity	monocyte	<i>ZNF142</i>	0.017781125	0.004620769	0.181125535	1
Obesity	monocyte	<i>ZNF202</i>	0.009218594	0.00580897	0.207085829	1
Obesity	monocyte	<i>ZNF229</i>	0.081013722	0.001766535	0.114747973	1
Obesity	monocyte	<i>ZNF260</i>	0.00848934	0.002081685	0.122427771	1
Obesity	monocyte	<i>ZNF266</i>	-0.004668885	0.027560603	0.43920577	1
Obesity	monocyte	<i>ZNF273</i>	0.01238682	0.000109715	0.024520318	0.655654165
Obesity	monocyte	<i>ZNF283</i>	0.008617738	0.045591743	0.536513223	1
Obesity	monocyte	<i>ZNF3</i>	0.007666938	0.013429838	0.32689755	1
Obesity	monocyte	<i>ZNF335</i>	0.00961156	0.029131346	0.449842178	1
Obesity	monocyte	<i>ZNF385C</i>	0.015838236	0.027833815	0.441206577	1
Obesity	monocyte	<i>ZNF391</i>	-0.017661399	0.017823997	0.360646009	1
Obesity	monocyte	<i>ZNF404</i>	0.015957528	0.019969893	0.383676157	1
Obesity	monocyte	<i>ZNF436</i>	0.012556067	0.030160967	0.458630883	1
Obesity	monocyte	<i>ZNF454</i>	0.01784641	0.02457132	0.412214596	1
Obesity	monocyte	<i>ZNF518B</i>	-0.016971819	0.0395271	0.515750981	1
Obesity	monocyte	<i>ZNF547</i>	0.050631091	0.005020312	0.191091617	1
Obesity	monocyte	<i>ZNF575</i>	-0.026398445	0.001435078	0.100894447	1
Obesity	monocyte	<i>ZNF582-AS1</i>	0.01760317	0.032380878	0.468793712	1
Obesity	monocyte	<i>ZNF585A</i>	0.01421855	0.014787131	0.335999607	1
Obesity	monocyte	<i>ZNF66</i>	0.006362861	0.040600191	0.520788232	1
Obesity	monocyte	<i>ZNF665</i>	-0.011100129	0.04205312	0.524800325	1
Obesity	monocyte	<i>ZNF713</i>	0.040537191	0.049914065	0.557290975	1

Obesity	monocyte	<i>ZNF740</i>	-0.012145279	0.002296432	0.126682337	1
Obesity	monocyte	<i>ZNF835</i>	0.020571782	0.041914847	0.524800325	1
Obesity	monocyte	<i>ZSCAN21</i>	0.007148218	0.034444492	0.4861397	1
Obesity	monocyte	<i>BPIFB4</i>	0.00753968	0.024884112	0.414226889	1
Obesity	monocyte	<i>DNAH10OS</i>	0.059680987	0.005694579	0.207085829	1
Obesity	monocyte	<i>HLA-DOB</i>	0.008525662	0.019297477	0.376868371	1
Obesity	monocyte	<i>RASD2</i>	-0.032816281	0.030569842	0.459936824	1
Obesity	monocyte	<i>TEN1</i>	0.090354159	0.011819456	0.307100291	1
Obesity	monocyte	<i>OPN4</i>	-0.015730516	0.021324041	0.390415027	1
Obesity	monocyte	<i>AP005482.1</i>	0.005306634	0.019633869	0.379715208	1
Obesity	monocyte	<i>PGA3</i>	0.008773509	5.89E-07	0.00087977	0.003519081
Obesity	monocyte	<i>LINC01123</i>	0.014523728	0.017863323	0.360646009	1
Obesity	monocyte	<i>SIGLEC5</i>	0.010751728	7.24E-05	0.018017383	0.432417192
Obesity	monocyte	<i>TBC1D26</i>	0.007243279	0.009674493	0.275308423	1
Obesity	monocyte	<i>PGA5</i>	0.130951235	0.000252012	0.036793401	1
Obesity	monocyte	<i>CYP1A1</i>	0.018638314	0.001507888	0.101738725	1
Obesity	monocyte	<i>KIF25-AS1</i>	-0.008472986	0.04659306	0.540660445	1
Obesity	neutrophil	<i>ABCF3</i>	0.015807619	0.029953709	0.509981095	1
Obesity	neutrophil	<i>AC069213.1</i>	-0.080293317	0.034216275	0.547428098	1
Obesity	neutrophil	<i>AC123768.3</i>	0.016981066	0.039643269	0.579830497	1
Obesity	neutrophil	<i>ACBD4</i>	-0.006445453	0.032758659	0.542287379	1
Obesity	neutrophil	<i>ACOT4</i>	0.021610918	0.026309409	0.483769326	1
Obesity	neutrophil	<i>ACTR5</i>	-0.008563018	0.015440425	0.392646735	1
Obesity	neutrophil	<i>ACTR8</i>	-0.010530139	0.011409934	0.333489627	1
Obesity	neutrophil	<i>ADAM8</i>	-0.007525341	0.024007851	0.474777115	1
Obesity	neutrophil	<i>ADSS</i>	0.008284847	0.00010262	0.025552297	0.613255138
Obesity	neutrophil	<i>AGRN</i>	-0.025779457	0.000464164	0.053250912	1
Obesity	neutrophil	<i>AK9</i>	0.005623585	0.005271149	0.23131058	1
Obesity	neutrophil	<i>AKAP11</i>	-0.002990816	0.035974696	0.558402038	1
Obesity	neutrophil	<i>ALDH7A1</i>	0.005287921	0.049341214	0.617599045	1
Obesity	neutrophil	<i>ALG10</i>	-0.008800495	0.043527117	0.592524036	1
Obesity	neutrophil	<i>ALKBH5</i>	0.007710801	0.000239442	0.038025305	1
Obesity	neutrophil	<i>ALOX12</i>	-0.010831626	0.009730607	0.313002255	1
Obesity	neutrophil	<i>AMACR</i>	-0.019010531	0.049513589	0.617599045	1
Obesity	neutrophil	<i>ANGEL1</i>	0.006030632	0.039818987	0.579830497	1
Obesity	neutrophil	<i>ANGPTL5</i>	0.027690411	2.04E-05	0.008002063	0.121986548
Obesity	neutrophil	<i>ANK1</i>	0.016649928	0.006215763	0.242242134	1
Obesity	neutrophil	<i>ANKDD1A</i>	0.004636197	0.006278118	0.242242134	1
Obesity	neutrophil	<i>ANXA5</i>	0.002892812	0.043185141	0.592524036	1
Obesity	neutrophil	<i>AP2S1</i>	0.013217798	0.000307252	0.041730343	1
Obesity	neutrophil	<i>AP3S2</i>	-0.007517607	0.001439297	0.104319317	1
Obesity	neutrophil	<i>APAF1</i>	0.003011239	0.019233728	0.4323121	1
Obesity	neutrophil	<i>APOBEC3D</i>	-0.016938358	0.037502001	0.571521541	1
Obesity	neutrophil	<i>APOL5</i>	-0.044165276	0.035778166	0.557933636	1
Obesity	neutrophil	<i>AQP3</i>	-0.017614527	0.000472272	0.053250912	1
Obesity	neutrophil	<i>ARHGAP44</i>	-0.00371161	0.023026038	0.474495177	1
Obesity	neutrophil	<i>ARHGEF39</i>	-0.032576782	0.016771543	0.40090697	1
Obesity	neutrophil	<i>ARMC9</i>	0.007586031	0.032898084	0.543091025	1
Obesity	neutrophil	<i>ASB6</i>	-0.012783105	0.03365356	0.546429486	1
Obesity	neutrophil	<i>ASXL2</i>	0.004157461	0.013268806	0.362074823	1
Obesity	neutrophil	<i>ATAD1</i>	0.00354374	0.044730036	0.601835146	1
Obesity	neutrophil	<i>ATAD2</i>	-0.004741798	0.024439868	0.474777115	1

Obesity	neutrophil	<i>ATF5</i>	0.009220643	0.040164772	0.579830497	1
Obesity	neutrophil	<i>ATP10B</i>	-0.015360574	0.014174115	0.370990306	1
Obesity	neutrophil	<i>ATP10D</i>	-0.003200091	0.038757655	0.576158566	1
Obesity	neutrophil	<i>ATP13A1</i>	-0.010462279	0.000333696	0.044314841	1
Obesity	neutrophil	<i>ATP1B2</i>	-0.032153544	0.003516402	0.182730609	1
Obesity	neutrophil	<i>ATP6V0D2</i>	0.016507939	0.031189089	0.526514118	1
Obesity	neutrophil	<i>ATP6V0E2</i>	-0.016058748	0.03379422	0.546429486	1
Obesity	neutrophil	<i>ATP6V1G2</i>	-0.019559588	0.013222495	0.362074823	1
Obesity	neutrophil	<i>ATR</i>	0.003013077	0.001856958	0.1193245	1
Obesity	neutrophil	<i>AVPR1A</i>	-0.003850671	0.047525057	0.604276039	1
Obesity	neutrophil	<i>B3GALT2</i>	0.016724836	0.007092667	0.263606632	1
Obesity	neutrophil	<i>BABAM1</i>	-0.012860793	0.008358661	0.291462499	1
Obesity	neutrophil	<i>BAK1</i>	-0.016904193	0.049411157	0.617599045	1
Obesity	neutrophil	<i>BANF1</i>	-0.01773794	0.003710727	0.188749525	1
Obesity	neutrophil	<i>BBS1</i>	0.011497782	0.026972459	0.491425053	1
Obesity	neutrophil	<i>BCL2L1</i>	-0.003889364	0.005654334	0.234602349	1
Obesity	neutrophil	<i>BCR</i>	0.00317482	0.016324946	0.400412906	1
Obesity	neutrophil	<i>BLOC1S1</i>	0.008397629	0.00994635	0.31439769	1
Obesity	neutrophil	<i>BRAT1</i>	0.009297358	3.61E-07	0.000431745	0.002158724
Obesity	neutrophil	<i>BROX</i>	-0.00659176	0.034044164	0.547428098	1
Obesity	neutrophil	<i>BRSK2</i>	-0.026789408	0.042259258	0.592524036	1
Obesity	neutrophil	<i>BSCL2</i>	0.050864436	0.040452784	0.579830497	1
Obesity	neutrophil	<i>BTBD19</i>	0.010816979	0.014766504	0.378732314	1
Obesity	neutrophil	<i>C10orf107</i>	0.032136292	4.17E-05	0.012473635	0.2494727
Obesity	neutrophil	<i>C10orf25</i>	-0.055002393	0.00518452	0.23131058	1
Obesity	neutrophil	<i>C10orf95</i>	0.029196226	0.00044353	0.051971329	1
Obesity	neutrophil	<i>C11orf24</i>	0.010244498	0.028503767	0.501525051	1
Obesity	neutrophil	<i>C11orf54</i>	-0.005624295	0.02618775	0.483769326	1
Obesity	neutrophil	<i>C17orf49</i>	0.053305944	0.000251585	0.038344701	1
Obesity	neutrophil	<i>C17orf51</i>	-0.018709157	0.037899016	0.571930601	1
Obesity	neutrophil	<i>C19orf71</i>	0.013683454	0.035851157	0.557933636	1
Obesity	neutrophil	<i>C1orf100</i>	-0.019082806	0.0163022	0.400412906	1
Obesity	neutrophil	<i>C1orf109</i>	-0.007824718	0.023701811	0.474777115	1
Obesity	neutrophil	<i>C1orf115</i>	0.013493294	0.046228068	0.601835146	1
Obesity	neutrophil	<i>C1orf21</i>	0.001906308	0.000724005	0.070966276	1
Obesity	neutrophil	<i>C21orf33</i>	0.048512701	0.010577576	0.319250462	1
Obesity	neutrophil	<i>C5</i>	0.006866543	0.037330659	0.570557586	1
Obesity	neutrophil	<i>C6orf106</i>	-0.004394615	0.043513456	0.592524036	1
Obesity	neutrophil	<i>C6orf132</i>	0.010965044	0.043450919	0.592524036	1
Obesity	neutrophil	<i>C8orf33</i>	0.006861753	0.006156565	0.242242134	1
Obesity	neutrophil	<i>CAMK2A</i>	-0.050561341	6.11E-08	0.000121794	0.000365381
Obesity	neutrophil	<i>CAMSAP3</i>	0.030747316	0.032518402	0.541309103	1
Obesity	neutrophil	<i>CARD10</i>	0.011320731	0.024199595	0.474777115	1
Obesity	neutrophil	<i>CARD14</i>	0.00457907	0.040109436	0.579830497	1
Obesity	neutrophil	<i>CARS</i>	0.009006091	0.005281627	0.23131058	1
Obesity	neutrophil	<i>CASP9</i>	-0.014712777	0.001735975	0.115268735	1
Obesity	neutrophil	<i>CBR4</i>	0.001615932	0.01949693	0.436380717	1
Obesity	neutrophil	<i>CBX6</i>	0.006321589	0.025974294	0.483558825	1
Obesity	neutrophil	<i>CCBE1</i>	0.012184591	0.002292248	0.141221364	1
Obesity	neutrophil	<i>CCDC146</i>	0.003252429	0.005818829	0.23655322	1
Obesity	neutrophil	<i>CCDC154</i>	-0.019330188	2.64E-05	0.008886799	0.157688595
Obesity	neutrophil	<i>CCDC30</i>	0.007980985	0.003305652	0.174819268	1

Obesity	neutrophil	<i>CCDC71L</i>	-0.008936486	0.046268752	0.601835146	1
Obesity	neutrophil	<i>CCDC8</i>	-0.027654743	0.0008729	0.076712478	1
Obesity	neutrophil	<i>CCL23</i>	-0.048970185	0.039422083	0.579830497	1
Obesity	neutrophil	<i>CCNA2</i>	-0.016181762	0.020277059	0.445876065	1
Obesity	neutrophil	<i>CD302</i>	0.009411288	0.002482654	0.148363392	1
Obesity	neutrophil	<i>CD4</i>	0.003050487	0.015810865	0.398465349	1
Obesity	neutrophil	<i>CD59</i>	0.003944748	0.02478756	0.474777115	1
Obesity	neutrophil	<i>CDRT4</i>	0.040273838	0.003243254	0.174265145	1
Obesity	neutrophil	<i>CEP95</i>	0.003261035	0.020637541	0.446847623	1
Obesity	neutrophil	<i>CEPT1</i>	0.002744482	0.016284226	0.400412906	1
Obesity	neutrophil	<i>CFDP1</i>	0.002572899	0.013485768	0.364083399	1
Obesity	neutrophil	<i>CFL2</i>	0.007016716	0.033385054	0.546429486	1
Obesity	neutrophil	<i>CHDH</i>	0.045590893	0.001027405	0.0852746	1
Obesity	neutrophil	<i>CHST12</i>	0.004176857	0.027986772	0.499268091	1
Obesity	neutrophil	<i>CIB2</i>	0.030090414	0.010497777	0.319250462	1
Obesity	neutrophil	<i>CITED4</i>	0.018536188	0.041701975	0.589151312	1
Obesity	neutrophil	<i>CKAP2</i>	-0.011803605	0.000263074	0.038344701	1
Obesity	neutrophil	<i>CLEC12B</i>	0.02095154	0.042978403	0.592524036	1
Obesity	neutrophil	<i>CMBL</i>	0.008112084	0.006283054	0.242242134	1
Obesity	neutrophil	<i>COA1</i>	-0.001982737	0.020414329	0.445876065	1
Obesity	neutrophil	<i>COMMD4</i>	-0.007089306	0.028785658	0.501525051	1
Obesity	neutrophil	<i>COX7A2L</i>	-0.005372586	0.007181673	0.264923954	1
Obesity	neutrophil	<i>CPOX</i>	-0.005672035	0.04563582	0.601835146	1
Obesity	neutrophil	<i>CPSF3</i>	-0.005828634	0.036601237	0.563734518	1
Obesity	neutrophil	<i>CRIM1</i>	-0.001465161	0.014097428	0.370990306	1
Obesity	neutrophil	<i>CUTC</i>	0.003374008	0.009999505	0.31439769	1
Obesity	neutrophil	<i>CYP26B1</i>	0.010716778	0.011624078	0.333489627	1
Obesity	neutrophil	<i>CYP4A11</i>	-0.02172486	0.012452286	0.349365542	1
Obesity	neutrophil	<i>DCT</i>	0.014951359	0.025034355	0.475995486	1
Obesity	neutrophil	<i>DDB2</i>	0.005536944	0.045566256	0.601835146	1
Obesity	neutrophil	<i>DDO</i>	-0.024975133	0.034359297	0.547428098	1
Obesity	neutrophil	<i>DDX18</i>	0.002659896	0.046426707	0.601835146	1
Obesity	neutrophil	<i>DFFB</i>	0.010352521	0.033777732	0.546429486	1
Obesity	neutrophil	<i>DGCR2</i>	-0.003868687	0.048786036	0.615074575	1
Obesity	neutrophil	<i>DHX57</i>	0.008116257	0.000136972	0.027130107	0.818542843
Obesity	neutrophil	<i>DICER1</i>	0.001948064	0.015210593	0.388455154	1
Obesity	neutrophil	<i>DISP2</i>	-0.025799217	0.032616815	0.541439122	1
Obesity	neutrophil	<i>DMTN</i>	0.013128439	0.004171681	0.207749714	1
Obesity	neutrophil	<i>DNAH17</i>	0.008907317	0.0369189	0.567070895	1
Obesity	neutrophil	<i>DNAH5</i>	-0.019706762	1.70E-06	0.001696692	0.010180153
Obesity	neutrophil	<i>DNAH6</i>	0.009036089	0.002082268	0.130985589	1
Obesity	neutrophil	<i>DNAJC10</i>	0.002675316	0.023260571	0.474777115	1
Obesity	neutrophil	<i>DNAJC17</i>	0.004005158	0.00568886	0.234602349	1
Obesity	neutrophil	<i>DNAJC21</i>	0.005907914	0.039915733	0.579830497	1
Obesity	neutrophil	<i>DNAJC8</i>	0.005001571	0.021972225	0.461152387	1
Obesity	neutrophil	<i>DOCK7</i>	0.00429838	0.007634794	0.274852589	1
Obesity	neutrophil	<i>DPP3</i>	0.011114082	0.026592549	0.487475681	1
Obesity	neutrophil	<i>DPY19L2</i>	-0.002429034	0.010147818	0.31585085	1
Obesity	neutrophil	<i>DR1</i>	-0.004585159	0.025090124	0.475995486	1
Obesity	neutrophil	<i>DTX1</i>	0.007669838	0.028757151	0.501525051	1
Obesity	neutrophil	<i>DTX4</i>	-0.013583169	0.002443049	0.147471299	1
Obesity	neutrophil	<i>DUSP22</i>	-0.003652182	0.046923373	0.603414466	1

Obesity	neutrophil	<i>ELP3</i>	0.003326233	0.007101852	0.263606632	1
Obesity	neutrophil	<i>ENSA</i>	0.003055482	0.027438932	0.495523023	1
Obesity	neutrophil	<i>ERICH1</i>	0.003951905	0.000293058	0.040728248	1
Obesity	neutrophil	<i>EXO5</i>	-0.024679993	0.002690551	0.153130801	1
Obesity	neutrophil	<i>F2RL1</i>	-0.089063437	3.32E-05	0.010433861	0.198243367
Obesity	neutrophil	<i>FAIM2</i>	0.010966273	0.049943477	0.617599045	1
Obesity	neutrophil	<i>FAM110D</i>	0.012690485	0.031911097	0.536189922	1
Obesity	neutrophil	<i>FAM111A</i>	-0.005201073	0.000190304	0.032493118	1
Obesity	neutrophil	<i>FAM135B</i>	-0.045668318	8.56E-06	0.005684134	0.051157202
Obesity	neutrophil	<i>FAM153C</i>	0.030849941	0.000856789	0.076420458	1
Obesity	neutrophil	<i>FAM196A</i>	0.003419352	0.02023527	0.445876065	1
Obesity	neutrophil	<i>FAM228A</i>	-0.064231466	0.008738585	0.298410197	1
Obesity	neutrophil	<i>FANCA</i>	-0.009772276	0.047086498	0.603414466	1
Obesity	neutrophil	<i>FGFBP3</i>	-0.012782988	0.038586567	0.576158566	1
Obesity	neutrophil	<i>FLRT2</i>	0.001969248	0.006037386	0.240546166	1
Obesity	neutrophil	<i>FNDC1</i>	0.005515886	0.012688246	0.352849168	1
Obesity	neutrophil	<i>FOLR3</i>	0.025357182	0.012701566	0.352849168	1
Obesity	neutrophil	<i>FOXS1</i>	-0.048293249	0.002075393	0.130985589	1
Obesity	neutrophil	<i>GALNT14</i>	-0.008128198	0.004389394	0.211540487	1
Obesity	neutrophil	<i>GALNT18</i>	0.001990522	0.047422394	0.60425635	1
Obesity	neutrophil	<i>GAS2L2</i>	0.10611086	1.59E-05	0.00732804	0.095264523
Obesity	neutrophil	<i>GCFC2</i>	0.001856746	0.049500964	0.617599045	1
Obesity	neutrophil	<i>GID8</i>	-0.005100732	0.014050084	0.370990306	1
Obesity	neutrophil	<i>GM2A</i>	-0.004074975	0.042470061	0.592524036	1
Obesity	neutrophil	<i>GMPPB</i>	-0.016775983	0.000854394	0.076420458	1
Obesity	neutrophil	<i>GNL3</i>	0.003907891	0.011348826	0.333489627	1
Obesity	neutrophil	<i>GOLGA5</i>	0.008220397	0.009508271	0.309196315	1
Obesity	neutrophil	<i>GOLGA8M</i>	-0.016769231	0.040889206	0.581794982	1
Obesity	neutrophil	<i>GORASP1</i>	0.024982349	0.000140735	0.027130107	0.841033318
Obesity	neutrophil	<i>GOSR1</i>	0.002594945	0.024726885	0.474777115	1
Obesity	neutrophil	<i>GPA33</i>	-0.027638964	0.024116485	0.474777115	1
Obesity	neutrophil	<i>GPIHBP1</i>	-0.007491822	0.012272895	0.3475963	1
Obesity	neutrophil	<i>GPN3</i>	0.012666552	0.000116435	0.025888267	0.695813342
Obesity	neutrophil	<i>GPNMB</i>	0.002654808	0.021932555	0.461152387	1
Obesity	neutrophil	<i>GRID2IP</i>	-0.011468497	0.041257739	0.584256516	1
Obesity	neutrophil	<i>GRPEL1</i>	-0.005673352	0.027472245	0.495523023	1
Obesity	neutrophil	<i>GSAP</i>	0.001971746	0.010558958	0.319250462	1
Obesity	neutrophil	<i>GSTM3</i>	0.015595051	0.004624093	0.221068629	1
Obesity	neutrophil	<i>GSTM4</i>	0.023975014	0.000618809	0.063758698	1
Obesity	neutrophil	<i>GTSF1</i>	-0.026620686	0.00054433	0.059143889	1
Obesity	neutrophil	<i>H1FX</i>	0.009156173	0.000398945	0.050725476	1
Obesity	neutrophil	<i>HAAO</i>	0.00699657	0.046258601	0.601835146	1
Obesity	neutrophil	<i>HAGH</i>	0.003677946	0.025611417	0.48130134	1
Obesity	neutrophil	<i>HAGHL</i>	0.015450235	0.000434279	0.051971329	1
Obesity	neutrophil	<i>HDAC2</i>	0.004169167	0.018883627	0.427456641	1
Obesity	neutrophil	<i>HDHD2</i>	0.014388393	0.024692416	0.474777115	1
Obesity	neutrophil	<i>HEATR6</i>	-0.009743021	0.00156626	0.108836864	1
Obesity	neutrophil	<i>HIST1H3E</i>	0.014441003	0.04035022	0.579830497	1
Obesity	neutrophil	<i>HNRNPAIL2</i>	-0.029702436	0.003841938	0.192936316	1
Obesity	neutrophil	<i>HOXA4</i>	-0.060858491	4.47E-08	0.000121794	0.000267001
Obesity	neutrophil	<i>HOXC5</i>	0.032068849	0.040265047	0.579830497	1
Obesity	neutrophil	<i>HPS3</i>	0.006249492	0.026116298	0.483769326	1

Obesity	neutrophil	<i>HPS4</i>	0.004056707	0.013647035	0.364083399	1
Obesity	neutrophil	<i>HSPA12A</i>	0.00307491	0.045341006	0.601835146	1
Obesity	neutrophil	<i>HUS1</i>	-0.004799239	0.007967314	0.283408742	1
Obesity	neutrophil	<i>IFT172</i>	-0.006654389	0.008056337	0.284879717	1
Obesity	neutrophil	<i>IGSF11</i>	-0.023080112	0.011118329	0.332215659	1
Obesity	neutrophil	<i>INSRR</i>	0.039863773	0.035695964	0.557933636	1
Obesity	neutrophil	<i>IQSEC3</i>	-0.029044582	0.002261799	0.140797005	1
Obesity	neutrophil	<i>IRF6</i>	-0.029381622	0.02869473	0.501525051	1
Obesity	neutrophil	<i>ITIH4</i>	-0.013332354	0.028419897	0.501525051	1
Obesity	neutrophil	<i>JAKMIP3</i>	-0.034534996	0.028144607	0.499268091	1
Obesity	neutrophil	<i>KCNN2</i>	0.014077437	0.021992709	0.461152387	1
Obesity	neutrophil	<i>KCTD2</i>	-0.006790617	0.020494719	0.445876065	1
Obesity	neutrophil	<i>KHDRBS3</i>	-0.002386652	0.034591062	0.548318802	1
Obesity	neutrophil	<i>KIAA0825</i>	0.002085498	0.03782216	0.571930601	1
Obesity	neutrophil	<i>KIAA1755</i>	0.010172398	0.011719013	0.333489627	1
Obesity	neutrophil	<i>KLHL12</i>	0.008270174	0.002579914	0.149685089	1
Obesity	neutrophil	<i>KLHL24</i>	-0.002891214	0.042324574	0.592524036	1
Obesity	neutrophil	<i>KLHL30</i>	-0.031742419	0.023545392	0.474777115	1
Obesity	neutrophil	<i>KNSTRN</i>	0.023191299	0.000672232	0.068089076	1
Obesity	neutrophil	<i>KPNA4</i>	-0.002529106	0.0116528	0.333489627	1
Obesity	neutrophil	<i>KPNA5</i>	-0.004741123	0.011605786	0.333489627	1
Obesity	neutrophil	<i>LIN7C</i>	-0.006545474	0.013610603	0.364083399	1
Obesity	neutrophil	<i>LINC00526</i>	0.020502064	0.035390935	0.556569027	1
Obesity	neutrophil	<i>LINC00839</i>	0.045107731	0.01766212	0.409103998	1
Obesity	neutrophil	<i>LINC00920</i>	0.031690472	0.016541427	0.40090697	1
Obesity	neutrophil	<i>LINC00957</i>	0.076233606	0.023886914	0.474777115	1
Obesity	neutrophil	<i>LINC01068</i>	0.027287102	0.047833853	0.605816883	1
Obesity	neutrophil	<i>LINC01140</i>	-0.020385239	0.004975843	0.226989581	1
Obesity	neutrophil	<i>LMX1A</i>	0.00814753	0.005418923	0.23131058	1
Obesity	neutrophil	<i>LONP2</i>	0.005225061	0.001118226	0.089100281	1
Obesity	neutrophil	<i>LRBA</i>	-0.000930878	0.033269497	0.546204702	1
Obesity	neutrophil	<i>LRCH4</i>	-0.015702781	0.046413419	0.601835146	1
Obesity	neutrophil	<i>LRRC15</i>	0.015129004	0.021213163	0.454372265	1
Obesity	neutrophil	<i>LRRC27</i>	0.008387147	0.024578678	0.474777115	1
Obesity	neutrophil	<i>LRRC3</i>	0.021330521	0.028108118	0.499268091	1
Obesity	neutrophil	<i>LXN</i>	0.005236731	0.045927873	0.601835146	1
Obesity	neutrophil	<i>LY6K</i>	-0.01942987	0.029381036	0.505182284	1
Obesity	neutrophil	<i>LY75</i>	-0.016650282	0.023377392	0.474777115	1
Obesity	neutrophil	<i>MALRD1</i>	0.007254038	0.012992283	0.357796699	1
Obesity	neutrophil	<i>MAP1LC3A</i>	-0.006301156	0.010273497	0.316681233	1
Obesity	neutrophil	<i>MAPK8</i>	0.004932261	1.46E-05	0.007291035	0.08749242
Obesity	neutrophil	<i>MATN3</i>	-0.035626044	0.034137251	0.547428098	1
Obesity	neutrophil	<i>MCAT</i>	-0.031915244	0.009002887	0.300833181	1
Obesity	neutrophil	<i>METAP1D</i>	0.005580146	0.021391692	0.454935054	1
Obesity	neutrophil	<i>METTL2B</i>	0.009646229	0.010541369	0.319250462	1
Obesity	neutrophil	<i>MFAP1</i>	0.01030685	0.015869269	0.398465349	1
Obesity	neutrophil	<i>MFN2</i>	0.008815259	0.042578571	0.592524036	1
Obesity	neutrophil	<i>MFSD1</i>	-0.002455697	0.036251769	0.56124501	1
Obesity	neutrophil	<i>MGEA5</i>	-0.002123252	0.019242808	0.4323121	1
Obesity	neutrophil	<i>MGRN1</i>	-0.004941853	0.004789308	0.223600826	1
Obesity	neutrophil	<i>MLF1</i>	0.009795695	0.000577997	0.060598377	1
Obesity	neutrophil	<i>MLF2</i>	0.012723468	0.00554512	0.234602349	1

Obesity	neutrophil	<i>MPZL3</i>	-0.0050904	0.021495725	0.455526427	1
Obesity	neutrophil	<i>MROH6</i>	0.024405369	0.038662188	0.576158566	1
Obesity	neutrophil	<i>MRPL14</i>	-0.007949842	0.022396465	0.467976487	1
Obesity	neutrophil	<i>MRPL43</i>	-0.006203982	0.04677634	0.603414466	1
Obesity	neutrophil	<i>MRPL54</i>	0.006365656	0.042716221	0.592524036	1
Obesity	neutrophil	<i>MSH6</i>	0.004194031	0.00540741	0.23131058	1
Obesity	neutrophil	<i>MTHFD1</i>	-0.005096915	0.026273094	0.483769326	1
Obesity	neutrophil	<i>MUC4</i>	-0.016492006	0.008853663	0.30037624	1
Obesity	neutrophil	<i>NAGLU</i>	0.008922689	0.016729879	0.40090697	1
Obesity	neutrophil	<i>NARFL</i>	0.008921324	0.001812731	0.117748679	1
Obesity	neutrophil	<i>NARS</i>	-0.003957816	0.005402082	0.23131058	1
Obesity	neutrophil	<i>NBPF3</i>	0.007214063	0.047333128	0.60425635	1
Obesity	neutrophil	<i>NCOA6</i>	0.002327691	0.023451299	0.474777115	1
Obesity	neutrophil	<i>NDUFA6</i>	-0.006148831	0.033718985	0.546429486	1
Obesity	neutrophil	<i>NDUF4F4</i>	0.006361405	0.005780654	0.23655322	1
Obesity	neutrophil	<i>NDUFB1</i>	0.005166781	0.035533956	0.557351499	1
Obesity	neutrophil	<i>NEK11</i>	0.004159841	0.024573375	0.474777115	1
Obesity	neutrophil	<i>NFAT5</i>	0.001917467	0.016129872	0.400412906	1
Obesity	neutrophil	<i>NFYA</i>	-0.006448625	0.000777561	0.074946893	1
Obesity	neutrophil	<i>NHLRC2</i>	0.005553316	0.001448879	0.104319317	1
Obesity	neutrophil	<i>NLN</i>	-0.006463926	0.001597324	0.109719628	1
Obesity	neutrophil	<i>NME4</i>	0.009140519	0.00280484	0.158129494	1
Obesity	neutrophil	<i>NOM1</i>	0.003611482	0.048470471	0.612388027	1
Obesity	neutrophil	<i>NRXN2</i>	-0.010623229	0.045766785	0.601835146	1
Obesity	neutrophil	<i>NTMT1</i>	0.016859912	0.005692326	0.234602349	1
Obesity	neutrophil	<i>NUDT12</i>	-0.012390515	0.000123156	0.025888267	0.735977912
Obesity	neutrophil	<i>NUTM2B</i>	-0.006904085	0.00021365	0.035465967	1
Obesity	neutrophil	<i>NUTM2D</i>	-0.088587692	0.027656937	0.496329899	1
Obesity	neutrophil	<i>ODF3B</i>	-0.007640564	0.049734485	0.617599045	1
Obesity	neutrophil	<i>OGN</i>	-0.005079506	0.024515257	0.474777115	1
Obesity	neutrophil	<i>OLFM2</i>	-0.007403113	0.037726526	0.571930601	1
Obesity	neutrophil	<i>OLR1</i>	0.019232534	0.040997842	0.581955114	1
Obesity	neutrophil	<i>ORMDL3</i>	-0.007780364	0.046544695	0.602058651	1
Obesity	neutrophil	<i>OVGP1</i>	0.022292514	0.040076819	0.579830497	1
Obesity	neutrophil	<i>P2RX6</i>	0.022271186	0.020953366	0.452048066	1
Obesity	neutrophil	<i>PACSLN3</i>	-0.024736307	0.0090109	0.300833181	1
Obesity	neutrophil	<i>PAPD7</i>	-0.006770068	0.01158999	0.333489627	1
Obesity	neutrophil	<i>PARK7</i>	0.005057472	0.006832822	0.257184204	1
Obesity	neutrophil	<i>PCDHB15</i>	0.035573589	0.009742038	0.313002255	1
Obesity	neutrophil	<i>PCDHB16</i>	0.012717887	0.045776615	0.601835146	1
Obesity	neutrophil	<i>PCGF3</i>	-0.004462181	0.037007639	0.567070895	1
Obesity	neutrophil	<i>PCSK2</i>	-0.021301198	0.012753584	0.352849168	1
Obesity	neutrophil	<i>PEX5</i>	-0.018095246	0.0163498	0.400412906	1
Obesity	neutrophil	<i>PGS1</i>	0.004161365	0.046310721	0.601835146	1
Obesity	neutrophil	<i>PHC1</i>	-0.019483572	0.000811534	0.075776984	1
Obesity	neutrophil	<i>PHF2</i>	0.006641837	0.003604095	0.185673009	1
Obesity	neutrophil	<i>PIGZ</i>	0.006402955	0.00873385	0.298410197	1
Obesity	neutrophil	<i>PIP4K2B</i>	0.012709635	0.009180641	0.303113311	1
Obesity	neutrophil	<i>PIP5KL1</i>	0.023105722	0.004910354	0.225725175	1
Obesity	neutrophil	<i>PIWIL2</i>	0.010475278	0.021360508	0.454935054	1
Obesity	neutrophil	<i>PLD1</i>	0.002447708	0.028686993	0.501525051	1
Obesity	neutrophil	<i>PLEKHJ1</i>	0.009391977	0.004770971	0.223600826	1

Obesity	neutrophil	<i>PLEKHM1</i>	0.003920893	0.031941702	0.536189922	1
Obesity	neutrophil	<i>PLEKHS1</i>	0.034293669	0.047848991	0.605816883	1
Obesity	neutrophil	<i>PLIN2</i>	-0.002888992	0.023954902	0.474777115	1
Obesity	neutrophil	<i>PLLP</i>	0.011100191	0.037585001	0.571521541	1
Obesity	neutrophil	<i>PLOD1</i>	-0.010612883	0.00016698	0.029349258	0.997874769
Obesity	neutrophil	<i>PLVAP</i>	-0.005601006	0.025968567	0.483558825	1
Obesity	neutrophil	<i>PM20D1</i>	0.007198974	0.045470757	0.601835146	1
Obesity	neutrophil	<i>PMEL</i>	-0.014920055	0.007577278	0.274435242	1
Obesity	neutrophil	<i>POLR2E</i>	-0.00979661	0.003229329	0.174265145	1
Obesity	neutrophil	<i>POLR3G</i>	0.007333366	0.047154377	0.603414466	1
Obesity	neutrophil	<i>POU5F1</i>	0.024364591	0.02297633	0.474495177	1
Obesity	neutrophil	<i>PPP1R1C</i>	0.034837348	0.042795075	0.592524036	1
Obesity	neutrophil	<i>PRKD2</i>	-0.003384682	0.013411736	0.364083399	1
Obesity	neutrophil	<i>PRKD3</i>	0.00351955	0.005250448	0.23131058	1
Obesity	neutrophil	<i>PRPF4</i>	-0.00945888	0.001674652	0.112446327	1
Obesity	neutrophil	<i>PRR13</i>	-0.010156968	0.044360481	0.601835146	1
Obesity	neutrophil	<i>PRTN3</i>	0.008075581	7.85E-05	0.02038404	0.468832929
Obesity	neutrophil	<i>PSG4</i>	-0.025294407	0.016222869	0.400412906	1
Obesity	neutrophil	<i>PTCHD3</i>	-0.027924079	0.01709401	0.403144262	1
Obesity	neutrophil	<i>PWP2</i>	0.059850645	0.001051444	0.085406907	1
Obesity	neutrophil	<i>PWRN1</i>	-0.013894446	0.043098201	0.592524036	1
Obesity	neutrophil	<i>RAB13</i>	-0.009809699	0.004307389	0.209276053	1
Obesity	neutrophil	<i>RAB18</i>	-0.004413378	0.006340558	0.24289216	1
Obesity	neutrophil	<i>RAB24</i>	0.020537457	0.001618584	0.109916558	1
Obesity	neutrophil	<i>RABAC1</i>	0.004738428	0.030137234	0.511648041	1
Obesity	neutrophil	<i>RACGAP1</i>	0.0175593	0.01713498	0.403144262	1
Obesity	neutrophil	<i>RAF1</i>	-0.003279212	0.02372831	0.474777115	1
Obesity	neutrophil	<i>RBCK1</i>	0.007790882	0.008896686	0.30037624	1
Obesity	neutrophil	<i>RBM43</i>	-0.017969957	0.000441711	0.051971329	1
Obesity	neutrophil	<i>REXO1</i>	-0.008041174	0.0003714	0.048249762	1
Obesity	neutrophil	<i>RGCC</i>	-0.002898602	0.029097809	0.502760632	1
Obesity	neutrophil	<i>RHCE</i>	0.014875852	0.02497292	0.475995486	1
Obesity	neutrophil	<i>RHOD</i>	0.017742652	0.023908229	0.474777115	1
Obesity	neutrophil	<i>RILPL2</i>	-0.00385731	0.017606636	0.409103998	1
Obesity	neutrophil	<i>RIMKLA</i>	-0.02786399	0.034443267	0.547428098	1
Obesity	neutrophil	<i>RIMKLB</i>	0.005623547	0.002374895	0.144820125	1
Obesity	neutrophil	<i>RIPK1</i>	-0.004518983	6.30E-05	0.017917837	0.376274585
Obesity	neutrophil	<i>RNF123</i>	-0.006042465	0.026854135	0.490765476	1
Obesity	neutrophil	<i>RNF17</i>	-0.057664584	0.044936266	0.601835146	1
Obesity	neutrophil	<i>RPL12</i>	-0.004382391	0.004208462	0.207849345	1
Obesity	neutrophil	<i>RPL9</i>	-0.012445724	0.000259489	0.038344701	1
Obesity	neutrophil	<i>RPP25L</i>	-0.029412566	0.030697715	0.51968709	1
Obesity	neutrophil	<i>RRBP1</i>	-0.00231162	0.025854739	0.483558825	1
Obesity	neutrophil	<i>RRP15</i>	-0.004598917	0.034900695	0.55176337	1
Obesity	neutrophil	<i>RTN4RL2</i>	-0.035791494	0.018006413	0.412121059	1
Obesity	neutrophil	<i>RUFY1</i>	0.00260033	0.039954444	0.579830497	1
Obesity	neutrophil	<i>RWDD1</i>	0.007500746	0.038379831	0.574831749	1
Obesity	neutrophil	<i>RWDD3</i>	-0.026757453	0.00998949	0.31439769	1
Obesity	neutrophil	<i>RXRG</i>	0.044177809	0.005991533	0.240546166	1
Obesity	neutrophil	<i>SI00A10</i>	-0.002001757	0.014678176	0.378089564	1
Obesity	neutrophil	<i>SAMM50</i>	-0.010148642	0.018057802	0.412121059	1
Obesity	neutrophil	<i>SASS6</i>	0.012600337	0.000574185	0.060598377	1

Obesity	neutrophil	<i>SDHA</i>	0.005052673	0.000792001	0.075126916	1
Obesity	neutrophil	<i>SEMA4A</i>	0.006765887	0.011192439	0.332766247	1
Obesity	neutrophil	<i>SERF1A</i>	-0.040419267	0.002534185	0.148473439	1
Obesity	neutrophil	<i>SERF1B</i>	-0.079244461	0.015669981	0.396795781	1
Obesity	neutrophil	<i>SERPINC1</i>	-0.067716649	2.14E-05	0.008002063	0.128033002
Obesity	neutrophil	<i>SERPINH1</i>	0.005060761	0.000724388	0.070966276	1
Obesity	neutrophil	<i>SF3A3</i>	0.006505142	0.001447734	0.104319317	1
Obesity	neutrophil	<i>SGSH</i>	-0.012056172	0.008437586	0.291462499	1
Obesity	neutrophil	<i>SH3PXD2B</i>	0.00227714	0.020334946	0.445876065	1
Obesity	neutrophil	<i>SH3TC2</i>	0.013631867	0.038299926	0.574831749	1
Obesity	neutrophil	<i>SHB</i>	-0.034714174	0.010280482	0.316681233	1
Obesity	neutrophil	<i>SIGLEC11</i>	0.036040178	0.000149442	0.027908321	0.893066282
Obesity	neutrophil	<i>SIGLEC7</i>	0.012146418	0.032454651	0.541309103	1
Obesity	neutrophil	<i>SLC13A5</i>	0.05387383	0.005590877	0.234602349	1
Obesity	neutrophil	<i>SLC14A1</i>	0.011747132	0.025589832	0.48130134	1
Obesity	neutrophil	<i>SLC17A5</i>	-0.006731556	0.009520101	0.309196315	1
Obesity	neutrophil	<i>SLC22A16</i>	-0.0552298	0.001334235	0.102222925	1
Obesity	neutrophil	<i>SLC23A3</i>	-0.036388736	0.003266013	0.174265145	1
Obesity	neutrophil	<i>SLC25A17</i>	0.01114675	0.003726982	0.188749525	1
Obesity	neutrophil	<i>SLC25A30</i>	-0.010739808	0.001562489	0.108836864	1
Obesity	neutrophil	<i>SLC25A32</i>	-0.006963569	0.001792552	0.117717456	1
Obesity	neutrophil	<i>SLC25A38</i>	-0.008899425	0.025347972	0.479365436	1
Obesity	neutrophil	<i>SLC26A5</i>	0.005253748	0.000990623	0.084570905	1
Obesity	neutrophil	<i>SLC35C2</i>	-0.003556849	0.024722393	0.474777115	1
Obesity	neutrophil	<i>SLC37A1</i>	0.005726517	0.027529057	0.495523023	1
Obesity	neutrophil	<i>SLC37A3</i>	0.003762146	0.003414998	0.179017782	1
Obesity	neutrophil	<i>SLC37A4</i>	0.011777019	0.016909084	0.40098684	1
Obesity	neutrophil	<i>SLC38A10</i>	0.005592454	2.68E-05	0.008886799	0.159962385
Obesity	neutrophil	<i>SLC39A13</i>	0.012954293	0.016861432	0.40098684	1
Obesity	neutrophil	<i>SLC44A5</i>	0.008994211	0.043225801	0.592524036	1
Obesity	neutrophil	<i>SMARCE1</i>	-0.004558188	0.020518059	0.445876065	1
Obesity	neutrophil	<i>SMYD4</i>	-0.006143069	0.004866548	0.225445661	1
Obesity	neutrophil	<i>SNTG2</i>	0.001278127	0.046237223	0.601835146	1
Obesity	neutrophil	<i>SP1</i>	0.007095154	1.74E-05	0.007431947	0.104047254
Obesity	neutrophil	<i>SP7</i>	-0.06500706	0.039061704	0.577803817	1
Obesity	neutrophil	<i>SPAG8</i>	0.014746595	0.016767286	0.40090697	1
Obesity	neutrophil	<i>SPATA2L</i>	-0.01251799	0.013619801	0.364083399	1
Obesity	neutrophil	<i>SPECC1L</i>	-0.013151441	0.047081102	0.603414466	1
Obesity	neutrophil	<i>SPG21</i>	0.004763365	0.028154844	0.499268091	1
Obesity	neutrophil	<i>SRP68</i>	0.007061599	0.010048521	0.31439769	1
Obesity	neutrophil	<i>SRSF10</i>	0.001895702	0.040607812	0.580527968	1
Obesity	neutrophil	<i>ST8SIA2</i>	-0.033288002	0.014576641	0.377393559	1
Obesity	neutrophil	<i>STAM2</i>	-0.002732502	0.012335376	0.347717956	1
Obesity	neutrophil	<i>STON2</i>	0.002335648	0.001057582	0.085406907	1
Obesity	neutrophil	<i>SUCO</i>	0.00700944	5.73E-08	0.000121794	0.000342268
Obesity	neutrophil	<i>SURF6</i>	-0.005077956	0.021033354	0.452141458	1
Obesity	neutrophil	<i>SYNJ2</i>	0.006372195	0.044902402	0.601835146	1
Obesity	neutrophil	<i>SYT7</i>	-0.045908189	2.60E-07	0.00038872	0.001554881
Obesity	neutrophil	<i>TANGO2</i>	-0.008849935	0.008162052	0.286920149	1
Obesity	neutrophil	<i>TAS2R43</i>	-0.05086391	0.011700308	0.333489627	1
Obesity	neutrophil	<i>TCF21</i>	-0.053582989	0.009961753	0.31439769	1
Obesity	neutrophil	<i>TCHH</i>	-0.029539837	0.034428419	0.547428098	1

Obesity	neutrophil	<i>TCP11L1</i>	0.006875234	0.000887896	0.076899534	1
Obesity	neutrophil	<i>TDRD5</i>	0.030253825	0.032137359	0.537963182	1
Obesity	neutrophil	<i>TEKT5</i>	0.035274812	0.049952789	0.617599045	1
Obesity	neutrophil	<i>TEX261</i>	-0.006826889	0.045719987	0.601835146	1
Obesity	neutrophil	<i>TICAM2</i>	-0.055367976	0.002922782	0.163238749	1
Obesity	neutrophil	<i>TIGD1</i>	0.015074245	0.000119669	0.025888267	0.715140313
Obesity	neutrophil	<i>TIMM17A</i>	0.005521878	0.040703015	0.580527968	1
Obesity	neutrophil	<i>TIPIN</i>	0.009790323	0.007548969	0.274435242	1
Obesity	neutrophil	<i>TLR6</i>	-0.00819276	0.002651191	0.152341502	1
Obesity	neutrophil	<i>TMC4</i>	-0.014181359	0.03325315	0.546204702	1
Obesity	neutrophil	<i>TMED9</i>	0.01132879	0.005337265	0.23131058	1
Obesity	neutrophil	<i>TMEM110</i>	-0.034853045	0.016583652	0.40090697	1
Obesity	neutrophil	<i>TMEM17</i>	0.015986604	0.029717479	0.508858606	1
Obesity	neutrophil	<i>TMEM177</i>	0.011986877	0.007850239	0.28091633	1
Obesity	neutrophil	<i>TNFRSF10D</i>	-0.007860944	0.038242705	0.574831749	1
Obesity	neutrophil	<i>TNNT3</i>	0.021539153	0.010819693	0.324917005	1
Obesity	neutrophil	<i>TNPO2</i>	-0.005182575	0.001488312	0.105882785	1
Obesity	neutrophil	<i>TPSG1</i>	0.005487651	0.016415857	0.400412906	1
Obesity	neutrophil	<i>TPX2</i>	-0.043542166	0.004263806	0.208856571	1
Obesity	neutrophil	<i>TRAPPC5</i>	-0.017828272	0.029418245	0.505182284	1
Obesity	neutrophil	<i>TREML4</i>	-0.008742242	0.014588004	0.377393559	1
Obesity	neutrophil	<i>TRIM23</i>	0.003053227	0.036398508	0.56206068	1
Obesity	neutrophil	<i>TRIM29</i>	0.026397307	0.033831812	0.546429486	1
Obesity	neutrophil	<i>TSPYL1</i>	0.009315427	0.048999537	0.616465752	1
Obesity	neutrophil	<i>TTC14</i>	0.002010178	0.024443566	0.474777115	1
Obesity	neutrophil	<i>TTC3</i>	0.003105438	0.003010021	0.166554478	1
Obesity	neutrophil	<i>TTC4</i>	-0.015022366	0.03891524	0.577065696	1
Obesity	neutrophil	<i>UBAP1L</i>	-0.010782474	0.017322114	0.404363098	1
Obesity	neutrophil	<i>UBL7</i>	0.024105727	1.39E-05	0.007291035	0.083338793
Obesity	neutrophil	<i>UBQLN1</i>	0.004411281	0.000155316	0.028126298	0.928167823
Obesity	neutrophil	<i>UBR2</i>	0.00167291	0.005167258	0.23131058	1
Obesity	neutrophil	<i>UCP3</i>	-0.040796584	0.024212356	0.474777115	1
Obesity	neutrophil	<i>UGDH</i>	0.005214208	0.022506072	0.468628172	1
Obesity	neutrophil	<i>ULK3</i>	-0.01036665	0.000289454	0.040728248	1
Obesity	neutrophil	<i>UNC45A</i>	0.009916532	0.018058268	0.412121059	1
Obesity	neutrophil	<i>USB1</i>	-0.021659701	0.000241794	0.038025305	1
Obesity	neutrophil	<i>USP49</i>	0.005404904	0.00137286	0.102552613	1
Obesity	neutrophil	<i>USP53</i>	0.002421527	0.006842752	0.257184204	1
Obesity	neutrophil	<i>VMO1</i>	0.012543926	0.04550812	0.601835146	1
Obesity	neutrophil	<i>VPS29</i>	-0.005008911	3.84E-06	0.002869342	0.022954735
Obesity	neutrophil	<i>VSIG2</i>	-0.028931328	0.029108966	0.502760632	1
Obesity	neutrophil	<i>WDR24</i>	0.011083934	0.017255341	0.404363098	1
Obesity	neutrophil	<i>WDR31</i>	-0.01247381	0.006037805	0.240546166	1
Obesity	neutrophil	<i>WNT2B</i>	0.009329935	0.000115136	0.025888267	0.688052356
Obesity	neutrophil	<i>WRN</i>	0.007853931	0.001016925	0.0852746	1
Obesity	neutrophil	<i>XAB2</i>	-0.018230155	0.000853931	0.076420458	1
Obesity	neutrophil	<i>XRN2</i>	-0.004621738	0.040056324	0.579830497	1
Obesity	neutrophil	<i>ZBTB20</i>	0.000699707	0.022697228	0.470967482	1
Obesity	neutrophil	<i>ZBTB49</i>	-0.008620688	0.011626386	0.333489627	1
Obesity	neutrophil	<i>ZC3H3</i>	-0.00598421	0.007393332	0.271058613	1
Obesity	neutrophil	<i>ZNF131</i>	-0.004782712	0.019867736	0.443020855	1
Obesity	neutrophil	<i>ZNF154</i>	-0.010463945	0.006277974	0.242242134	1

Obesity	neutrophil	<i>ZNF208</i>	0.006225585	0.008426189	0.291462499	1
Obesity	neutrophil	<i>ZNF223</i>	-0.028452193	0.041915885	0.59077672	1
Obesity	neutrophil	<i>ZNF25</i>	-0.006396191	0.029926711	0.509981095	1
Obesity	neutrophil	<i>ZNF257</i>	0.011696686	0.014216329	0.370990306	1
Obesity	neutrophil	<i>ZNF285</i>	-0.027434004	0.004714605	0.223600826	1
Obesity	neutrophil	<i>ZNF334</i>	-0.005541591	0.043025401	0.592524036	1
Obesity	neutrophil	<i>ZNF417</i>	-0.017963131	0.001366156	0.102552613	1
Obesity	neutrophil	<i>ZNF454</i>	0.03685975	3.70E-06	0.002869342	0.022091873
Obesity	neutrophil	<i>ZNF518B</i>	0.019070683	0.020319249	0.445876065	1
Obesity	neutrophil	<i>ZNF585A</i>	-0.017610879	0.002528284	0.148473439	1
Obesity	neutrophil	<i>ZNF592</i>	0.008775835	6.63E-05	0.018000298	0.396006548
Obesity	neutrophil	<i>ZNF619</i>	-0.012850142	0.009176317	0.303113311	1
Obesity	neutrophil	<i>ZNF670</i>	0.041607309	0.045357298	0.601835146	1
Obesity	neutrophil	<i>ZNF709</i>	-0.071114506	0.028937763	0.502709517	1
Obesity	neutrophil	<i>ZNF737</i>	0.006010304	0.04566878	0.601835146	1
Obesity	neutrophil	<i>ZNF79</i>	0.012729404	0.003122739	0.171206299	1
Obesity	neutrophil	<i>ZNF841</i>	0.006916887	0.018068226	0.412121059	1
Obesity	neutrophil	<i>ZSCAN21</i>	-0.007984531	0.018429051	0.418752889	1
Obesity	neutrophil	<i>ZSCAN30</i>	0.007131834	1.27E-05	0.007291035	0.075803938
Obesity	neutrophil	<i>CWH43</i>	0.058495678	0.001299701	0.100870316	1
Obesity	neutrophil	<i>DUXA</i>	0.067149681	0.035095449	0.553378372	1
Obesity	neutrophil	<i>HES5</i>	-0.016367194	0.009381669	0.308048664	1
Obesity	neutrophil	<i>SGCA</i>	-0.020867455	0.04046006	0.579830497	1
Obesity	neutrophil	<i>ZFP57</i>	-0.006366783	0.013787428	0.366194082	1
Obesity	neutrophil	<i>NPTX2</i>	-0.056182437	0.043272478	0.592524036	1
Obesity	neutrophil	<i>SI00A12</i>	-0.065798426	0.00650316	0.247534296	1
Obesity	neutrophil	<i>BIRC7</i>	0.043436985	0.000535093	0.059143889	1
Obesity	neutrophil	<i>SLC12A5</i>	-0.06164377	0.027154248	0.493233392	1
Obesity	neutrophil	<i>TBX4</i>	0.134856643	0.001156398	0.090929395	1
Obesity	neutrophil	<i>TBC1D26</i>	0.009901049	0.000434975	0.051971329	1
Obesity	neutrophil	<i>CYP1A1</i>	-0.022354315	0.000125629	0.025888267	0.750759731
Obesity	nk_cell	<i>ABHD12</i>	0.006066752	0.005629656	0.208961628	1
Obesity	nk_cell	<i>ABHD8</i>	0.00805015	0.04522494	0.522949503	1
Obesity	nk_cell	<i>AC005082.1</i>	0.092078935	0.000533827	0.059076815	1
Obesity	nk_cell	<i>AC009495.3</i>	-0.032900869	5.41E-06	0.003096281	0.032355355
Obesity	nk_cell	<i>AC026740.1</i>	0.009109317	0.001342762	0.101573974	1
Obesity	nk_cell	<i>AC067945.3</i>	-0.015079054	0.000240028	0.035451274	1
Obesity	nk_cell	<i>AC092171.4</i>	0.033048512	0.004116418	0.175622483	1
Obesity	nk_cell	<i>AC131971.1</i>	-0.066401828	0.000402238	0.050078621	1
Obesity	nk_cell	<i>ACAD9</i>	0.010899516	0.014536157	0.323817044	1
Obesity	nk_cell	<i>ACBD5</i>	0.003651005	0.026578917	0.410427922	1
Obesity	nk_cell	<i>ACE</i>	-0.00609672	0.010595531	0.275757169	1
Obesity	nk_cell	<i>ACKR4</i>	0.01226172	0.000306214	0.040665239	1
Obesity	nk_cell	<i>ADAT1</i>	-0.005390541	0.039629582	0.494418339	1
Obesity	nk_cell	<i>ADH6</i>	0.041180766	0.000241216	0.035451274	1
Obesity	nk_cell	<i>ADORA2B</i>	0.008404667	0.039793921	0.495434316	1
Obesity	nk_cell	<i>ADSSL1</i>	0.013416689	0.032267559	0.449489353	1
Obesity	nk_cell	<i>AGAP4</i>	0.012633852	0.045250858	0.522949503	1
Obesity	nk_cell	<i>AGAP9</i>	0.015717897	0.043887653	0.516284678	1
Obesity	nk_cell	<i>AGER</i>	-0.012651129	0.016774278	0.34806626	1
Obesity	nk_cell	<i>AGRN</i>	-0.019525758	0.008050748	0.247334387	1
Obesity	nk_cell	<i>AHNAK2</i>	0.008808943	0.001418146	0.103351719	1

Obesity	nk_cell	<i>AKAP10</i>	0.003426686	0.000133074	0.024851615	0.795251675
Obesity	nk_cell	<i>AKAP11</i>	-0.003253145	0.023554692	0.39478815	1
Obesity	nk_cell	<i>AKTIP</i>	-0.007028171	0.023009782	0.390074419	1
Obesity	nk_cell	<i>ALDH5A1</i>	0.007280661	0.03760182	0.480146311	1
Obesity	nk_cell	<i>ALDOB</i>	0.020596404	0.013581857	0.313379072	1
Obesity	nk_cell	<i>ALG10</i>	0.00869375	0.045951715	0.526067914	1
Obesity	nk_cell	<i>ALKBH5</i>	0.009521581	5.70E-06	0.003096281	0.034059088
Obesity	nk_cell	<i>AMACR</i>	0.024576853	0.01123865	0.283384699	1
Obesity	nk_cell	<i>AMPH</i>	0.004612358	0.041826332	0.506934879	1
Obesity	nk_cell	<i>AMZ2</i>	0.01172302	0.003444698	0.159577651	1
Obesity	nk_cell	<i>ANGEL2</i>	-0.003580616	0.004027195	0.174513194	1
Obesity	nk_cell	<i>ANK1</i>	0.012222329	0.045711837	0.524326181	1
Obesity	nk_cell	<i>ANKRD26</i>	0.005622744	0.008456892	0.248650207	1
Obesity	nk_cell	<i>AP001007.1</i>	-0.023898938	0.032959086	0.456369869	1
Obesity	nk_cell	<i>AP001468.1</i>	0.080750431	0.018977352	0.355412838	1
Obesity	nk_cell	<i>APLNR</i>	0.014395233	0.017894838	0.351977968	1
Obesity	nk_cell	<i>AQP11</i>	0.00963394	0.002425217	0.127254475	1
Obesity	nk_cell	<i>AQP3</i>	-0.010624814	0.035639142	0.475781663	1
Obesity	nk_cell	<i>ARFIP1</i>	0.003586665	0.003707497	0.1653433	1
Obesity	nk_cell	<i>ARHGAP11A</i>	0.012738949	0.03538106	0.474074475	1
Obesity	nk_cell	<i>ARHGDIG</i>	0.033121789	0.001575014	0.105778643	1
Obesity	nk_cell	<i>ARL14EP</i>	0.009360068	0.007115032	0.230048086	1
Obesity	nk_cell	<i>ASCC1</i>	0.00587151	0.033497736	0.461249929	1
Obesity	nk_cell	<i>ASNSD1</i>	0.010075412	0.015875146	0.335229223	1
Obesity	nk_cell	<i>ASTE1</i>	0.006369372	0.043013492	0.512049065	1
Obesity	nk_cell	<i>ATP6V0D2</i>	-0.017026462	0.026179289	0.406356971	1
Obesity	nk_cell	<i>ATP9A</i>	0.004608997	0.000354287	0.045047172	1
Obesity	nk_cell	<i>ATPIF1</i>	0.004950967	0.022095387	0.383843126	1
Obesity	nk_cell	<i>ATXN3</i>	-0.002170831	0.007671767	0.238783754	1
Obesity	nk_cell	<i>B3GALT5</i>	0.05560845	0.01777407	0.351977968	1
Obesity	nk_cell	<i>B4GALT7</i>	-0.014356619	0.035357133	0.474074475	1
Obesity	nk_cell	<i>BAG6</i>	0.009031714	0.014593093	0.323817044	1
Obesity	nk_cell	<i>BAHD1</i>	0.010209886	0.000298266	0.040509943	1
Obesity	nk_cell	<i>BBS9</i>	0.002254223	0.022672767	0.389050324	1
Obesity	nk_cell	<i>BMP8A</i>	-0.01676579	0.048091742	0.54123588	1
Obesity	nk_cell	<i>BTC</i>	0.012663246	0.03707534	0.480146311	1
Obesity	nk_cell	<i>BTNL3</i>	0.015611016	0.018159095	0.353481273	1
Obesity	nk_cell	<i>C10orf95</i>	0.022406654	0.006851354	0.230020747	1
Obesity	nk_cell	<i>C12orf73</i>	0.008641381	0.012282113	0.299583298	1
Obesity	nk_cell	<i>C14orf39</i>	0.013590206	0.037929788	0.482273215	1
Obesity	nk_cell	<i>C16orf52</i>	0.002775273	0.041226435	0.504854868	1
Obesity	nk_cell	<i>C19orf18</i>	0.013329992	0.01256544	0.301570551	1
Obesity	nk_cell	<i>C1QBP</i>	0.015428464	0.004143703	0.175622483	1
Obesity	nk_cell	<i>C1orf109</i>	0.010821244	0.001747018	0.109896607	1
Obesity	nk_cell	<i>C1orf229</i>	0.041489971	0.030533585	0.433751712	1
Obesity	nk_cell	<i>C2orf73</i>	-0.017257162	0.002212662	0.123578231	1
Obesity	nk_cell	<i>C6orf48</i>	0.01209429	0.011130603	0.281849499	1
Obesity	nk_cell	<i>C8orf46</i>	0.011145728	0.013995417	0.316805343	1
Obesity	nk_cell	<i>C9orf152</i>	0.0148422	0.049662051	0.546095557	1
Obesity	nk_cell	<i>CAMLG</i>	-0.004557874	0.038374628	0.483811761	1
Obesity	nk_cell	<i>CARD10</i>	0.009912271	0.04876848	0.545768613	1
Obesity	nk_cell	<i>CARS</i>	-0.010385516	0.001249779	0.095752297	1

Obesity	nk_cell	<i>CASCI</i>	0.021635868	5.40E-07	0.000644885	0.003224424
Obesity	nk_cell	<i>CBY1</i>	-0.006950311	0.025205337	0.398484377	1
Obesity	nk_cell	<i>CCDC134</i>	0.014480394	0.01036804	0.272948926	1
Obesity	nk_cell	<i>CCDC171</i>	-0.007522418	0.00451733	0.184901123	1
Obesity	nk_cell	<i>CCDC82</i>	0.004209662	0.018145288	0.353481273	1
Obesity	nk_cell	<i>CCL19</i>	-0.03342107	0.049802891	0.546095557	1
Obesity	nk_cell	<i>CCL23</i>	0.099446266	3.18E-05	0.009042845	0.189899742
Obesity	nk_cell	<i>CCNE1</i>	-0.030367259	0.006130768	0.219386044	1
Obesity	nk_cell	<i>CD164L2</i>	-0.009474625	0.020017452	0.364210956	1
Obesity	nk_cell	<i>CD1E</i>	-0.024536978	0.043736156	0.516284678	1
Obesity	nk_cell	<i>CD4</i>	-0.002626679	0.038105195	0.482450525	1
Obesity	nk_cell	<i>CELSR2</i>	0.023825546	0.037094666	0.480146311	1
Obesity	nk_cell	<i>CENPO</i>	0.011246484	0.008679466	0.251788795	1
Obesity	nk_cell	<i>CEP44</i>	0.003494682	0.021398961	0.37763326	1
Obesity	nk_cell	<i>CEP72</i>	0.011338042	0.014500866	0.323817044	1
Obesity	nk_cell	<i>CFHR3</i>	0.058325078	0.002457592	0.1277093	1
Obesity	nk_cell	<i>CFL2</i>	-0.006476516	0.047915484	0.540597747	1
Obesity	nk_cell	<i>CHCHD5</i>	0.018415199	0.037357245	0.480146311	1
Obesity	nk_cell	<i>CIDEA</i>	0.005015387	0.019645185	0.361229617	1
Obesity	nk_cell	<i>CITED4</i>	0.019312319	0.033706796	0.461999574	1
Obesity	nk_cell	<i>CIZ1</i>	0.008945551	8.35E-05	0.017393537	0.499171912
Obesity	nk_cell	<i>CLEC12B</i>	0.027942139	0.00695846	0.230048086	1
Obesity	nk_cell	<i>CLEC1B</i>	0.021188144	0.008169928	0.247334387	1
Obesity	nk_cell	<i>CLEC4G</i>	-0.035653507	0.026907191	0.411246481	1
Obesity	nk_cell	<i>CLIC1</i>	0.005465611	0.042018034	0.506934879	1
Obesity	nk_cell	<i>CLIC3</i>	0.011953362	0.017535609	0.351977968	1
Obesity	nk_cell	<i>CLK4</i>	0.00425288	0.005396136	0.204096909	1
Obesity	nk_cell	<i>CMTM3</i>	0.012103828	0.000528046	0.059076815	1
Obesity	nk_cell	<i>CNDP1</i>	0.03966435	0.001463955	0.104149919	1
Obesity	nk_cell	<i>COA1</i>	0.00174336	0.041405137	0.506006342	1
Obesity	nk_cell	<i>COLCA1</i>	0.028902521	0.048677286	0.545768613	1
Obesity	nk_cell	<i>COMMD4</i>	-0.007271491	0.024309258	0.396969851	1
Obesity	nk_cell	<i>COX7A2L</i>	0.004686547	0.019002427	0.355412838	1
Obesity	nk_cell	<i>CPT1C</i>	-0.022645312	0.005581732	0.208477691	1
Obesity	nk_cell	<i>CREB3L1</i>	0.014784215	0.013771065	0.315152004	1
Obesity	nk_cell	<i>CSPG4</i>	-0.010267316	9.99E-06	0.004525888	0.059702777
Obesity	nk_cell	<i>CUX1</i>	-0.002258665	0.004810837	0.189141861	1
Obesity	nk_cell	<i>CWC15</i>	0.005807992	0.042244573	0.506934879	1
Obesity	nk_cell	<i>CXCL13</i>	0.016642566	0.036581848	0.4783657	1
Obesity	nk_cell	<i>CYB5D2</i>	0.005792113	0.015370787	0.330416621	1
Obesity	nk_cell	<i>CYB5RL</i>	0.023931027	0.00058405	0.06232648	1
Obesity	nk_cell	<i>CYP4F11</i>	-0.004487423	0.04931378	0.546095557	1
Obesity	nk_cell	<i>CYP4F12</i>	0.012657795	0.019300442	0.359312908	1
Obesity	nk_cell	<i>DAAMI</i>	-0.001859424	0.040205818	0.497453346	1
Obesity	nk_cell	<i>DBNDD2</i>	0.033287835	0.00940657	0.262680666	1
Obesity	nk_cell	<i>DCHS1</i>	0.008163211	0.011047756	0.281849499	1
Obesity	nk_cell	<i>DCLK2</i>	0.005838044	0.006997692	0.230048086	1
Obesity	nk_cell	<i>DDO</i>	0.03132216	0.008077372	0.247334387	1
Obesity	nk_cell	<i>DDX17</i>	0.001646386	0.045609199	0.52415495	1
Obesity	nk_cell	<i>DDX42</i>	0.002798672	0.022862577	0.390074419	1
Obesity	nk_cell	<i>DDX51</i>	-0.015566064	0.01434273	0.323442092	1
Obesity	nk_cell	<i>DECR2</i>	0.018016753	0.001484556	0.104372987	1

Obesity	nk_cell	<i>DFNA5</i>	0.012517324	0.015084094	0.327791084	1
Obesity	nk_cell	<i>DHRS11</i>	0.019283415	0.03997001	0.496592057	1
Obesity	nk_cell	<i>DHRS12</i>	-0.008413943	0.011851087	0.29632677	1
Obesity	nk_cell	<i>DKK3</i>	0.008344577	0.041689772	0.506934879	1
Obesity	nk_cell	<i>DMKN</i>	0.020014619	0.001875683	0.113223071	1
Obesity	nk_cell	<i>DMPK</i>	0.009226183	0.001081901	0.08856766	1
Obesity	nk_cell	<i>DMRT2</i>	0.011258964	0.041916987	0.506934879	1
Obesity	nk_cell	<i>DMTN</i>	0.012644059	0.00567206	0.209235988	1
Obesity	nk_cell	<i>DNA2</i>	0.009824916	0.020150541	0.364210956	1
Obesity	nk_cell	<i>DNAH5</i>	0.009237679	0.025358207	0.398791168	1
Obesity	nk_cell	<i>DNAJC13</i>	0.003161908	0.004712443	0.187027447	1
Obesity	nk_cell	<i>DNAJC8</i>	0.005267146	0.015994831	0.336567294	1
Obesity	nk_cell	<i>DOK3</i>	-0.006062597	0.013146193	0.308084903	1
Obesity	nk_cell	<i>DROSHA</i>	0.003605205	0.008980272	0.256406868	1
Obesity	nk_cell	<i>DSG2</i>	-0.006486276	0.008417665	0.248650207	1
Obesity	nk_cell	<i>DTD1</i>	0.007118421	0.006601602	0.227629643	1
Obesity	nk_cell	<i>DUOXA1</i>	0.033736555	0.020233942	0.364210956	1
Obesity	nk_cell	<i>DUSP15</i>	0.036125202	0.028975271	0.426493153	1
Obesity	nk_cell	<i>EFCAB1</i>	0.131284771	0.000239196	0.035451274	1
Obesity	nk_cell	<i>EIF2AK4</i>	0.004587869	0.003491764	0.160513721	1
Obesity	nk_cell	<i>EIF3C</i>	0.061962435	0.002923608	0.145595663	1
Obesity	nk_cell	<i>EIF3CL</i>	0.058017043	0.000243223	0.035451274	1
Obesity	nk_cell	<i>ELP3</i>	-0.003294943	0.006974193	0.230048086	1
Obesity	nk_cell	<i>ENDOG</i>	0.019616081	0.021877609	0.3811679	1
Obesity	nk_cell	<i>EPHA7</i>	-0.016102747	0.018306228	0.353947934	1
Obesity	nk_cell	<i>EPHB6</i>	-0.011467375	0.030169474	0.432428201	1
Obesity	nk_cell	<i>ERCC6</i>	-0.003789	0.025329443	0.398791168	1
Obesity	nk_cell	<i>ERICH1</i>	0.002449898	0.024507295	0.398484377	1
Obesity	nk_cell	<i>ESYT2</i>	0.00160034	0.020033858	0.364210956	1
Obesity	nk_cell	<i>FAM110A</i>	-0.009998292	0.005077663	0.198327557	1
Obesity	nk_cell	<i>FAM111A</i>	-0.003341381	0.017066462	0.351686812	1
Obesity	nk_cell	<i>FAM149A</i>	0.009663213	0.019568194	0.360924476	1
Obesity	nk_cell	<i>FAM153C</i>	-0.017970934	0.047047217	0.533499376	1
Obesity	nk_cell	<i>FAM162A</i>	0.004712744	0.039364433	0.49213777	1
Obesity	nk_cell	<i>FAM198A</i>	0.022444951	0.026114591	0.406356971	1
Obesity	nk_cell	<i>FAM20B</i>	0.004737175	0.044577706	0.51913295	1
Obesity	nk_cell	<i>FAM221A</i>	-0.01427565	0.015441677	0.330750749	1
Obesity	nk_cell	<i>FAM227A</i>	0.02001797	0.017714408	0.351977968	1
Obesity	nk_cell	<i>FAM26E</i>	0.021427676	0.00472576	0.187027447	1
Obesity	nk_cell	<i>FAM43B</i>	0.038654353	0.029621391	0.429824137	1
Obesity	nk_cell	<i>FAM57A</i>	0.021701619	0.002379918	0.127254475	1
Obesity	nk_cell	<i>FARP2</i>	-0.004992116	0.010114106	0.269829888	1
Obesity	nk_cell	<i>FBRSL1</i>	0.004843717	0.029558519	0.429824137	1
Obesity	nk_cell	<i>FDFT1</i>	0.003675393	0.015650772	0.332843472	1
Obesity	nk_cell	<i>FIBP</i>	-0.010581532	0.009959284	0.268374842	1
Obesity	nk_cell	<i>FKBP7</i>	-0.015273631	0.000193592	0.0312678	1
Obesity	nk_cell	<i>FKRP</i>	0.010548384	0.001108799	0.089542993	1
Obesity	nk_cell	<i>FNDC1</i>	0.005043192	0.022512452	0.387707239	1
Obesity	nk_cell	<i>FOXN2</i>	-0.002930933	0.003058097	0.148578782	1
Obesity	nk_cell	<i>GALNT3</i>	-0.00983769	0.000259856	0.036973831	1
Obesity	nk_cell	<i>GAS6</i>	0.005140705	0.000531859	0.059076815	1
Obesity	nk_cell	<i>GATC</i>	-0.012637667	0.008529667	0.248650207	1

Obesity	nk_cell	<i>GBP7</i>	0.081403038	1.14E-06	0.000974713	0.006822992
Obesity	nk_cell	<i>GDF6</i>	0.024355651	0.018705216	0.355412838	1
Obesity	nk_cell	<i>GGH</i>	0.017496605	0.012384951	0.300832416	1
Obesity	nk_cell	<i>GIGYF1</i>	0.007832302	0.023426372	0.394354925	1
Obesity	nk_cell	<i>GLRX5</i>	0.009987683	0.026697966	0.411203721	1
Obesity	nk_cell	<i>GM2A</i>	0.006207023	0.002133107	0.12257163	1
Obesity	nk_cell	<i>GNPDA1</i>	0.004069582	0.042186451	0.506934879	1
Obesity	nk_cell	<i>GOLGA3</i>	0.005878562	0.024111554	0.396918708	1
Obesity	nk_cell	<i>GOLGB1</i>	-0.001664131	0.029397928	0.429824137	1
Obesity	nk_cell	<i>GOPC</i>	0.004043856	0.027289055	0.412859215	1
Obesity	nk_cell	<i>GORASP1</i>	0.028913915	1.14E-05	0.004525888	0.068363603
Obesity	nk_cell	<i>GPIBA</i>	-0.023544199	0.001659729	0.106089814	1
Obesity	nk_cell	<i>GPNMB</i>	0.002538393	0.028470233	0.422178934	1
Obesity	nk_cell	<i>GPR108</i>	0.00646281	0.048611372	0.545768613	1
Obesity	nk_cell	<i>GPR132</i>	-0.004292677	0.019421313	0.3594849	1
Obesity	nk_cell	<i>GPR161</i>	0.007788071	0.027102762	0.412127501	1
Obesity	nk_cell	<i>GPR75</i>	0.058852735	0.007561136	0.236650729	1
Obesity	nk_cell	<i>GPRC5B</i>	0.005752551	0.03396974	0.463477547	1
Obesity	nk_cell	<i>GPSM1</i>	0.021248829	0.017336787	0.351977968	1
Obesity	nk_cell	<i>GSTCD</i>	0.004734501	0.021421967	0.37763326	1
Obesity	nk_cell	<i>GSTZ1</i>	0.010810248	0.005965326	0.214751738	1
Obesity	nk_cell	<i>HACE1</i>	0.003736275	0.030126379	0.432428201	1
Obesity	nk_cell	<i>HAGH</i>	-0.003690805	0.025028488	0.398484377	1
Obesity	nk_cell	<i>HAP1</i>	0.042820841	0.002427545	0.127254475	1
Obesity	nk_cell	<i>HAUS8</i>	0.007425573	0.025092511	0.398484377	1
Obesity	nk_cell	<i>HCN1</i>	-0.018358979	0.024092176	0.396918708	1
Obesity	nk_cell	<i>HDDC2</i>	0.007030785	0.023762718	0.395002582	1
Obesity	nk_cell	<i>HDLBP</i>	0.003242853	0.049318998	0.546095557	1
Obesity	nk_cell	<i>HEMK1</i>	0.009851514	0.032378929	0.449991819	1
Obesity	nk_cell	<i>HEXDC</i>	-0.003753705	0.021859126	0.3811679	1
Obesity	nk_cell	<i>HIST1H3E</i>	0.014195546	0.043831557	0.516284678	1
Obesity	nk_cell	<i>HLA-DQA2</i>	0.006936422	0.01995674	0.364210956	1
Obesity	nk_cell	<i>HMOX2</i>	0.00414874	0.017033305	0.351686812	1
Obesity	nk_cell	<i>HORMAD1</i>	-0.013361848	0.005837108	0.212698535	1
Obesity	nk_cell	<i>HOXA4</i>	-0.026428593	0.017170784	0.351977968	1
Obesity	nk_cell	<i>HOXD1</i>	0.050342317	0.017584281	0.351977968	1
Obesity	nk_cell	<i>HPN</i>	0.017132917	0.022986081	0.390074419	1
Obesity	nk_cell	<i>HPR</i>	0.030136897	0.002742743	0.139415495	1
Obesity	nk_cell	<i>HRCT1</i>	0.018792079	0.008205793	0.247334387	1
Obesity	nk_cell	<i>HSBP1L1</i>	-0.00799592	0.009010282	0.256406868	1
Obesity	nk_cell	<i>HSPD1</i>	0.004171462	0.042831264	0.510897471	1
Obesity	nk_cell	<i>HTR7</i>	0.005246146	0.044442765	0.51913295	1
Obesity	nk_cell	<i>HTRA3</i>	0.003321773	0.030463234	0.433751712	1
Obesity	nk_cell	<i>HYI</i>	0.009966681	0.000853592	0.076135283	1
Obesity	nk_cell	<i>HYKK</i>	0.014783808	0.006426579	0.226290305	1
Obesity	nk_cell	<i>ICAIL</i>	0.007228211	0.002041178	0.119941899	1
Obesity	nk_cell	<i>IFT74</i>	-0.004417117	0.013360875	0.310679341	1
Obesity	nk_cell	<i>INO80C</i>	0.012938485	0.043787213	0.516284678	1
Obesity	nk_cell	<i>INTS8</i>	-0.008124388	4.90E-07	0.000644885	0.002930409
Obesity	nk_cell	<i>IPO5</i>	-0.006473371	0.000472412	0.056462699	1
Obesity	nk_cell	<i>JMJD8</i>	-0.015393196	0.00945856	0.262903965	1
Obesity	nk_cell	<i>KCNB2</i>	0.003395132	0.028291465	0.421508222	1

Obesity	nk_cell	<i>KCNG2</i>	0.018524253	0.025171163	0.398484377	1
Obesity	nk_cell	<i>KCNH4</i>	0.016260427	0.003151448	0.150664418	1
Obesity	nk_cell	<i>KCNN2</i>	0.014647071	0.018280444	0.353947934	1
Obesity	nk_cell	<i>KCTD2</i>	0.009513919	0.001194724	0.095195617	1
Obesity	nk_cell	<i>KIAA0825</i>	0.003254074	0.001234006	0.095752297	1
Obesity	nk_cell	<i>KIAA1211L</i>	-0.010891864	0.034179869	0.464224773	1
Obesity	nk_cell	<i>KIAA1683</i>	0.00657445	0.028730197	0.424067594	1
Obesity	nk_cell	<i>KLHL32</i>	0.010749816	0.040439478	0.499310581	1
Obesity	nk_cell	<i>KLHL7</i>	-0.007920849	0.000756385	0.07209414	1
Obesity	nk_cell	<i>KPNA4</i>	0.002516415	0.011977702	0.297007249	1
Obesity	nk_cell	<i>KRIT1</i>	-0.003171019	0.041796087	0.506934879	1
Obesity	nk_cell	<i>KXD1</i>	-0.005875501	0.010613144	0.275757169	1
Obesity	nk_cell	<i>LAMB3</i>	0.019955759	0.004213204	0.176287898	1
Obesity	nk_cell	<i>LANCL1</i>	-0.004739991	0.006535848	0.227082721	1
Obesity	nk_cell	<i>LAYN</i>	0.007609213	0.016730075	0.34806626	1
Obesity	nk_cell	<i>LINC00092</i>	-0.03568143	0.00145723	0.104149919	1
Obesity	nk_cell	<i>LINC00174</i>	0.004090051	0.004218402	0.176287898	1
Obesity	nk_cell	<i>LINC00545</i>	-0.013283009	5.02E-05	0.012790648	0.300068241
Obesity	nk_cell	<i>LINC00640</i>	0.033925048	0.017370103	0.351977968	1
Obesity	nk_cell	<i>LINC00847</i>	0.03342158	2.72E-14	1.62E-10	1.62E-10
Obesity	nk_cell	<i>LINC00863</i>	0.015744146	0.021634953	0.379150972	1
Obesity	nk_cell	<i>LINC00920</i>	0.054634618	3.92E-05	0.010646367	0.234220068
Obesity	nk_cell	<i>LINC01068</i>	0.040661749	0.003259822	0.153980393	1
Obesity	nk_cell	<i>LIPC</i>	0.012064579	0.001394763	0.103351167	1
Obesity	nk_cell	<i>LMAN1</i>	0.003277577	0.027244055	0.412859215	1
Obesity	nk_cell	<i>LMBRD2</i>	0.005612627	0.015552163	0.331927583	1
Obesity	nk_cell	<i>LRRC34</i>	0.012331583	0.003989456	0.174513194	1
Obesity	nk_cell	<i>LSG1</i>	0.002973537	0.032990593	0.456369869	1
Obesity	nk_cell	<i>LY6E</i>	0.009615409	0.013857268	0.315152004	1
Obesity	nk_cell	<i>LY6K</i>	0.030027702	0.000757953	0.07209414	1
Obesity	nk_cell	<i>MAP1LC3A</i>	0.007604143	0.002014521	0.119941899	1
Obesity	nk_cell	<i>MAP3K2</i>	0.001894425	0.021507238	0.378021342	1
Obesity	nk_cell	<i>MAP3K6</i>	0.019179234	0.011691575	0.293566615	1
Obesity	nk_cell	<i>MARK3</i>	-0.001518588	0.018713159	0.355412838	1
Obesity	nk_cell	<i>MARVELD3</i>	0.024106437	0.049117827	0.546095557	1
Obesity	nk_cell	<i>MASPI</i>	0.019620159	0.005910038	0.214050846	1
Obesity	nk_cell	<i>MB21D2</i>	0.008422291	0.000296135	0.040509943	1
Obesity	nk_cell	<i>MCAT</i>	0.025576997	0.0352141	0.473962757	1
Obesity	nk_cell	<i>MDM1</i>	-0.007959653	1.48E-05	0.004905254	0.088294564
Obesity	nk_cell	<i>MED8</i>	-0.011040975	0.026424518	0.409100832	1
Obesity	nk_cell	<i>METAP1</i>	0.014250364	0.000494525	0.057946648	1
Obesity	nk_cell	<i>MFAP3L</i>	0.017846492	0.002154948	0.122647346	1
Obesity	nk_cell	<i>MLKL</i>	-0.00357922	0.049457414	0.546095557	1
Obesity	nk_cell	<i>MMS19</i>	-0.004915233	0.016152442	0.338691213	1
Obesity	nk_cell	<i>MOV10L1</i>	0.014113019	0.004614859	0.185391643	1
Obesity	nk_cell	<i>MPV17L</i>	-0.032629491	0.025574833	0.400092149	1
Obesity	nk_cell	<i>MROH7</i>	0.024103934	0.015023918	0.327791084	1
Obesity	nk_cell	<i>MROH8</i>	0.009428123	0.007066244	0.230048086	1
Obesity	nk_cell	<i>MRPL43</i>	0.01026573	0.001031177	0.086793123	1
Obesity	nk_cell	<i>MRPS9</i>	0.005149017	0.010349047	0.272948926	1
Obesity	nk_cell	<i>MTHFD1</i>	0.00479266	0.036284959	0.477618756	1
Obesity	nk_cell	<i>MTPAP</i>	0.012868858	8.27E-09	2.47E-05	4.94E-05

Obesity	nk_cell	<i>MTRFIL</i>	0.010173544	0.012189222	0.298536039	1
Obesity	nk_cell	<i>MYO15A</i>	-0.012381014	0.003688975	0.1653433	1
Obesity	nk_cell	<i>NAA60</i>	0.01106525	0.027050387	0.412127501	1
Obesity	nk_cell	<i>NACAD</i>	0.054878799	0.000151306	0.027400119	0.90420393
Obesity	nk_cell	<i>NACCI</i>	0.031680397	6.66E-07	0.00066329	0.003979741
Obesity	nk_cell	<i>NALCN</i>	0.004900177	0.023584232	0.39478815	1
Obesity	nk_cell	<i>NAPG</i>	-0.004072878	0.018698498	0.355412838	1
Obesity	nk_cell	<i>NBR1</i>	0.005104721	0.011104201	0.281849499	1
Obesity	nk_cell	<i>NDUFAF4</i>	0.007801336	0.000784156	0.07209414	1
Obesity	nk_cell	<i>NDUFAF5</i>	0.01025307	0.00057624	0.06232648	1
Obesity	nk_cell	<i>NDUFB3</i>	0.006798091	0.045062306	0.52289775	1
Obesity	nk_cell	<i>NEFH</i>	0.045651471	0.008435819	0.248650207	1
Obesity	nk_cell	<i>NHLRC2</i>	-0.004867949	0.005304134	0.203537487	1
Obesity	nk_cell	<i>NIPA2</i>	-0.008001301	0.000773846	0.07209414	1
Obesity	nk_cell	<i>NIPSNAP3A</i>	0.011329211	0.01306018	0.307274155	1
Obesity	nk_cell	<i>NME7</i>	0.002480836	0.049959766	0.546411997	1
Obesity	nk_cell	<i>NMT1</i>	0.002923703	0.024176441	0.396918708	1
Obesity	nk_cell	<i>NOD1</i>	0.001875427	0.046195479	0.527847382	1
Obesity	nk_cell	<i>NOL6</i>	-0.020168261	0.00095575	0.082776274	1
Obesity	nk_cell	<i>NPAT</i>	-0.004144124	0.005291951	0.203537487	1
Obesity	nk_cell	<i>NPEPL1</i>	-0.006215351	0.014630288	0.323817044	1
Obesity	nk_cell	<i>NPEPPS</i>	0.004667278	0.000712412	0.07209414	1
Obesity	nk_cell	<i>NPHP4</i>	0.016747541	2.06E-05	0.006458561	0.122990733
Obesity	nk_cell	<i>NPIPA5</i>	0.030616955	0.004082914	0.175535919	1
Obesity	nk_cell	<i>NPR2</i>	-0.01815633	0.036274584	0.477618756	1
Obesity	nk_cell	<i>NSUN4</i>	-0.007798872	0.028076473	0.419462506	1
Obesity	nk_cell	<i>NT5E</i>	0.005553434	0.015767976	0.334146903	1
Obesity	nk_cell	<i>NTN5</i>	0.025541183	0.026012217	0.405872078	1
Obesity	nk_cell	<i>NUCKS1</i>	-0.004555908	0.00076397	0.07209414	1
Obesity	nk_cell	<i>NUDCD3</i>	-0.0035928	0.009701862	0.265955628	1
Obesity	nk_cell	<i>NUDT12</i>	0.012747501	7.44E-05	0.017092947	0.444416634
Obesity	nk_cell	<i>NUDT8</i>	0.017635535	0.045583856	0.52415495	1
Obesity	nk_cell	<i>NUPL2</i>	0.004732972	0.023795336	0.395002582	1
Obesity	nk_cell	<i>NUTM2B</i>	0.005479599	0.003302199	0.154171435	1
Obesity	nk_cell	<i>OCIAD1</i>	0.003398249	0.001049535	0.087111433	1
Obesity	nk_cell	<i>ODF3B</i>	0.007997002	0.040054074	0.496604038	1
Obesity	nk_cell	<i>OSBP2</i>	0.003832034	0.029633123	0.429824137	1
Obesity	nk_cell	<i>OTOGL</i>	0.024856139	0.023894299	0.395546619	1
Obesity	nk_cell	<i>OXR1</i>	0.002467932	0.027688638	0.415746993	1
Obesity	nk_cell	<i>PAC SIN3</i>	0.023276052	0.014909491	0.327570283	1
Obesity	nk_cell	<i>PAOX</i>	-0.014078338	0.001873197	0.113223071	1
Obesity	nk_cell	<i>PCBP3</i>	-0.011169916	0.001628453	0.105778643	1
Obesity	nk_cell	<i>PCCB</i>	0.005049501	0.034291775	0.464688543	1
Obesity	nk_cell	<i>PCDHB11</i>	0.031810794	0.014897572	0.327570283	1
Obesity	nk_cell	<i>PDE6G</i>	0.053217954	0.00158385	0.105778643	1
Obesity	nk_cell	<i>PEX11G</i>	0.018676219	0.013248273	0.309264364	1
Obesity	nk_cell	<i>PHF2</i>	0.007763757	0.000656992	0.068880384	1
Obesity	nk_cell	<i>PHOSPHO2</i>	0.020817305	0.002349838	0.127254475	1
Obesity	nk_cell	<i>PICALM</i>	-0.001010074	0.033287734	0.45941685	1
Obesity	nk_cell	<i>PIGK</i>	-0.007850113	0.003272341	0.153980393	1
Obesity	nk_cell	<i>PIGO</i>	0.018602087	7.83E-06	0.003897296	0.04676755
Obesity	nk_cell	<i>PIGP</i>	0.010988321	0.002720615	0.139415495	1

Obesity	nk_cell	<i>PIGZ</i>	0.006131796	0.012137707	0.298536039		1
Obesity	nk_cell	<i>PIP5KL1</i>	-0.02024667	0.013019963	0.307274155		1
Obesity	nk_cell	<i>PLA2G2D</i>	-0.086226549	4.25E-06	0.002823469	0.025411217	
Obesity	nk_cell	<i>PLAC9</i>	0.001859222	0.044513506	0.51913295		1
Obesity	nk_cell	<i>PLEKHS1</i>	0.037957297	0.027953326	0.418669368		1
Obesity	nk_cell	<i>PLIN2</i>	0.003047824	0.017592488	0.351977968		1
Obesity	nk_cell	<i>PLVAP</i>	0.005255106	0.036887996	0.480146311		1
Obesity	nk_cell	<i>PLXNA1</i>	0.009419744	0.019023542	0.355412838		1
Obesity	nk_cell	<i>PM20D1</i>	-0.009995437	0.005313228	0.203537487		1
Obesity	nk_cell	<i>PM20D2</i>	0.009082811	0.00075709	0.07209414		1
Obesity	nk_cell	<i>PMS1</i>	-0.00407208	0.000104051	0.02005834	0.621808528	
Obesity	nk_cell	<i>POLR1B</i>	-0.011037629	0.008236202	0.247334387		1
Obesity	nk_cell	<i>POLR3H</i>	0.008722573	0.049777954	0.546095557		1
Obesity	nk_cell	<i>PP2D1</i>	0.007304958	0.008142784	0.247334387		1
Obesity	nk_cell	<i>PPDPF</i>	-0.008936532	0.047642995	0.539232085		1
Obesity	nk_cell	<i>PPIL3</i>	0.005956533	0.01796407	0.351977968		1
Obesity	nk_cell	<i>PPMIN</i>	0.009549267	0.044465597	0.51913295		1
Obesity	nk_cell	<i>PPP1R14A</i>	-0.007295179	0.008824934	0.253547145		1
Obesity	nk_cell	<i>PPWD1</i>	-0.003743636	0.049421354	0.546095557		1
Obesity	nk_cell	<i>PRH2</i>	0.023711985	0.009185	0.258664726		1
Obesity	nk_cell	<i>PRKAR1B</i>	0.003644285	0.038833383	0.486516344		1
Obesity	nk_cell	<i>PRTN3</i>	0.004442619	0.03055714	0.433751712		1
Obesity	nk_cell	<i>PSAP</i>	-0.001408656	0.038346757	0.483811761		1
Obesity	nk_cell	<i>PSMB1</i>	0.004061699	0.030861612	0.436002342		1
Obesity	nk_cell	<i>PSORS1C1</i>	0.01808091	0.002961822	0.14627975		1
Obesity	nk_cell	<i>PSORS1C2</i>	0.007856073	0.015055483	0.327791084		1
Obesity	nk_cell	<i>PTPN12</i>	0.002896994	0.004566591	0.185391643		1
Obesity	nk_cell	<i>PTPRO</i>	0.011209601	0.000918528	0.080722365		1
Obesity	nk_cell	<i>PUS7L</i>	-0.00366495	0.041764147	0.506934879		1
Obesity	nk_cell	<i>PWRN1</i>	0.017703125	0.00983194	0.267081806		1
Obesity	nk_cell	<i>PYGB</i>	0.008715558	0.004622382	0.185391643		1
Obesity	nk_cell	<i>RAB5C</i>	0.006115459	0.024312411	0.396969851		1
Obesity	nk_cell	<i>RABGEF1</i>	0.013125709	0.012167593	0.298536039		1
Obesity	nk_cell	<i>RABL2B</i>	-0.008860938	0.001614487	0.105778643		1
Obesity	nk_cell	<i>RABL3</i>	-0.004461143	0.017660765	0.351977968		1
Obesity	nk_cell	<i>RADIL</i>	0.004447897	0.007282315	0.23315003		1
Obesity	nk_cell	<i>RAMP2-AS1</i>	0.011203394	0.001573082	0.105778643		1
Obesity	nk_cell	<i>RAPGEF4</i>	0.002876793	0.010345566	0.272948926		1
Obesity	nk_cell	<i>RAPGEF6</i>	-0.015114266	1.11E-05	0.004525888	0.066357615	
Obesity	nk_cell	<i>RASAL2-AS1</i>	0.038043544	0.001620831	0.105778643		1
Obesity	nk_cell	<i>RBBP9</i>	0.027107433	0.002343455	0.127254475		1
Obesity	nk_cell	<i>RBFA</i>	0.00614187	0.024893145	0.398484377		1
Obesity	nk_cell	<i>RCVRN</i>	-0.047714411	0.03737742	0.480146311		1
Obesity	nk_cell	<i>RGCC</i>	-0.003316416	0.01282794	0.304205435		1
Obesity	nk_cell	<i>RGS10</i>	-0.005738364	0.049583019	0.546095557		1
Obesity	nk_cell	<i>RGS11</i>	0.005918492	0.049485597	0.546095557		1
Obesity	nk_cell	<i>RHD</i>	0.0077208	0.026902309	0.411246481		1
Obesity	nk_cell	<i>RHOJ</i>	0.001567543	0.03392939	0.463477547		1
Obesity	nk_cell	<i>RN7SL832P</i>	0.026195147	0.009977309	0.268374842		1
Obesity	nk_cell	<i>RNASEK</i>	-0.005008964	0.009670779	0.265955628		1
Obesity	nk_cell	<i>RNF114</i>	0.006074703	0.007373721	0.23315003		1
Obesity	nk_cell	<i>RNF17</i>	-0.063360109	0.026864117	0.411246481		1

Obesity	nk_cell	<i>RNF182</i>	0.027485571	0.020648728	0.368025639	1
Obesity	nk_cell	<i>RNF214</i>	0.003849971	0.030000595	0.432428201	1
Obesity	nk_cell	<i>RPS10</i>	-0.016465338	0.027508171	0.414077651	1
Obesity	nk_cell	<i>RPUSD3</i>	0.005301313	0.020513771	0.367036818	1
Obesity	nk_cell	<i>RSG1</i>	0.034668818	0.001830197	0.112755224	1
Obesity	nk_cell	<i>RSPH1</i>	0.055388106	0.029520385	0.429824137	1
Obesity	nk_cell	<i>RTEL1</i>	-0.032438387	0.025028286	0.398484377	1
Obesity	nk_cell	<i>RTN2</i>	0.015954685	0.014621934	0.323817044	1
Obesity	nk_cell	<i>SARS2</i>	-0.024740527	2.16E-05	0.006458561	0.129171227
Obesity	nk_cell	<i>SASS6</i>	-0.015774943	1.34E-05	0.004717307	0.08019422
Obesity	nk_cell	<i>SCAMP1</i>	-0.003329164	0.006697513	0.227629643	1
Obesity	nk_cell	<i>SDCBP2</i>	0.033833624	0.045329291	0.522949503	1
Obesity	nk_cell	<i>SEMA4A</i>	-0.005335464	0.044650993	0.51913295	1
Obesity	nk_cell	<i>SERHL2</i>	0.010212026	0.032224363	0.449489353	1
Obesity	nk_cell	<i>SFII</i>	-0.003074884	0.031846949	0.445708123	1
Obesity	nk_cell	<i>SFTPD</i>	-0.010862762	0.047944579	0.540597747	1
Obesity	nk_cell	<i>SFXN2</i>	0.012061641	0.008008746	0.247334387	1
Obesity	nk_cell	<i>SFXN3</i>	0.009212997	0.023041545	0.390074419	1
Obesity	nk_cell	<i>SH2B1</i>	-0.005353212	0.004029923	0.174513194	1
Obesity	nk_cell	<i>SH2D3A</i>	0.008990964	0.012524084	0.301570551	1
Obesity	nk_cell	<i>SIGLEC7</i>	0.017881256	0.001616652	0.105778643	1
Obesity	nk_cell	<i>SIVA1</i>	0.008698556	0.048886261	0.546064107	1
Obesity	nk_cell	<i>SLC25A30</i>	0.009924096	0.003588707	0.163710806	1
Obesity	nk_cell	<i>SLC37A3</i>	-0.00503761	8.23E-05	0.017393537	0.491861298
Obesity	nk_cell	<i>SLC38A10</i>	-0.002987497	0.023742795	0.395002582	1
Obesity	nk_cell	<i>SLC41A2</i>	0.003879105	0.043359487	0.514119628	1
Obesity	nk_cell	<i>SLC4A5</i>	0.018124053	0.03873254	0.486272395	1
Obesity	nk_cell	<i>SLC5A9</i>	0.012798121	0.016536963	0.345541583	1
Obesity	nk_cell	<i>SMARCE1</i>	-0.004951682	0.011949145	0.297007249	1
Obesity	nk_cell	<i>SMG9</i>	-0.006465619	0.018360753	0.353947934	1
Obesity	nk_cell	<i>SNRNP25</i>	0.010320625	0.019029823	0.355412838	1
Obesity	nk_cell	<i>SNX13</i>	0.002958708	0.015224045	0.32844366	1
Obesity	nk_cell	<i>SNX16</i>	0.009088352	0.000758061	0.07209414	1
Obesity	nk_cell	<i>SNX32</i>	-0.011503149	0.008431577	0.248650207	1
Obesity	nk_cell	<i>SP1</i>	-0.004928266	0.002866916	0.143972166	1
Obesity	nk_cell	<i>SPP1</i>	-0.005414346	0.019013056	0.355412838	1
Obesity	nk_cell	<i>SPTSSB</i>	0.024421931	0.020419565	0.36644841	1
Obesity	nk_cell	<i>SRP14</i>	-0.00865973	1.03E-07	0.00020578	0.00061734
Obesity	nk_cell	<i>SRP14-AS1</i>	0.013965652	5.99E-05	0.014329605	0.358240114
Obesity	nk_cell	<i>SRP68</i>	0.005763348	0.035667702	0.475781663	1
Obesity	nk_cell	<i>SRP72</i>	0.003977893	0.04253534	0.509401183	1
Obesity	nk_cell	<i>STPG1</i>	0.009549464	0.013731016	0.315152004	1
Obesity	nk_cell	<i>STRN4</i>	-0.007458634	0.022456327	0.387707239	1
Obesity	nk_cell	<i>STUB1</i>	-0.006109368	0.042198051	0.506934879	1
Obesity	nk_cell	<i>SULT1A2</i>	0.0376107	1.21E-05	0.004525888	0.072414213
Obesity	nk_cell	<i>SVEP1</i>	0.00242767	0.009219476	0.258664726	1
Obesity	nk_cell	<i>SWAP70</i>	0.002139693	0.007009227	0.230048086	1
Obesity	nk_cell	<i>SYDE1</i>	0.016756988	0.036140874	0.477618756	1
Obesity	nk_cell	<i>SYNGR2</i>	0.008963138	0.000166262	0.02838809	0.993583154
Obesity	nk_cell	<i>TACSTD2</i>	0.036803063	0.025085447	0.398484377	1
Obesity	nk_cell	<i>TADA2A</i>	0.003433351	0.022427792	0.387707239	1
Obesity	nk_cell	<i>TAMM41</i>	0.005119643	0.003696831	0.1653433	1

Obesity	nk_cell	<i>TAPBPL</i>	0.006671343	0.019031477	0.355412838	1
Obesity	nk_cell	<i>TAS2R46</i>	0.045015036	0.012434004	0.300832416	1
Obesity	nk_cell	<i>TBCC</i>	0.015283499	0.025487535	0.399772995	1
Obesity	nk_cell	<i>TBKBP1</i>	0.009918307	0.009529133	0.263639339	1
Obesity	nk_cell	<i>TBL2</i>	0.010538187	0.009832329	0.267081806	1
Obesity	nk_cell	<i>TCP11</i>	0.049872417	0.002238298	0.123852501	1
Obesity	nk_cell	<i>TELO2</i>	0.016920169	0.001220065	0.095752297	1
Obesity	nk_cell	<i>THAP3</i>	0.005729758	0.034175953	0.464224773	1
Obesity	nk_cell	<i>THNSL2</i>	0.011522515	0.030963058	0.43640386	1
Obesity	nk_cell	<i>TICAM2</i>	-0.043193332	0.018668833	0.355412838	1
Obesity	nk_cell	<i>TIGD1</i>	-0.012439224	0.001400844	0.103351167	1
Obesity	nk_cell	<i>TIGD7</i>	-0.006988937	0.046935347	0.533242655	1
Obesity	nk_cell	<i>TIPRL</i>	0.004432612	0.029432783	0.429824137	1
Obesity	nk_cell	<i>TMEM160</i>	0.009165217	0.035928182	0.47722854	1
Obesity	nk_cell	<i>TMEM173</i>	0.006623262	0.010859886	0.278559631	1
Obesity	nk_cell	<i>TMEM184B</i>	0.004689736	0.012651448	0.30242022	1
Obesity	nk_cell	<i>TMEM209</i>	0.010838688	0.030220356	0.432428201	1
Obesity	nk_cell	<i>TMEM231</i>	0.015762961	0.036015742	0.47722854	1
Obesity	nk_cell	<i>TMEM65</i>	0.001810257	0.040791201	0.501580699	1
Obesity	nk_cell	<i>TMEM86A</i>	0.027636141	0.037889998	0.482273215	1
Obesity	nk_cell	<i>TMPRSS9</i>	-0.014214088	0.025161608	0.398484377	1
Obesity	nk_cell	<i>TPBG</i>	0.006946892	0.006680236	0.227629643	1
Obesity	nk_cell	<i>TPRA1</i>	0.008998632	0.035941727	0.47722854	1
Obesity	nk_cell	<i>TPSG1</i>	-0.00563793	0.013447419	0.31147975	1
Obesity	nk_cell	<i>TREML4</i>	-0.009195562	0.010014657	0.268374842	1
Obesity	nk_cell	<i>TRIM23</i>	-0.003914677	0.007121636	0.230048086	1
Obesity	nk_cell	<i>TRIM4</i>	0.005304294	0.013869641	0.315152004	1
Obesity	nk_cell	<i>TRIOBP</i>	0.004585498	0.002412801	0.127254475	1
Obesity	nk_cell	<i>TSLP</i>	0.017299116	0.030246819	0.432428201	1
Obesity	nk_cell	<i>TSSK6</i>	0.043658885	0.017321267	0.351977968	1
Obesity	nk_cell	<i>TTC14</i>	0.00239135	0.007563636	0.236650729	1
Obesity	nk_cell	<i>TTC21A</i>	-0.009945068	0.036562809	0.4783657	1
Obesity	nk_cell	<i>TTC9C</i>	-0.004851318	0.015221925	0.32844366	1
Obesity	nk_cell	<i>TTI1</i>	0.005890517	0.00678159	0.228964859	1
Obesity	nk_cell	<i>TTLL6</i>	-0.031881555	0.005791197	0.21232019	1
Obesity	nk_cell	<i>TUB</i>	0.009856004	0.046522242	0.530566642	1
Obesity	nk_cell	<i>TUFM</i>	0.013021901	0.000165745	0.02838809	0.990493083
Obesity	nk_cell	<i>TXNDC5</i>	0.036191764	0.027472897	0.414077651	1
Obesity	nk_cell	<i>TXNL4A</i>	-0.0058496	0.017957468	0.351977968	1
Obesity	nk_cell	<i>U91324.1</i>	0.01669327	0.01942999	0.3594849	1
Obesity	nk_cell	<i>UBA52</i>	-0.002503349	0.020692205	0.368025639	1
Obesity	nk_cell	<i>UBAP1L</i>	0.009661354	0.033611091	0.461746853	1
Obesity	nk_cell	<i>UBE2Q2</i>	-0.006328674	0.001774661	0.11047263	1
Obesity	nk_cell	<i>UBE3B</i>	0.008196198	1.86E-06	0.001388434	0.011107472
Obesity	nk_cell	<i>UBL7</i>	0.011218319	0.044297397	0.51913295	1
Obesity	nk_cell	<i>UBR2</i>	-0.002340726	8.73E-05	0.017393537	0.521806122
Obesity	nk_cell	<i>UCP2</i>	0.007521048	5.14E-05	0.012790648	0.306975548
Obesity	nk_cell	<i>UFSP1</i>	0.05582009	0.024834665	0.398484377	1
Obesity	nk_cell	<i>UTS2B</i>	0.021810279	0.017925577	0.351977968	1
Obesity	nk_cell	<i>VANGL2</i>	0.039948196	0.001017751	0.086793123	1
Obesity	nk_cell	<i>VCP</i>	0.004538862	0.004466547	0.184083326	1
Obesity	nk_cell	<i>VIP</i>	0.0167233	0.025142713	0.398484377	1

Obesity	nk_cell	<i>VIPAS39</i>	0.008764568	0.00301258	0.147567042	1
Obesity	nk_cell	<i>VWCE</i>	-0.018717355	0.034394374	0.465024388	1
Obesity	nk_cell	<i>WDR60</i>	0.003446379	0.022720643	0.389050324	1
Obesity	nk_cell	<i>WDYHV1</i>	0.010700998	0.006486215	0.226676134	1
Obesity	nk_cell	<i>WRB</i>	0.004567675	0.024968116	0.398484377	1
Obesity	nk_cell	<i>WRN</i>	0.007393562	0.002047201	0.119941899	1
Obesity	nk_cell	<i>YTHDF3-AS1</i>	0.037536806	0.009197489	0.258664726	1
Obesity	nk_cell	<i>ZBTB42</i>	0.075575991	0.000811307	0.073460201	1
Obesity	nk_cell	<i>ZFP41</i>	-0.0331587	0.005489071	0.206306218	1
Obesity	nk_cell	<i>ZFPM2</i>	0.000896271	0.028739521	0.424067594	1
Obesity	nk_cell	<i>ZFYVE19</i>	0.01007008	0.031639334	0.443841926	1
Obesity	nk_cell	<i>ZKSCAN1</i>	0.004233007	0.010860842	0.278559631	1
Obesity	nk_cell	<i>ZKSCAN2</i>	0.020700499	0.037346503	0.480146311	1
Obesity	nk_cell	<i>ZNF10</i>	-0.011669859	0.007336634	0.23315003	1
Obesity	nk_cell	<i>ZNF14</i>	-0.007579457	0.012724256	0.302948823	1
Obesity	nk_cell	<i>ZNF165</i>	0.037622211	0.006271349	0.22308086	1
Obesity	nk_cell	<i>ZNF202</i>	0.010018542	0.002752849	0.139415495	1
Obesity	nk_cell	<i>ZNF23</i>	0.024638782	0.041068142	0.503949116	1
Obesity	nk_cell	<i>ZNF24</i>	0.005085891	0.037584201	0.480146311	1
Obesity	nk_cell	<i>ZNF253</i>	0.006017291	0.017747368	0.351977968	1
Obesity	nk_cell	<i>ZNF260</i>	0.008467642	0.002176474	0.122703874	1
Obesity	nk_cell	<i>ZNF343</i>	0.011951334	0.040558471	0.499747263	1
Obesity	nk_cell	<i>ZNF503-AS1</i>	-0.020315802	0.028354469	0.421508222	1
Obesity	nk_cell	<i>ZNF566</i>	-0.003875774	0.03640358	0.47812702	1
Obesity	nk_cell	<i>ZNF582-AS1</i>	0.023499822	0.004310761	0.178896595	1
Obesity	nk_cell	<i>ZNF585A</i>	0.014931922	0.010688636	0.276516402	1
Obesity	nk_cell	<i>ZNF586</i>	-0.005728543	0.034874596	0.470452794	1
Obesity	nk_cell	<i>ZNF598</i>	0.009837258	0.031519942	0.44320746	1
Obesity	nk_cell	<i>ZNF605</i>	0.011820265	0.000322378	0.041881078	1
Obesity	nk_cell	<i>ZNF613</i>	0.01161379	0.038589555	0.485497222	1
Obesity	nk_cell	<i>ZNF646</i>	0.015054332	0.003134092	0.150664418	1
Obesity	nk_cell	<i>ZNF665</i>	0.014363518	0.008799792	0.253547145	1
Obesity	nk_cell	<i>ZNF714</i>	-0.006216269	0.001668749	0.106089814	1
Obesity	nk_cell	<i>ZNF717</i>	0.008548424	0.00382508	0.16932354	1
Obesity	nk_cell	<i>ZNF738</i>	0.006721629	0.0231743	0.391213607	1
Obesity	nk_cell	<i>ZNF740</i>	0.015103203	0.000173243	0.028758392	1
Obesity	nk_cell	<i>ZNF749</i>	0.01596186	0.038034118	0.482450525	1
Obesity	nk_cell	<i>ZNF772</i>	-0.027942855	0.020211811	0.364210956	1
Obesity	nk_cell	<i>ZNF780A</i>	-0.031195284	0.000467377	0.056462699	1
Obesity	nk_cell	<i>ZNF781</i>	-0.016473886	0.043273865	0.514119628	1
Obesity	nk_cell	<i>ZSCAN18</i>	0.008596705	0.006703952	0.227629643	1
Obesity	nk_cell	<i>HLA-DOB</i>	0.007580547	0.036899906	0.480146311	1
Obesity	nk_cell	<i>FCN2</i>	0.052567505	0.006437308	0.226290305	1
Obesity	nk_cell	<i>SERPINA3</i>	0.008891196	0.007298029	0.23315003	1
Obesity	nk_cell	<i>KLHDC7A</i>	0.124909649	8.45E-05	0.017393537	0.505009547
Obesity	nk_cell	<i>KRTAP5-9</i>	0.13480629	0.002104061	0.122076375	1
Obesity	nk_cell	<i>LCN2</i>	0.007693079	0.04272605	0.510661755	1
Obesity	nk_cell	<i>OR2AE1</i>	-0.005701031	0.008503499	0.248650207	1
Obesity	nk_cell	<i>AP005482.1</i>	0.005274319	0.020233507	0.364210956	1
Obesity	nk_cell	<i>KRT72</i>	0.076843271	0.037230399	0.480146311	1
Obesity	nk_cell	<i>TM6SF2</i>	0.065223244	0.037455028	0.480146311	1
Obesity	nk_cell	<i>LINC01123</i>	0.013342229	0.029787815	0.431021754	1

Obesity	nk_cell	<i>SLC22A31</i>	0.010569107	0.021363556	0.37763326	1
Obesity	nk_cell	<i>KRT4</i>	0.094022546	0.030780499	0.435886879	1
Obesity	nk_cell	<i>CHIA</i>	0.007514331	0.010593682	0.275757169	1
Obesity	nk_cell	<i>SRXN1</i>	0.058811974	0.046672992	0.531272003	1
Obesity	nk_cell	<i>LILRA4</i>	0.073592289	0.005362641	0.204096909	1
Obesity	pericyte	<i>ABHD15</i>	0.01106033	0.004530105	0.199294274	1
Obesity	pericyte	<i>AC026740.1</i>	-0.006538614	0.021421079	0.455393741	1
Obesity	pericyte	<i>AC067945.3</i>	0.012024378	0.00350244	0.170167337	1
Obesity	pericyte	<i>AC147651.3</i>	-0.016400024	0.042981211	0.600130178	1
Obesity	pericyte	<i>ACER3</i>	0.00137605	0.033905183	0.552283377	1
Obesity	pericyte	<i>ACHE</i>	0.026392943	0.017953846	0.422410172	1
Obesity	pericyte	<i>ACOX1</i>	0.003863699	0.018343603	0.424889025	1
Obesity	pericyte	<i>ACP2</i>	0.012465352	0.048605396	0.619565656	1
Obesity	pericyte	<i>ADORA2B</i>	0.015852484	0.000104204	0.016830287	0.622720611
Obesity	pericyte	<i>AGA</i>	-0.006474991	0.042525393	0.598020961	1
Obesity	pericyte	<i>AGER</i>	0.014887605	0.004919688	0.208511036	1
Obesity	pericyte	<i>AHSA2</i>	0.003760227	0.006147154	0.243280729	1
Obesity	pericyte	<i>AKAP10</i>	-0.002061479	0.021528068	0.455393741	1
Obesity	pericyte	<i>AKTIP</i>	-0.006112531	0.046964619	0.614136898	1
Obesity	pericyte	<i>ALOX12</i>	0.009543277	0.022722023	0.465023312	1
Obesity	pericyte	<i>ALPK3</i>	0.005450497	0.032079789	0.537882541	1
Obesity	pericyte	<i>AMPH</i>	-0.005020008	0.027271926	0.510439378	1
Obesity	pericyte	<i>ANGEL2</i>	-0.004324478	0.000541231	0.059896183	1
Obesity	pericyte	<i>AP001007.1</i>	0.027703786	0.013998724	0.373002146	1
Obesity	pericyte	<i>APIG2</i>	-0.008511389	0.022292003	0.46360776	1
Obesity	pericyte	<i>AP4MI</i>	0.008830447	0.004415094	0.198492136	1
Obesity	pericyte	<i>APAF1</i>	-0.003643675	0.004450572	0.198492136	1
Obesity	pericyte	<i>APBB1</i>	-0.012823243	0.015579724	0.390431265	1
Obesity	pericyte	<i>APLNR</i>	-0.013060573	0.032132541	0.537882541	1
Obesity	pericyte	<i>APOB</i>	0.01153823	0.03184396	0.537882541	1
Obesity	pericyte	<i>AQP3</i>	0.01799141	0.000382526	0.045898879	1
Obesity	pericyte	<i>ARFIP1</i>	-0.0032231	0.008950468	0.293890078	1
Obesity	pericyte	<i>ARHGEF33</i>	0.016864708	0.034611857	0.556839302	1
Obesity	pericyte	<i>ASAP3</i>	0.007959983	0.019211273	0.436526865	1
Obesity	pericyte	<i>ASB6</i>	0.01517284	0.011778302	0.333588299	1
Obesity	pericyte	<i>ASNSD1</i>	-0.009383935	0.024749535	0.483343869	1
Obesity	pericyte	<i>ATL3</i>	0.002806004	0.039720832	0.587337415	1
Obesity	pericyte	<i>ATP10B</i>	0.013082328	0.037379141	0.578124582	1
Obesity	pericyte	<i>ATP5G2</i>	0.005549238	0.003611078	0.17403067	1
Obesity	pericyte	<i>ATP6V0D2</i>	0.024795275	0.001280917	0.101660856	1
Obesity	pericyte	<i>ATP8B3</i>	-0.027730268	0.048158146	0.618861668	1
Obesity	pericyte	<i>ATP9A</i>	-0.003857241	0.002750838	0.146451887	1
Obesity	pericyte	<i>ATRAID</i>	0.006962508	0.014942516	0.379985008	1
Obesity	pericyte	<i>B3GALT2</i>	-0.024595713	7.32E-05	0.013678852	0.437723277
Obesity	pericyte	<i>B4GALNT1</i>	-0.035607621	0.028465348	0.513897959	1
Obesity	pericyte	<i>BAK1</i>	0.024720906	0.004097046	0.189798054	1
Obesity	pericyte	<i>BCKDHA</i>	-0.023538732	0.037729014	0.578124582	1
Obesity	pericyte	<i>BECN1</i>	-0.011223479	2.51E-07	0.000250477	0.001502863
Obesity	pericyte	<i>BIK</i>	-0.036235703	0.037072432	0.578124582	1
Obesity	pericyte	<i>BLOC1S1</i>	-0.008679793	0.007243819	0.262911259	1
Obesity	pericyte	<i>BMP8A</i>	-0.044622467	1.38E-07	0.000165292	0.000826459
Obesity	pericyte	<i>BST2</i>	-0.002707781	0.047303025	0.615258092	1

Obesity	pericyte	<i>BTBD6</i>	0.01099631	0.030160177	0.531673215	1
Obesity	pericyte	<i>BTNL3</i>	-0.01314194	0.04565814	0.61202482	1
Obesity	pericyte	<i>BVES</i>	-0.029414947	0.009572812	0.301090113	1
Obesity	pericyte	<i>C10orf25</i>	-0.048295361	0.013427761	0.364746823	1
Obesity	pericyte	<i>C11orf63</i>	0.008516622	0.002385464	0.137154676	1
Obesity	pericyte	<i>C12orf73</i>	-0.009188499	0.007621384	0.271103499	1
Obesity	pericyte	<i>C17orf49</i>	-0.029728264	0.039090952	0.587337415	1
Obesity	pericyte	<i>C1QTNF6</i>	0.013375075	0.001309887	0.101660856	1
Obesity	pericyte	<i>C1orf109</i>	0.010783001	0.001786589	0.121325643	1
Obesity	pericyte	<i>C20orf96</i>	0.009506778	0.017453269	0.420567485	1
Obesity	pericyte	<i>C2CD5</i>	-0.002154357	0.045010342	0.607596641	1
Obesity	pericyte	<i>C2orf73</i>	0.025579498	6.22E-06	0.002655095	0.03717133
Obesity	pericyte	<i>C9orf66</i>	-0.01012377	0.023000861	0.466784736	1
Obesity	pericyte	<i>CAMK2A</i>	-0.042172421	7.12E-06	0.002658874	0.042541991
Obesity	pericyte	<i>CAMLG</i>	0.0050837	0.019746502	0.438543539	1
Obesity	pericyte	<i>CAPZA1</i>	-0.003111481	0.000418403	0.047176964	1
Obesity	pericyte	<i>CAPZA2</i>	-0.00434379	0.020940492	0.451770319	1
Obesity	pericyte	<i>CATSPERB</i>	0.002692375	0.039063234	0.587337415	1
Obesity	pericyte	<i>CC2D2A</i>	0.003597072	4.95E-05	0.011384536	0.295997926
Obesity	pericyte	<i>CCDC114</i>	0.035765127	0.039801423	0.587337415	1
Obesity	pericyte	<i>CCDC117</i>	-0.013631627	0.00072948	0.075161637	1
Obesity	pericyte	<i>CCDC127</i>	-0.008210508	0.048361749	0.618864697	1
Obesity	pericyte	<i>CCDC146</i>	0.00234282	0.046754087	0.614000979	1
Obesity	pericyte	<i>CCDC82</i>	-0.004852543	0.006137415	0.243280729	1
Obesity	pericyte	<i>CCDC84</i>	0.004840842	1.78E-05	0.00561284	0.106643951
Obesity	pericyte	<i>CCL23</i>	-0.058951907	0.012595419	0.345276265	1
Obesity	pericyte	<i>CD1D</i>	0.018507953	0.002999603	0.153210483	1
Obesity	pericyte	<i>CD27</i>	0.007045468	0.022138931	0.462595284	1
Obesity	pericyte	<i>CD5</i>	-0.00607304	0.023010596	0.466784736	1
Obesity	pericyte	<i>CD84</i>	-0.003490038	0.003779613	0.177850144	1
Obesity	pericyte	<i>CDC16</i>	-0.002864502	0.046188257	0.612803263	1
Obesity	pericyte	<i>CDC27</i>	-0.003824725	0.037492737	0.578124582	1
Obesity	pericyte	<i>CDCA3</i>	-0.057640564	0.018891915	0.434223399	1
Obesity	pericyte	<i>CENPO</i>	0.011395625	0.007860989	0.27600729	1
Obesity	pericyte	<i>CENPW</i>	0.027219374	0.000384027	0.045898879	1
Obesity	pericyte	<i>CEP44</i>	0.003119245	0.039452753	0.587337415	1
Obesity	pericyte	<i>CEP57</i>	-0.002799298	0.017888297	0.422410172	1
Obesity	pericyte	<i>CEPT1</i>	0.002317817	0.042226178	0.598020961	1
Obesity	pericyte	<i>CHMP5</i>	0.007835657	0.037582622	0.578124582	1
Obesity	pericyte	<i>CLCNKA</i>	0.040149747	0.030421087	0.532669492	1
Obesity	pericyte	<i>CLHC1</i>	-0.008490273	0.008267794	0.280729181	1
Obesity	pericyte	<i>CLUAP1</i>	-0.006814887	0.016754942	0.407022496	1
Obesity	pericyte	<i>CNGA4</i>	0.031244813	0.0020804	0.129504896	1
Obesity	pericyte	<i>COG4</i>	0.005259068	0.010733896	0.317553278	1
Obesity	pericyte	<i>COLQ</i>	-0.008154633	0.006871647	0.261560269	1
Obesity	pericyte	<i>COMMD2</i>	0.003281933	0.040704216	0.587556508	1
Obesity	pericyte	<i>CPSF3</i>	-0.008855318	0.001475592	0.107538259	1
Obesity	pericyte	<i>CRELD2</i>	0.008839184	0.023198639	0.466784736	1
Obesity	pericyte	<i>CTSF</i>	0.011929824	0.001688893	0.117358455	1
Obesity	pericyte	<i>CTSL</i>	0.004281744	0.009804642	0.302609761	1
Obesity	pericyte	<i>CXCL13</i>	0.016130988	0.042430214	0.598020961	1
Obesity	pericyte	<i>DDX25</i>	-0.058696172	0.009715591	0.302397762	1

Obesity	pericyte	<i>DDX59</i>	0.005678412	0.025462087	0.492431825	1
Obesity	pericyte	<i>DGCR6L</i>	0.019792842	0.011623576	0.330773776	1
Obesity	pericyte	<i>DHRS12</i>	0.008888275	0.008371791	0.28265438	1
Obesity	pericyte	<i>DNAH7</i>	0.014437771	0.004640531	0.199564395	1
Obesity	pericyte	<i>DNAJB12</i>	0.005821911	0.049496726	0.624034673	1
Obesity	pericyte	<i>DPY19L1</i>	0.007769708	0.03126088	0.537882541	1
Obesity	pericyte	<i>DSP</i>	0.008718014	0.047981028	0.618861668	1
Obesity	pericyte	<i>DTYMK</i>	-0.014563461	0.048890191	0.621633579	1
Obesity	pericyte	<i>DVL3</i>	0.004565315	0.048995059	0.621644316	1
Obesity	pericyte	<i>EFNB3</i>	0.041966048	0.001019864	0.086542808	1
Obesity	pericyte	<i>EFTUD2</i>	-0.00551779	0.001028203	0.086542808	1
Obesity	pericyte	<i>EIF3C</i>	-0.04446725	0.032332687	0.538217646	1
Obesity	pericyte	<i>EIF4B</i>	-0.003311695	0.042479931	0.598020961	1
Obesity	pericyte	<i>ELK4</i>	0.006838498	0.021241389	0.453351922	1
Obesity	pericyte	<i>ELP3</i>	0.005066534	4.14E-05	0.010320524	0.247692581
Obesity	pericyte	<i>ENPP6</i>	-0.034084056	0.014283319	0.375127844	1
Obesity	pericyte	<i>ENSA</i>	-0.002861103	0.039247992	0.587337415	1
Obesity	pericyte	<i>ERCC6</i>	0.006458105	0.000139193	0.020795431	0.831817254
Obesity	pericyte	<i>ERCC8</i>	0.008479122	0.019556343	0.438543539	1
Obesity	pericyte	<i>ESYT2</i>	0.001855397	0.007259096	0.262911259	1
Obesity	pericyte	<i>EXOC3L4</i>	0.021710608	0.007180151	0.262911259	1
Obesity	pericyte	<i>EXOG</i>	0.004446264	0.007045968	0.262911259	1
Obesity	pericyte	<i>EYA1</i>	0.005354195	0.001455502	0.107538259	1
Obesity	pericyte	<i>FAM107A</i>	0.008825262	0.031493018	0.537882541	1
Obesity	pericyte	<i>FAM153B</i>	-0.014620551	0.035430711	0.564623811	1
Obesity	pericyte	<i>FAM196A</i>	0.004512188	0.002205823	0.135896915	1
Obesity	pericyte	<i>FAM221A</i>	0.018179113	0.002019602	0.129504896	1
Obesity	pericyte	<i>FAM228A</i>	0.081352356	0.000863311	0.085513647	1
Obesity	pericyte	<i>FAM57A</i>	0.020800691	0.00364656	0.174334717	1
Obesity	pericyte	<i>FAM69C</i>	-0.047804604	0.007989384	0.277584635	1
Obesity	pericyte	<i>FANCG</i>	-0.021870103	0.010075074	0.307186957	1
Obesity	pericyte	<i>FASTK</i>	0.008942255	0.033917001	0.552283377	1
Obesity	pericyte	<i>FBXW8</i>	0.0036219	0.001328222	0.101762221	1
Obesity	pericyte	<i>FBXW9</i>	0.018049163	0.027299859	0.510439378	1
Obesity	pericyte	<i>FDPS</i>	0.005795103	0.027425422	0.510439378	1
Obesity	pericyte	<i>FDX1</i>	0.005118891	0.046061595	0.612803263	1
Obesity	pericyte	<i>FLG</i>	-0.017314837	0.02411565	0.475627478	1
Obesity	pericyte	<i>FOXN2</i>	0.002071206	0.036188281	0.575162679	1
Obesity	pericyte	<i>FOXO6</i>	-0.010743191	0.037593354	0.578124582	1
Obesity	pericyte	<i>FOXP2</i>	0.001986073	0.014877545	0.379985008	1
Obesity	pericyte	<i>FPGT</i>	0.008979641	0.014088932	0.373002146	1
Obesity	pericyte	<i>FRA10AC1</i>	-0.006322285	0.000191676	0.026257657	1
Obesity	pericyte	<i>FRS3</i>	-0.011085478	0.008796508	0.293675594	1
Obesity	pericyte	<i>FXYP6</i>	0.014543525	0.014332155	0.375127844	1
Obesity	pericyte	<i>GAS6</i>	-0.002960237	0.044591196	0.607596641	1
Obesity	pericyte	<i>GGA1</i>	0.010975619	0.002010541	0.129504896	1
Obesity	pericyte	<i>GGA3</i>	0.004801533	0.041547348	0.596843636	1
Obesity	pericyte	<i>GIGYF1</i>	0.007593762	0.028079019	0.513897959	1
Obesity	pericyte	<i>GLB1L</i>	0.019226111	0.028422242	0.513897959	1
Obesity	pericyte	<i>GLIPR1L2</i>	-0.009573097	0.042630008	0.598020961	1
Obesity	pericyte	<i>GNB3</i>	-0.02912951	0.039343263	0.587337415	1
Obesity	pericyte	<i>GNPDA1</i>	-0.007396816	0.000197723	0.026257657	1

Obesity	pericyte	<i>GORASP1</i>	0.014672481	0.025043716	0.487495921	1
Obesity	pericyte	<i>GOSR1</i>	0.003393869	0.003425606	0.167798557	1
Obesity	pericyte	<i>GPAT2</i>	-0.053396305	9.53E-05	0.015827961	0.569806609
Obesity	pericyte	<i>GPATCH2L</i>	-0.004633244	0.001464605	0.107538259	1
Obesity	pericyte	<i>GPD2</i>	0.003300234	0.01567997	0.390431265	1
Obesity	pericyte	<i>GPR161</i>	0.009330309	0.007897799	0.27600729	1
Obesity	pericyte	<i>GPX7</i>	-0.006432676	0.044352713	0.607596641	1
Obesity	pericyte	<i>GS1-124K5.4</i>	-0.013990714	0.008862833	0.293890078	1
Obesity	pericyte	<i>GTSF1</i>	0.016896984	0.029112956	0.519340365	1
Obesity	pericyte	<i>H1FX</i>	0.005118635	0.04685148	0.614000979	1
Obesity	pericyte	<i>H6PD</i>	0.004633715	0.048061106	0.618861668	1
Obesity	pericyte	<i>HAGHL</i>	-0.008759784	0.045805945	0.61202482	1
Obesity	pericyte	<i>HAP1</i>	0.030182311	0.031664074	0.537882541	1
Obesity	pericyte	<i>HAUS1</i>	-0.019926597	6.60E-05	0.012726687	0.394527285
Obesity	pericyte	<i>HAVCR1</i>	-0.023933956	0.028481945	0.513897959	1
Obesity	pericyte	<i>HCN1</i>	-0.016398531	0.044550764	0.607596641	1
Obesity	pericyte	<i>HDHD2</i>	0.014015644	0.029758616	0.529278238	1
Obesity	pericyte	<i>HID1</i>	0.008021192	0.040607344	0.587556508	1
Obesity	pericyte	<i>HIST1H3E</i>	0.015934272	0.02422125	0.47613879	1
Obesity	pericyte	<i>HLA-DMA</i>	0.003795543	0.016680086	0.407022496	1
Obesity	pericyte	<i>HOOK1</i>	0.009705937	0.009090148	0.296845486	1
Obesity	pericyte	<i>HPR</i>	0.025672582	0.010154118	0.308025428	1
Obesity	pericyte	<i>HPS4</i>	0.005106638	0.001923477	0.127718884	1
Obesity	pericyte	<i>HPX</i>	0.055127418	0.008649994	0.290406528	1
Obesity	pericyte	<i>HRK</i>	-0.018018913	0.045881379	0.61202482	1
Obesity	pericyte	<i>HSD17B1</i>	0.012699805	0.040443204	0.587337415	1
Obesity	pericyte	<i>HSD17B13</i>	0.019908831	0.018165823	0.424058431	1
Obesity	pericyte	<i>HSPG2</i>	0.001799306	0.003722577	0.176556506	1
Obesity	pericyte	<i>HTATIP2</i>	-0.00812119	0.030285218	0.532307246	1
Obesity	pericyte	<i>ICAIL</i>	0.00472457	0.044424187	0.607596641	1
Obesity	pericyte	<i>IFIT5</i>	-0.014014134	0.028941561	0.517828655	1
Obesity	pericyte	<i>IFT74</i>	0.004007864	0.024730779	0.483343869	1
Obesity	pericyte	<i>IL16</i>	0.004459341	0.010955731	0.322519445	1
Obesity	pericyte	<i>IL22RA1</i>	0.055423505	0.018239439	0.42412019	1
Obesity	pericyte	<i>IMPA1</i>	0.006710406	0.040217617	0.587337415	1
Obesity	pericyte	<i>IMPA2</i>	0.007813029	0.000933562	0.085830248	1
Obesity	pericyte	<i>INTS8</i>	-0.003889438	0.016258127	0.401481674	1
Obesity	pericyte	<i>IRF6</i>	0.040605068	0.002541455	0.141941454	1
Obesity	pericyte	<i>ITIH4</i>	-0.012642807	0.037711701	0.578124582	1
Obesity	pericyte	<i>JAKMIP3</i>	-0.051396681	0.001058694	0.087871602	1
Obesity	pericyte	<i>KCNAB2</i>	-0.003735264	0.0046143	0.199564395	1
Obesity	pericyte	<i>KCNH4</i>	-0.01191166	0.030484097	0.532669492	1
Obesity	pericyte	<i>KHK</i>	0.02537833	0.004434655	0.198492136	1
Obesity	pericyte	<i>KIAA0825</i>	0.002234689	0.026540339	0.506725444	1
Obesity	pericyte	<i>KIAA1211L</i>	0.013398705	0.009565872	0.301090113	1
Obesity	pericyte	<i>KLHL7</i>	0.004779529	0.043700194	0.60312323	1
Obesity	pericyte	<i>LARP7</i>	-0.003780803	0.023971529	0.474350525	1
Obesity	pericyte	<i>LCA5L</i>	-0.012034048	0.0071231	0.262911259	1
Obesity	pericyte	<i>LDHA</i>	0.005734671	0.008045017	0.277901856	1
Obesity	pericyte	<i>LDLRAD2</i>	0.016928093	5.67E-05	0.01168791	0.338949394
Obesity	pericyte	<i>LEMD2</i>	0.008822111	8.15E-05	0.014757256	0.486989463
Obesity	pericyte	<i>LHCGR</i>	0.030374606	0.000291611	0.036305622	1

Obesity	pericyte	<i>LILRB4</i>	-0.009360073	0.011407595	0.32933231	1
Obesity	pericyte	<i>LINC00174</i>	-0.003853952	0.006235024	0.245134878	1
Obesity	pericyte	<i>LINC00648</i>	0.011880632	0.002253637	0.136037732	1
Obesity	pericyte	<i>LINC00865</i>	-0.011096115	0.022451962	0.46360776	1
Obesity	pericyte	<i>LIPA</i>	-0.008111045	0.003050743	0.15450204	1
Obesity	pericyte	<i>LIPC</i>	-0.008893716	0.017704551	0.422410172	1
Obesity	pericyte	<i>LIPT2</i>	0.031465546	0.02843581	0.513897959	1
Obesity	pericyte	<i>LMAN2L</i>	-0.009687844	2.96E-06	0.001608319	0.017674637
Obesity	pericyte	<i>LMBR1</i>	0.003903904	0.022378558	0.46360776	1
Obesity	pericyte	<i>LMO1</i>	0.030038237	0.004018946	0.187634542	1
Obesity	pericyte	<i>LMX1B</i>	0.023495972	0.009684874	0.302397762	1
Obesity	pericyte	<i>LRCH4</i>	0.016053971	0.042133626	0.598020961	1
Obesity	pericyte	<i>LRRC27</i>	-0.010969339	0.003130179	0.155919123	1
Obesity	pericyte	<i>LRRC37A3</i>	-0.01421667	0.00117987	0.096587714	1
Obesity	pericyte	<i>LRRC38</i>	0.033343307	0.014437651	0.375127844	1
Obesity	pericyte	<i>LRRC61</i>	0.021076235	4.93E-06	0.00245508	0.029460961
Obesity	pericyte	<i>LSAMP</i>	0.005437272	0.013838771	0.370854236	1
Obesity	pericyte	<i>LTF</i>	0.028046325	0.001371748	0.103766633	1
Obesity	pericyte	<i>MAK16</i>	-0.007399401	0.038138974	0.579945317	1
Obesity	pericyte	<i>MAN2C1</i>	0.003918956	0.034111649	0.553943521	1
Obesity	pericyte	<i>MAP3K8</i>	0.002341305	0.021565667	0.455393741	1
Obesity	pericyte	<i>MASPI</i>	0.018315183	0.010597608	0.315874948	1
Obesity	pericyte	<i>MAST2</i>	0.005460552	0.002059918	0.129504896	1
Obesity	pericyte	<i>MASTL</i>	0.008022081	0.037982797	0.579945317	1
Obesity	pericyte	<i>MAVS</i>	-0.008058346	0.014106172	0.373002146	1
Obesity	pericyte	<i>MCCC1</i>	0.003891474	0.009179223	0.298125193	1
Obesity	pericyte	<i>MCM10</i>	-0.012536945	0.035137497	0.562936041	1
Obesity	pericyte	<i>MDM1</i>	0.00555239	0.002604197	0.143337002	1
Obesity	pericyte	<i>MEAI</i>	-0.028947765	0.037604848	0.578124582	1
Obesity	pericyte	<i>METTL7B</i>	-0.025432339	0.017824599	0.422410172	1
Obesity	pericyte	<i>MFAP1</i>	0.010845262	0.01124007	0.326864716	1
Obesity	pericyte	<i>MFAP3L</i>	0.013524041	0.020202639	0.442237991	1
Obesity	pericyte	<i>MGRN1</i>	-0.004317884	0.013621144	0.366767459	1
Obesity	pericyte	<i>MIER1</i>	0.002463829	0.005839251	0.237383418	1
Obesity	pericyte	<i>MLKL</i>	0.005559485	0.002331577	0.137154676	1
Obesity	pericyte	<i>MMRN1</i>	0.001275047	0.009936704	0.304521751	1
Obesity	pericyte	<i>MOGAT1</i>	0.010096267	0.011610041	0.330773776	1
Obesity	pericyte	<i>MPV17L</i>	-0.044741152	0.002234924	0.136037732	1
Obesity	pericyte	<i>MRC2</i>	0.002737863	0.042923386	0.600130178	1
Obesity	pericyte	<i>MROH7</i>	0.020444436	0.038931776	0.587337415	1
Obesity	pericyte	<i>MRPL43</i>	0.007328458	0.018771241	0.433115587	1
Obesity	pericyte	<i>MRPL47</i>	-0.008047334	0.009823677	0.302609761	1
Obesity	pericyte	<i>MRPL52</i>	0.007615508	0.000877217	0.085513647	1
Obesity	pericyte	<i>MRPL54</i>	-0.006743583	0.031201683	0.537882541	1
Obesity	pericyte	<i>MRPS26</i>	-0.009495138	0.007855202	0.27600729	1
Obesity	pericyte	<i>MRPS9</i>	0.00488637	0.015087332	0.38204193	1
Obesity	pericyte	<i>MSH6</i>	0.003142253	0.03686156	0.578124582	1
Obesity	pericyte	<i>MT1A</i>	-0.022137085	0.03924691	0.587337415	1
Obesity	pericyte	<i>MTBP</i>	-0.00709039	0.006499106	0.253847429	1
Obesity	pericyte	<i>MTMR6</i>	0.012960576	0.002386895	0.137154676	1
Obesity	pericyte	<i>MTPAP</i>	-0.00649377	0.003220429	0.159051928	1
Obesity	pericyte	<i>MVB12B</i>	0.003352769	0.03123569	0.537882541	1

Obesity	pericyte	<i>MYO15A</i>	0.009951596	0.019583727	0.438543539	1
Obesity	pericyte	<i>MYO6</i>	0.002652443	0.047462179	0.615258092	1
Obesity	pericyte	<i>NAA60</i>	0.010699276	0.033018363	0.542206502	1
Obesity	pericyte	<i>NACCI</i>	0.016210197	0.011182702	0.326864716	1
Obesity	pericyte	<i>NBN</i>	0.006170397	0.000291192	0.036305622	1
Obesity	pericyte	<i>NBR1</i>	-0.005221124	0.009426877	0.301090113	1
Obesity	pericyte	<i>NCLN</i>	0.006402624	0.04663779	0.614000979	1
Obesity	pericyte	<i>NDST1</i>	-0.011642101	0.000622173	0.065229911	1
Obesity	pericyte	<i>NDUFA6</i>	0.007860779	0.007140008	0.262911259	1
Obesity	pericyte	<i>NFYA</i>	0.006220142	0.001309352	0.101660856	1
Obesity	pericyte	<i>NINJI</i>	-0.009071299	0.005359352	0.219366361	1
Obesity	pericyte	<i>NLRC4</i>	0.008016264	0.005201637	0.215867927	1
Obesity	pericyte	<i>NMNAT3</i>	0.005007041	0.023114357	0.466784736	1
Obesity	pericyte	<i>NOL6</i>	0.015541534	0.011267425	0.326864716	1
Obesity	pericyte	<i>NOM1</i>	-0.004776691	0.008901773	0.293890078	1
Obesity	pericyte	<i>NOS2</i>	0.042805503	0.00274577	0.146451887	1
Obesity	pericyte	<i>NPCIL1</i>	-0.040600415	0.000157465	0.022405037	0.941011547
Obesity	pericyte	<i>NQO2</i>	0.005045423	0.044696901	0.607596641	1
Obesity	pericyte	<i>NRBP1</i>	-0.004091786	0.023722559	0.472625657	1
Obesity	pericyte	<i>NRXN2</i>	0.01670912	0.001718105	0.118016063	1
Obesity	pericyte	<i>NTMT1</i>	-0.018609554	0.002061247	0.129504896	1
Obesity	pericyte	<i>NUDT16L1</i>	0.007388491	0.028602053	0.513897959	1
Obesity	pericyte	<i>NUDT2</i>	0.011504615	0.001592013	0.11326032	1
Obesity	pericyte	<i>NUPL2</i>	0.004896254	0.019678977	0.438543539	1
Obesity	pericyte	<i>NYAP1</i>	-0.023328231	0.014391294	0.375127844	1
Obesity	pericyte	<i>OAS1</i>	-0.005426624	0.007088571	0.262911259	1
Obesity	pericyte	<i>OTOGL</i>	0.024523075	0.025855461	0.495231523	1
Obesity	pericyte	<i>OXGR1</i>	0.014871115	0.019887098	0.438543539	1
Obesity	pericyte	<i>P2RY11</i>	-0.024732647	0.022595549	0.464024056	1
Obesity	pericyte	<i>PACSN3</i>	-0.021011439	0.027840988	0.513897959	1
Obesity	pericyte	<i>PAFAH2</i>	0.005396964	0.045761802	0.61202482	1
Obesity	pericyte	<i>PARD3</i>	-0.000960811	0.030066572	0.531591229	1
Obesity	pericyte	<i>PCGF3</i>	0.005506041	0.010253942	0.309482614	1
Obesity	pericyte	<i>PCYOX1L</i>	0.016632182	1.07E-05	0.003759656	0.063914145
Obesity	pericyte	<i>PDCD1</i>	0.015110253	0.001246342	0.100650525	1
Obesity	pericyte	<i>PDLIM4</i>	-0.016215724	0.018104944	0.424058431	1
Obesity	pericyte	<i>PII5</i>	0.049827941	0.037268954	0.578124582	1
Obesity	pericyte	<i>PLA2G2D</i>	-0.062528782	0.000907185	0.085830248	1
Obesity	pericyte	<i>PLAT</i>	0.005853091	0.006108696	0.243280729	1
Obesity	pericyte	<i>PLD1</i>	0.002258496	0.043532812	0.602788726	1
Obesity	pericyte	<i>PLGLB1</i>	0.062778169	0.040464314	0.587337415	1
Obesity	pericyte	<i>PLRG1</i>	0.006089867	0.002769254	0.146451887	1
Obesity	pericyte	<i>PM20D1</i>	-0.008977147	0.012421681	0.342082784	1
Obesity	pericyte	<i>PMS1</i>	0.004133469	8.92E-05	0.015675244	0.532958291
Obesity	pericyte	<i>POGLUT1</i>	0.006343029	0.013624896	0.366767459	1
Obesity	pericyte	<i>POLR3G</i>	0.008258331	0.025676945	0.49498523	1
Obesity	pericyte	<i>PP2D1</i>	0.011256556	4.36E-05	0.010432191	0.26080477
Obesity	pericyte	<i>PPIL2</i>	0.007692995	2.32E-06	0.001539895	0.013859055
Obesity	pericyte	<i>PPM1G</i>	-0.004535674	0.023805275	0.472625657	1
Obesity	pericyte	<i>PPP2R5E</i>	0.003851207	0.000989966	0.086542808	1
Obesity	pericyte	<i>PRDM5</i>	0.004856375	0.027503594	0.510439378	1
Obesity	pericyte	<i>PRKAB1</i>	-0.013900993	0.020041443	0.440322302	1

Obesity	pericyte	<i>PRKAR2A</i>	-0.002551835	0.011472305	0.329608152	1
Obesity	pericyte	<i>PRMT7</i>	0.00590295	0.04737882	0.615258092	1
Obesity	pericyte	<i>PRSS27</i>	0.085662003	0.02863588	0.513897959	1
Obesity	pericyte	<i>PRTN3</i>	0.006814232	0.00088719	0.085513647	1
Obesity	pericyte	<i>PYCR2</i>	0.023907192	1.22E-07	0.000165292	0.000726344
Obesity	pericyte	<i>QRICH1</i>	-0.002534403	0.019557289	0.438543539	1
Obesity	pericyte	<i>RAB3GAP2</i>	-0.002239355	0.047189877	0.615258092	1
Obesity	pericyte	<i>RAB5C</i>	-0.005424331	0.04573437	0.61202482	1
Obesity	pericyte	<i>RAD52</i>	-0.002922397	0.030035499	0.531591229	1
Obesity	pericyte	<i>RAPGEF3</i>	-0.004828148	0.043186712	0.601593916	1
Obesity	pericyte	<i>RARRES2</i>	0.004772626	6.56E-07	0.000559897	0.003919276
Obesity	pericyte	<i>RASGRP3</i>	-0.001679909	0.02702122	0.510439378	1
Obesity	pericyte	<i>RASL11A</i>	-0.010190301	0.03186364	0.537882541	1
Obesity	pericyte	<i>REEP2</i>	0.024441334	0.034584594	0.556839302	1
Obesity	pericyte	<i>REPIN1</i>	0.015587082	2.96E-06	0.001608319	0.017691513
Obesity	pericyte	<i>RET</i>	-0.026696483	0.000753657	0.076336485	1
Obesity	pericyte	<i>RFX8</i>	0.015267381	0.009426638	0.301090113	1
Obesity	pericyte	<i>RNF165</i>	0.003957662	0.048623878	0.619565656	1
Obesity	pericyte	<i>RNF214</i>	0.005047087	0.004279477	0.196724253	1
Obesity	pericyte	<i>ROBO3</i>	0.004374037	0.03307244	0.542206502	1
Obesity	pericyte	<i>RPRD1A</i>	-0.00201148	0.034662688	0.556839302	1
Obesity	pericyte	<i>RPS28</i>	-0.006969913	0.01212102	0.338278273	1
Obesity	pericyte	<i>RPS6KB1</i>	0.003408931	0.049327468	0.624034673	1
Obesity	pericyte	<i>RPS6KL1</i>	0.010309792	0.008189919	0.279674024	1
Obesity	pericyte	<i>RRBP1</i>	0.004465351	1.74E-05	0.00561284	0.104069034
Obesity	pericyte	<i>RRM1</i>	-0.007087682	0.014577974	0.377134071	1
Obesity	pericyte	<i>RRN3</i>	-0.009433783	0.023730188	0.472625657	1
Obesity	pericyte	<i>RWDD1</i>	0.008370262	0.021066014	0.452843516	1
Obesity	pericyte	<i>S100B</i>	0.008561244	0.00295396	0.153131063	1
Obesity	pericyte	<i>SACMIL</i>	0.004482466	0.002972424	0.153131063	1
Obesity	pericyte	<i>SAMD14</i>	-0.016185622	0.02832747	0.513897959	1
Obesity	pericyte	<i>SAP130</i>	-0.00662539	0.01186876	0.334564669	1
Obesity	pericyte	<i>SARS2</i>	0.018067574	0.002013691	0.129504896	1
Obesity	pericyte	<i>SC5D</i>	0.010406136	9.28E-05	0.015827961	0.554372601
Obesity	pericyte	<i>SCAMP1</i>	-0.003287963	0.007577238	0.271103499	1
Obesity	pericyte	<i>Sep-02</i>	0.003280931	0.037696106	0.578124582	1
Obesity	pericyte	<i>SERF1A</i>	0.027722396	0.040104101	0.587337415	1
Obesity	pericyte	<i>SERHL2</i>	0.009395163	0.049419254	0.624034673	1
Obesity	pericyte	<i>SERPINF2</i>	0.026039087	0.007616543	0.271103499	1
Obesity	pericyte	<i>SERPINH1</i>	-0.002938071	0.048229401	0.618861668	1
Obesity	pericyte	<i>SGSH</i>	-0.020487282	6.78E-06	0.002658874	0.040528966
Obesity	pericyte	<i>SH2B1</i>	0.003835865	0.039530446	0.587337415	1
Obesity	pericyte	<i>SH3PXD2B</i>	0.002173388	0.026756907	0.50850765	1
Obesity	pericyte	<i>SHB</i>	0.035266062	0.009278394	0.299717203	1
Obesity	pericyte	<i>SIGLEC11</i>	-0.019013779	0.044914698	0.607596641	1
Obesity	pericyte	<i>SIGLEC7</i>	-0.01796284	0.001496305	0.107733988	1
Obesity	pericyte	<i>SLC22A5</i>	-0.008873847	0.013162892	0.359184663	1
Obesity	pericyte	<i>SLC25A3</i>	-0.005873165	0.025265038	0.490207369	1
Obesity	pericyte	<i>SLC25A30</i>	0.006773255	0.046247368	0.612803263	1
Obesity	pericyte	<i>SLC25A32</i>	0.005992893	0.007198301	0.262911259	1
Obesity	pericyte	<i>SLC25A38</i>	0.010852882	0.006716467	0.259311121	1
Obesity	pericyte	<i>SLC26A4</i>	-0.008652778	0.042458425	0.598020961	1

Obesity	pericyte	<i>SLC27A6</i>	-0.016225528	0.016908183	0.409082202	1
Obesity	pericyte	<i>SLC29A3</i>	0.011570278	0.031251829	0.537882541	1
Obesity	pericyte	<i>SLC35C2</i>	0.007239223	5.96E-06	0.002655095	0.03562715
Obesity	pericyte	<i>SLC37A1</i>	0.00629462	0.015647049	0.390431265	1
Obesity	pericyte	<i>SLC37A3</i>	-0.00390255	0.002383727	0.137154676	1
Obesity	pericyte	<i>SLC5A11</i>	-0.010868354	0.0179042	0.422410172	1
Obesity	pericyte	<i>SMTNL1</i>	0.017475394	0.015634873	0.390431265	1
Obesity	pericyte	<i>SMUG1</i>	0.006322805	0.040088029	0.587337415	1
Obesity	pericyte	<i>SNX16</i>	0.005963359	0.027357901	0.510439378	1
Obesity	pericyte	<i>SNX27</i>	-0.003454053	0.020653457	0.448818397	1
Obesity	pericyte	<i>SPATA7</i>	0.008572124	0.000109782	0.017264702	0.656058686
Obesity	pericyte	<i>SPRN</i>	-0.010402656	0.041222487	0.593603815	1
Obesity	pericyte	<i>SPRTN</i>	-0.008727374	0.000157218	0.022405037	0.939532005
Obesity	pericyte	<i>SPTSSB</i>	0.020912823	0.046838212	0.614000979	1
Obesity	pericyte	<i>SPTY2D1</i>	0.005453914	0.046841777	0.614000979	1
Obesity	pericyte	<i>SRGAP1</i>	0.002181485	0.043429746	0.602788726	1
Obesity	pericyte	<i>SRI</i>	0.006633041	0.021643626	0.45543066	1
Obesity	pericyte	<i>ST3GAL6</i>	0.003836004	0.0231781	0.466784736	1
Obesity	pericyte	<i>ST7L</i>	-0.0046157	0.000401811	0.04708274	1
Obesity	pericyte	<i>STARD10</i>	0.019472669	0.021218277	0.453351922	1
Obesity	pericyte	<i>STEAP3</i>	-0.013372341	0.038791486	0.587337415	1
Obesity	pericyte	<i>STOML1</i>	-0.022878126	0.003130906	0.155919123	1
Obesity	pericyte	<i>STON1</i>	0.009425274	0.048257955	0.618861668	1
Obesity	pericyte	<i>STON1-GTF2A1L</i>	0.015805543	0.001871703	0.125677474	1
Obesity	pericyte	<i>SUPT5H</i>	-0.00385242	0.03203991	0.537882541	1
Obesity	pericyte	<i>SYNGR2</i>	0.004803118	0.041945259	0.598020961	1
Obesity	pericyte	<i>TAF13</i>	-0.017992087	0.002342582	0.137154676	1
Obesity	pericyte	<i>TAF1C</i>	0.009905459	0.005172835	0.215867927	1
Obesity	pericyte	<i>TAF6</i>	0.018358522	0.000611449	0.065229911	1
Obesity	pericyte	<i>TAPBPL</i>	-0.007911494	0.005320928	0.219295646	1
Obesity	pericyte	<i>TBP</i>	0.010536838	0.019065643	0.436526865	1
Obesity	pericyte	<i>TBX6</i>	0.038618554	0.002813851	0.147505023	1
Obesity	pericyte	<i>TEKT5</i>	-0.037749612	0.037065056	0.578124582	1
Obesity	pericyte	<i>THOC3</i>	-0.008944208	0.019650633	0.438543539	1
Obesity	pericyte	<i>TICAM2</i>	0.108347339	5.78E-09	2.02E-05	3.45E-05
Obesity	pericyte	<i>TIGD7</i>	-0.008437484	0.016721117	0.407022496	1
Obesity	pericyte	<i>TIMM22</i>	0.014535275	0.001016178	0.086542808	1
Obesity	pericyte	<i>TIMM44</i>	0.008807798	2.54E-05	0.007510694	0.151970349
Obesity	pericyte	<i>TIPIN</i>	0.013460029	0.000233502	0.030334963	1
Obesity	pericyte	<i>TMC1</i>	0.015507164	0.000411718	0.047176964	1
Obesity	pericyte	<i>TMEM206</i>	0.014569349	2.75E-08	5.48E-05	0.0001643
Obesity	pericyte	<i>TMEM216</i>	0.019994281	0.006769166	0.259311121	1
Obesity	pericyte	<i>TMEM260</i>	-0.002368886	0.019138263	0.436526865	1
Obesity	pericyte	<i>TOM1L1</i>	0.004005402	0.023354566	0.468345251	1
Obesity	pericyte	<i>TOMM34</i>	0.006910191	0.044098752	0.607221528	1
Obesity	pericyte	<i>TOR1B</i>	0.040189168	6.76E-09	2.02E-05	4.04E-05
Obesity	pericyte	<i>TOR3A</i>	-0.006937799	0.020914389	0.451770319	1
Obesity	pericyte	<i>TRABD</i>	0.006088001	0.006728745	0.259311121	1
Obesity	pericyte	<i>TRAF3IP2</i>	0.00736622	0.020639856	0.448818397	1
Obesity	pericyte	<i>TRAK1</i>	0.002061606	0.035230602	0.562936041	1
Obesity	pericyte	<i>TRAPPC4</i>	0.011362643	2.64E-05	0.007510694	0.157724576
Obesity	pericyte	<i>TRIM29</i>	0.041073189	0.00093298	0.085830248	1

Obesity	pericyte	<i>TRIM63</i>	0.007921479	0.036648306	0.578124582	1
Obesity	pericyte	<i>TRIML2</i>	-0.058171003	0.009506265	0.301090113	1
Obesity	pericyte	<i>TSFM</i>	0.009720869	0.016165491	0.400850514	1
Obesity	pericyte	<i>TSPYL1</i>	-0.01547555	0.000969057	0.086542808	1
Obesity	pericyte	<i>TTC19</i>	-0.002264986	0.034569488	0.556839302	1
Obesity	pericyte	<i>TTC32</i>	0.012507316	0.010624308	0.315874948	1
Obesity	pericyte	<i>TUBG2</i>	0.01164494	0.002423431	0.137927866	1
Obesity	pericyte	<i>TXN2</i>	-0.008470842	0.008117369	0.278789622	1
Obesity	pericyte	<i>UBE3B</i>	0.006975375	5.52E-05	0.01168791	0.32963306
Obesity	pericyte	<i>UBOX5</i>	0.006105538	0.014931205	0.379985008	1
Obesity	pericyte	<i>UNC45B</i>	-0.141258278	0.000128227	0.019648254	0.766281909
Obesity	pericyte	<i>UQCC2</i>	0.008417282	0.040014112	0.587337415	1
Obesity	pericyte	<i>USB1</i>	-0.01307808	0.027410245	0.510439378	1
Obesity	pericyte	<i>USP42</i>	0.009184227	0.004450794	0.198492136	1
Obesity	pericyte	<i>VAMP1</i>	0.014221508	0.006112787	0.243280729	1
Obesity	pericyte	<i>VAMP8</i>	-0.008133126	0.040374519	0.587337415	1
Obesity	pericyte	<i>VMP1</i>	-0.000780175	0.032982183	0.542206502	1
Obesity	pericyte	<i>WDR18</i>	-0.013007013	0.031362666	0.537882541	1
Obesity	pericyte	<i>WIP1</i>	0.007635329	0.004730071	0.201906457	1
Obesity	pericyte	<i>WNT16</i>	0.020307947	0.038105447	0.579945317	1
Obesity	pericyte	<i>WNT3</i>	-0.027603907	0.022497699	0.46360776	1
Obesity	pericyte	<i>WNT9A</i>	-0.007080339	0.042560386	0.598020961	1
Obesity	pericyte	<i>WRB</i>	-0.008253822	5.29E-05	0.01168791	0.316079159
Obesity	pericyte	<i>YTHDC2</i>	0.00178945	0.033020801	0.542206502	1
Obesity	pericyte	<i>ZC3H11A</i>	-0.029731833	0.00056332	0.061207232	1
Obesity	pericyte	<i>ZNF100</i>	0.006249608	3.03E-05	0.008224049	0.180929071
Obesity	pericyte	<i>ZNF200</i>	-0.01264743	0.02191855	0.459597386	1
Obesity	pericyte	<i>ZNF202</i>	-0.015971069	1.83E-06	0.001369499	0.010955991
Obesity	pericyte	<i>ZNF248</i>	-0.004542113	0.016514879	0.406143698	1
Obesity	pericyte	<i>ZNF25</i>	-0.005906691	0.044929189	0.607596641	1
Obesity	pericyte	<i>ZNF254</i>	0.003978769	0.030894199	0.537882541	1
Obesity	pericyte	<i>ZNF260</i>	-0.006893039	0.012102728	0.338278273	1
Obesity	pericyte	<i>ZNF273</i>	0.010570399	0.000990082	0.086542808	1
Obesity	pericyte	<i>ZNF354C</i>	-0.007070162	0.002505009	0.14122581	1
Obesity	pericyte	<i>ZNF436</i>	-0.023437132	3.93E-05	0.010199628	0.234591444
Obesity	pericyte	<i>ZNF500</i>	0.012115299	0.004535479	0.199294274	1
Obesity	pericyte	<i>ZNF503-AS1</i>	-0.036848009	6.46E-05	0.012726687	0.385798328
Obesity	pericyte	<i>ZNF566</i>	0.004656052	0.012170319	0.338278273	1
Obesity	pericyte	<i>ZNF575</i>	0.018083416	0.028527945	0.513897959	1
Obesity	pericyte	<i>ZNF598</i>	0.012947169	0.004641809	0.199564395	1
Obesity	pericyte	<i>ZNF619</i>	-0.009901658	0.04504105	0.607596641	1
Obesity	pericyte	<i>ZNF660</i>	-0.018593257	0.031654106	0.537882541	1
Obesity	pericyte	<i>ZNF740</i>	0.009979455	0.012363346	0.342052573	1
Obesity	pericyte	<i>ZNF774</i>	0.021152204	0.026803867	0.50850765	1
Obesity	pericyte	<i>ZNF792</i>	0.017197827	0.043575089	0.602788726	1
Obesity	pericyte	<i>ZNF880</i>	0.01456904	0.000196228	0.026257657	1
Obesity	pericyte	<i>ZNF90</i>	0.006520172	0.03230826	0.538217646	1
Obesity	pericyte	<i>ZNHIT6</i>	0.004086837	0.028013188	0.513897959	1
Obesity	pericyte	<i>ZSCAN21</i>	0.007242345	0.032569234	0.540649282	1
Obesity	pericyte	<i>ALG1L</i>	-0.005273777	0.002660022	0.144511721	1
Obesity	pericyte	<i>LEFTY1</i>	0.121447658	0.025805608	0.495231523	1
Obesity	pericyte	<i>RASD2</i>	0.032630983	0.031862644	0.537882541	1

Obesity	pericyte	<i>NPTX2</i>	0.087556707	0.001652073	0.116150469	1
Obesity	pericyte	<i>OPN4</i>	0.014262356	0.036809894	0.578124582	1
Obesity	pericyte	<i>PRG2</i>	0.006389346	0.010394	0.312133376	1
Obesity	pericyte	<i>TBX4</i>	0.084702702	0.040492472	0.587337415	1
Obesity	pericyte	<i>AC010536.1</i>	0.096441764	0.014697965	0.378599305	1
Obesity	pericyte	<i>ADAD2</i>	0.006951406	0.004962496	0.208844179	1
Obesity	pericyte	<i>FOXI2</i>	0.053210085	0.002614413	0.143337002	1
Obesity	pericyte	<i>GJB6</i>	0.058874775	0.042602729	0.598020961	1
Obesity	pericyte	<i>RASA4B</i>	-0.008361549	0.017949669	0.422410172	1
Obesity	pericyte	<i>KRT4</i>	0.093027705	0.033116696	0.542206502	1
Obesity	pericyte	<i>LILRA4</i>	0.061356615	0.01984577	0.438543539	1
CAD	adipocyte	<i>ADH4</i>	0.01176056	0.044817366	0.973217523	1
CAD	adipocyte	<i>ADIPOQ</i>	0.001957319	0.015628976	0.973217523	1
CAD	adipocyte	<i>ADSS</i>	-0.004345248	0.019179535	0.973217523	1
CAD	adipocyte	<i>AKRIC2</i>	0.005166556	0.043153416	0.973217523	1
CAD	adipocyte	<i>AKRIC3</i>	0.004700904	0.045233499	0.973217523	1
CAD	adipocyte	<i>ANKLE2</i>	0.003303336	0.043400927	0.973217523	1
CAD	adipocyte	<i>ASB4</i>	0.032057546	0.026885911	0.973217523	1
CAD	adipocyte	<i>ASCC1</i>	0.005154273	0.032757796	0.973217523	1
CAD	adipocyte	<i>ATN1</i>	0.0051525	0.04817221	0.973217523	1
CAD	adipocyte	<i>AVPR1A</i>	-0.003572305	0.035837365	0.973217523	1
CAD	adipocyte	<i>C1orf21</i>	0.000995686	0.043396483	0.973217523	1
CAD	adipocyte	<i>C5orf34</i>	0.00711668	0.029513064	0.973217523	1
CAD	adipocyte	<i>C6orf141</i>	0.003052839	0.04919758	0.973217523	1
CAD	adipocyte	<i>C9orf152</i>	0.013572127	0.039538962	0.973217523	1
CAD	adipocyte	<i>CCDC30</i>	0.005052164	0.032701339	0.973217523	1
CAD	adipocyte	<i>CCDC69</i>	0.003829354	0.023110804	0.973217523	1
CAD	adipocyte	<i>CDC16</i>	0.002644436	0.034249407	0.973217523	1
CAD	adipocyte	<i>CELSR1</i>	0.003827429	0.026807035	0.973217523	1
CAD	adipocyte	<i>CNGA1</i>	-0.004284344	0.040008739	0.973217523	1
CAD	adipocyte	<i>COL25A1</i>	-0.000708933	0.018891335	0.973217523	1
CAD	adipocyte	<i>CPNE7</i>	0.043856814	0.035204792	0.973217523	1
CAD	adipocyte	<i>CPTIC</i>	0.015504547	0.029411609	0.973217523	1
CAD	adipocyte	<i>CYP2U1</i>	0.007585836	0.047034425	0.973217523	1
CAD	adipocyte	<i>DCT</i>	0.014213726	0.014665831	0.973217523	1
CAD	adipocyte	<i>DMKN</i>	-0.012826478	0.022074597	0.973217523	1
CAD	adipocyte	<i>DPY19L2</i>	-0.001706236	0.038984167	0.973217523	1
CAD	adipocyte	<i>DSP</i>	0.008037602	0.036695777	0.973217523	1
CAD	adipocyte	<i>EFCC1</i>	0.008830117	0.02280947	0.973217523	1
CAD	adipocyte	<i>EFEMP1</i>	0.001579557	0.047693149	0.973217523	1
CAD	adipocyte	<i>ENOSF1</i>	0.002565908	0.011889494	0.973217523	1
CAD	adipocyte	<i>EPCAM</i>	0.024818699	0.017870221	0.973217523	1
CAD	adipocyte	<i>ERCC6</i>	0.00393478	0.007893236	0.973217523	1
CAD	adipocyte	<i>EXO5</i>	0.015492581	0.03336128	0.973217523	1
CAD	adipocyte	<i>FAM149B1</i>	-0.002838013	0.026583955	0.973217523	1
CAD	adipocyte	<i>FAM162B</i>	-0.003324167	0.040010767	0.973217523	1
CAD	adipocyte	<i>FAM89A</i>	0.006329719	0.044487011	0.973217523	1
CAD	adipocyte	<i>FGFR3</i>	0.026595762	0.041100639	0.973217523	1
CAD	adipocyte	<i>FKBP7</i>	0.007264799	0.042662276	0.973217523	1
CAD	adipocyte	<i>FOXP2</i>	0.001804383	0.011382768	0.973217523	1
CAD	adipocyte	<i>FRMD3</i>	-0.001716345	0.036082016	0.973217523	1
CAD	adipocyte	<i>G3BP2</i>	0.002772367	0.043089053	0.973217523	1

CAD	adipocyte	<i>GALNT14</i>	-0.005083122	0.042962329	0.973217523	1
CAD	adipocyte	<i>GDPD5</i>	0.007016863	0.021381742	0.973217523	1
CAD	adipocyte	<i>GLYAT</i>	0.003379051	0.039650085	0.973217523	1
CAD	adipocyte	<i>GMPS</i>	0.002927839	0.030071615	0.973217523	1
CAD	adipocyte	<i>HCG9</i>	0.022528215	0.039401778	0.973217523	1
CAD	adipocyte	<i>HSF2</i>	0.004602763	0.047916354	0.973217523	1
CAD	adipocyte	<i>KIAA1211L</i>	0.010784992	0.015733088	0.973217523	1
CAD	adipocyte	<i>KPNA4</i>	-0.002049459	0.020189253	0.973217523	1
CAD	adipocyte	<i>LENG9</i>	0.010182562	0.033291642	0.973217523	1
CAD	adipocyte	<i>LINC00910</i>	0.0159479	0.038584236	0.973217523	1
CAD	adipocyte	<i>LINC00989</i>	-0.001895736	0.042009462	0.973217523	1
CAD	adipocyte	<i>LRRC1</i>	0.004254519	0.044611786	0.973217523	1
CAD	adipocyte	<i>LTF</i>	0.018239001	0.015962338	0.973217523	1
CAD	adipocyte	<i>MDFIC</i>	0.001381802	0.040292475	0.973217523	1
CAD	adipocyte	<i>MFSD12</i>	0.004100108	0.036416756	0.973217523	1
CAD	adipocyte	<i>MIR22HG</i>	0.004246099	0.039453199	0.973217523	1
CAD	adipocyte	<i>MLXIPL</i>	0.002097065	0.029449153	0.973217523	1
CAD	adipocyte	<i>MRPL18</i>	0.006156347	0.024380125	0.973217523	1
CAD	adipocyte	<i>NBPF3</i>	0.006342784	0.045263943	0.973217523	1
CAD	adipocyte	<i>NCAM2</i>	0.005177017	0.040068885	0.973217523	1
CAD	adipocyte	<i>NDUFAF4</i>	0.004315372	0.031633228	0.973217523	1
CAD	adipocyte	<i>NFAT5</i>	0.001370568	0.048684316	0.973217523	1
CAD	adipocyte	<i>NIPSNAP3B</i>	0.008141532	0.014662605	0.973217523	1
CAD	adipocyte	<i>NITI</i>	0.004998646	0.04039777	0.973217523	1
CAD	adipocyte	<i>NT5E</i>	0.004230097	0.035027757	0.973217523	1
CAD	adipocyte	<i>ODF2</i>	0.003239265	0.032824683	0.973217523	1
CAD	adipocyte	<i>PLA2G16</i>	0.002586237	0.036528579	0.973217523	1
CAD	adipocyte	<i>POLE</i>	0.005869178	0.008114332	0.973217523	1
CAD	adipocyte	<i>POLM</i>	0.007513638	0.030399624	0.973217523	1
CAD	adipocyte	<i>PPIL2</i>	0.003300129	0.020617466	0.973217523	1
CAD	adipocyte	<i>PPP1R9A</i>	0.002111488	0.015978736	0.973217523	1
CAD	adipocyte	<i>PYGB</i>	0.005741859	0.032647591	0.973217523	1
CAD	adipocyte	<i>RASGEF1A</i>	0.01526053	0.007262654	0.973217523	1
CAD	adipocyte	<i>RBCK1</i>	0.00714919	0.005938058	0.973217523	1
CAD	adipocyte	<i>RETSAT</i>	0.003741433	0.001381653	0.973217523	1
CAD	adipocyte	<i>RRM1</i>	0.005105704	0.043922179	0.973217523	1
CAD	adipocyte	<i>SCAMP1</i>	0.002246495	0.037232897	0.973217523	1
CAD	adipocyte	<i>SH2B1</i>	0.004098106	0.011977467	0.973217523	1
CAD	adipocyte	<i>SNTB2</i>	0.002298262	0.041183657	0.973217523	1
CAD	adipocyte	<i>SNTG2</i>	0.001205547	0.031399024	0.973217523	1
CAD	adipocyte	<i>SNX16</i>	0.004787114	0.042386963	0.973217523	1
CAD	adipocyte	<i>STEAP4</i>	-0.001595316	0.005403237	0.973217523	1
CAD	adipocyte	<i>SUCLA2</i>	0.004890626	0.047706481	0.973217523	1
CAD	adipocyte	<i>SUCO</i>	0.002254555	0.045406098	0.973217523	1
CAD	adipocyte	<i>TADA2A</i>	0.002706458	0.039523722	0.973217523	1
CAD	adipocyte	<i>TAS2R4</i>	0.014283172	0.04859947	0.973217523	1
CAD	adipocyte	<i>TBX1</i>	0.002520881	0.048567409	0.973217523	1
CAD	adipocyte	<i>TIGD7</i>	0.006194676	0.042778853	0.973217523	1
CAD	adipocyte	<i>TLR5</i>	-0.005339222	0.016880371	0.973217523	1
CAD	adipocyte	<i>TPBG</i>	0.004675324	0.036943133	0.973217523	1
CAD	adipocyte	<i>TPSG1</i>	0.004063384	0.040674086	0.973217523	1
CAD	adipocyte	<i>TRUB1</i>	0.008385703	0.004426747	0.973217523	1

CAD	adipocyte	<i>TTL12</i>	0.007712039	0.042260104	0.973217523	1
CAD	adipocyte	<i>UGP2</i>	0.001949752	0.026695031	0.973217523	1
CAD	adipocyte	<i>ULK4</i>	0.002568837	0.017732142	0.973217523	1
CAD	adipocyte	<i>USP6</i>	0.018677408	0.03247582	0.973217523	1
CAD	adipocyte	<i>VEZT</i>	0.002783553	0.028240944	0.973217523	1
CAD	adipocyte	<i>VSIG10</i>	0.005132571	0.031126052	0.973217523	1
CAD	adipocyte	<i>WDYHV1</i>	0.009043947	0.00844211	0.973217523	1
CAD	adipocyte	<i>WEE2</i>	0.020979356	0.045103267	0.973217523	1
CAD	adipocyte	<i>ZNF483</i>	0.006433636	0.03829967	0.973217523	1
CAD	adipocyte	<i>ZNF841</i>	0.007163559	0.0048903	0.973217523	1
CAD	adipocyte	<i>ZNF90</i>	0.005381396	0.043270303	0.973217523	1
CAD	adipocyte	<i>LINC01050</i>	0.021420679	0.019527873	0.973217523	1
CAD	ASPC	<i>AC062017.1</i>	0.008618146	0.033493694	0.979459844	1
CAD	ASPC	<i>AC107021.1</i>	0.003334249	0.047471021	0.979459844	1
CAD	ASPC	<i>ACOT2</i>	0.007413609	0.046328048	0.979459844	1
CAD	ASPC	<i>ADIPOQ</i>	0.001763724	0.029282402	0.979459844	1
CAD	ASPC	<i>AHCTF1</i>	0.0024866	0.047228789	0.979459844	1
CAD	ASPC	<i>AL132989.1</i>	-0.014313656	0.049568855	0.979459844	1
CAD	ASPC	<i>ANKRD45</i>	0.021229342	0.039036451	0.979459844	1
CAD	ASPC	<i>AQP11</i>	0.006663427	0.016542159	0.979459844	1
CAD	ASPC	<i>ASB4</i>	0.055372832	0.000132115	0.78952116	0.78952116
CAD	ASPC	<i>C10orf25</i>	0.040062627	0.01991844	0.979459844	1
CAD	ASPC	<i>C19orf24</i>	0.008091044	0.046086556	0.979459844	1
CAD	ASPC	<i>C1orf21</i>	0.001098105	0.025901454	0.979459844	1
CAD	ASPC	<i>CARD10</i>	0.010431508	0.017268929	0.979459844	1
CAD	ASPC	<i>CASC15</i>	-0.002119182	0.040807454	0.979459844	1
CAD	ASPC	<i>CBX3</i>	0.003485336	0.01096815	0.979459844	1
CAD	ASPC	<i>CEP89</i>	0.004209405	0.024419067	0.979459844	1
CAD	ASPC	<i>CFI</i>	0.00442233	0.048499465	0.979459844	1
CAD	ASPC	<i>CHRNE</i>	0.033905033	0.038140894	0.979459844	1
CAD	ASPC	<i>CIDEA</i>	0.003834926	0.040966404	0.979459844	1
CAD	ASPC	<i>CNDP1</i>	-0.022813314	0.035940298	0.979459844	1
CAD	ASPC	<i>CPT1C</i>	0.014492541	0.043025576	0.979459844	1
CAD	ASPC	<i>CWF19L1</i>	0.00298805	0.043734959	0.979459844	1
CAD	ASPC	<i>DCBLD1</i>	-0.001857192	0.019711321	0.979459844	1
CAD	ASPC	<i>DEFB1</i>	0.016953333	0.03240535	0.979459844	1
CAD	ASPC	<i>DIRC3</i>	0.001472133	0.026844386	0.979459844	1
CAD	ASPC	<i>DKK3</i>	0.008371555	0.019464287	0.979459844	1
CAD	ASPC	<i>ENOSF1</i>	0.002309052	0.023355217	0.979459844	1
CAD	ASPC	<i>ENSA</i>	0.002533834	0.036205071	0.979459844	1
CAD	ASPC	<i>FAM47E</i>	0.014425721	0.02873539	0.979459844	1
CAD	ASPC	<i>FAM47E-STBD1</i>	0.016746233	0.046916524	0.979459844	1
CAD	ASPC	<i>FAM71F2</i>	0.00961222	0.021342905	0.979459844	1
CAD	ASPC	<i>FBXO36</i>	0.008605262	0.019311175	0.979459844	1
CAD	ASPC	<i>FGGY</i>	0.004650961	0.023902021	0.979459844	1
CAD	ASPC	<i>FN3KRP</i>	0.008023348	0.016658818	0.979459844	1
CAD	ASPC	<i>FOXP2</i>	0.00158604	0.026088086	0.979459844	1
CAD	ASPC	<i>GDPD5</i>	0.0061456	0.043688096	0.979459844	1
CAD	ASPC	<i>GLS</i>	0.00111804	0.035959976	0.979459844	1
CAD	ASPC	<i>GRID1</i>	-0.002512529	0.041180221	0.979459844	1
CAD	ASPC	<i>HIST3H2A</i>	0.021556098	0.045344946	0.979459844	1
CAD	ASPC	<i>HRC</i>	-0.011487704	0.038899281	0.979459844	1

CAD	ASPC	<i>HSD17B1</i>	0.011211479	0.038854533	0.979459844	1
CAD	ASPC	<i>HSD3B7</i>	0.009425574	0.048127262	0.979459844	1
CAD	ASPC	<i>ING5</i>	0.002266347	0.039241751	0.979459844	1
CAD	ASPC	<i>ISLR2</i>	0.018752686	0.029101564	0.979459844	1
CAD	ASPC	<i>ITGAV</i>	0.002415917	0.023866887	0.979459844	1
CAD	ASPC	<i>KANK4</i>	0.009268078	0.010069311	0.979459844	1
CAD	ASPC	<i>KAT8</i>	0.006291829	0.026119623	0.979459844	1
CAD	ASPC	<i>KLHL31</i>	0.004024405	0.045907078	0.979459844	1
CAD	ASPC	<i>KLRK1</i>	0.025923575	0.013888635	0.979459844	1
CAD	ASPC	<i>LCAT</i>	-0.00708437	0.03807858	0.979459844	1
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CAD	ASPC	<i>LINC01139</i>	0.044896163	0.045035909	0.979459844	1
CAD	ASPC	<i>LPIN1</i>	0.003582941	0.018869042	0.979459844	1
CAD	ASPC	<i>LRRC15</i>	0.014171448	0.013501878	0.979459844	1
CAD	ASPC	<i>MAG</i>	0.05879645	0.043790908	0.979459844	1
CAD	ASPC	<i>MAP1LC3A</i>	0.004604313	0.032114107	0.979459844	1
CAD	ASPC	<i>MDFIC</i>	0.001388295	0.039347415	0.979459844	1
CAD	ASPC	<i>MEDAG</i>	0.002920869	0.034847475	0.979459844	1
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CAD	ASPC	<i>NALCN</i>	0.004764132	0.011844145	0.979459844	1
CAD	ASPC	<i>NARS</i>	0.00260348	0.036469214	0.979459844	1
CAD	ASPC	<i>NBN</i>	0.003382763	0.024038271	0.979459844	1
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CAD	ASPC	<i>PLA2G16</i>	0.003172312	0.010252284	0.979459844	1
CAD	ASPC	<i>PLA2G4B</i>	0.037483055	0.023141949	0.979459844	1
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CAD	ASPC	<i>PMS1</i>	0.002076819	0.023962462	0.979459844	1
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CAD	ASPC	<i>PRDM15</i>	0.010502429	0.013053728	0.979459844	1
CAD	ASPC	<i>PRDM5</i>	0.004015586	0.036350056	0.979459844	1
CAD	ASPC	<i>PUS3</i>	0.014321458	0.016579953	0.979459844	1
CAD	ASPC	<i>RAB2A</i>	0.00238223	0.043587833	0.979459844	1
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CAD	ASPC	<i>ROBO3</i>	0.005273846	0.00332886	0.979459844	1
CAD	ASPC	<i>SBDS</i>	0.009444879	0.006636011	0.979459844	1
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CAD	ASPC	<i>SLC25A23</i>	0.011205082	0.044615286	0.979459844	1
CAD	ASPC	<i>SLC5A4</i>	0.009088333	0.047671594	0.979459844	1
CAD	ASPC	<i>SNRPF</i>	0.008971308	0.026577949	0.979459844	1
CAD	ASPC	<i>SPATA9</i>	0.00473316	0.010078578	0.979459844	1
CAD	ASPC	<i>SRGAP3</i>	0.003668382	0.028826253	0.979459844	1
CAD	ASPC	<i>ST7L</i>	0.002620102	0.021551516	0.979459844	1
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CAD	ASPC	<i>STRIP2</i>	0.021268632	0.037600973	0.979459844	1
CAD	ASPC	<i>SYT7</i>	0.020451086	0.011688216	0.979459844	1
CAD	ASPC	<i>TBX1</i>	0.002886259	0.023858813	0.979459844	1
CAD	ASPC	<i>THAP3</i>	0.004757622	0.044350136	0.979459844	1
CAD	ASPC	<i>THSD7B</i>	-0.001197995	0.04559504	0.979459844	1
CAD	ASPC	<i>TMC7</i>	0.006393003	0.022499015	0.979459844	1
CAD	ASPC	<i>TMEM206</i>	0.004775366	0.035587913	0.979459844	1
CAD	ASPC	<i>TOX2</i>	0.004920213	0.037595053	0.979459844	1
CAD	ASPC	<i>TRIM58</i>	0.021489125	0.0243733	0.979459844	1
CAD	ASPC	<i>VPS13A</i>	0.001901868	0.04263969	0.979459844	1
CAD	ASPC	<i>VPS36</i>	0.002109163	0.042447527	0.979459844	1
CAD	ASPC	<i>WDR18</i>	0.011094358	0.035276497	0.979459844	1
CAD	ASPC	<i>WNT5A</i>	0.012026676	0.03354028	0.979459844	1
CAD	ASPC	<i>ZFAND4</i>	0.004972619	0.048730919	0.979459844	1
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CAD	ASPC	<i>ZSCAN30</i>	0.003341463	0.019126993	0.979459844	1
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CAD	b_cell	<i>AADAT</i>	0.008037342	0.037986665	0.719071035	1
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CAD	b_cell	<i>ADAM32</i>	0.007191577	0.040217153	0.719071035	1
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CAD	b_cell	<i>AGRN</i>	0.015251998	0.018870158	0.719071035	1
CAD	b_cell	<i>AKRIC3</i>	0.004685048	0.045279948	0.719071035	1
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CAD	b_cell	<i>ARHGEF33</i>	0.016011052	0.021867568	0.719071035	1
CAD	b_cell	<i>ASB14</i>	0.008705848	0.009267573	0.719071035	1
CAD	b_cell	<i>ATP6V1E2</i>	0.005771231	0.018068323	0.719071035	1
CAD	b_cell	<i>AURKC</i>	0.028717732	0.013145106	0.719071035	1
CAD	b_cell	<i>AVPR1A</i>	-0.00335952	0.048059052	0.719071035	1
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CAD	b_cell	<i>BBS4</i>	0.003722541	0.027498804	0.719071035	1

CAD	b_cell	<i>BCO2</i>	0.008912975	0.03735667	0.719071035	1
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CAD	b_cell	<i>BTBD6</i>	0.009502627	0.032190791	0.719071035	1
CAD	b_cell	<i>C12orf73</i>	0.008441656	0.005066471	0.719071035	1
CAD	b_cell	<i>C16orf86</i>	0.011838516	0.026524124	0.719071035	1
CAD	b_cell	<i>C1orf123</i>	0.006546861	0.021937028	0.719071035	1
CAD	b_cell	<i>C2orf73</i>	0.012136743	0.014082321	0.719071035	1
CAD	b_cell	<i>C2orf88</i>	0.005434172	0.002465996	0.719071035	1
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CAD	b_cell	<i>C6orf141</i>	0.003133842	0.044095376	0.719071035	1
CAD	b_cell	<i>C8orf33</i>	0.00484417	0.027174835	0.719071035	1
CAD	b_cell	<i>CARD10</i>	0.009809344	0.025195573	0.719071035	1
CAD	b_cell	<i>CARHSP1</i>	0.00293895	0.048032897	0.719071035	1
CAD	b_cell	<i>CATSPERB</i>	0.002899793	0.010854758	0.719071035	1
CAD	b_cell	<i>CBLN3</i>	0.019516338	0.004667843	0.719071035	1
CAD	b_cell	<i>CBS</i>	0.006349243	0.037473128	0.719071035	1
CAD	b_cell	<i>CCDC154</i>	0.008329177	0.040685311	0.719071035	1
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CAD	b_cell	<i>CD3EAP</i>	0.00839045	0.029024041	0.719071035	1
CAD	b_cell	<i>CDO1</i>	0.00748315	0.025898548	0.719071035	1
CAD	b_cell	<i>CENPW</i>	0.013628205	0.042113099	0.719071035	1
CAD	b_cell	<i>CEP89</i>	0.004022507	0.031562015	0.719071035	1
CAD	b_cell	<i>CFI</i>	0.004888144	0.028898184	0.719071035	1
CAD	b_cell	<i>CLCC1</i>	0.008750309	0.018470595	0.719071035	1
CAD	b_cell	<i>CLMN</i>	-0.001122086	0.049929795	0.719071035	1
CAD	b_cell	<i>COG6</i>	0.002688162	0.049694522	0.719071035	1
CAD	b_cell	<i>COL25A1</i>	-0.000697613	0.02091452	0.719071035	1
CAD	b_cell	<i>COX15</i>	0.006862945	0.031583221	0.719071035	1
CAD	b_cell	<i>COX6C</i>	0.003252	0.03377601	0.719071035	1
CAD	b_cell	<i>CPSF1</i>	0.007062147	0.042851632	0.719071035	1
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CAD	b_cell	<i>CYP2E1</i>	0.01591235	0.017892384	0.719071035	1
CAD	b_cell	<i>CYP8B1</i>	0.00713052	0.019505183	0.719071035	1
CAD	b_cell	<i>DBNDD2</i>	0.023324915	0.037329995	0.719071035	1
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CAD	b_cell	<i>DCXR</i>	0.005543163	0.039410077	0.719071035	1
CAD	b_cell	<i>DDX59</i>	0.004781936	0.031854818	0.719071035	1
CAD	b_cell	<i>DENND6B</i>	0.009091742	0.028071793	0.719071035	1
CAD	b_cell	<i>DIEXF</i>	0.008872513	0.034454077	0.719071035	1
CAD	b_cell	<i>DKK3</i>	0.008556446	0.016917025	0.719071035	1
CAD	b_cell	<i>DMGDH</i>	0.005019407	0.016987072	0.719071035	1
CAD	b_cell	<i>DNAH6</i>	0.008187947	0.001395508	0.719071035	1
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CAD	b_cell	<i>EYA3</i>	0.00327391	0.038705028	0.719071035	1
CAD	b_cell	<i>F11R</i>	0.009618828	0.045054037	0.719071035	1
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CAD	b_cell	<i>FAM135B</i>	0.018690081	0.037624628	0.719071035	1
CAD	b_cell	<i>FAM171B</i>	0.016019212	0.007149749	0.719071035	1
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CAD	b_cell	<i>FAM47E</i>	0.01603215	0.01520178	0.719071035	1
CAD	b_cell	<i>FAM83F</i>	0.012513395	0.038585898	0.719071035	1
CAD	b_cell	<i>FANCG</i>	0.018159479	0.014301138	0.719071035	1
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CAD	b_cell	<i>GALNT1</i>	0.002954576	0.035733068	0.719071035	1
CAD	b_cell	<i>GALNT8</i>	0.01440269	0.040965423	0.719071035	1
CAD	b_cell	<i>GATC</i>	0.009884893	0.018847601	0.719071035	1
CAD	b_cell	<i>GOLGA1</i>	0.002953189	0.034831975	0.719071035	1
CAD	b_cell	<i>GPATCH1</i>	0.007130798	0.025767466	0.719071035	1
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CAD	b_cell	<i>GRID1</i>	-0.002483255	0.043402905	0.719071035	1
CAD	b_cell	<i>HCG9</i>	0.021959412	0.044710157	0.719071035	1
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CAD	b_cell	<i>HOXC5</i>	0.026728246	0.048071341	0.719071035	1
CAD	b_cell	<i>HS3ST1</i>	0.004740741	0.034524221	0.719071035	1
CAD	b_cell	<i>HSD17B1</i>	0.010912888	0.043528613	0.719071035	1
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CAD	b_cell	<i>HSD17B8</i>	0.016645207	0.018077788	0.719071035	1
CAD	b_cell	<i>IFI27L1</i>	0.007720339	0.041736992	0.719071035	1
CAD	b_cell	<i>ITGA6</i>	0.001443124	0.023158354	0.719071035	1
CAD	b_cell	<i>ITIH2</i>	0.020528072	0.00726911	0.719071035	1
CAD	b_cell	<i>ITPKC</i>	0.005546549	0.030699832	0.719071035	1
CAD	b_cell	<i>KCNA1</i>	0.017131134	0.048843319	0.719071035	1
CAD	b_cell	<i>KCND3</i>	0.009427024	0.019056724	0.719071035	1
CAD	b_cell	<i>KCNIP2</i>	0.004289867	0.042417485	0.719071035	1
CAD	b_cell	<i>KCNN3</i>	0.004403954	0.013155196	0.719071035	1
CAD	b_cell	<i>KHNYN</i>	-0.004896371	0.042267117	0.719071035	1
CAD	b_cell	<i>KIAA0391</i>	0.020904771	0.041412765	0.719071035	1
CAD	b_cell	<i>KLHL14</i>	0.006023507	0.003048733	0.719071035	1
CAD	b_cell	<i>KLHL3</i>	0.002601783	0.031938109	0.719071035	1
CAD	b_cell	<i>KLHL31</i>	0.004290889	0.03344212	0.719071035	1
CAD	b_cell	<i>KNDC1</i>	0.018906981	0.041030509	0.719071035	1
CAD	b_cell	<i>LCAT</i>	-0.008492043	0.01306876	0.719071035	1
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CAD	b_cell	<i>LHCGR</i>	0.014475582	0.048272313	0.719071035	1
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CAD	b_cell	<i>LONP1</i>	0.005441499	0.028615749	0.719071035	1
CAD	b_cell	<i>LPAR5</i>	0.006623789	0.024337281	0.719071035	1
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CAD	b_cell	<i>LRRC15</i>	0.013458286	0.01928361	0.719071035	1
CAD	b_cell	<i>LYPD5</i>	0.016392035	0.027596799	0.719071035	1
CAD	b_cell	<i>MAP10</i>	0.015295464	0.035497404	0.719071035	1
CAD	b_cell	<i>MAP3K11</i>	0.007296286	0.017429629	0.719071035	1
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CAD	b_cell	<i>MASPI</i>	0.01447214	0.020854273	0.719071035	1
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CAD	b_cell	<i>NFIX</i>	0.003232972	0.0472497	0.719071035	1
CAD	b_cell	<i>NPHP4</i>	-0.007492908	0.028321867	0.719071035	1
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CAD	b_cell	<i>OSBP2</i>	0.00325028	0.034901496	0.719071035	1
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CAD	b_cell	<i>PCDHGA1</i>	0.048329941	0.00096078	0.719071035	1
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CAD	b_cell	<i>PCLO</i>	0.004863273	0.004516925	0.719071035	1
CAD	b_cell	<i>PCSK4</i>	0.010599323	0.037625147	0.719071035	1
CAD	b_cell	<i>PDCD6IP</i>	0.001854393	0.043684547	0.719071035	1
CAD	b_cell	<i>PDE1B</i>	-0.005952171	0.016131582	0.719071035	1
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CAD	b_cell	<i>PDLIM4</i>	0.01309847	0.029171699	0.719071035	1
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CAD	b_cell	<i>PHYHD1</i>	0.005549713	0.047991488	0.719071035	1
CAD	b_cell	<i>PIK3CB</i>	0.001959495	0.033151583	0.719071035	1
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CAD	b_cell	<i>POLR3G</i>	0.006856975	0.034157908	0.719071035	1
CAD	b_cell	<i>PPFIBP1</i>	0.000798331	0.041914192	0.719071035	1
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CAD	b_cell	<i>PSEN2</i>	0.011829122	0.012959004	0.719071035	1
CAD	b_cell	<i>PSG4</i>	0.020784708	0.024013956	0.719071035	1

CAD	b_cell	<i>PSMG4</i>	0.004136612	0.032085528	0.719071035	1
CAD	b_cell	<i>QRICH2</i>	0.01069297	0.020898048	0.719071035	1
CAD	b_cell	<i>RAI14</i>	0.00252641	0.047058402	0.719071035	1
CAD	b_cell	<i>RBM44</i>	0.016063124	0.048840061	0.719071035	1
CAD	b_cell	<i>RDH10</i>	0.008187085	0.037409585	0.719071035	1
CAD	b_cell	<i>RET</i>	0.017274521	0.012800348	0.719071035	1
CAD	b_cell	<i>RETSAT</i>	0.002563363	0.028496053	0.719071035	1
CAD	b_cell	<i>RHOD</i>	0.014019431	0.041021764	0.719071035	1
CAD	b_cell	<i>RIFI</i>	0.002882013	0.039614689	0.719071035	1
CAD	b_cell	<i>RRP8</i>	0.008852881	0.048632931	0.719071035	1
CAD	b_cell	<i>RSG1</i>	0.027585707	0.004447503	0.719071035	1
CAD	b_cell	<i>RTEL1</i>	0.02942115	0.0202299	0.719071035	1
CAD	b_cell	<i>SCRN2</i>	0.007252183	0.011792335	0.719071035	1
CAD	b_cell	<i>SH3BGR12</i>	0.004377134	0.022374104	0.719071035	1
CAD	b_cell	<i>SHC2</i>	0.008436377	0.031055142	0.719071035	1
CAD	b_cell	<i>SLC1A5</i>	0.010044722	0.024794981	0.719071035	1
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CAD	b_cell	<i>SLC6A16</i>	0.004633669	0.029694638	0.719071035	1
CAD	b_cell	<i>SLCO3A1</i>	-0.000771593	0.043226934	0.719071035	1
CAD	b_cell	<i>SMAD5</i>	0.003532746	0.008836269	0.719071035	1
CAD	b_cell	<i>SMARCD2</i>	0.004559754	0.040338683	0.719071035	1
CAD	b_cell	<i>SNTB2</i>	0.002432924	0.030724436	0.719071035	1
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CAD	b_cell	<i>SPICE1</i>	0.003445579	0.040768323	0.719071035	1
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CAD	b_cell	<i>SRP68</i>	0.005126077	0.032571417	0.719071035	1
CAD	b_cell	<i>SRR</i>	0.007647271	0.048662527	0.719071035	1
CAD	b_cell	<i>SRSF10</i>	0.002235035	0.005693695	0.719071035	1
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CAD	b_cell	<i>STEAP4</i>	-0.001258086	0.02841745	0.719071035	1
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CAD	b_cell	<i>STOX1</i>	0.006417889	0.010433611	0.719071035	1
CAD	b_cell	<i>SYNGR2</i>	-0.006048365	0.003372114	0.719071035	1
CAD	b_cell	<i>SYTI</i>	0.00234303	0.045609766	0.719071035	1
CAD	b_cell	<i>TAF1C</i>	0.007034367	0.022924031	0.719071035	1
CAD	b_cell	<i>TBCE</i>	0.005418076	0.004981823	0.719071035	1
CAD	b_cell	<i>TDRD10</i>	0.003734805	0.044956769	0.719071035	1
CAD	b_cell	<i>THSD7B</i>	-0.001447074	0.015776887	0.719071035	1
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CAD	b_cell	<i>TMC1</i>	0.012318515	0.001283907	0.719071035	1
CAD	b_cell	<i>TMEM128</i>	0.007698563	0.025737006	0.719071035	1

CAD	b_cell	<i>TMEM199</i>	0.011334501	0.02454126	0.719071035	1
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CAD	b_cell	<i>TONSL</i>	0.011746314	0.032693352	0.719071035	1
CAD	b_cell	<i>TPRGIL</i>	0.020116041	0.010600034	0.719071035	1
CAD	b_cell	<i>TPSD1</i>	0.004931651	0.025654347	0.719071035	1
CAD	b_cell	<i>TPSG1</i>	0.004498738	0.023414449	0.719071035	1
CAD	b_cell	<i>TRIM73</i>	0.028856826	0.045875721	0.719071035	1
CAD	b_cell	<i>TSPYL4</i>	0.011457423	0.028112044	0.719071035	1
CAD	b_cell	<i>TSTA3</i>	0.014244637	0.034703072	0.719071035	1
CAD	b_cell	<i>TTPA</i>	0.009909677	0.046089065	0.719071035	1
CAD	b_cell	<i>TULP1</i>	0.016955228	0.031028135	0.719071035	1
CAD	b_cell	<i>TULP2</i>	0.006298127	0.043649447	0.719071035	1
CAD	b_cell	<i>TVP23B</i>	0.008544695	0.01421154	0.719071035	1
CAD	b_cell	<i>UGP2</i>	0.002171075	0.01361063	0.719071035	1
CAD	b_cell	<i>UPF3A</i>	0.002365402	0.024996385	0.719071035	1
CAD	b_cell	<i>UPK3B</i>	0.020374775	0.019411199	0.719071035	1
CAD	b_cell	<i>USP42</i>	0.005864961	0.037979461	0.719071035	1
CAD	b_cell	<i>VEZT</i>	0.002758814	0.029527394	0.719071035	1
CAD	b_cell	<i>VPS13A</i>	0.001845953	0.049235977	0.719071035	1
CAD	b_cell	<i>VPS29</i>	0.001981164	0.035983749	0.719071035	1
CAD	b_cell	<i>VPS36</i>	0.002448986	0.018488295	0.719071035	1
CAD	b_cell	<i>VPS52</i>	0.007406336	0.028688263	0.719071035	1
CAD	b_cell	<i>WDR34</i>	0.022169286	0.00746678	0.719071035	1
CAD	b_cell	<i>XRCC3</i>	0.006707317	0.02941312	0.719071035	1
CAD	b_cell	<i>ZBTB47</i>	0.010318101	0.042192246	0.719071035	1
CAD	b_cell	<i>ZFP90</i>	0.004132005	0.04456071	0.719071035	1
CAD	b_cell	<i>ZKSCAN1</i>	0.004089135	0.004818529	0.719071035	1
CAD	b_cell	<i>ZKSCAN2</i>	0.017257028	0.046964828	0.719071035	1
CAD	b_cell	<i>ZNF165</i>	0.027255736	0.023430448	0.719071035	1
CAD	b_cell	<i>ZNF251</i>	0.003767436	0.029722665	0.719071035	1
CAD	b_cell	<i>ZNF268</i>	0.00769433	0.041565883	0.719071035	1
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CAD	b_cell	<i>ZNF569</i>	0.007080206	0.018761007	0.719071035	1
CAD	b_cell	<i>ZNF580</i>	0.009550851	0.024464284	0.719071035	1
CAD	b_cell	<i>ZNF613</i>	0.011250881	0.022149161	0.719071035	1
CAD	b_cell	<i>ZNF682</i>	0.008203893	0.048375535	0.719071035	1
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CAD	b_cell	<i>ZNF799</i>	0.025320203	0.049403621	0.719071035	1
CAD	b_cell	<i>ZSCAN30</i>	0.003138048	0.027743103	0.719071035	1
CAD	b_cell	<i>ZSWIM5</i>	0.004846295	0.041209186	0.719071035	1
CAD	b_cell	<i>ADAMDEC1</i>	0.068074556	0.01581932	0.719071035	1
CAD	b_cell	<i>CWH43</i>	0.03836152	0.015181123	0.719071035	1
CAD	b_cell	<i>BEND4</i>	0.013380227	0.028466019	0.719071035	1
CAD	b_cell	<i>KLHDC7A</i>	0.058272687	0.036720483	0.719071035	1
CAD	b_cell	<i>TM6SF2</i>	0.061043332	0.024924529	0.719071035	1
CAD	b_cell	<i>GOLGA8O</i>	0.107037885	0.032161409	0.719071035	1

CAD	b_cell	<i>LINC01123</i>	0.010796177	0.043333617	0.719071035	1
CAD	b_cell	<i>CLLU1OS</i>	0.003381821	0.047817409	0.719071035	1
CAD	b_cell	<i>KRT4</i>	0.100931153	0.008182104	0.719071035	1
CAD	b_cell	<i>PDE6H</i>	0.007720968	0.015526077	0.719071035	1
CAD	b_cell	<i>CYP1A1</i>	0.012474251	0.014192397	0.719071035	1
CAD	b_cell	<i>DHRS2</i>	0.004604632	0.020621546	0.719071035	1
CAD	b_cell	<i>HAPLN4</i>	0.005404699	0.006325764	0.719071035	1
CAD	dendritic_cell	<i>AC069213.1</i>	0.071386001	0.031361104	0.99966298	1
CAD	dendritic_cell	<i>ACSM5</i>	0.00962525	0.009255388	0.99966298	1
CAD	dendritic_cell	<i>ADII</i>	0.003626591	0.019106358	0.99966298	1
CAD	dendritic_cell	<i>AKAP11</i>	0.00314028	0.011893843	0.99966298	1
CAD	dendritic_cell	<i>AL590822.1</i>	0.010934512	0.012725024	0.99966298	1
CAD	dendritic_cell	<i>ATP6V0D2</i>	-0.016525733	0.012860544	0.99966298	1
CAD	dendritic_cell	<i>C10orf107</i>	-0.01527142	0.024642331	0.99966298	1
CAD	dendritic_cell	<i>C19orf24</i>	0.007960736	0.049870533	0.99966298	1
CAD	dendritic_cell	<i>C1orf115</i>	0.013592974	0.020849054	0.99966298	1
CAD	dendritic_cell	<i>CATSPERB</i>	0.002644812	0.019931722	0.99966298	1
CAD	dendritic_cell	<i>CD164L2</i>	0.007511033	0.035170869	0.99966298	1
CAD	dendritic_cell	<i>CEACAM19</i>	0.011040639	0.032626226	0.99966298	1
CAD	dendritic_cell	<i>CENPC</i>	0.002046259	0.040664577	0.99966298	1
CAD	dendritic_cell	<i>CENPO</i>	-0.009728305	0.008988465	0.99966298	1
CAD	dendritic_cell	<i>CFDP1</i>	0.002549939	0.005150714	0.99966298	1
CAD	dendritic_cell	<i>CFI</i>	0.00438718	0.049848442	0.99966298	1
CAD	dendritic_cell	<i>CHCHD2</i>	0.002940679	0.019042455	0.99966298	1
CAD	dendritic_cell	<i>COL25A1</i>	-0.000647748	0.032007761	0.99966298	1
CAD	dendritic_cell	<i>CXCL13</i>	0.015229369	0.028178905	0.99966298	1
CAD	dendritic_cell	<i>DAAMI</i>	0.001964253	0.013257127	0.99966298	1
CAD	dendritic_cell	<i>DCLRE1A</i>	0.017452578	0.007933724	0.99966298	1
CAD	dendritic_cell	<i>DMTN</i>	0.009185221	0.02144147	0.99966298	1
CAD	dendritic_cell	<i>DNAH6</i>	0.005721285	0.025614553	0.99966298	1
CAD	dendritic_cell	<i>DR1</i>	0.003808353	0.033292876	0.99966298	1
CAD	dendritic_cell	<i>DTXI</i>	0.006537477	0.032530345	0.99966298	1
CAD	dendritic_cell	<i>EFEMP1</i>	0.001837646	0.02110415	0.99966298	1
CAD	dendritic_cell	<i>ENOX1</i>	-0.001597624	0.033747822	0.99966298	1
CAD	dendritic_cell	<i>EPHB6</i>	-0.012088154	0.010469403	0.99966298	1
CAD	dendritic_cell	<i>FAM162B</i>	-0.003671152	0.023342756	0.99966298	1
CAD	dendritic_cell	<i>FARSA</i>	0.005742259	0.020292833	0.99966298	1
CAD	dendritic_cell	<i>FBF1</i>	0.007258036	0.026224366	0.99966298	1
CAD	dendritic_cell	<i>FLRT2</i>	0.0012488	0.046567651	0.99966298	1
CAD	dendritic_cell	<i>FOLR3</i>	-0.018278548	0.040700395	0.99966298	1
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CAD	dendritic_cell	<i>GALNT18</i>	0.00194114	0.026904757	0.99966298	1
CAD	dendritic_cell	<i>GDPD5</i>	0.00722295	0.017890431	0.99966298	1
CAD	dendritic_cell	<i>GMPPB</i>	0.00898815	0.041516975	0.99966298	1
CAD	dendritic_cell	<i>GRPEL1</i>	-0.004498994	0.045240062	0.99966298	1
CAD	dendritic_cell	<i>HEATR6</i>	-0.007544549	0.005656254	0.99966298	1
CAD	dendritic_cell	<i>HIF3A</i>	0.002204977	0.017041331	0.99966298	1
CAD	dendritic_cell	<i>HOOK1</i>	0.007376388	0.022727577	0.99966298	1
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CAD	dendritic_cell	<i>MRII</i>	0.006282955	0.01343515	0.99966298	1
CAD	dendritic_cell	<i>MRO</i>	0.031054407	0.049710345	0.99966298	1
CAD	dendritic_cell	<i>MUC4</i>	0.015384491	0.005444756	0.99966298	1
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CAD	dendritic_cell	<i>STON2</i>	0.001315636	0.03484054	0.99966298	1
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CAD	dendritic_cell	<i>TSPAN13</i>	0.005867183	0.03696495	0.99966298	1
CAD	dendritic_cell	<i>UBE2G2</i>	0.003929012	0.038603662	0.99966298	1
CAD	dendritic_cell	<i>UBL7</i>	-0.012780257	0.00892712	0.99966298	1
CAD	dendritic_cell	<i>UGP2</i>	0.001748303	0.046896598	0.99966298	1
CAD	dendritic_cell	<i>ULK4</i>	0.002159806	0.04559974	0.99966298	1
CAD	dendritic_cell	<i>UMPS</i>	0.008144593	0.027462257	0.99966298	1
CAD	dendritic_cell	<i>UQCC2</i>	0.00715358	0.045766938	0.99966298	1

CAD	dendritic_cell	<i>URGCP</i>	0.003257343	0.045411485	0.99966298	1
CAD	dendritic_cell	<i>VPS13A</i>	0.001942051	0.038510146	0.99966298	1
CAD	dendritic_cell	<i>WDPCP</i>	0.001204877	0.041018661	0.99966298	1
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CAD	dendritic_cell	<i>TBX4</i>	0.080316606	0.0262955	0.99966298	1
CAD	dendritic_cell	<i>KIF25-AS1</i>	0.008153295	0.028969195	0.99966298	1
CAD	endothelial	<i>ACSM5</i>	0.007985727	0.031525851	0.9996693	1
CAD	endothelial	<i>ANGEL2</i>	0.002151203	0.048656809	0.9996693	1
CAD	endothelial	<i>ANKS1A</i>	0.001503314	0.024289492	0.9996693	1
CAD	endothelial	<i>ATG10</i>	0.003566707	0.030831116	0.9996693	1
CAD	endothelial	<i>BIN3</i>	0.003318848	0.023793916	0.9996693	1
CAD	endothelial	<i>C17orf97</i>	0.004725684	0.040712426	0.9996693	1
CAD	endothelial	<i>CASC15</i>	-0.002085541	0.044200089	0.9996693	1
CAD	endothelial	<i>CBX3</i>	0.003396426	0.013323381	0.9996693	1
CAD	endothelial	<i>CCDC74A</i>	0.021339754	0.027718987	0.9996693	1
CAD	endothelial	<i>CD4</i>	-0.00224079	0.042941284	0.9996693	1
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CAD	endothelial	<i>CHCHD2</i>	0.00333185	0.007797238	0.9996693	1
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CAD	endothelial	<i>COG6</i>	0.002773923	0.042456711	0.9996693	1
CAD	endothelial	<i>DCBLD1</i>	-0.001927217	0.015674193	0.9996693	1
CAD	endothelial	<i>DDX20</i>	0.005187824	0.043212511	0.9996693	1
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CAD	endothelial	<i>DNAH6</i>	0.0052818	0.039404505	0.9996693	1
CAD	endothelial	<i>DRAM2</i>	0.003091674	0.01890493	0.9996693	1
CAD	endothelial	<i>DROSHA</i>	0.002363675	0.049809073	0.9996693	1
CAD	endothelial	<i>DTX1</i>	0.006904954	0.023919277	0.9996693	1
CAD	endothelial	<i>DUSP22</i>	-0.003980469	0.012642683	0.9996693	1
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CAD	endothelial	<i>ENOX1</i>	-0.00156671	0.037297006	0.9996693	1
CAD	endothelial	<i>ENTPD5</i>	0.003868016	0.024358514	0.9996693	1
CAD	endothelial	<i>EPHA7</i>	0.01167052	0.04985142	0.9996693	1
CAD	endothelial	<i>ESYT2</i>	-0.001193711	0.046489414	0.9996693	1
CAD	endothelial	<i>FAM162B</i>	-0.004171195	0.010032149	0.9996693	1
CAD	endothelial	<i>FAM71F2</i>	0.009390711	0.024500039	0.9996693	1
CAD	endothelial	<i>FGFR1OP</i>	0.00792058	0.014449069	0.9996693	1
CAD	endothelial	<i>FGGY</i>	0.004634568	0.02445793	0.9996693	1
CAD	endothelial	<i>FOXP2</i>	0.001621169	0.022951566	0.9996693	1
CAD	endothelial	<i>GMPS</i>	0.0031135	0.021282263	0.9996693	1
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CAD	endothelial	<i>GTSF1</i>	0.018085325	0.007080959	0.9996693	1
CAD	endothelial	<i>HACE1</i>	0.003303406	0.028295691	0.9996693	1
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CAD	endothelial	<i>IRF5</i>	-0.008583258	0.034099323	0.9996693	1

CAD	endothelial	<i>KCNH4</i>	0.013310248	0.00578744	0.9996693	1
CAD	endothelial	<i>LDHA</i>	0.004754003	0.012327685	0.9996693	1
CAD	endothelial	<i>LGALS2</i>	-0.008448059	0.044730382	0.9996693	1
CAD	endothelial	<i>LINC00989</i>	-0.002121319	0.022868471	0.9996693	1
CAD	endothelial	<i>MRPL52</i>	0.004940641	0.013078716	0.9996693	1
CAD	endothelial	<i>MTMR12</i>	0.006431312	0.038129318	0.9996693	1
CAD	endothelial	<i>MTPAP</i>	0.003956769	0.042445565	0.9996693	1
CAD	endothelial	<i>MUC4</i>	0.010829127	0.049906566	0.9996693	1
CAD	endothelial	<i>NFAT5</i>	0.00238982	0.000590292	0.9996693	1
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CAD	endothelial	<i>NOS2</i>	-0.025354873	0.041994771	0.9996693	1
CAD	endothelial	<i>NUDT21</i>	0.008258519	0.006163373	0.9996693	1
CAD	endothelial	<i>ODF2L</i>	0.002013798	0.04516811	0.9996693	1
CAD	endothelial	<i>PFN2</i>	-0.008973618	0.042428044	0.9996693	1
CAD	endothelial	<i>PIP4K2B</i>	0.008570672	0.043937323	0.9996693	1
CAD	endothelial	<i>PLCE1</i>	0.001657443	0.045816459	0.9996693	1
CAD	endothelial	<i>PPP1R9A</i>	0.001727715	0.04878149	0.9996693	1
CAD	endothelial	<i>PRKAR1B</i>	0.004546209	0.003218019	0.9996693	1
CAD	endothelial	<i>PRKAR2A</i>	0.001860015	0.034852972	0.9996693	1
CAD	endothelial	<i>RAB5C</i>	0.006553236	0.005906654	0.9996693	1
CAD	endothelial	<i>RASL11A</i>	-0.008852087	0.033076687	0.9996693	1
CAD	endothelial	<i>RNF14</i>	-0.003685922	0.021848122	0.9996693	1
CAD	endothelial	<i>RTEL1</i>	0.025758201	0.042559551	0.9996693	1
CAD	endothelial	<i>SDE2</i>	0.006765383	0.024101041	0.9996693	1
CAD	endothelial	<i>SKIV2L2</i>	0.002307944	0.02810221	0.9996693	1
CAD	endothelial	<i>SLC20A2</i>	0.002181828	0.02388102	0.9996693	1
CAD	endothelial	<i>SLC25A17</i>	0.007795491	0.020040389	0.9996693	1
CAD	endothelial	<i>SLC37A3</i>	0.002715084	0.015678545	0.9996693	1
CAD	endothelial	<i>SMIM19</i>	0.003318612	0.025851855	0.9996693	1
CAD	endothelial	<i>SNTG2</i>	0.001372119	0.014281582	0.9996693	1
CAD	endothelial	<i>SPAG8</i>	-0.011743589	0.029734798	0.9996693	1
CAD	endothelial	<i>ST8SIA2</i>	0.024045493	0.04344857	0.9996693	1
CAD	endothelial	<i>STEAP2</i>	0.005924884	0.038765675	0.9996693	1
CAD	endothelial	<i>STON2</i>	0.00129178	0.038252325	0.9996693	1
CAD	endothelial	<i>TAF1C</i>	0.006747476	0.029179576	0.9996693	1
CAD	endothelial	<i>THSD7B</i>	-0.001288409	0.031680308	0.9996693	1
CAD	endothelial	<i>TLN2</i>	0.00128802	0.049311495	0.9996693	1
CAD	endothelial	<i>TMEM209</i>	0.008795792	0.044762776	0.9996693	1
CAD	endothelial	<i>TMEM74B</i>	-0.011414667	0.010150281	0.9996693	1
CAD	endothelial	<i>TOMIL2</i>	0.002361909	0.032490189	0.9996693	1
CAD	endothelial	<i>TOR1B</i>	0.016660999	0.005948994	0.9996693	1
CAD	endothelial	<i>UGP2</i>	0.001755731	0.045852586	0.9996693	1
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CAD	endothelial	<i>VIP</i>	0.013022997	0.04608973	0.9996693	1
CAD	endothelial	<i>WASF3</i>	0.002827623	0.045590022	0.9996693	1
CAD	endothelial	<i>WDR19</i>	0.004769318	0.014496388	0.9996693	1
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CAD	LEC	<i>ACVR2A</i>	0.001919188	0.027297226	0.999631184	1
CAD	LEC	<i>ADIPOQ</i>	0.001889493	0.019569766	0.999631184	1
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CAD	LEC	<i>AKRIC3</i>	0.004836552	0.03903299	0.999631184	1
CAD	LEC	<i>ANO1</i>	-0.004928021	0.017291796	0.999631184	1
CAD	LEC	<i>C10orf25</i>	-0.036186529	0.034247559	0.999631184	1
CAD	LEC	<i>C8orf59</i>	0.003269594	0.037176422	0.999631184	1
CAD	LEC	<i>CAMLG</i>	0.005143114	0.007737223	0.999631184	1
CAD	LEC	<i>CASC15</i>	-0.00210827	0.042005883	0.999631184	1
CAD	LEC	<i>CCNE1</i>	0.02010945	0.039637485	0.999631184	1
CAD	LEC	<i>CDC27</i>	0.003141973	0.048840864	0.999631184	1
CAD	LEC	<i>CDH5</i>	0.002110762	0.029885883	0.999631184	1
CAD	LEC	<i>CDH6</i>	-0.001666365	0.042117139	0.999631184	1
CAD	LEC	<i>CNTN6</i>	0.010403263	0.037745619	0.999631184	1
CAD	LEC	<i>COG4</i>	-0.004326073	0.015581256	0.999631184	1
CAD	LEC	<i>COL25A1</i>	-0.000765971	0.011220923	0.999631184	1
CAD	LEC	<i>COLQ</i>	0.006267344	0.017448659	0.999631184	1
CAD	LEC	<i>CXCR4</i>	0.004645349	0.023427344	0.999631184	1
CAD	LEC	<i>CYGB</i>	-0.008285982	0.039668768	0.999631184	1
CAD	LEC	<i>DMTN</i>	0.008190144	0.040232077	0.999631184	1
CAD	LEC	<i>DTX4</i>	0.009352512	0.017984293	0.999631184	1
CAD	LEC	<i>EFEMP1</i>	0.001714758	0.03149598	0.999631184	1
CAD	LEC	<i>ELAC2</i>	0.005556618	0.042618994	0.999631184	1
CAD	LEC	<i>ENPEP</i>	-0.00280975	0.034526563	0.999631184	1
CAD	LEC	<i>FAM110A</i>	0.006841503	0.028263651	0.999631184	1
CAD	LEC	<i>FAM114A1</i>	0.003507043	0.027826505	0.999631184	1
CAD	LEC	<i>FAM160A2</i>	0.005206211	0.035730102	0.999631184	1
CAD	LEC	<i>FAM162B</i>	-0.003322861	0.040644161	0.999631184	1
CAD	LEC	<i>FBXO36</i>	0.00819605	0.027539918	0.999631184	1
CAD	LEC	<i>FOXP2</i>	0.001630098	0.022297251	0.999631184	1
CAD	LEC	<i>FRMD3</i>	-0.001749424	0.032641034	0.999631184	1
CAD	LEC	<i>GDPD5</i>	0.006391606	0.036598361	0.999631184	1
CAD	LEC	<i>GNPTG</i>	0.007934852	0.015029212	0.999631184	1
CAD	LEC	<i>GRID1</i>	-0.00265312	0.031144985	0.999631184	1
CAD	LEC	<i>HIFX</i>	0.00529916	0.018001801	0.999631184	1
CAD	LEC	<i>ING5</i>	0.002491708	0.023485488	0.999631184	1
CAD	LEC	<i>IRS1</i>	0.004313072	0.01591802	0.999631184	1
CAD	LEC	<i>LAYN</i>	0.006658794	0.016443362	0.999631184	1
CAD	LEC	<i>LINC00989</i>	-0.002348463	0.01179247	0.999631184	1
CAD	LEC	<i>MCM10</i>	-0.01303628	0.012098454	0.999631184	1
CAD	LEC	<i>MEDAG</i>	0.003031977	0.028336035	0.999631184	1
CAD	LEC	<i>METTL21C</i>	0.037578641	0.042444125	0.999631184	1
CAD	LEC	<i>MGEA5</i>	0.001626347	0.040623183	0.999631184	1
CAD	LEC	<i>MNAT1</i>	0.002219662	0.034316877	0.999631184	1
CAD	LEC	<i>MRT04</i>	0.007285614	0.035030925	0.999631184	1
CAD	LEC	<i>NAGS</i>	0.0036823	0.042956612	0.999631184	1
CAD	LEC	<i>NFYA</i>	-0.003635856	0.030773896	0.999631184	1
CAD	LEC	<i>NIT1</i>	0.005367579	0.027843741	0.999631184	1
CAD	LEC	<i>NMRK1</i>	0.005157258	0.032984176	0.999631184	1
CAD	LEC	<i>NUDT2</i>	0.007499777	0.018342158	0.999631184	1

CAD	LEC	<i>ORMDL3</i>	0.007050657	0.038937142	0.999631184	1
CAD	LEC	<i>PLA2G16</i>	0.002493883	0.043701891	0.999631184	1
CAD	LEC	<i>PPIL2</i>	0.002886033	0.042172361	0.999631184	1
CAD	LEC	<i>PPIL3</i>	0.004498258	0.041020093	0.999631184	1
CAD	LEC	<i>PPP1R9A</i>	0.001965542	0.025082477	0.999631184	1
CAD	LEC	<i>PVR</i>	0.011561404	0.034254683	0.999631184	1
CAD	LEC	<i>PYGL</i>	0.002475967	0.022786796	0.999631184	1
CAD	LEC	<i>RETSAT</i>	0.002362402	0.043512675	0.999631184	1
CAD	LEC	<i>RFC3</i>	0.004114178	0.025393488	0.999631184	1
CAD	LEC	<i>RGS17</i>	0.004979886	0.023604139	0.999631184	1
CAD	LEC	<i>RGS5</i>	-0.00341387	0.009794791	0.999631184	1
CAD	LEC	<i>RTN4</i>	0.001701852	0.044759761	0.999631184	1
CAD	LEC	<i>SAR1A</i>	0.003523283	0.031288502	0.999631184	1
CAD	LEC	<i>SAR1B</i>	0.005118705	0.049027615	0.999631184	1
CAD	LEC	<i>SASS6</i>	0.008630501	0.006749995	0.999631184	1
CAD	LEC	<i>SH3BGR12</i>	0.004645756	0.015290012	0.999631184	1
CAD	LEC	<i>SMAD2</i>	0.002955695	0.035694718	0.999631184	1
CAD	LEC	<i>SMDT1</i>	-0.005972939	0.032607039	0.999631184	1
CAD	LEC	<i>SNTB2</i>	0.002244575	0.046230898	0.999631184	1
CAD	LEC	<i>SNTG2</i>	0.001345778	0.016355586	0.999631184	1
CAD	LEC	<i>SNX32</i>	-0.007564807	0.047730713	0.999631184	1
CAD	LEC	<i>STAM2</i>	0.002640311	0.005584133	0.999631184	1
CAD	LEC	<i>STEAP4</i>	-0.001272213	0.026517139	0.999631184	1
CAD	LEC	<i>THSD7B</i>	-0.001368504	0.022459051	0.999631184	1
CAD	LEC	<i>TIE1</i>	0.002728144	0.037562497	0.999631184	1
CAD	LEC	<i>TLN2</i>	0.001466901	0.025171505	0.999631184	1
CAD	LEC	<i>TMEM74B</i>	-0.009689425	0.029595027	0.999631184	1
CAD	LEC	<i>TRIM24</i>	0.003800597	0.020698948	0.999631184	1
CAD	LEC	<i>TRIP6</i>	-0.008104051	0.002976848	0.999631184	1
CAD	LEC	<i>TSPAN4</i>	0.004467343	0.021808995	0.999631184	1
CAD	LEC	<i>TSTD1</i>	0.00533698	0.026988055	0.999631184	1
CAD	LEC	<i>TTC3</i>	0.002143007	0.019660766	0.999631184	1
CAD	LEC	<i>VEZT</i>	0.002777643	0.028402845	0.999631184	1
CAD	LEC	<i>VIPAS39</i>	0.005937103	0.021431387	0.999631184	1
CAD	LEC	<i>ZC3H6</i>	0.003060605	0.038558327	0.999631184	1
CAD	LEC	<i>ZKSCAN1</i>	0.003224405	0.026450951	0.999631184	1
CAD	LEC	<i>ZNF154</i>	0.006653891	0.045804333	0.999631184	1
CAD	LEC	<i>ZNF586</i>	0.004993849	0.036875996	0.999631184	1
CAD	LEC	<i>ZNF608</i>	0.002651122	0.021946937	0.999631184	1
CAD	LEC	<i>OPN4</i>	-0.012957481	0.0299121	0.999631184	1
CAD	macrophage	<i>AC003005.2</i>	0.050742559	0.008217144	0.734823241	1
CAD	macrophage	<i>AC006111.1</i>	0.024119168	0.040726528	0.734823241	1
CAD	macrophage	<i>ACOT1</i>	0.035138046	0.038542208	0.734823241	1
CAD	macrophage	<i>ACSM5</i>	0.011462668	0.001983966	0.734823241	1
CAD	macrophage	<i>ADH1B</i>	0.001503321	0.022083094	0.734823241	1
CAD	macrophage	<i>ADH4</i>	0.015457506	0.008033364	0.734823241	1
CAD	macrophage	<i>ADIPOQ</i>	0.001607597	0.046961483	0.734823241	1
CAD	macrophage	<i>AGER</i>	0.009718544	0.035711698	0.734823241	1
CAD	macrophage	<i>AHSA2</i>	0.002906617	0.015397542	0.734823241	1
CAD	macrophage	<i>AKR1C2</i>	0.006925184	0.006731735	0.734823241	1
CAD	macrophage	<i>APOB</i>	0.011105086	0.017632658	0.734823241	1
CAD	macrophage	<i>ARHGEF26</i>	0.005559686	0.025747557	0.734823241	1

CAD	macrophage	<i>ARHGEF35</i>	0.039222861	0.029420786	0.734823241	1
CAD	macrophage	<i>ARL6IP1</i>	0.004844685	0.025203408	0.734823241	1
CAD	macrophage	<i>ARMS2</i>	0.046842566	0.040261546	0.734823241	1
CAD	macrophage	<i>ASAH2B</i>	0.020182006	0.005842667	0.734823241	1
CAD	macrophage	<i>ATAD2</i>	0.006455013	0.000455454	0.734823241	1
CAD	macrophage	<i>ATG10</i>	0.003721089	0.023683095	0.734823241	1
CAD	macrophage	<i>ATP6V1G2</i>	0.013993352	0.042837771	0.734823241	1
CAD	macrophage	<i>ATPIF1</i>	0.003883978	0.04022381	0.734823241	1
CAD	macrophage	<i>BOK</i>	0.006150434	0.033430675	0.734823241	1
CAD	macrophage	<i>BPHL</i>	0.007234035	0.012346492	0.734823241	1
CAD	macrophage	<i>C10orf95</i>	0.014790216	0.040424846	0.734823241	1
CAD	macrophage	<i>C14orf39</i>	0.012601514	0.027616333	0.734823241	1
CAD	macrophage	<i>C19orf18</i>	0.017244467	0.00021733	0.734823241	1
CAD	macrophage	<i>C1QTNF7</i>	0.002692769	0.047369972	0.734823241	1
CAD	macrophage	<i>C5orf42</i>	0.002282943	0.049320502	0.734823241	1
CAD	macrophage	<i>CALR</i>	0.002645819	0.02972472	0.734823241	1
CAD	macrophage	<i>CARD10</i>	0.009074326	0.038536213	0.734823241	1
CAD	macrophage	<i>CARD6</i>	0.007943711	0.013161729	0.734823241	1
CAD	macrophage	<i>CBX3</i>	0.003094906	0.023781512	0.734823241	1
CAD	macrophage	<i>CCDC69</i>	0.003322025	0.049123658	0.734823241	1
CAD	macrophage	<i>CCL24</i>	0.038533222	0.014483223	0.734823241	1
CAD	macrophage	<i>CDC34</i>	0.012436145	0.036058694	0.734823241	1
CAD	macrophage	<i>CENPC</i>	0.001996748	0.04577814	0.734823241	1
CAD	macrophage	<i>CEP41</i>	0.012623174	0.01996871	0.734823241	1
CAD	macrophage	<i>CEP95</i>	0.002608743	0.034504883	0.734823241	1
CAD	macrophage	<i>CIAPIN1</i>	0.006907675	0.037506344	0.734823241	1
CAD	macrophage	<i>CLDN10</i>	0.02152879	0.025056861	0.734823241	1
CAD	macrophage	<i>CLEC18A</i>	0.053906775	0.032645281	0.734823241	1
CAD	macrophage	<i>CNRIP1</i>	0.003037111	0.043356151	0.734823241	1
CAD	macrophage	<i>COG4</i>	0.003735942	0.037315902	0.734823241	1
CAD	macrophage	<i>COL25A1</i>	-0.000721986	0.016885833	0.734823241	1
CAD	macrophage	<i>CPZ</i>	0.044805113	0.028824302	0.734823241	1
CAD	macrophage	<i>CRELD2</i>	0.007525875	0.026840653	0.734823241	1
CAD	macrophage	<i>CRHR2</i>	0.038976371	0.026470916	0.734823241	1
CAD	macrophage	<i>CSTB</i>	0.003693366	0.028602389	0.734823241	1
CAD	macrophage	<i>CWF19L1</i>	0.00298908	0.044052051	0.734823241	1
CAD	macrophage	<i>CYP4F11</i>	0.004645162	0.020751398	0.734823241	1
CAD	macrophage	<i>CYP8B1</i>	0.008808666	0.003992839	0.734823241	1
CAD	macrophage	<i>DDI2</i>	0.003714828	0.04727839	0.734823241	1
CAD	macrophage	<i>DDX25</i>	0.04071846	0.040729291	0.734823241	1
CAD	macrophage	<i>DECR2</i>	0.010028453	0.042973996	0.734823241	1
CAD	macrophage	<i>DIRC3</i>	0.001306572	0.049260039	0.734823241	1
CAD	macrophage	<i>DMGDH</i>	0.004369601	0.037292292	0.734823241	1
CAD	macrophage	<i>DMTN</i>	0.01193817	0.002816787	0.734823241	1
CAD	macrophage	<i>DNA2</i>	0.008809509	0.017131528	0.734823241	1
CAD	macrophage	<i>DNAH6</i>	0.006362558	0.013149945	0.734823241	1
CAD	macrophage	<i>DNAJC16</i>	0.00607685	0.017464105	0.734823241	1
CAD	macrophage	<i>DNAJC8</i>	0.004197843	0.028325735	0.734823241	1
CAD	macrophage	<i>DTX1</i>	0.006886834	0.02468516	0.734823241	1
CAD	macrophage	<i>ECT2L</i>	0.011454135	0.030173935	0.734823241	1
CAD	macrophage	<i>ELMO3</i>	0.022081148	0.016204272	0.734823241	1
CAD	macrophage	<i>ELMOD1</i>	0.030464968	0.035441588	0.734823241	1

CAD	macrophage	<i>EMP1</i>	0.001661175	0.04867749	0.734823241	1
CAD	macrophage	<i>ETV4</i>	0.005789529	0.04247522	0.734823241	1
CAD	macrophage	<i>EXOSC6</i>	0.007141781	0.007567444	0.734823241	1
CAD	macrophage	<i>EZH1</i>	0.00316192	0.039074035	0.734823241	1
CAD	macrophage	<i>FAM153B</i>	0.015433457	0.011613324	0.734823241	1
CAD	macrophage	<i>FAM162B</i>	-0.003899234	0.016110302	0.734823241	1
CAD	macrophage	<i>FAM167B</i>	0.028853298	0.028010277	0.734823241	1
CAD	macrophage	<i>FAM173B</i>	0.00753813	0.0305903	0.734823241	1
CAD	macrophage	<i>FAM213A</i>	-0.002767493	0.014141068	0.734823241	1
CAD	macrophage	<i>FAM47E-STBD1</i>	0.018789221	0.026714925	0.734823241	1
CAD	macrophage	<i>FBXO36</i>	0.008269378	0.027607486	0.734823241	1
CAD	macrophage	<i>FGFR4</i>	0.104093428	0.012896261	0.734823241	1
CAD	macrophage	<i>FKBP1B</i>	0.045152788	0.042574731	0.734823241	1
CAD	macrophage	<i>FLG</i>	0.013286312	0.04822134	0.734823241	1
CAD	macrophage	<i>FOXP2</i>	0.001772211	0.012942866	0.734823241	1
CAD	macrophage	<i>FPGT</i>	-0.006582272	0.040906488	0.734823241	1
CAD	macrophage	<i>GAL3ST2</i>	0.057544934	0.012110347	0.734823241	1
CAD	macrophage	<i>GALNT14</i>	-0.006848952	0.006396424	0.734823241	1
CAD	macrophage	<i>GALNT8</i>	0.014850878	0.035139152	0.734823241	1
CAD	macrophage	<i>GPM1</i>	0.003195756	0.045957047	0.734823241	1
CAD	macrophage	<i>GLYCTK</i>	0.010091393	0.017792512	0.734823241	1
CAD	macrophage	<i>GNPDA2</i>	0.005569362	0.033558926	0.734823241	1
CAD	macrophage	<i>GOLGA8N</i>	0.01579234	0.041542313	0.734823241	1
CAD	macrophage	<i>GPLD1</i>	0.009551878	0.022318301	0.734823241	1
CAD	macrophage	<i>GPX2</i>	0.012130274	0.032206452	0.734823241	1
CAD	macrophage	<i>GSDMB</i>	0.003638798	0.010830837	0.734823241	1
CAD	macrophage	<i>GSTM3</i>	0.00987389	0.040094973	0.734823241	1
CAD	macrophage	<i>GSTM5</i>	0.014241784	0.036367518	0.734823241	1
CAD	macrophage	<i>GTF2IRD1</i>	0.006562035	0.011406252	0.734823241	1
CAD	macrophage	<i>HEPACAM</i>	0.006664635	0.033668814	0.734823241	1
CAD	macrophage	<i>HIBCH</i>	0.001989001	0.01672673	0.734823241	1
CAD	macrophage	<i>HID1</i>	0.009001777	0.008841381	0.734823241	1
CAD	macrophage	<i>HOXA6</i>	0.008378431	0.044783162	0.734823241	1
CAD	macrophage	<i>HPN</i>	0.014476286	0.028092094	0.734823241	1
CAD	macrophage	<i>HRASLS5</i>	0.006364506	0.0311272	0.734823241	1
CAD	macrophage	<i>HSF2</i>	0.006547784	0.004890277	0.734823241	1
CAD	macrophage	<i>IL22RA1</i>	0.045048535	0.028361479	0.734823241	1
CAD	macrophage	<i>IQCH-AS1</i>	0.005170667	0.01656699	0.734823241	1
CAD	macrophage	<i>IRF2BPL</i>	0.011857169	0.047331968	0.734823241	1
CAD	macrophage	<i>IRX3</i>	0.015925862	0.031508212	0.734823241	1
CAD	macrophage	<i>ITPKC</i>	0.005748739	0.025090117	0.734823241	1
CAD	macrophage	<i>KATNAL2</i>	0.005434539	0.017949557	0.734823241	1
CAD	macrophage	<i>KCNA1</i>	0.017944096	0.038693272	0.734823241	1
CAD	macrophage	<i>KCNIP2</i>	0.004364679	0.038958681	0.734823241	1
CAD	macrophage	<i>KCNN3</i>	0.003729053	0.035750026	0.734823241	1
CAD	macrophage	<i>KIF25</i>	0.020737448	0.023812559	0.734823241	1
CAD	macrophage	<i>KLHL31</i>	0.005434177	0.007106809	0.734823241	1
CAD	macrophage	<i>KPNA4</i>	0.001943631	0.027368607	0.734823241	1
CAD	macrophage	<i>KRIT1</i>	0.003076278	0.024457303	0.734823241	1
CAD	macrophage	<i>LAMB3</i>	0.012676559	0.037733634	0.734823241	1
CAD	macrophage	<i>LINC00115</i>	0.017845226	0.016490913	0.734823241	1
CAD	macrophage	<i>LINC00638</i>	0.036635507	0.029202081	0.734823241	1

CAD	macrophage	<i>LRBA</i>	0.000806128	0.03536419	0.734823241	1
CAD	macrophage	<i>LRRC37A3</i>	0.009769512	0.012018759	0.734823241	1
CAD	macrophage	<i>LTB4R2</i>	0.02372626	0.033466371	0.734823241	1
CAD	macrophage	<i>LTF</i>	0.018382297	0.015643714	0.734823241	1
CAD	macrophage	<i>MAATS1</i>	0.011410188	0.014351049	0.734823241	1
CAD	macrophage	<i>MAP1LC3C</i>	0.030132865	0.015562945	0.734823241	1
CAD	macrophage	<i>MASPI</i>	0.015813842	0.011542319	0.734823241	1
CAD	macrophage	<i>MAVS</i>	0.005960326	0.037976219	0.734823241	1
CAD	macrophage	<i>MFF</i>	0.00347398	0.038630374	0.734823241	1
CAD	macrophage	<i>MNAT1</i>	0.002269579	0.030618419	0.734823241	1
CAD	macrophage	<i>MOB1A</i>	0.002805337	0.031636356	0.734823241	1
CAD	macrophage	<i>MOGAT1</i>	0.007083178	0.043133995	0.734823241	1
CAD	macrophage	<i>MORN4</i>	0.011193417	0.034345631	0.734823241	1
CAD	macrophage	<i>MPND</i>	0.012227965	0.041591944	0.734823241	1
CAD	macrophage	<i>MRPL18</i>	0.008640562	0.001560122	0.734823241	1
CAD	macrophage	<i>MRS2</i>	0.00622287	0.037027815	0.734823241	1
CAD	macrophage	<i>MS4A6E</i>	0.015857763	0.043252332	0.734823241	1
CAD	macrophage	<i>MTHFD1</i>	0.004363214	0.028888057	0.734823241	1
CAD	macrophage	<i>MTMR12</i>	0.007736918	0.013369307	0.734823241	1
CAD	macrophage	<i>MUC20</i>	0.02341103	0.022757054	0.734823241	1
CAD	macrophage	<i>MYO5B</i>	0.008315794	0.043397427	0.734823241	1
CAD	macrophage	<i>MZT2A</i>	0.006755908	0.028603564	0.734823241	1
CAD	macrophage	<i>NAT6</i>	0.017398913	0.028533288	0.734823241	1
CAD	macrophage	<i>NCAM2</i>	0.006863387	0.006592629	0.734823241	1
CAD	macrophage	<i>NDNF</i>	0.008725293	0.020574547	0.734823241	1
CAD	macrophage	<i>NEIL1</i>	0.005519297	0.041390129	0.734823241	1
CAD	macrophage	<i>NIT1</i>	0.005256924	0.031223371	0.734823241	1
CAD	macrophage	<i>NLRP6</i>	0.026166435	0.028416092	0.734823241	1
CAD	macrophage	<i>NOM1</i>	0.003847573	0.016149179	0.734823241	1
CAD	macrophage	<i>NSMCE4A</i>	0.004264423	0.035256485	0.734823241	1
CAD	macrophage	<i>NT5E</i>	0.004444677	0.026740422	0.734823241	1
CAD	macrophage	<i>NTHL1</i>	0.008185429	0.042619995	0.734823241	1
CAD	macrophage	<i>NUDT6</i>	0.008319753	0.009694802	0.734823241	1
CAD	macrophage	<i>NUDT8</i>	0.015463729	0.045225269	0.734823241	1
CAD	macrophage	<i>ODF3L2</i>	0.048667551	0.03599108	0.734823241	1
CAD	macrophage	<i>OGN</i>	0.004368342	0.027413752	0.734823241	1
CAD	macrophage	<i>OPRL1</i>	0.015537465	0.032902206	0.734823241	1
CAD	macrophage	<i>PAK4</i>	0.006272184	0.012467999	0.734823241	1
CAD	macrophage	<i>PANK2</i>	-0.00310615	0.018977336	0.734823241	1
CAD	macrophage	<i>PCDHB16</i>	0.012234472	0.028369632	0.734823241	1
CAD	macrophage	<i>PCLO</i>	0.003759605	0.028485329	0.734823241	1
CAD	macrophage	<i>PCSK9</i>	0.052964471	0.006432918	0.734823241	1
CAD	macrophage	<i>PDPN</i>	0.006058462	0.029975182	0.734823241	1
CAD	macrophage	<i>PEX6</i>	0.006223868	0.00935454	0.734823241	1
CAD	macrophage	<i>PHF10</i>	0.002892714	0.045855768	0.734823241	1
CAD	macrophage	<i>PHF2</i>	0.004433362	0.025426507	0.734823241	1
CAD	macrophage	<i>PIGM</i>	0.010321831	0.015447749	0.734823241	1
CAD	macrophage	<i>PLA2G16</i>	0.002498012	0.043591001	0.734823241	1
CAD	macrophage	<i>PLCE1</i>	0.00191441	0.020966513	0.734823241	1
CAD	macrophage	<i>PNLDC1</i>	0.042683816	0.030771651	0.734823241	1
CAD	macrophage	<i>PPFIBP1</i>	0.000780328	0.046432799	0.734823241	1
CAD	macrophage	<i>PPIE</i>	0.003760582	0.046041555	0.734823241	1

CAD	macrophage	<i>PPIL2</i>	0.002943858	0.038430129	0.734823241	1
CAD	macrophage	<i>PPP1R1C</i>	0.038069107	0.011759007	0.734823241	1
CAD	macrophage	<i>PPP1R9A</i>	0.002172914	0.013117851	0.734823241	1
CAD	macrophage	<i>PRR15</i>	0.054048384	0.046277792	0.734823241	1
CAD	macrophage	<i>PTPN5</i>	0.030066417	0.014451289	0.734823241	1
CAD	macrophage	<i>PTPRS</i>	0.001963135	0.018399788	0.734823241	1
CAD	macrophage	<i>PYCR2</i>	0.00794257	0.048250707	0.734823241	1
CAD	macrophage	<i>PYGB</i>	0.00599994	0.024727336	0.734823241	1
CAD	macrophage	<i>PYROXD2</i>	0.004922909	0.026969693	0.734823241	1
CAD	macrophage	<i>RAPGEF6</i>	0.006179363	0.040457318	0.734823241	1
CAD	macrophage	<i>RETSAT</i>	0.003666311	0.001695109	0.734823241	1
CAD	macrophage	<i>RFC3</i>	0.003940327	0.031558743	0.734823241	1
CAD	macrophage	<i>RGS5</i>	-0.002894667	0.028604084	0.734823241	1
CAD	macrophage	<i>RIMKLA</i>	0.023691327	0.03989992	0.734823241	1
CAD	macrophage	<i>ROBO4</i>	0.003331978	0.047715733	0.734823241	1
CAD	macrophage	<i>RP1L1</i>	0.020107529	0.03155302	0.734823241	1
CAD	macrophage	<i>RPUSD1</i>	0.012820022	0.023196522	0.734823241	1
CAD	macrophage	<i>RRBP1</i>	-0.002047051	0.024430822	0.734823241	1
CAD	macrophage	<i>RRP8</i>	0.010125174	0.024367351	0.734823241	1
CAD	macrophage	<i>RSG1</i>	0.020597833	0.033891588	0.734823241	1
CAD	macrophage	<i>RXRG</i>	0.02997522	0.033255641	0.734823241	1
CAD	macrophage	<i>SAMD12</i>	0.002551231	0.029614294	0.734823241	1
CAD	macrophage	<i>SAP130</i>	-0.005052207	0.029651225	0.734823241	1
CAD	macrophage	<i>SCRN2</i>	0.005795068	0.044373939	0.734823241	1
CAD	macrophage	<i>SERF1B</i>	0.056973334	0.049216567	0.734823241	1
CAD	macrophage	<i>SERPINF1</i>	0.002198379	0.044988529	0.734823241	1
CAD	macrophage	<i>SFXN2</i>	0.009120747	0.0220294	0.734823241	1
CAD	macrophage	<i>SHMT1</i>	0.004117093	0.042162493	0.734823241	1
CAD	macrophage	<i>SLC22A23</i>	0.002002895	0.034902418	0.734823241	1
CAD	macrophage	<i>SLC25A29</i>	0.005688984	0.04504979	0.734823241	1
CAD	macrophage	<i>SLC26A4</i>	0.008244972	0.027142575	0.734823241	1
CAD	macrophage	<i>SLC26A5</i>	0.003667018	0.008850908	0.734823241	1
CAD	macrophage	<i>SLC35F1</i>	-0.003250421	0.048687662	0.734823241	1
CAD	macrophage	<i>SLC37A4</i>	0.008951961	0.037574536	0.734823241	1
CAD	macrophage	<i>SLC7A6OS</i>	0.002126749	0.037899622	0.734823241	1
CAD	macrophage	<i>SMG9</i>	0.005515327	0.021986925	0.734823241	1
CAD	macrophage	<i>SMN2</i>	0.020072022	0.03582312	0.734823241	1
CAD	macrophage	<i>SMYD4</i>	0.00386558	0.043416851	0.734823241	1
CAD	macrophage	<i>SNRPF</i>	0.008016168	0.048129502	0.734823241	1
CAD	macrophage	<i>SNTG2</i>	0.001214671	0.029945084	0.734823241	1
CAD	macrophage	<i>SNX16</i>	0.004681594	0.047797805	0.734823241	1
CAD	macrophage	<i>SPECC1</i>	-0.001701024	0.014789278	0.734823241	1
CAD	macrophage	<i>SRR</i>	0.009989545	0.010155613	0.734823241	1
CAD	macrophage	<i>STEAP2</i>	0.006020949	0.036133752	0.734823241	1
CAD	macrophage	<i>STON2</i>	0.001383218	0.026572296	0.734823241	1
CAD	macrophage	<i>STPG1</i>	0.006737905	0.046141105	0.734823241	1
CAD	macrophage	<i>SYNJ2</i>	0.006008888	0.029967849	0.734823241	1
CAD	macrophage	<i>TAF1C</i>	0.008503919	0.006093301	0.734823241	1
CAD	macrophage	<i>TAS2R4</i>	0.014354446	0.048149652	0.734823241	1
CAD	macrophage	<i>TBX6</i>	0.024891331	0.027364856	0.734823241	1
CAD	macrophage	<i>TEKT3</i>	0.012025457	0.016432257	0.734823241	1
CAD	macrophage	<i>TEX261</i>	-0.007319223	0.015200277	0.734823241	1

CAD	macrophage	<i>THEM6</i>	0.018381215	0.0471409	0.734823241	1
CAD	macrophage	<i>THSD7B</i>	-0.001183272	0.048501693	0.734823241	1
CAD	macrophage	<i>TLN2</i>	0.001701417	0.009449045	0.734823241	1
CAD	macrophage	<i>TMEM143</i>	0.009838441	0.022444892	0.734823241	1
CAD	macrophage	<i>TMEM183A</i>	0.007071978	0.032109918	0.734823241	1
CAD	macrophage	<i>TMEM232</i>	0.006919701	0.02345426	0.734823241	1
CAD	macrophage	<i>TP63</i>	0.008407069	0.019806897	0.734823241	1
CAD	macrophage	<i>TPBG</i>	0.004566246	0.041212634	0.734823241	1
CAD	macrophage	<i>TRMT61A</i>	0.016401722	0.023884222	0.734823241	1
CAD	macrophage	<i>UBE2Q2L</i>	0.044032364	0.024732399	0.734823241	1
CAD	macrophage	<i>UBE3B</i>	0.00308389	0.040426821	0.734823241	1
CAD	macrophage	<i>UGP2</i>	0.001850693	0.035395757	0.734823241	1
CAD	macrophage	<i>UROD</i>	0.009571019	0.04689953	0.734823241	1
CAD	macrophage	<i>USP40</i>	0.003191337	0.043165871	0.734823241	1
CAD	macrophage	<i>USP6</i>	-0.020027766	0.022084986	0.734823241	1
CAD	macrophage	<i>VEPH1</i>	0.011453889	0.026246065	0.734823241	1
CAD	macrophage	<i>VPS13A</i>	0.001913838	0.041468126	0.734823241	1
CAD	macrophage	<i>WDR18</i>	0.012906629	0.014453631	0.734823241	1
CAD	macrophage	<i>WDR93</i>	0.004295968	0.049947911	0.734823241	1
CAD	macrophage	<i>WEE2</i>	0.021694561	0.03886341	0.734823241	1
CAD	macrophage	<i>WFS1</i>	0.005670845	0.042765009	0.734823241	1
CAD	macrophage	<i>XRN2</i>	-0.004220013	0.031771955	0.734823241	1
CAD	macrophage	<i>ZCRB1</i>	0.006015085	0.045523264	0.734823241	1
CAD	macrophage	<i>ZFPM2</i>	0.000807531	0.023800793	0.734823241	1
CAD	macrophage	<i>ZKSCAN8</i>	0.007323907	0.030703922	0.734823241	1
CAD	macrophage	<i>ZNF117</i>	0.003353953	0.047522498	0.734823241	1
CAD	macrophage	<i>ZNF160</i>	0.00354594	0.024939692	0.734823241	1
CAD	macrophage	<i>ZNF195</i>	0.00577428	0.00975388	0.734823241	1
CAD	macrophage	<i>ZNF208</i>	0.004428441	0.032180379	0.734823241	1
CAD	macrophage	<i>ZNF257</i>	0.00875615	0.035988347	0.734823241	1
CAD	macrophage	<i>ZNF268</i>	0.007608175	0.044584876	0.734823241	1
CAD	macrophage	<i>ZNF273</i>	0.006156569	0.028012099	0.734823241	1
CAD	macrophage	<i>ZNF385C</i>	0.012505461	0.04710532	0.734823241	1
CAD	macrophage	<i>ZNF547</i>	0.034381735	0.029091435	0.734823241	1
CAD	macrophage	<i>ZNF554</i>	0.011395598	0.039691845	0.734823241	1
CAD	macrophage	<i>ZNF580</i>	0.00939611	0.027134145	0.734823241	1
CAD	macrophage	<i>ZNF582-AS1</i>	0.015780254	0.028315419	0.734823241	1
CAD	macrophage	<i>ZNF843</i>	0.013946474	0.044669574	0.734823241	1
CAD	macrophage	<i>C2orf72</i>	0.018967988	0.017660683	0.734823241	1
CAD	macrophage	<i>ATOH7</i>	0.055992748	0.043329037	0.734823241	1
CAD	macrophage	<i>AC010536.1</i>	0.07032387	0.041556624	0.734823241	1
CAD	macrophage	<i>ADAD2</i>	0.006223636	0.003933454	0.734823241	1
CAD	macrophage	<i>PDE6H</i>	0.009315489	0.003645339	0.734823241	1
CAD	macrophage	<i>AMY2A</i>	0.011744261	0.02112196	0.734823241	1
CAD	macrophage	<i>HCG22</i>	0.004216308	0.037532441	0.734823241	1
CAD	macrophage	<i>NKX6-1</i>	0.006183101	0.017191509	0.734823241	1
CAD	mast_cell	<i>ABCG8</i>	0.016118268	0.036603757	0.999709037	1
CAD	mast_cell	<i>ACO2</i>	-0.005862216	0.035632367	0.999709037	1
CAD	mast_cell	<i>ACOT2</i>	0.008477206	0.022819193	0.999709037	1
CAD	mast_cell	<i>AMACR</i>	0.017183205	0.042228633	0.999709037	1
CAD	mast_cell	<i>ANKS1A</i>	0.00158478	0.017391632	0.999709037	1
CAD	mast_cell	<i>ARHGAP11A</i>	0.010962599	0.038543956	0.999709037	1

CAD	mast_cell	<i>ATXN3</i>	0.00161772	0.022954044	0.999709037	1
CAD	mast_cell	<i>BEAN1</i>	-0.006248779	0.014480111	0.999709037	1
CAD	mast_cell	<i>CARS</i>	0.005793341	0.039524871	0.999709037	1
CAD	mast_cell	<i>CASC15</i>	-0.002580864	0.012802505	0.999709037	1
CAD	mast_cell	<i>CATSPERB</i>	0.002285585	0.044448346	0.999709037	1
CAD	mast_cell	<i>CFL2</i>	-0.007065967	0.01408136	0.999709037	1
CAD	mast_cell	<i>CHST8</i>	0.008507245	0.045609413	0.999709037	1
CAD	mast_cell	<i>CNGA1</i>	-0.004643729	0.025957247	0.999709037	1
CAD	mast_cell	<i>COL25A1</i>	-0.000633072	0.03606681	0.999709037	1
CAD	mast_cell	<i>COL4A3</i>	0.00635368	0.044523544	0.999709037	1
CAD	mast_cell	<i>CSGALNACT1</i>	0.001165125	0.046604913	0.999709037	1
CAD	mast_cell	<i>DDX1</i>	0.002275473	0.044466958	0.999709037	1
CAD	mast_cell	<i>DFNA5</i>	0.0098202	0.028823804	0.999709037	1
CAD	mast_cell	<i>DPP9</i>	0.005277102	0.030141605	0.999709037	1
CAD	mast_cell	<i>DPY19L2</i>	-0.00162141	0.04961192	0.999709037	1
CAD	mast_cell	<i>DTX1</i>	0.00830295	0.006980913	0.999709037	1
CAD	mast_cell	<i>DVL3</i>	-0.004293969	0.03445119	0.999709037	1
CAD	mast_cell	<i>EFEMP1</i>	0.001632206	0.040534449	0.999709037	1
CAD	mast_cell	<i>ENOX1</i>	-0.00159038	0.034445857	0.999709037	1
CAD	mast_cell	<i>ENPEP</i>	-0.002635997	0.047365993	0.999709037	1
CAD	mast_cell	<i>EPB41L4A</i>	0.001519896	0.031328075	0.999709037	1
CAD	mast_cell	<i>FAM162B</i>	-0.00428152	0.008202471	0.999709037	1
CAD	mast_cell	<i>FAM169A</i>	0.004418292	0.044620203	0.999709037	1
CAD	mast_cell	<i>FGFR3</i>	0.027781235	0.032905283	0.999709037	1
CAD	mast_cell	<i>FLRT2</i>	0.001247396	0.046646067	0.999709037	1
CAD	mast_cell	<i>FOLR3</i>	-0.025694914	0.003820611	0.999709037	1
CAD	mast_cell	<i>FOXP2</i>	0.001659335	0.019978393	0.999709037	1
CAD	mast_cell	<i>FRMD3</i>	-0.001857764	0.023371391	0.999709037	1
CAD	mast_cell	<i>GAL</i>	-0.017895636	0.02121869	0.999709037	1
CAD	mast_cell	<i>GALK1</i>	-0.010485258	0.011300331	0.999709037	1
CAD	mast_cell	<i>GDF6</i>	0.01920751	0.034369166	0.999709037	1
CAD	mast_cell	<i>GDPD5</i>	0.008167696	0.007410461	0.999709037	1
CAD	mast_cell	<i>GOLGA8M</i>	0.017416693	0.015579823	0.999709037	1
CAD	mast_cell	<i>GPN2</i>	0.006362898	0.031482131	0.999709037	1
CAD	mast_cell	<i>HEATR4</i>	0.00750532	0.017612365	0.999709037	1
CAD	mast_cell	<i>HMG20A</i>	0.004446985	0.002573616	0.999709037	1
CAD	mast_cell	<i>HSD17B12</i>	0.004880283	0.03427955	0.999709037	1
CAD	mast_cell	<i>LINC00959</i>	-0.005288943	0.040667465	0.999709037	1
CAD	mast_cell	<i>LINC00989</i>	-0.001960828	0.03545409	0.999709037	1
CAD	mast_cell	<i>LMX1B</i>	0.017032046	0.03246255	0.999709037	1
CAD	mast_cell	<i>LTF</i>	0.01538381	0.042128675	0.999709037	1
CAD	mast_cell	<i>LZTR1</i>	-0.006786276	0.041848462	0.999709037	1
CAD	mast_cell	<i>MDFIC</i>	0.001709976	0.01106161	0.999709037	1
CAD	mast_cell	<i>MIER1</i>	0.001598902	0.040072446	0.999709037	1
CAD	mast_cell	<i>MLIP</i>	-0.014752399	0.021716717	0.999709037	1
CAD	mast_cell	<i>MMP16</i>	0.002467525	0.046794386	0.999709037	1
CAD	mast_cell	<i>MPZL3</i>	0.004006606	0.038728722	0.999709037	1
CAD	mast_cell	<i>MRPS23</i>	0.011288868	0.039767471	0.999709037	1
CAD	mast_cell	<i>MTPAP</i>	0.007194684	0.00021381	0.999709037	1
CAD	mast_cell	<i>MUM1</i>	0.003398866	0.048323202	0.999709037	1
CAD	mast_cell	<i>NDUFAF4</i>	-0.005329712	0.007558379	0.999709037	1
CAD	mast_cell	<i>NFIC</i>	0.00229433	0.034043672	0.999709037	1

CAD	mast_cell	<i>NME7</i>	0.002184297	0.049021096	0.999709037	1
CAD	mast_cell	<i>NOM1</i>	0.004504326	0.004850121	0.999709037	1
CAD	mast_cell	<i>NOV</i>	0.007787666	0.047023417	0.999709037	1
CAD	mast_cell	<i>NPHP4</i>	-0.00771991	0.024911864	0.999709037	1
CAD	mast_cell	<i>NSA2</i>	0.005471956	0.042963916	0.999709037	1
CAD	mast_cell	<i>NUDT2</i>	0.010949781	0.000582278	0.999709037	1
CAD	mast_cell	<i>ODF2</i>	0.004127029	0.006536859	0.999709037	1
CAD	mast_cell	<i>ODF2L</i>	0.003178147	0.001559749	0.999709037	1
CAD	mast_cell	<i>PCLO</i>	0.003642439	0.033978469	0.999709037	1
CAD	mast_cell	<i>PDCD10</i>	0.002795721	0.01031048	0.999709037	1
CAD	mast_cell	<i>PHYH</i>	0.007479279	0.040736889	0.999709037	1
CAD	mast_cell	<i>POC1B</i>	0.003988585	0.030090999	0.999709037	1
CAD	mast_cell	<i>POLM</i>	0.00771953	0.026147075	0.999709037	1
CAD	mast_cell	<i>PPP1R9A</i>	0.002162484	0.013691454	0.999709037	1
CAD	mast_cell	<i>PRMT7</i>	0.005265688	0.043113645	0.999709037	1
CAD	mast_cell	<i>PRPF38A</i>	-0.005455044	0.027391707	0.999709037	1
CAD	mast_cell	<i>PSEN2</i>	0.009600716	0.043792855	0.999709037	1
CAD	mast_cell	<i>PUS10</i>	0.006504566	0.001435995	0.999709037	1
CAD	mast_cell	<i>RAMP2-AS1</i>	0.006853889	0.026600961	0.999709037	1
CAD	mast_cell	<i>RASL11A</i>	-0.012372415	0.002901698	0.999709037	1
CAD	mast_cell	<i>RBM6</i>	0.001070694	0.04245184	0.999709037	1
CAD	mast_cell	<i>RETSAT</i>	0.002689915	0.021427834	0.999709037	1
CAD	mast_cell	<i>RGS5</i>	-0.002996191	0.023397114	0.999709037	1
CAD	mast_cell	<i>RICTOR</i>	0.001050961	0.04335257	0.999709037	1
CAD	mast_cell	<i>ROBO3</i>	0.003534209	0.049563508	0.999709037	1
CAD	mast_cell	<i>RTN1</i>	-0.001199355	0.036640576	0.999709037	1
CAD	mast_cell	<i>RTP4</i>	0.021661543	0.047391924	0.999709037	1
CAD	mast_cell	<i>SDE2</i>	0.00591892	0.0481703	0.999709037	1
CAD	mast_cell	<i>SEMA3E</i>	0.003760841	0.045050924	0.999709037	1
CAD	mast_cell	<i>SGCG</i>	0.004330421	0.034647444	0.999709037	1
CAD	mast_cell	<i>SHB</i>	0.030042559	0.011544191	0.999709037	1
CAD	mast_cell	<i>SLC17A5</i>	0.005486276	0.016672333	0.999709037	1
CAD	mast_cell	<i>SLC22A23</i>	0.001900485	0.045563645	0.999709037	1
CAD	mast_cell	<i>SLC25A23</i>	0.017929967	0.000986966	0.999709037	1
CAD	mast_cell	<i>SLC25A32</i>	0.004316125	0.02710757	0.999709037	1
CAD	mast_cell	<i>SLC26A5</i>	0.002824786	0.043740645	0.999709037	1
CAD	mast_cell	<i>SLC26A7</i>	-0.006977023	0.016172297	0.999709037	1
CAD	mast_cell	<i>SNTG2</i>	0.001098565	0.049961846	0.999709037	1
CAD	mast_cell	<i>SPATS2</i>	0.003505608	0.042914015	0.999709037	1
CAD	mast_cell	<i>SPECC1</i>	-0.001733465	0.013071177	0.999709037	1
CAD	mast_cell	<i>STEAP4</i>	-0.001373905	0.016662334	0.999709037	1
CAD	mast_cell	<i>STON2</i>	0.001278503	0.040268205	0.999709037	1
CAD	mast_cell	<i>THSD7B</i>	-0.001538584	0.010292524	0.999709037	1
CAD	mast_cell	<i>TLE1</i>	0.001793882	0.042978937	0.999709037	1
CAD	mast_cell	<i>TMC4</i>	-0.012906585	0.027028601	0.999709037	1
CAD	mast_cell	<i>TMEM199</i>	0.010104495	0.04493016	0.999709037	1
CAD	mast_cell	<i>TRIP4</i>	-0.004571945	0.034549703	0.999709037	1
CAD	mast_cell	<i>TULP4</i>	0.004612452	0.023880695	0.999709037	1
CAD	mast_cell	<i>UPK3B</i>	0.021360284	0.014556	0.999709037	1
CAD	mast_cell	<i>UQCCI</i>	0.003534993	0.002542728	0.999709037	1
CAD	mast_cell	<i>UTP15</i>	0.013893733	0.020870214	0.999709037	1
CAD	mast_cell	<i>VPS13A</i>	0.002066466	0.027662148	0.999709037	1

CAD	mast_cell	<i>VSIG10</i>	0.004710491	0.048375809	0.999709037	1
CAD	mast_cell	<i>ZNF664</i>	0.009334851	0.043815214	0.999709037	1
CAD	mast_cell	<i>ZSWIM5</i>	0.004737236	0.046711715	0.999709037	1
CAD	mast_cell	<i>OPN4</i>	-0.018149691	0.002354676	0.999709037	1
CAD	mast_cell	<i>LCN2</i>	0.010618845	0.001285474	0.999709037	1
CAD	mast_cell	<i>TBX4</i>	0.075266644	0.03828862	0.999709037	1
CAD	monocyte	<i>AC107021.1</i>	0.003498374	0.037399752	0.997029858	1
CAD	monocyte	<i>ACADS</i>	0.009821225	0.00041017	0.997029858	1
CAD	monocyte	<i>ADH1B</i>	0.001290493	0.049456141	0.997029858	1
CAD	monocyte	<i>ADIPOQ</i>	0.001887854	0.019737578	0.997029858	1
CAD	monocyte	<i>AGTR1</i>	-0.001561546	0.040792248	0.997029858	1
CAD	monocyte	<i>ANO1</i>	-0.00428627	0.038424346	0.997029858	1
CAD	monocyte	<i>ANO3</i>	-0.002343384	0.049924845	0.997029858	1
CAD	monocyte	<i>APEH</i>	0.007073776	0.037682837	0.997029858	1
CAD	monocyte	<i>ASXL2</i>	0.003018422	0.040237461	0.997029858	1
CAD	monocyte	<i>AVPR1A</i>	-0.003775715	0.026217784	0.997029858	1
CAD	monocyte	<i>C10orf25</i>	0.051712882	0.002546048	0.997029858	1
CAD	monocyte	<i>CARS</i>	0.008279932	0.003304292	0.997029858	1
CAD	monocyte	<i>CAV3</i>	0.009509726	0.033585202	0.997029858	1
CAD	monocyte	<i>CCDC71L</i>	0.008533047	0.029465957	0.997029858	1
CAD	monocyte	<i>CDH26</i>	0.011957516	0.04051488	0.997029858	1
CAD	monocyte	<i>CNGA1</i>	-0.00446807	0.032085825	0.997029858	1
CAD	monocyte	<i>COX4I2</i>	-0.005724519	0.029370478	0.997029858	1
CAD	monocyte	<i>CYP8B1</i>	0.007385739	0.016280814	0.997029858	1
CAD	monocyte	<i>DCBLD1</i>	-0.001616016	0.042320525	0.997029858	1
CAD	monocyte	<i>DFNA5</i>	0.009722022	0.03054955	0.997029858	1
CAD	monocyte	<i>DIRC3</i>	0.001485845	0.025391098	0.997029858	1
CAD	monocyte	<i>DLG5</i>	0.003913622	0.037612361	0.997029858	1
CAD	monocyte	<i>DMKN</i>	-0.011596773	0.038871746	0.997029858	1
CAD	monocyte	<i>DPY19L2</i>	-0.001903897	0.021323029	0.997029858	1
CAD	monocyte	<i>ENOX1</i>	-0.001753628	0.019699253	0.997029858	1
CAD	monocyte	<i>ENTPD5</i>	0.004498906	0.008522522	0.997029858	1
CAD	monocyte	<i>EPDR1</i>	-0.003873069	0.047293031	0.997029858	1
CAD	monocyte	<i>EPHX2</i>	0.007810885	0.044074183	0.997029858	1
CAD	monocyte	<i>FAM162B</i>	-0.003237092	0.045551576	0.997029858	1
CAD	monocyte	<i>FANCD2</i>	0.00795271	0.011385807	0.997029858	1
CAD	monocyte	<i>FAXDC2</i>	0.003185871	0.042992958	0.997029858	1
CAD	monocyte	<i>FGFBP3</i>	0.014098286	0.009754389	0.997029858	1
CAD	monocyte	<i>FOXP2</i>	0.001719899	0.015922602	0.997029858	1
CAD	monocyte	<i>GDPD5</i>	0.0086108	0.004671648	0.997029858	1
CAD	monocyte	<i>GID8</i>	0.004535224	0.012345611	0.997029858	1
CAD	monocyte	<i>GNPTG</i>	0.006996241	0.030879074	0.997029858	1
CAD	monocyte	<i>HID1</i>	0.00722955	0.035250479	0.997029858	1
CAD	monocyte	<i>HMOX2</i>	0.003072583	0.042771363	0.997029858	1
CAD	monocyte	<i>HYAL1</i>	0.012287905	0.048584822	0.997029858	1
CAD	monocyte	<i>INSIG2</i>	0.010176909	0.004158819	0.997029858	1
CAD	monocyte	<i>KCNA1</i>	0.02527519	0.00364671	0.997029858	1
CAD	monocyte	<i>KHDRBS3</i>	-0.002124524	0.031467769	0.997029858	1
CAD	monocyte	<i>KPNA4</i>	0.001895175	0.030354064	0.997029858	1
CAD	monocyte	<i>L3MBTL4</i>	0.001552877	0.030301242	0.997029858	1
CAD	monocyte	<i>LINC00342</i>	-0.005713557	0.039050753	0.997029858	1
CAD	monocyte	<i>LINC00989</i>	-0.001884159	0.043340669	0.997029858	1

CAD	monocyte	<i>MAP3K11</i>	0.007197138	0.018928976	0.997029858	1
CAD	monocyte	<i>MDFIC</i>	0.00150816	0.025327795	0.997029858	1
CAD	monocyte	<i>MFN2</i>	0.008724317	0.021228326	0.997029858	1
CAD	monocyte	<i>MROH7</i>	0.01868763	0.03113403	0.997029858	1
CAD	monocyte	<i>MRPS26</i>	0.006664115	0.034181977	0.997029858	1
CAD	monocyte	<i>MTMR12</i>	0.006700515	0.031059633	0.997029858	1
CAD	monocyte	<i>MTMR6</i>	0.008292737	0.026496032	0.997029858	1
CAD	monocyte	<i>NEFH</i>	-0.039658257	0.008825136	0.997029858	1
CAD	monocyte	<i>NFXL1</i>	0.006575366	0.014541203	0.997029858	1
CAD	monocyte	<i>OGDHL</i>	0.011135644	0.044178098	0.997029858	1
CAD	monocyte	<i>PDE1B</i>	-0.006668707	0.006882353	0.997029858	1
CAD	monocyte	<i>PEMT</i>	0.01044999	0.008605332	0.997029858	1
CAD	monocyte	<i>PHLPP2</i>	0.005422709	0.036971876	0.997029858	1
CAD	monocyte	<i>PIK3R4</i>	0.003755233	0.01020205	0.997029858	1
CAD	monocyte	<i>PILRB</i>	-0.004438073	0.022608482	0.997029858	1
CAD	monocyte	<i>PPHLN1</i>	0.002172362	0.016798858	0.997029858	1
CAD	monocyte	<i>PPP1R9A</i>	0.001743009	0.046845558	0.997029858	1
CAD	monocyte	<i>PRDM5</i>	0.003880435	0.043365412	0.997029858	1
CAD	monocyte	<i>RBM6</i>	0.00110827	0.03573675	0.997029858	1
CAD	monocyte	<i>RDH5</i>	0.002075706	0.028575612	0.997029858	1
CAD	monocyte	<i>RECQL5</i>	0.009815606	0.034474964	0.997029858	1
CAD	monocyte	<i>RETSAT</i>	0.002366493	0.042991991	0.997029858	1
CAD	monocyte	<i>RGS5</i>	-0.002852043	0.03089695	0.997029858	1
CAD	monocyte	<i>Sep-04</i>	-0.005870899	0.028165333	0.997029858	1
CAD	monocyte	<i>SH2D3A</i>	-0.006182007	0.048214235	0.997029858	1
CAD	monocyte	<i>SLC25A16</i>	0.003762893	0.040145588	0.997029858	1
CAD	monocyte	<i>SLC25A23</i>	0.011957181	0.030118207	0.997029858	1
CAD	monocyte	<i>SLC26A8</i>	0.018793101	0.016161277	0.997029858	1
CAD	monocyte	<i>SLC35F1</i>	-0.003576242	0.030023689	0.997029858	1
CAD	monocyte	<i>SMAD5</i>	0.003096109	0.021126317	0.997029858	1
CAD	monocyte	<i>SP1</i>	-0.003877357	0.007086546	0.997029858	1
CAD	monocyte	<i>SPATA7</i>	0.004051484	0.033121407	0.997029858	1
CAD	monocyte	<i>SPDYE1</i>	0.010379558	0.049884623	0.997029858	1
CAD	monocyte	<i>TDRD10</i>	0.00372345	0.045371177	0.997029858	1
CAD	monocyte	<i>TMEM132B</i>	0.016035559	0.033591013	0.997029858	1
CAD	monocyte	<i>TRMT44</i>	0.006047203	0.021739214	0.997029858	1
CAD	monocyte	<i>UGP2</i>	0.002079977	0.018086681	0.997029858	1
CAD	monocyte	<i>VAMP4</i>	0.005806293	0.025409094	0.997029858	1
CAD	monocyte	<i>VSIG10</i>	0.006054822	0.011288138	0.997029858	1
CAD	monocyte	<i>ZBTB49</i>	0.00740398	0.013488011	0.997029858	1
CAD	monocyte	<i>ZKSCAN1</i>	0.002876721	0.04807811	0.997029858	1
CAD	monocyte	<i>ZNF260</i>	0.005140739	0.032930001	0.997029858	1
CAD	monocyte	<i>ZNF483</i>	0.007803204	0.012185715	0.997029858	1
CAD	monocyte	<i>ZNF554</i>	0.012741616	0.022012401	0.997029858	1
CAD	monocyte	<i>ZNF586</i>	0.00747484	0.001705996	0.997029858	1
CAD	monocyte	<i>HES5</i>	0.01342963	0.014826775	0.997029858	1
CAD	neutrophil	<i>A4GALT</i>	0.006424002	0.025461678	0.914015593	1
CAD	neutrophil	<i>ABCG1</i>	0.003848736	0.040456755	0.914015593	1
CAD	neutrophil	<i>ABHD15</i>	0.006951607	0.041114765	0.914015593	1
CAD	neutrophil	<i>ACLY</i>	0.00403204	0.018132339	0.914015593	1
CAD	neutrophil	<i>ACSM5</i>	0.008069678	0.029680734	0.914015593	1
CAD	neutrophil	<i>ADAMTS18</i>	0.004340696	0.02272021	0.914015593	1

CAD	neutrophil	<i>ADIPOQ</i>	0.002080799	0.010109047	0.914015593	1
CAD	neutrophil	<i>ADSS</i>	0.005380124	0.003894033	0.914015593	1
CAD	neutrophil	<i>ATF6</i>	0.00152493	0.034287023	0.914015593	1
CAD	neutrophil	<i>BAK1</i>	0.016115694	0.032085316	0.914015593	1
CAD	neutrophil	<i>C12orf73</i>	0.00691892	0.021267209	0.914015593	1
CAD	neutrophil	<i>C16orf91</i>	0.015628139	0.025315123	0.914015593	1
CAD	neutrophil	<i>C17orf49</i>	0.028951029	0.02296069	0.914015593	1
CAD	neutrophil	<i>C1orf21</i>	0.001251172	0.011124664	0.914015593	1
CAD	neutrophil	<i>C20orf203</i>	0.026803785	0.031713253	0.914015593	1
CAD	neutrophil	<i>CARD10</i>	0.009513425	0.030200473	0.914015593	1
CAD	neutrophil	<i>CATSPERB</i>	0.002375316	0.036555178	0.914015593	1
CAD	neutrophil	<i>CCDC146</i>	0.002685397	0.009170855	0.914015593	1
CAD	neutrophil	<i>CD4</i>	-0.00249486	0.023923079	0.914015593	1
CAD	neutrophil	<i>CENPO</i>	-0.009179328	0.014223031	0.914015593	1
CAD	neutrophil	<i>CHCHD2</i>	-0.002602574	0.037876929	0.914015593	1
CAD	neutrophil	<i>CHRNA7</i>	0.026378323	0.014764658	0.914015593	1
CAD	neutrophil	<i>CMBL</i>	0.005446437	0.035755923	0.914015593	1
CAD	neutrophil	<i>COL25A1</i>	-0.000610295	0.043414095	0.914015593	1
CAD	neutrophil	<i>COL8A1</i>	0.002966744	0.030112577	0.914015593	1
CAD	neutrophil	<i>CTNND2</i>	0.016868457	0.007554354	0.914015593	1
CAD	neutrophil	<i>CYP2C8</i>	0.068072817	0.009533977	0.914015593	1
CAD	neutrophil	<i>CYP8B1</i>	0.007805896	0.010974827	0.914015593	1
CAD	neutrophil	<i>DCBLD1</i>	-0.001791335	0.024665192	0.914015593	1
CAD	neutrophil	<i>DDI2</i>	0.004040004	0.031165655	0.914015593	1
CAD	neutrophil	<i>DDX23</i>	0.007776939	0.006243309	0.914015593	1
CAD	neutrophil	<i>DFNA5</i>	0.009491831	0.034479496	0.914015593	1
CAD	neutrophil	<i>DHX35</i>	0.004528085	0.047715222	0.914015593	1
CAD	neutrophil	<i>DNAH6</i>	0.007575787	0.003144516	0.914015593	1
CAD	neutrophil	<i>DPY19L2</i>	-0.001769824	0.032101462	0.914015593	1
CAD	neutrophil	<i>DTX1</i>	0.007421415	0.015468811	0.914015593	1
CAD	neutrophil	<i>EBPL</i>	0.006851245	0.048483381	0.914015593	1
CAD	neutrophil	<i>EFEMP1</i>	0.001767798	0.026632581	0.914015593	1
CAD	neutrophil	<i>ENOSF1</i>	0.002630144	0.009529423	0.914015593	1
CAD	neutrophil	<i>ENOX1</i>	-0.001572903	0.036546124	0.914015593	1
CAD	neutrophil	<i>ENPEP</i>	-0.002659061	0.045337334	0.914015593	1
CAD	neutrophil	<i>FAM161A</i>	0.013386505	0.044678706	0.914015593	1
CAD	neutrophil	<i>FAM47E</i>	0.013865988	0.034531252	0.914015593	1
CAD	neutrophil	<i>FAM89A</i>	0.008243078	0.008797493	0.914015593	1
CAD	neutrophil	<i>FBLN7</i>	0.007807356	0.022025676	0.914015593	1
CAD	neutrophil	<i>FCHSD1</i>	0.006291934	0.017666568	0.914015593	1
CAD	neutrophil	<i>FGFR1</i>	0.001614168	0.045885515	0.914015593	1
CAD	neutrophil	<i>FKTN</i>	0.003135954	0.036190181	0.914015593	1
CAD	neutrophil	<i>FLRT2</i>	0.001409745	0.024483853	0.914015593	1
CAD	neutrophil	<i>FMOD</i>	0.007005451	0.041187949	0.914015593	1
CAD	neutrophil	<i>FOXP2</i>	0.001940854	0.006465816	0.914015593	1
CAD	neutrophil	<i>GALNT1</i>	0.002871899	0.041145522	0.914015593	1
CAD	neutrophil	<i>GDPD3</i>	0.010382264	0.024411951	0.914015593	1
CAD	neutrophil	<i>GIMAP5</i>	0.006883653	0.022604846	0.914015593	1
CAD	neutrophil	<i>GOSR1</i>	0.00207231	0.040143751	0.914015593	1
CAD	neutrophil	<i>GPIBA</i>	0.014413341	0.028105174	0.914015593	1
CAD	neutrophil	<i>GRID1</i>	-0.002592457	0.03522627	0.914015593	1
CAD	neutrophil	<i>GRIN2D</i>	0.01049771	0.036185472	0.914015593	1

CAD	neutrophil	<i>H6PD</i>	0.004441208	0.030204801	0.914015593	1
CAD	neutrophil	<i>HID1</i>	0.007827317	0.022357777	0.914015593	1
CAD	neutrophil	<i>HIF3A</i>	0.002086285	0.023958004	0.914015593	1
CAD	neutrophil	<i>IFT88</i>	-0.002408902	0.019040785	0.914015593	1
CAD	neutrophil	<i>INCA1</i>	0.011700959	0.038731758	0.914015593	1
CAD	neutrophil	<i>ING5</i>	0.002699386	0.0141373	0.914015593	1
CAD	neutrophil	<i>IQCH-AS1</i>	0.004255948	0.049380307	0.914015593	1
CAD	neutrophil	<i>IRAK1BP1</i>	0.004165267	0.032811818	0.914015593	1
CAD	neutrophil	<i>ITGA2</i>	0.00981925	0.029132041	0.914015593	1
CAD	neutrophil	<i>KANK3</i>	0.002574418	0.044854078	0.914015593	1
CAD	neutrophil	<i>KCNG2</i>	0.019468249	0.007106526	0.914015593	1
CAD	neutrophil	<i>KCNN3</i>	0.004374892	0.013732269	0.914015593	1
CAD	neutrophil	<i>KLHL14</i>	0.004719593	0.020136943	0.914015593	1
CAD	neutrophil	<i>KLHL31</i>	0.004287607	0.033579549	0.914015593	1
CAD	neutrophil	<i>LINC00847</i>	0.008119641	0.034052103	0.914015593	1
CAD	neutrophil	<i>LIPT1</i>	0.007893572	0.037002019	0.914015593	1
CAD	neutrophil	<i>LRRC15</i>	0.014906664	0.009385539	0.914015593	1
CAD	neutrophil	<i>LRRC2</i>	0.006190629	0.038939277	0.914015593	1
CAD	neutrophil	<i>LRRC27</i>	0.006619123	0.042342036	0.914015593	1
CAD	neutrophil	<i>MCF2L</i>	0.003400213	0.027918073	0.914015593	1
CAD	neutrophil	<i>METTL2B</i>	0.006631025	0.044247154	0.914015593	1
CAD	neutrophil	<i>METTL4</i>	0.004162949	0.033673744	0.914015593	1
CAD	neutrophil	<i>MFF</i>	0.003451735	0.039742286	0.914015593	1
CAD	neutrophil	<i>MMP16</i>	0.003052149	0.013857692	0.914015593	1
CAD	neutrophil	<i>MMRN1</i>	0.001078738	0.012046952	0.914015593	1
CAD	neutrophil	<i>MOV10L1</i>	0.010283554	0.018410212	0.914015593	1
CAD	neutrophil	<i>MPP7</i>	0.001265376	0.024990962	0.914015593	1
CAD	neutrophil	<i>MTUS1</i>	0.002296371	0.025093813	0.914015593	1
CAD	neutrophil	<i>NEIL1</i>	0.00575443	0.033371089	0.914015593	1
CAD	neutrophil	<i>NMRK1</i>	0.004780616	0.048136575	0.914015593	1
CAD	neutrophil	<i>NPR2</i>	0.016178009	0.03296991	0.914015593	1
CAD	neutrophil	<i>NUDT7</i>	0.011810711	0.01448605	0.914015593	1
CAD	neutrophil	<i>NUP54</i>	0.00411311	0.019828666	0.914015593	1
CAD	neutrophil	<i>OOEP</i>	0.013485062	0.042311005	0.914015593	1
CAD	neutrophil	<i>P4HA3</i>	0.005333107	0.021306733	0.914015593	1
CAD	neutrophil	<i>PAPLN</i>	0.00518591	0.040186929	0.914015593	1
CAD	neutrophil	<i>PDE1B</i>	-0.006492957	0.008625411	0.914015593	1
CAD	neutrophil	<i>PDLIM4</i>	0.016292197	0.006563579	0.914015593	1
CAD	neutrophil	<i>PEPD</i>	0.003539217	0.034348397	0.914015593	1
CAD	neutrophil	<i>PEX10</i>	0.0061116	0.020716758	0.914015593	1
CAD	neutrophil	<i>PLA2G16</i>	0.003194319	0.009781203	0.914015593	1
CAD	neutrophil	<i>POLDIP2</i>	0.006646273	0.024993934	0.914015593	1
CAD	neutrophil	<i>PPFIBP1</i>	0.000780462	0.046624972	0.914015593	1
CAD	neutrophil	<i>PPP1R9A</i>	0.002462227	0.0049761	0.914015593	1
CAD	neutrophil	<i>PRKAR1B</i>	0.005027458	0.001137773	0.914015593	1
CAD	neutrophil	<i>PRSS27</i>	0.067106749	0.044820181	0.914015593	1
CAD	neutrophil	<i>PTGR2</i>	0.009435411	0.037331486	0.914015593	1
CAD	neutrophil	<i>RALGAPA1</i>	0.001073105	0.047805941	0.914015593	1
CAD	neutrophil	<i>RAPGEF4</i>	0.002292223	0.019398136	0.914015593	1
CAD	neutrophil	<i>RAPGEF6</i>	0.006091952	0.042642643	0.914015593	1
CAD	neutrophil	<i>RHOJ</i>	0.001522976	0.018321444	0.914015593	1
CAD	neutrophil	<i>RNF165</i>	0.004073021	0.01989729	0.914015593	1

CAD	neutrophil	<i>RNF212</i>	0.012271021	0.029355787	0.914015593	1
CAD	neutrophil	<i>RRM1</i>	0.005488986	0.030383001	0.914015593	1
CAD	neutrophil	<i>SAMD14</i>	0.013159784	0.041375624	0.914015593	1
CAD	neutrophil	<i>SDHA</i>	0.002939274	0.025517625	0.914015593	1
CAD	neutrophil	<i>SLC22A5</i>	0.006948194	0.026365307	0.914015593	1
CAD	neutrophil	<i>SLC26A6</i>	0.015154009	0.025232869	0.914015593	1
CAD	neutrophil	<i>SLC35F6</i>	0.008006953	0.034174657	0.914015593	1
CAD	neutrophil	<i>SNRPE</i>	0.006898536	0.006320502	0.914015593	1
CAD	neutrophil	<i>SNTG2</i>	0.001253888	0.025235027	0.914015593	1
CAD	neutrophil	<i>SPINK5</i>	0.028221706	0.028336826	0.914015593	1
CAD	neutrophil	<i>STEAP4</i>	-0.001195309	0.037372424	0.914015593	1
CAD	neutrophil	<i>SULT1C2</i>	0.019228669	0.028881092	0.914015593	1
CAD	neutrophil	<i>SULT1C4</i>	0.007056563	0.024402887	0.914015593	1
CAD	neutrophil	<i>SYDE1</i>	0.015394335	0.027817606	0.914015593	1
CAD	neutrophil	<i>SYTI</i>	0.002391734	0.04142104	0.914015593	1
CAD	neutrophil	<i>TBX1</i>	0.002611485	0.04099619	0.914015593	1
CAD	neutrophil	<i>TDRP</i>	0.004481459	0.040127912	0.914015593	1
CAD	neutrophil	<i>TEX261</i>	0.006805067	0.022664969	0.914015593	1
CAD	neutrophil	<i>TIE1</i>	0.002842859	0.030304588	0.914015593	1
CAD	neutrophil	<i>TLR3</i>	0.014365989	0.030522674	0.914015593	1
CAD	neutrophil	<i>TMEM132B</i>	0.015663912	0.039014872	0.914015593	1
CAD	neutrophil	<i>TMEM232</i>	0.007756239	0.010998494	0.914015593	1
CAD	neutrophil	<i>TRIM24</i>	0.00338093	0.039388058	0.914015593	1
CAD	neutrophil	<i>TXNL4B</i>	0.007140485	0.044514224	0.914015593	1
CAD	neutrophil	<i>UGP2</i>	0.001832902	0.037201239	0.914015593	1
CAD	neutrophil	<i>VPS13A</i>	0.002167878	0.02089938	0.914015593	1
CAD	neutrophil	<i>VSIG10</i>	0.005778311	0.01519798	0.914015593	1
CAD	neutrophil	<i>WASF3</i>	0.003092705	0.028698456	0.914015593	1
CAD	neutrophil	<i>WDR24</i>	0.009946236	0.014474299	0.914015593	1
CAD	neutrophil	<i>WFS1</i>	0.006997159	0.012294912	0.914015593	1
CAD	neutrophil	<i>WIF1</i>	0.079697457	0.035357979	0.914015593	1
CAD	neutrophil	<i>XCL2</i>	0.021914703	0.019668603	0.914015593	1
CAD	neutrophil	<i>XRN2</i>	-0.00504069	0.010402621	0.914015593	1
CAD	neutrophil	<i>ZCCHC3</i>	0.005482799	0.042113756	0.914015593	1
CAD	neutrophil	<i>ZDHHC21</i>	0.002388532	0.029591004	0.914015593	1
CAD	neutrophil	<i>ZFP41</i>	0.02680418	0.010605462	0.914015593	1
CAD	neutrophil	<i>ZNF419</i>	0.013137342	0.016141432	0.914015593	1
CAD	neutrophil	<i>ZNF446</i>	0.007418456	0.023220068	0.914015593	1
CAD	neutrophil	<i>ZNF507</i>	0.00378191	0.007293942	0.914015593	1
CAD	neutrophil	<i>ZNF567</i>	0.00768482	0.005423452	0.914015593	1
CAD	neutrophil	<i>ZNF575</i>	0.015940174	0.027542706	0.914015593	1
CAD	neutrophil	<i>ZNF717</i>	0.006297542	0.014880051	0.914015593	1
CAD	neutrophil	<i>ZNF737</i>	0.006062852	0.021076401	0.914015593	1
CAD	neutrophil	<i>ZNF738</i>	0.006247366	0.0156899	0.914015593	1
CAD	neutrophil	<i>C2orf72</i>	0.020273181	0.010628404	0.914015593	1
CAD	nk_cell	<i>ABCG1</i>	0.003914648	0.037122734	0.894131041	1
CAD	nk_cell	<i>ACSM5</i>	0.008840102	0.016692426	0.894131041	1
CAD	nk_cell	<i>ACTR5</i>	0.006068323	0.04980886	0.894131041	1
CAD	nk_cell	<i>ADD2</i>	0.007280863	0.034542318	0.894131041	1
CAD	nk_cell	<i>ADH6</i>	0.023426118	0.016842047	0.894131041	1
CAD	nk_cell	<i>ADHFE1</i>	0.003107913	0.040509647	0.894131041	1
CAD	nk_cell	<i>ADIPOQ</i>	0.001726699	0.03289061	0.894131041	1

CAD	nk_cell	<i>AKRIC2</i>	0.006118721	0.016627965	0.894131041	1
CAD	nk_cell	<i>AKRIC3</i>	0.005155595	0.027338362	0.894131041	1
CAD	nk_cell	<i>ALDH8A1</i>	0.014304172	0.022057296	0.894131041	1
CAD	nk_cell	<i>AMACR</i>	0.021779204	0.010141675	0.894131041	1
CAD	nk_cell	<i>APIAR</i>	0.003864498	0.046818151	0.894131041	1
CAD	nk_cell	<i>ATG9B</i>	0.013409927	0.047886442	0.894131041	1
CAD	nk_cell	<i>ATP10B</i>	0.012411119	0.024250232	0.894131041	1
CAD	nk_cell	<i>ATP13A1</i>	0.005484509	0.031350862	0.894131041	1
CAD	nk_cell	<i>B4GALT4</i>	0.009358548	0.016821436	0.894131041	1
CAD	nk_cell	<i>BCR</i>	0.002752508	0.017034151	0.894131041	1
CAD	nk_cell	<i>C10orf95</i>	0.019668048	0.006608387	0.894131041	1
CAD	nk_cell	<i>C17orf97</i>	0.004815388	0.036664581	0.894131041	1
CAD	nk_cell	<i>C19orf18</i>	0.011124888	0.017140765	0.894131041	1
CAD	nk_cell	<i>C19orf44</i>	0.007878096	0.046170819	0.894131041	1
CAD	nk_cell	<i>C1orf21</i>	0.000989009	0.04478213	0.894131041	1
CAD	nk_cell	<i>C2orf88</i>	0.003866705	0.031027078	0.894131041	1
CAD	nk_cell	<i>C4orf26</i>	0.044063261	0.040011561	0.894131041	1
CAD	nk_cell	<i>C9orf66</i>	0.009312765	0.016774001	0.894131041	1
CAD	nk_cell	<i>CA8</i>	0.008910062	0.042086098	0.894131041	1
CAD	nk_cell	<i>CCT3</i>	0.0048938	0.025821511	0.894131041	1
CAD	nk_cell	<i>CD27</i>	0.006964964	0.009386919	0.894131041	1
CAD	nk_cell	<i>CD302</i>	-0.007571029	0.005253959	0.894131041	1
CAD	nk_cell	<i>CELSR1</i>	0.003424684	0.048380211	0.894131041	1
CAD	nk_cell	<i>CLCNKA</i>	0.039979923	0.012292548	0.894131041	1
CAD	nk_cell	<i>CLDN10</i>	0.026679795	0.00539288	0.894131041	1
CAD	nk_cell	<i>COX11</i>	0.005861836	0.029874255	0.894131041	1
CAD	nk_cell	<i>COX6B1</i>	0.004363443	0.048787952	0.894131041	1
CAD	nk_cell	<i>CSTB</i>	0.003799571	0.024532382	0.894131041	1
CAD	nk_cell	<i>CYB5RL</i>	0.012577674	0.038627351	0.894131041	1
CAD	nk_cell	<i>CYP8B1</i>	0.00661003	0.030162777	0.894131041	1
CAD	nk_cell	<i>DCBLD1</i>	-0.001694607	0.033465513	0.894131041	1
CAD	nk_cell	<i>DDX20</i>	0.005565821	0.029893664	0.894131041	1
CAD	nk_cell	<i>DMGDH</i>	0.005363627	0.010789717	0.894131041	1
CAD	nk_cell	<i>DNAH5</i>	0.00935913	0.009547619	0.894131041	1
CAD	nk_cell	<i>DTX1</i>	0.006955827	0.022813897	0.894131041	1
CAD	nk_cell	<i>DZANK1</i>	0.00809836	0.03987745	0.894131041	1
CAD	nk_cell	<i>ECI2</i>	0.004438987	0.016218886	0.894131041	1
CAD	nk_cell	<i>EFCAB1</i>	0.062988909	0.043715274	0.894131041	1
CAD	nk_cell	<i>EIF2B2</i>	0.006898966	0.028929158	0.894131041	1
CAD	nk_cell	<i>EMP1</i>	0.001738773	0.039088395	0.894131041	1
CAD	nk_cell	<i>ENOX1</i>	-0.001533417	0.041432183	0.894131041	1
CAD	nk_cell	<i>EP300</i>	0.001943231	0.007718858	0.894131041	1
CAD	nk_cell	<i>EPS8L2</i>	0.015945912	0.012321188	0.894131041	1
CAD	nk_cell	<i>ERV3-1</i>	0.004107398	0.038786862	0.894131041	1
CAD	nk_cell	<i>EXO5</i>	0.016513455	0.022189699	0.894131041	1
CAD	nk_cell	<i>EXOC3</i>	0.0045914	0.018195805	0.894131041	1
CAD	nk_cell	<i>FAM149A</i>	0.007548098	0.036908913	0.894131041	1
CAD	nk_cell	<i>FAM162B</i>	-0.003330382	0.039763341	0.894131041	1
CAD	nk_cell	<i>FAM174B</i>	0.004936026	0.02979227	0.894131041	1
CAD	nk_cell	<i>FAM84B</i>	0.012402165	0.042274084	0.894131041	1
CAD	nk_cell	<i>FOXP2</i>	0.001536792	0.031198472	0.894131041	1
CAD	nk_cell	<i>FUT1</i>	0.023192572	0.027130793	0.894131041	1

CAD	nk_cell	<i>GALK1</i>	-0.010118561	0.015192558	0.894131041	1
CAD	nk_cell	<i>GALNT1</i>	0.0030892	0.028001024	0.894131041	1
CAD	nk_cell	<i>GOLGA6L4</i>	0.020426731	0.038481874	0.894131041	1
CAD	nk_cell	<i>GRID1</i>	-0.002568654	0.036865689	0.894131041	1
CAD	nk_cell	<i>HACE1</i>	0.002972065	0.048403973	0.894131041	1
CAD	nk_cell	<i>HKR1</i>	0.004445303	0.031034806	0.894131041	1
CAD	nk_cell	<i>INPP5B</i>	0.003460492	0.034773172	0.894131041	1
CAD	nk_cell	<i>IQCB1</i>	0.002142854	0.048680625	0.894131041	1
CAD	nk_cell	<i>ITGA2</i>	0.009256882	0.039605875	0.894131041	1
CAD	nk_cell	<i>JAKMIP3</i>	0.038585259	0.005195793	0.894131041	1
CAD	nk_cell	<i>KCNMB3</i>	0.007479731	0.029895154	0.894131041	1
CAD	nk_cell	<i>KCNN3</i>	0.004006879	0.024044688	0.894131041	1
CAD	nk_cell	<i>KIAA0753</i>	0.007004408	0.018420809	0.894131041	1
CAD	nk_cell	<i>KLHL14</i>	0.004670785	0.021630581	0.894131041	1
CAD	nk_cell	<i>KLHL3</i>	0.002479147	0.040754234	0.894131041	1
CAD	nk_cell	<i>KLKB1</i>	0.012633904	0.041918761	0.894131041	1
CAD	nk_cell	<i>LINC00847</i>	0.008321953	0.030130483	0.894131041	1
CAD	nk_cell	<i>LINC00957</i>	0.057872093	0.049065248	0.894131041	1
CAD	nk_cell	<i>LINC00989</i>	-0.002007207	0.031410969	0.894131041	1
CAD	nk_cell	<i>LINC01140</i>	-0.012583845	0.047854636	0.894131041	1
CAD	nk_cell	<i>LRRC1</i>	0.005384367	0.011149778	0.894131041	1
CAD	nk_cell	<i>MAL2</i>	0.009780962	0.035789579	0.894131041	1
CAD	nk_cell	<i>MDN1</i>	0.003132007	0.045762603	0.894131041	1
CAD	nk_cell	<i>MFAP3L</i>	0.011247381	0.026940381	0.894131041	1
CAD	nk_cell	<i>MMAB</i>	0.006588544	0.048784931	0.894131041	1
CAD	nk_cell	<i>MMACHC</i>	0.014653335	0.018283959	0.894131041	1
CAD	nk_cell	<i>MOV10L1</i>	0.010567228	0.015225631	0.894131041	1
CAD	nk_cell	<i>MTRF1L</i>	0.007336988	0.038572782	0.894131041	1
CAD	nk_cell	<i>NAA60</i>	0.008773072	0.04488744	0.894131041	1
CAD	nk_cell	<i>NALCN</i>	0.004247912	0.024710258	0.894131041	1
CAD	nk_cell	<i>NCAM2</i>	0.00644086	0.010783522	0.894131041	1
CAD	nk_cell	<i>NKTR</i>	0.001469878	0.008729954	0.894131041	1
CAD	nk_cell	<i>NLE1</i>	0.021752162	0.036679812	0.894131041	1
CAD	nk_cell	<i>NMB</i>	0.010494495	0.007876834	0.894131041	1
CAD	nk_cell	<i>NPIPA1</i>	0.010603698	0.049124005	0.894131041	1
CAD	nk_cell	<i>NUDT7</i>	0.010828404	0.024904069	0.894131041	1
CAD	nk_cell	<i>ODF2L</i>	0.002021467	0.044252772	0.894131041	1
CAD	nk_cell	<i>OSER1-AS1</i>	0.018421925	0.029658985	0.894131041	1
CAD	nk_cell	<i>PAOX</i>	-0.008283365	0.036212315	0.894131041	1
CAD	nk_cell	<i>PAPLN</i>	0.005272958	0.037120504	0.894131041	1
CAD	nk_cell	<i>PCLO</i>	0.004227116	0.013519125	0.894131041	1
CAD	nk_cell	<i>PDCD6IP</i>	0.002117605	0.021214453	0.894131041	1
CAD	nk_cell	<i>PDE1B</i>	-0.005683498	0.021400499	0.894131041	1
CAD	nk_cell	<i>PDE2A</i>	0.004301761	0.038524569	0.894131041	1
CAD	nk_cell	<i>PIP5KL1</i>	0.015645739	0.028134381	0.894131041	1
CAD	nk_cell	<i>PLRG1</i>	0.004171538	0.019301272	0.894131041	1
CAD	nk_cell	<i>POGLUT1</i>	-0.004666823	0.036890902	0.894131041	1
CAD	nk_cell	<i>PPP1R9A</i>	0.00204987	0.019351858	0.894131041	1
CAD	nk_cell	<i>PRDM5</i>	0.00474202	0.013502368	0.894131041	1
CAD	nk_cell	<i>PSD4</i>	0.00429111	0.032847492	0.894131041	1
CAD	nk_cell	<i>PSEN2</i>	0.009469244	0.04679575	0.894131041	1
CAD	nk_cell	<i>PTPN14</i>	0.001607481	0.037235503	0.894131041	1

CAD	nk_cell	<i>PYGB</i>	0.00712632	0.008053873	0.894131041	1
CAD	nk_cell	<i>RAB2B</i>	0.00626111	0.023901882	0.894131041	1
CAD	nk_cell	<i>RAPGEF4</i>	0.002430622	0.013176017	0.894131041	1
CAD	nk_cell	<i>RASGRP3</i>	0.001361826	0.041158406	0.894131041	1
CAD	nk_cell	<i>RBP4</i>	0.003275267	0.036333764	0.894131041	1
CAD	nk_cell	<i>RETSAT</i>	0.002355327	0.044009574	0.894131041	1
CAD	nk_cell	<i>RNASEH2C</i>	0.004965767	0.031755677	0.894131041	1
CAD	nk_cell	<i>RNF14</i>	0.003433469	0.034400498	0.894131041	1
CAD	nk_cell	<i>RPS6KL1</i>	0.009769373	0.003992715	0.894131041	1
CAD	nk_cell	<i>S100A1</i>	0.020108173	0.03596107	0.894131041	1
CAD	nk_cell	<i>SCRN2</i>	0.006105129	0.033824352	0.894131041	1
CAD	nk_cell	<i>SDHA</i>	0.003176217	0.015500144	0.894131041	1
CAD	nk_cell	<i>SFXN2</i>	0.00789119	0.047144437	0.894131041	1
CAD	nk_cell	<i>SH3BGR</i>	0.01348746	0.039932182	0.894131041	1
CAD	nk_cell	<i>SHB</i>	0.033697502	0.004505184	0.894131041	1
CAD	nk_cell	<i>SLC1A1</i>	0.004965521	0.049985772	0.894131041	1
CAD	nk_cell	<i>SLC35C2</i>	0.002914464	0.03652302	0.894131041	1
CAD	nk_cell	<i>SLC41A3</i>	0.007277305	0.025779127	0.894131041	1
CAD	nk_cell	<i>SLC52A3</i>	0.034577932	0.012596602	0.894131041	1
CAD	nk_cell	<i>SLCO1C1</i>	-0.009459222	0.022798208	0.894131041	1
CAD	nk_cell	<i>SLCO3A1</i>	-0.000891459	0.019551884	0.894131041	1
CAD	nk_cell	<i>SMTNL1</i>	0.013796976	0.028905387	0.894131041	1
CAD	nk_cell	<i>SNRPF</i>	0.008383659	0.038350348	0.894131041	1
CAD	nk_cell	<i>SNTG2</i>	0.001450639	0.009579759	0.894131041	1
CAD	nk_cell	<i>SPATA6L</i>	0.006386219	0.003530384	0.894131041	1
CAD	nk_cell	<i>SPECCIL</i>	-0.014864457	0.010345863	0.894131041	1
CAD	nk_cell	<i>ST8SLA2</i>	0.024089662	0.04275901	0.894131041	1
CAD	nk_cell	<i>STK33</i>	0.005922891	0.042572427	0.894131041	1
CAD	nk_cell	<i>SUCO</i>	0.002229641	0.04696243	0.894131041	1
CAD	nk_cell	<i>TAS2R4</i>	0.014445775	0.046072949	0.894131041	1
CAD	nk_cell	<i>TBX1</i>	0.002815845	0.027519675	0.894131041	1
CAD	nk_cell	<i>TEX264</i>	0.006035806	0.017707998	0.894131041	1
CAD	nk_cell	<i>TIE1</i>	0.003282596	0.012339387	0.894131041	1
CAD	nk_cell	<i>TLE6</i>	0.033301171	0.024530223	0.894131041	1
CAD	nk_cell	<i>TXNDC5</i>	0.029617275	0.038966666	0.894131041	1
CAD	nk_cell	<i>UGP2</i>	0.001767605	0.044638098	0.894131041	1
CAD	nk_cell	<i>VPS13A</i>	0.001849867	0.048753876	0.894131041	1
CAD	nk_cell	<i>WDYHV1</i>	0.011315147	0.000988983	0.894131041	1
CAD	nk_cell	<i>WEE2</i>	0.024268103	0.020356444	0.894131041	1
CAD	nk_cell	<i>WWTR1</i>	0.001577963	0.047809293	0.894131041	1
CAD	nk_cell	<i>XPNPEP3</i>	0.005032385	0.016877647	0.894131041	1
CAD	nk_cell	<i>ZC2HC1C</i>	-0.005840511	0.040875514	0.894131041	1
CAD	nk_cell	<i>ZDHHC21</i>	0.003603713	0.001042861	0.894131041	1
CAD	nk_cell	<i>ZFP28</i>	0.006548794	0.026022669	0.894131041	1
CAD	nk_cell	<i>ZFP69</i>	0.015797296	0.043359458	0.894131041	1
CAD	nk_cell	<i>ZNF117</i>	0.004045139	0.016946549	0.894131041	1
CAD	nk_cell	<i>ZNF142</i>	0.014513835	0.008342725	0.894131041	1
CAD	nk_cell	<i>ZNF195</i>	0.005006925	0.02490322	0.894131041	1
CAD	nk_cell	<i>ZNF483</i>	0.006396689	0.039815872	0.894131041	1
CAD	nk_cell	<i>ZNF570</i>	0.01424492	0.018959187	0.894131041	1
CAD	nk_cell	<i>ZNF582-AS1</i>	0.014517396	0.043624418	0.894131041	1
CAD	nk_cell	<i>ZNF592</i>	0.003935179	0.040390165	0.894131041	1

CAD	nk_cell	<i>ZNF717</i>	0.006179481	0.016742348	0.894131041	1
CAD	nk_cell	<i>C2orf72</i>	0.018827851	0.017115622	0.894131041	1
CAD	nk_cell	<i>S100A12</i>	0.04677305	0.027548312	0.894131041	1
CAD	nk_cell	<i>LILRA4</i>	0.047520315	0.039636771	0.894131041	1
CAD	pericyte	<i>ABHD12</i>	0.004869384	0.010989975	0.971041007	1
CAD	pericyte	<i>ABTB2</i>	0.005392059	0.04133759	0.971041007	1
CAD	pericyte	<i>AC105020.1</i>	0.057969661	0.017653826	0.971041007	1
CAD	pericyte	<i>ACSM5</i>	0.008533424	0.020992534	0.971041007	1
CAD	pericyte	<i>AD11</i>	-0.003819968	0.013138714	0.971041007	1
CAD	pericyte	<i>ADIPOQ</i>	0.002477721	0.00218052	0.971041007	1
CAD	pericyte	<i>APOB</i>	0.011637234	0.013235378	0.971041007	1
CAD	pericyte	<i>AQP3</i>	0.010524614	0.017420727	0.971041007	1
CAD	pericyte	<i>ASCC1</i>	0.004872457	0.04329283	0.971041007	1
CAD	pericyte	<i>ATP10B</i>	0.019301764	0.000441152	0.971041007	1
CAD	pericyte	<i>BHMT2</i>	0.006260745	0.008284997	0.971041007	1
CAD	pericyte	<i>C11orf54</i>	0.004622756	0.03668038	0.971041007	1
CAD	pericyte	<i>C1orf21</i>	0.001305843	0.007940594	0.971041007	1
CAD	pericyte	<i>C2orf88</i>	0.004069503	0.023341125	0.971041007	1
CAD	pericyte	<i>C6</i>	0.003333125	0.042271443	0.971041007	1
CAD	pericyte	<i>CARD10</i>	0.008777267	0.045559747	0.971041007	1
CAD	pericyte	<i>CARD14</i>	0.004144744	0.033259774	0.971041007	1
CAD	pericyte	<i>CDC16</i>	0.002534282	0.04355526	0.971041007	1
CAD	pericyte	<i>CDH5</i>	0.001999934	0.03933868	0.971041007	1
CAD	pericyte	<i>CHMP5</i>	0.006736171	0.040793619	0.971041007	1
CAD	pericyte	<i>COL25A1</i>	-0.000881279	0.003491942	0.971041007	1
CAD	pericyte	<i>COL8A1</i>	0.003720805	0.006521172	0.971041007	1
CAD	pericyte	<i>COQ5</i>	0.010255707	0.013849796	0.971041007	1
CAD	pericyte	<i>DHX57</i>	-0.00398295	0.032183812	0.971041007	1
CAD	pericyte	<i>DNAH6</i>	0.005653087	0.027476456	0.971041007	1
CAD	pericyte	<i>DNAJC16</i>	0.005480904	0.032002279	0.971041007	1
CAD	pericyte	<i>EFEMP1</i>	0.001757579	0.027434484	0.971041007	1
CAD	pericyte	<i>ENOSF1</i>	0.002583799	0.011056156	0.971041007	1
CAD	pericyte	<i>FAIM2</i>	0.009673316	0.048099697	0.971041007	1
CAD	pericyte	<i>FAM196A</i>	0.002538289	0.048785266	0.971041007	1
CAD	pericyte	<i>FAM84B</i>	0.012224431	0.045081581	0.971041007	1
CAD	pericyte	<i>FASN</i>	0.007375645	0.012685797	0.971041007	1
CAD	pericyte	<i>FBXW8</i>	0.002351015	0.017114937	0.971041007	1
CAD	pericyte	<i>FLRT2</i>	0.001484738	0.01787766	0.971041007	1
CAD	pericyte	<i>FOXP2</i>	0.001909224	0.007382337	0.971041007	1
CAD	pericyte	<i>FTSJ3</i>	0.006354582	0.043121494	0.971041007	1
CAD	pericyte	<i>GCSH</i>	0.015076852	0.028394383	0.971041007	1
CAD	pericyte	<i>GDPD5</i>	0.006046673	0.046921511	0.971041007	1
CAD	pericyte	<i>GLYAT</i>	0.003770205	0.021577088	0.971041007	1
CAD	pericyte	<i>GNPDA1</i>	0.004369332	0.011872885	0.971041007	1
CAD	pericyte	<i>GOLGA8M</i>	0.021319017	0.002821073	0.971041007	1
CAD	pericyte	<i>GPR180</i>	0.005271647	0.049002908	0.971041007	1
CAD	pericyte	<i>GRB14</i>	0.012176238	0.037438166	0.971041007	1
CAD	pericyte	<i>GRID1</i>	-0.00260015	0.034394455	0.971041007	1
CAD	pericyte	<i>GRPEL1</i>	-0.004462614	0.046881061	0.971041007	1
CAD	pericyte	<i>GTSF1</i>	0.020204885	0.002832561	0.971041007	1
CAD	pericyte	<i>H1FX</i>	0.004758025	0.034496961	0.971041007	1
CAD	pericyte	<i>HEPACAM</i>	0.007532276	0.016154096	0.971041007	1

CAD	pericyte	<i>HKR1</i>	0.004460577	0.03065452	0.971041007	1
CAD	pericyte	<i>IRS1</i>	0.004633602	0.00959999	0.971041007	1
CAD	pericyte	<i>KANK3</i>	0.002751076	0.031843736	0.971041007	1
CAD	pericyte	<i>KCNK1</i>	0.011452784	0.006620689	0.971041007	1
CAD	pericyte	<i>KIAA0825</i>	0.002462822	0.005143822	0.971041007	1
CAD	pericyte	<i>KLHL31</i>	0.00442667	0.028142262	0.971041007	1
CAD	pericyte	<i>LAMA4</i>	0.000997413	0.021229001	0.971041007	1
CAD	pericyte	<i>LARS</i>	0.002207145	0.017515306	0.971041007	1
CAD	pericyte	<i>LASP1</i>	0.003008925	0.00402569	0.971041007	1
CAD	pericyte	<i>LGALS2</i>	-0.008943675	0.0337505	0.971041007	1
CAD	pericyte	<i>LHCGR</i>	0.014723391	0.044493219	0.971041007	1
CAD	pericyte	<i>LIN52</i>	0.003721887	0.03438754	0.971041007	1
CAD	pericyte	<i>LINC00526</i>	0.022877896	0.007006247	0.971041007	1
CAD	pericyte	<i>LURAP1L</i>	0.003179289	0.0448861	0.971041007	1
CAD	pericyte	<i>LUZP1</i>	0.003745219	0.013220121	0.971041007	1
CAD	pericyte	<i>MDFIC</i>	0.001348838	0.045182738	0.971041007	1
CAD	pericyte	<i>MLIP</i>	-0.014209188	0.02764403	0.971041007	1
CAD	pericyte	<i>MLXIPL</i>	0.002190062	0.02294669	0.971041007	1
CAD	pericyte	<i>MTMR12</i>	0.006093798	0.049224953	0.971041007	1
CAD	pericyte	<i>MTMR6</i>	0.007387102	0.047587695	0.971041007	1
CAD	pericyte	<i>MUC4</i>	0.010969373	0.048306959	0.971041007	1
CAD	pericyte	<i>MYO7A</i>	0.008298641	0.022486172	0.971041007	1
CAD	pericyte	<i>NCAM2</i>	0.0056157	0.026104279	0.971041007	1
CAD	pericyte	<i>NDUFS1</i>	0.002285466	0.048524887	0.971041007	1
CAD	pericyte	<i>NIT1</i>	0.005051373	0.038203491	0.971041007	1
CAD	pericyte	<i>NKTR</i>	0.001160891	0.038537695	0.971041007	1
CAD	pericyte	<i>NMRK1</i>	0.005983187	0.013174876	0.971041007	1
CAD	pericyte	<i>NUDT2</i>	0.008291935	0.009210404	0.971041007	1
CAD	pericyte	<i>PCBD1</i>	0.011649655	0.039449904	0.971041007	1
CAD	pericyte	<i>PRMT7</i>	0.005801103	0.025765892	0.971041007	1
CAD	pericyte	<i>PSPH</i>	-0.005301899	0.040815065	0.971041007	1
CAD	pericyte	<i>PTPN5</i>	0.031732596	0.009642515	0.971041007	1
CAD	pericyte	<i>PYGB</i>	0.007324204	0.006453044	0.971041007	1
CAD	pericyte	<i>PYROXD2</i>	0.004419344	0.046932457	0.971041007	1
CAD	pericyte	<i>RADIL</i>	0.002943955	0.041737124	0.971041007	1
CAD	pericyte	<i>RAI14</i>	0.002498393	0.049343576	0.971041007	1
CAD	pericyte	<i>RAMP2-AS1</i>	0.006848964	0.026973845	0.971041007	1
CAD	pericyte	<i>RAPGEF4</i>	0.002390927	0.014638848	0.971041007	1
CAD	pericyte	<i>RCHY1</i>	0.002654024	0.036148713	0.971041007	1
CAD	pericyte	<i>RCVRN</i>	0.041368606	0.039742532	0.971041007	1
CAD	pericyte	<i>RETSAT</i>	0.002931584	0.012237399	0.971041007	1
CAD	pericyte	<i>RGCC</i>	0.00243972	0.036518744	0.971041007	1
CAD	pericyte	<i>RNF114</i>	0.004022791	0.0424602	0.971041007	1
CAD	pericyte	<i>RRP15</i>	0.004145587	0.029698072	0.971041007	1
CAD	pericyte	<i>S100B</i>	0.005074537	0.043803375	0.971041007	1
CAD	pericyte	<i>SCGN</i>	-0.017935656	0.021824671	0.971041007	1
CAD	pericyte	<i>SGCE</i>	0.003692846	0.045907524	0.971041007	1
CAD	pericyte	<i>SLC25A32</i>	0.0047258	0.015317035	0.971041007	1
CAD	pericyte	<i>SMARCD2</i>	0.004737305	0.033516567	0.971041007	1
CAD	pericyte	<i>SNRPF</i>	0.010834267	0.007387867	0.971041007	1
CAD	pericyte	<i>SNTG2</i>	0.00118652	0.034073484	0.971041007	1
CAD	pericyte	<i>SPINK5</i>	0.028247994	0.028472622	0.971041007	1

CAD	pericyte	<i>SPSB2</i>	0.007621643	0.026167277	0.971041007	1
CAD	pericyte	<i>STEAP4</i>	-0.001316737	0.021662112	0.971041007	1
CAD	pericyte	<i>STON1-GTF2A1L</i>	0.008718885	0.0496305	0.971041007	1
CAD	pericyte	<i>STOX1</i>	0.005596936	0.02588721	0.971041007	1
CAD	pericyte	<i>SULT1C2</i>	0.017674298	0.044426176	0.971041007	1
CAD	pericyte	<i>SYNGR2</i>	0.004151249	0.044240108	0.971041007	1
CAD	pericyte	<i>TADA2A</i>	0.003087612	0.018539422	0.971041007	1
CAD	pericyte	<i>TAF1C</i>	0.00729261	0.018488716	0.971041007	1
CAD	pericyte	<i>TBCD</i>	0.00290397	0.026308083	0.971041007	1
CAD	pericyte	<i>TCHH</i>	-0.026675418	0.029008897	0.971041007	1
CAD	pericyte	<i>THEM6</i>	0.018552278	0.046246201	0.971041007	1
CAD	pericyte	<i>THSD7B</i>	-0.001304713	0.029424134	0.971041007	1
CAD	pericyte	<i>TICAM2</i>	0.032389283	0.046381003	0.971041007	1
CAD	pericyte	<i>TIE1</i>	0.002846309	0.029916737	0.971041007	1
CAD	pericyte	<i>TM2D3</i>	0.007337249	0.011923406	0.971041007	1
CAD	pericyte	<i>TMEM183A</i>	0.006552227	0.046597723	0.971041007	1
CAD	pericyte	<i>TMEM232</i>	0.006643721	0.029804058	0.971041007	1
CAD	pericyte	<i>TPRG1L</i>	0.015729668	0.046635807	0.971041007	1
CAD	pericyte	<i>TRIM66</i>	0.005921365	0.041016301	0.971041007	1
CAD	pericyte	<i>TTPA</i>	0.010293914	0.038038657	0.971041007	1
CAD	pericyte	<i>TXNL4B</i>	0.008150402	0.021670567	0.971041007	1
CAD	pericyte	<i>UBQLN1</i>	0.002776983	0.006463555	0.971041007	1
CAD	pericyte	<i>UPK3B</i>	0.019212157	0.027751275	0.971041007	1
CAD	pericyte	<i>UTS2B</i>	0.016987022	0.034698909	0.971041007	1
CAD	pericyte	<i>VSIG10</i>	0.004993423	0.036145022	0.971041007	1
CAD	pericyte	<i>WDPCP</i>	0.001255779	0.032909094	0.971041007	1
CAD	pericyte	<i>WFS1</i>	0.006893618	0.013556873	0.971041007	1
CAD	pericyte	<i>WNT16</i>	0.018189552	0.033554669	0.971041007	1
CAD	pericyte	<i>YBEY</i>	0.010570397	0.019792073	0.971041007	1
CAD	pericyte	<i>ZDHHC21</i>	0.002714903	0.013761881	0.971041007	1
CAD	pericyte	<i>ZNF117</i>	0.003550674	0.035826056	0.971041007	1
CAD	pericyte	<i>ZNF208</i>	0.00484728	0.018819575	0.971041007	1
CAD	pericyte	<i>ZNF229</i>	0.05164871	0.023636271	0.971041007	1
CAD	pericyte	<i>SP6</i>	0.011748263	0.047536282	0.971041007	1
CAD	pericyte	<i>KLHDC7A</i>	0.061983329	0.026453078	0.971041007	1
CAD	pericyte	<i>PRG2</i>	0.005682341	0.00911558	0.971041007	1
CAD	pericyte	<i>ADAD2</i>	0.004465927	0.038919204	0.971041007	1
T2DM	adipocyte	<i>ABCA8</i>	0.001118883	0.00518513	0.999371014	1
T2DM	adipocyte	<i>ACSS3</i>	0.001936989	0.022238407	0.999371014	1
T2DM	adipocyte	<i>ACTN4</i>	-0.001913495	0.010876995	0.999371014	1
T2DM	adipocyte	<i>ACTR3B</i>	-0.00366624	0.047396173	0.999371014	1
T2DM	adipocyte	<i>ADAM33</i>	0.002975575	0.020745491	0.999371014	1
T2DM	adipocyte	<i>ADAMTS12</i>	0.000956542	0.030483974	0.999371014	1
T2DM	adipocyte	<i>ADAMTS6</i>	0.002185514	0.046109459	0.999371014	1
T2DM	adipocyte	<i>ADAMTSL3</i>	0.001536617	0.011247497	0.999371014	1
T2DM	adipocyte	<i>ADH1B</i>	0.001226814	0.014474105	0.999371014	1
T2DM	adipocyte	<i>ADSS</i>	-0.00345046	0.014874748	0.999371014	1
T2DM	adipocyte	<i>AGTPBP1</i>	-0.001580148	0.012688153	0.999371014	1
T2DM	adipocyte	<i>AH11</i>	0.000943397	0.031485582	0.999371014	1
T2DM	adipocyte	<i>ALG8</i>	-0.002696454	0.016917121	0.999371014	1
T2DM	adipocyte	<i>ANGEL2</i>	0.002349697	0.004774797	0.999371014	1
T2DM	adipocyte	<i>ANGPT4</i>	-0.004564142	0.03660959	0.999371014	1

T2DM	adipocyte	<i>AOAH</i>	-0.000427766	0.048236945	0.999371014	1
T2DM	adipocyte	<i>AP001007.1</i>	0.016228595	0.029883751	0.999371014	1
T2DM	adipocyte	<i>ARPC5</i>	-0.001748754	0.039685169	0.999371014	1
T2DM	adipocyte	<i>ATG14</i>	0.002237618	0.046812714	0.999371014	1
T2DM	adipocyte	<i>ATP10D</i>	-0.00292469	0.004680963	0.999371014	1
T2DM	adipocyte	<i>ATP6V1D</i>	0.003901241	0.043793536	0.999371014	1
T2DM	adipocyte	<i>ATP8A1</i>	-0.001543589	0.007390449	0.999371014	1
T2DM	adipocyte	<i>ATP9A</i>	0.00207173	0.016074858	0.999371014	1
T2DM	adipocyte	<i>AVPR1A</i>	-0.002706305	0.037328868	0.999371014	1
T2DM	adipocyte	<i>BEANI</i>	0.004529302	0.021274677	0.999371014	1
T2DM	adipocyte	<i>BICC1</i>	0.001170655	0.022178258	0.999371014	1
T2DM	adipocyte	<i>BOC</i>	0.002699886	0.005883952	0.999371014	1
T2DM	adipocyte	<i>BOK</i>	0.00553465	0.012113889	0.999371014	1
T2DM	adipocyte	<i>BTN3A1</i>	-0.001828854	0.03662378	0.999371014	1
T2DM	adipocyte	<i>C17orf107</i>	0.03614743	0.043165487	0.999371014	1
T2DM	adipocyte	<i>C17orf49</i>	0.028270713	0.003100465	0.999371014	1
T2DM	adipocyte	<i>C17orf58</i>	0.004257073	0.031156339	0.999371014	1
T2DM	adipocyte	<i>C2CD2</i>	0.002628587	0.019594947	0.999371014	1
T2DM	adipocyte	<i>C7</i>	0.004625643	0.049953497	0.999371014	1
T2DM	adipocyte	<i>CA12</i>	0.008951932	0.042159272	0.999371014	1
T2DM	adipocyte	<i>CAMLG</i>	0.002988406	0.042151966	0.999371014	1
T2DM	adipocyte	<i>CASP1</i>	-0.004922271	0.003584098	0.999371014	1
T2DM	adipocyte	<i>CCDC117</i>	-0.007446825	0.006164458	0.999371014	1
T2DM	adipocyte	<i>CCDC154</i>	0.00784353	0.01125179	0.999371014	1
T2DM	adipocyte	<i>CCDC88C</i>	-0.00118588	0.018297259	0.999371014	1
T2DM	adipocyte	<i>CD1E</i>	0.019680213	0.014979106	0.999371014	1
T2DM	adipocyte	<i>CD27</i>	0.005013111	0.014833832	0.999371014	1
T2DM	adipocyte	<i>CD52</i>	-0.002544219	0.027143751	0.999371014	1
T2DM	adipocyte	<i>CDH6</i>	-0.001256384	0.044567374	0.999371014	1
T2DM	adipocyte	<i>CDON</i>	0.001513419	0.0493131	0.999371014	1
T2DM	adipocyte	<i>CENPK</i>	-0.003622534	0.046481	0.999371014	1
T2DM	adipocyte	<i>CEP76</i>	0.004747508	0.031535291	0.999371014	1
T2DM	adipocyte	<i>CLMN</i>	-0.000981481	0.024557277	0.999371014	1
T2DM	adipocyte	<i>CNOT6L</i>	-0.001437865	0.025863939	0.999371014	1
T2DM	adipocyte	<i>COL12A1</i>	0.001739749	0.020927875	0.999371014	1
T2DM	adipocyte	<i>COL21A1</i>	-0.002978785	0.030478468	0.999371014	1
T2DM	adipocyte	<i>CORO1A</i>	-0.003081732	0.045862602	0.999371014	1
T2DM	adipocyte	<i>COX4I2</i>	0.005129648	0.011176225	0.999371014	1
T2DM	adipocyte	<i>CTNNA3</i>	-0.001026004	0.021918617	0.999371014	1
T2DM	adipocyte	<i>CTSW</i>	-0.002250223	0.048830818	0.999371014	1
T2DM	adipocyte	<i>CUL3</i>	-0.001720386	0.037163919	0.999371014	1
T2DM	adipocyte	<i>CYB5R2</i>	-0.014633369	0.019019044	0.999371014	1
T2DM	adipocyte	<i>CYBA</i>	-0.001284047	0.011180069	0.999371014	1
T2DM	adipocyte	<i>CYBRD1</i>	0.002127533	0.047506964	0.999371014	1
T2DM	adipocyte	<i>CYTH1</i>	-0.000884265	0.026273458	0.999371014	1
T2DM	adipocyte	<i>DADI</i>	-0.004318659	0.004312266	0.999371014	1
T2DM	adipocyte	<i>DCLRE1A</i>	0.01132993	0.024248724	0.999371014	1
T2DM	adipocyte	<i>DENND4C</i>	0.001305234	0.034750475	0.999371014	1
T2DM	adipocyte	<i>DNAJC13</i>	-0.001661702	0.026366772	0.999371014	1
T2DM	adipocyte	<i>DNAJC6</i>	-0.005735172	0.010849402	0.999371014	1
T2DM	adipocyte	<i>DOCK7</i>	0.002246922	0.035102055	0.999371014	1
T2DM	adipocyte	<i>DPYSL4</i>	-0.005245284	0.026925188	0.999371014	1

T2DM	adipocyte	<i>ECM2</i>	0.002625061	0.002100231	0.999371014	1
T2DM	adipocyte	<i>EFEMP1</i>	0.001459921	0.016547107	0.999371014	1
T2DM	adipocyte	<i>EFTUD2</i>	-0.002720472	0.015536432	0.999371014	1
T2DM	adipocyte	<i>ENOSF1</i>	0.002064444	0.008042804	0.999371014	1
T2DM	adipocyte	<i>ERMAP</i>	0.005153739	0.041654948	0.999371014	1
T2DM	adipocyte	<i>EVL</i>	-0.001295515	0.023436272	0.999371014	1
T2DM	adipocyte	<i>FAM114A1</i>	0.002390974	0.049174695	0.999371014	1
T2DM	adipocyte	<i>FAM169A</i>	-0.004567414	0.006208054	0.999371014	1
T2DM	adipocyte	<i>FAM47E-STBD1</i>	0.019689974	0.002465011	0.999371014	1
T2DM	adipocyte	<i>FAP</i>	0.004635343	0.048061335	0.999371014	1
T2DM	adipocyte	<i>FBLN1</i>	0.0014139	0.030986343	0.999371014	1
T2DM	adipocyte	<i>FBLN5</i>	0.00159523	0.039528683	0.999371014	1
T2DM	adipocyte	<i>FEZ2</i>	-0.000988283	0.035664751	0.999371014	1
T2DM	adipocyte	<i>FLRT2</i>	0.001112836	0.020078602	0.999371014	1
T2DM	adipocyte	<i>FNBP1</i>	-0.000833993	0.048912795	0.999371014	1
T2DM	adipocyte	<i>FOXP2</i>	0.00116123	0.032940063	0.999371014	1
T2DM	adipocyte	<i>FSTL1</i>	0.001177384	0.012999972	0.999371014	1
T2DM	adipocyte	<i>GALNS</i>	0.005834603	0.019071806	0.999371014	1
T2DM	adipocyte	<i>GALR1</i>	0.014821766	0.006273241	0.999371014	1
T2DM	adipocyte	<i>GATAD2A</i>	-0.002045631	0.02653956	0.999371014	1
T2DM	adipocyte	<i>GDPD5</i>	0.004701583	0.043471105	0.999371014	1
T2DM	adipocyte	<i>GFOD1</i>	-0.001643672	0.036321997	0.999371014	1
T2DM	adipocyte	<i>GGH</i>	0.009373367	0.044288911	0.999371014	1
T2DM	adipocyte	<i>GHR</i>	0.000825937	0.048415713	0.999371014	1
T2DM	adipocyte	<i>GLRX</i>	0.001663693	0.031364246	0.999371014	1
T2DM	adipocyte	<i>GLS</i>	-0.000842892	0.0369874	0.999371014	1
T2DM	adipocyte	<i>GM2A</i>	-0.002675614	0.046248558	0.999371014	1
T2DM	adipocyte	<i>GOLIM4</i>	0.003495331	0.013348007	0.999371014	1
T2DM	adipocyte	<i>GPR35</i>	-0.019772394	0.012570565	0.999371014	1
T2DM	adipocyte	<i>GREB1L</i>	0.002030829	0.028987548	0.999371014	1
T2DM	adipocyte	<i>GRIN2A</i>	-0.0033173	0.03052546	0.999371014	1
T2DM	adipocyte	<i>GSAP</i>	-0.001276135	0.013084209	0.999371014	1
T2DM	adipocyte	<i>GXYLT2</i>	0.00376609	0.021361776	0.999371014	1
T2DM	adipocyte	<i>HLA-A</i>	-0.000811957	0.045598127	0.999371014	1
T2DM	adipocyte	<i>HLA-B</i>	-0.000725779	0.013452364	0.999371014	1
T2DM	adipocyte	<i>HLA-C</i>	-0.001047182	0.014134525	0.999371014	1
T2DM	adipocyte	<i>HLA-E</i>	-0.001234305	0.019965306	0.999371014	1
T2DM	adipocyte	<i>HLA-F</i>	-0.002381676	0.018468881	0.999371014	1
T2DM	adipocyte	<i>HOPX</i>	-0.010757199	0.006716485	0.999371014	1
T2DM	adipocyte	<i>ICAM2</i>	-0.002911902	0.048517456	0.999371014	1
T2DM	adipocyte	<i>IFNAR2</i>	-0.00138075	0.0189337	0.999371014	1
T2DM	adipocyte	<i>IL32</i>	-0.00307917	0.037786797	0.999371014	1
T2DM	adipocyte	<i>INPP4A</i>	-0.001473529	0.005853314	0.999371014	1
T2DM	adipocyte	<i>IQGAP1</i>	-0.001015756	0.013228725	0.999371014	1
T2DM	adipocyte	<i>ITGA4</i>	-0.000828526	0.032471135	0.999371014	1
T2DM	adipocyte	<i>ITGB2</i>	-0.00175599	0.037257794	0.999371014	1
T2DM	adipocyte	<i>KCNB2</i>	0.002759758	0.007469517	0.999371014	1
T2DM	adipocyte	<i>KCNIP4</i>	0.002499191	0.028423384	0.999371014	1
T2DM	adipocyte	<i>KIAA0040</i>	-0.003533799	0.002632638	0.999371014	1
T2DM	adipocyte	<i>KIAA1109</i>	-0.001666476	0.008990791	0.999371014	1
T2DM	adipocyte	<i>KLRD1</i>	-0.001040276	0.033476078	0.999371014	1
T2DM	adipocyte	<i>LAMA4</i>	0.000831877	0.011875801	0.999371014	1

T2DM	adipocyte	<i>LAPTM5</i>	-0.001977749	0.027874866	0.999371014	1
T2DM	adipocyte	<i>LBH</i>	-0.002196579	0.009610469	0.999371014	1
T2DM	adipocyte	<i>LCLAT1</i>	-0.002334717	0.043090843	0.999371014	1
T2DM	adipocyte	<i>LDB3</i>	-0.002205007	0.043402528	0.999371014	1
T2DM	adipocyte	<i>LGR5</i>	-0.011936301	0.025898443	0.999371014	1
T2DM	adipocyte	<i>LINC00648</i>	0.008481834	0.001073005	0.999371014	1
T2DM	adipocyte	<i>LMO3</i>	0.001613027	0.028342484	0.999371014	1
T2DM	adipocyte	<i>LMX1A</i>	0.004146221	0.033326549	0.999371014	1
T2DM	adipocyte	<i>LRRC2</i>	0.005174454	0.023622009	0.999371014	1
T2DM	adipocyte	<i>LSAMP</i>	0.002940147	0.045112387	0.999371014	1
T2DM	adipocyte	<i>LYSMD4</i>	0.005829793	0.004656372	0.999371014	1
T2DM	adipocyte	<i>MAP3K5</i>	-0.001041476	0.031296048	0.999371014	1
T2DM	adipocyte	<i>MBNL1</i>	-0.000670404	0.021278848	0.999371014	1
T2DM	adipocyte	<i>MDGA1</i>	-0.007442491	0.036474566	0.999371014	1
T2DM	adipocyte	<i>ME3</i>	0.003383718	0.032625233	0.999371014	1
T2DM	adipocyte	<i>MEST</i>	0.002422171	0.011123559	0.999371014	1
T2DM	adipocyte	<i>MGST1</i>	0.00124552	0.003348461	0.999371014	1
T2DM	adipocyte	<i>MMP16</i>	0.001966427	0.037999273	0.999371014	1
T2DM	adipocyte	<i>MRC2</i>	0.001946998	0.031174634	0.999371014	1
T2DM	adipocyte	<i>MRPL34</i>	-0.004594629	0.033534001	0.999371014	1
T2DM	adipocyte	<i>MRPS23</i>	0.009830326	0.018862116	0.999371014	1
T2DM	adipocyte	<i>MTHFD1</i>	0.00331136	0.030177098	0.999371014	1
T2DM	adipocyte	<i>NBN</i>	-0.002708394	0.0163432	0.999371014	1
T2DM	adipocyte	<i>NDUFA6</i>	0.003957244	0.040221888	0.999371014	1
T2DM	adipocyte	<i>NEK11</i>	0.002557038	0.039412366	0.999371014	1
T2DM	adipocyte	<i>NFIX</i>	0.002635274	0.034395299	0.999371014	1
T2DM	adipocyte	<i>NIPAL3</i>	-0.001991405	0.048769053	0.999371014	1
T2DM	adipocyte	<i>NOD1</i>	0.001465611	0.019766414	0.999371014	1
T2DM	adipocyte	<i>NOM1</i>	0.002465988	0.04372101	0.999371014	1
T2DM	adipocyte	<i>NPC1</i>	-0.002881241	0.006328819	0.999371014	1
T2DM	adipocyte	<i>NRXN2</i>	-0.010446371	0.003136505	0.999371014	1
T2DM	adipocyte	<i>NSA2</i>	-0.004772384	0.020043994	0.999371014	1
T2DM	adipocyte	<i>NUP88</i>	-0.001750658	0.036727022	0.999371014	1
T2DM	adipocyte	<i>OAF</i>	0.002343443	0.04790444	0.999371014	1
T2DM	adipocyte	<i>OGN</i>	0.003874843	0.010167649	0.999371014	1
T2DM	adipocyte	<i>OVCH1-AS1</i>	-0.003308591	0.030878679	0.999371014	1
T2DM	adipocyte	<i>PARM1</i>	-0.001892781	0.02022306	0.999371014	1
T2DM	adipocyte	<i>PATL2</i>	-0.002444874	0.046249044	0.999371014	1
T2DM	adipocyte	<i>PBX1</i>	0.000689646	0.04295044	0.999371014	1
T2DM	adipocyte	<i>PCDHB15</i>	-0.019941871	0.028960411	0.999371014	1
T2DM	adipocyte	<i>PCGF5</i>	-0.002091821	0.033078084	0.999371014	1
T2DM	adipocyte	<i>PCOLCE2</i>	0.001392827	0.006245784	0.999371014	1
T2DM	adipocyte	<i>PCSK4</i>	0.007664833	0.048583788	0.999371014	1
T2DM	adipocyte	<i>PCSK7</i>	-0.001529331	0.027986745	0.999371014	1
T2DM	adipocyte	<i>PDE4C</i>	-0.004794409	0.027952604	0.999371014	1
T2DM	adipocyte	<i>PHLDB1</i>	0.00180813	0.010983673	0.999371014	1
T2DM	adipocyte	<i>PII6</i>	0.00290646	1.32E-05	0.079090367	0.079090367
T2DM	adipocyte	<i>PIK3R4</i>	0.002657422	0.017594662	0.999371014	1
T2DM	adipocyte	<i>PLA2G4B</i>	0.0279641	0.026550231	0.999371014	1
T2DM	adipocyte	<i>PLCB2</i>	-0.003611874	0.020031509	0.999371014	1
T2DM	adipocyte	<i>PLEKHS1</i>	0.024560407	0.033040542	0.999371014	1
T2DM	adipocyte	<i>POC5</i>	-0.002931283	0.007815667	0.999371014	1

T2DM	adipocyte	<i>POLR3G</i>	0.005216446	0.034464914	0.999371014	1
T2DM	adipocyte	<i>POR</i>	0.002212933	0.003261065	0.999371014	1
T2DM	adipocyte	<i>PRPF4</i>	-0.004057265	0.04350808	0.999371014	1
T2DM	adipocyte	<i>PSMB9</i>	-0.002144811	0.014862967	0.999371014	1
T2DM	adipocyte	<i>PTBP3</i>	-0.001431706	0.014980002	0.999371014	1
T2DM	adipocyte	<i>PTGDR</i>	-0.002328094	0.015652905	0.999371014	1
T2DM	adipocyte	<i>PTGR1</i>	0.003209277	0.034486126	0.999371014	1
T2DM	adipocyte	<i>PTH2R</i>	0.003602748	0.038558025	0.999371014	1
T2DM	adipocyte	<i>PUS10</i>	-0.003176605	0.041008657	0.999371014	1
T2DM	adipocyte	<i>RABGAP1L</i>	-0.00063289	0.025187754	0.999371014	1
T2DM	adipocyte	<i>RAD52</i>	0.002046579	0.023077241	0.999371014	1
T2DM	adipocyte	<i>RASL10A</i>	-0.014667657	0.042715865	0.999371014	1
T2DM	adipocyte	<i>RCAN2</i>	-0.000710803	0.037204964	0.999371014	1
T2DM	adipocyte	<i>RCSD1</i>	-0.00090901	0.027357588	0.999371014	1
T2DM	adipocyte	<i>REPIN1</i>	0.005781987	0.00894943	0.999371014	1
T2DM	adipocyte	<i>RFX8</i>	0.01128486	0.004083336	0.999371014	1
T2DM	adipocyte	<i>RGS7BP</i>	-0.008281795	0.023599821	0.999371014	1
T2DM	adipocyte	<i>RHOBTB3</i>	0.00128279	0.009112738	0.999371014	1
T2DM	adipocyte	<i>RNF213</i>	-0.001030204	0.021037347	0.999371014	1
T2DM	adipocyte	<i>RNF217</i>	0.002973051	0.012947746	0.999371014	1
T2DM	adipocyte	<i>RPS10</i>	-0.015406985	0.001950085	0.999371014	1
T2DM	adipocyte	<i>SAR1A</i>	0.00267067	0.032282584	0.999371014	1
T2DM	adipocyte	<i>SCARA5</i>	0.001479527	0.049520519	0.999371014	1
T2DM	adipocyte	<i>SEC14L1</i>	-0.001156697	0.020111218	0.999371014	1
T2DM	adipocyte	<i>SERGEF</i>	-0.001944914	0.042760981	0.999371014	1
T2DM	adipocyte	<i>SERHL2</i>	-0.006877573	0.030595911	0.999371014	1
T2DM	adipocyte	<i>SH3D19</i>	0.000758097	0.037068161	0.999371014	1
T2DM	adipocyte	<i>SH3GLB2</i>	0.008405193	0.031435445	0.999371014	1
T2DM	adipocyte	<i>SLC25A32</i>	-0.00292729	0.049004562	0.999371014	1
T2DM	adipocyte	<i>SLC41A2</i>	0.00375858	0.003210985	0.999371014	1
T2DM	adipocyte	<i>SLC44A2</i>	-0.001991542	0.040954257	0.999371014	1
T2DM	adipocyte	<i>SLC6A16</i>	-0.004023641	0.013701035	0.999371014	1
T2DM	adipocyte	<i>SMAD2</i>	-0.002200167	0.041161961	0.999371014	1
T2DM	adipocyte	<i>SMG7</i>	-0.001885124	0.043035738	0.999371014	1
T2DM	adipocyte	<i>SNX31</i>	-0.014414024	0.006194596	0.999371014	1
T2DM	adipocyte	<i>SP110</i>	-0.001587149	0.023654362	0.999371014	1
T2DM	adipocyte	<i>SRGAP1</i>	0.00202559	0.004911151	0.999371014	1
T2DM	adipocyte	<i>SSC5D</i>	0.004956337	0.035865592	0.999371014	1
T2DM	adipocyte	<i>SSNA1</i>	-0.004110356	0.025865012	0.999371014	1
T2DM	adipocyte	<i>ST3GAL6</i>	0.003184188	0.004821193	0.999371014	1
T2DM	adipocyte	<i>STIM2</i>	-0.001953545	0.028432643	0.999371014	1
T2DM	adipocyte	<i>STK24</i>	-0.002246429	0.036365914	0.999371014	1
T2DM	adipocyte	<i>SUSD2</i>	-0.015772374	0.025627642	0.999371014	1
T2DM	adipocyte	<i>SVEP1</i>	0.001943842	0.001603599	0.999371014	1
T2DM	adipocyte	<i>TEKT5</i>	-0.028774792	0.015938532	0.999371014	1
T2DM	adipocyte	<i>TK2</i>	0.004382785	0.021522569	0.999371014	1
T2DM	adipocyte	<i>TLN2</i>	0.001929719	0.000116499	0.348099593	0.696199185
T2DM	adipocyte	<i>TMC6</i>	-0.002778796	0.0465598	0.999371014	1
T2DM	adipocyte	<i>TMEM132C</i>	0.001445777	0.011315483	0.999371014	1
T2DM	adipocyte	<i>TMEM2</i>	-0.002181416	0.0036875	0.999371014	1
T2DM	adipocyte	<i>TNK2</i>	-0.003873923	0.048632769	0.999371014	1
T2DM	adipocyte	<i>TRAPPC11</i>	-0.002831496	0.035346225	0.999371014	1

T2DM	adipocyte	<i>TRIM4</i>	-0.002878202	0.044367373	0.999371014	1
T2DM	adipocyte	<i>TRUB1</i>	0.005265583	0.019269877	0.999371014	1
T2DM	adipocyte	<i>TSHZ2</i>	0.000504034	0.025641677	0.999371014	1
T2DM	adipocyte	<i>UBOX5</i>	-0.004103377	0.013917396	0.999371014	1
T2DM	adipocyte	<i>UGP2</i>	0.001390519	0.038494304	0.999371014	1
T2DM	adipocyte	<i>VTIL4</i>	-0.001009233	0.040977555	0.999371014	1
T2DM	adipocyte	<i>WASF3</i>	0.002541951	0.018535718	0.999371014	1
T2DM	adipocyte	<i>WTIP</i>	-0.002139134	0.048734268	0.999371014	1
T2DM	adipocyte	<i>ZFHX4</i>	0.001822619	0.027358085	0.999371014	1
T2DM	adipocyte	<i>ZNF254</i>	0.002610359	0.034141113	0.999371014	1
T2DM	adipocyte	<i>ZNF33A</i>	-0.002635969	0.020408109	0.999371014	1
T2DM	adipocyte	<i>LCN2</i>	0.005073112	0.045144568	0.999371014	1
T2DM	adipocyte	<i>OR2AE1</i>	0.002982894	0.039446965	0.999371014	1
T2DM	adipocyte	<i>SLC22A31</i>	-0.007392425	0.016150616	0.999371014	1
T2DM	ASPC	<i>ABCA8</i>	0.00118449	0.003095093	0.738070102	1
T2DM	ASPC	<i>ABCB4</i>	-0.002945171	0.037845116	0.738070102	1
T2DM	ASPC	<i>ABCF2</i>	-0.007304073	0.034978398	0.738070102	1
T2DM	ASPC	<i>AC093901.1</i>	-0.01149453	0.028943581	0.738070102	1
T2DM	ASPC	<i>ACP6</i>	-0.005699647	0.042169422	0.738070102	1
T2DM	ASPC	<i>ACTN4</i>	-0.001997068	0.007841473	0.738070102	1
T2DM	ASPC	<i>ACTR3</i>	-0.001294394	0.046860335	0.738070102	1
T2DM	ASPC	<i>ADAM11</i>	-0.016708695	0.043945784	0.738070102	1
T2DM	ASPC	<i>ADAMTS12</i>	0.001168712	0.008141303	0.738070102	1
T2DM	ASPC	<i>ADAMTSL3</i>	0.001328664	0.028408904	0.738070102	1
T2DM	ASPC	<i>ADCY3</i>	-0.001997058	0.043727853	0.738070102	1
T2DM	ASPC	<i>ADH1B</i>	0.001040334	0.037932574	0.738070102	1
T2DM	ASPC	<i>ADORA2B</i>	0.005645705	0.038402004	0.738070102	1
T2DM	ASPC	<i>ADPRHL1</i>	-0.017220082	0.032366879	0.738070102	1
T2DM	ASPC	<i>AEN</i>	-0.012524516	0.047886058	0.738070102	1
T2DM	ASPC	<i>AGTPBP1</i>	-0.00139724	0.027401781	0.738070102	1
T2DM	ASPC	<i>AH11</i>	0.000934833	0.033221038	0.738070102	1
T2DM	ASPC	<i>AK8</i>	-0.01037514	0.041708718	0.738070102	1
T2DM	ASPC	<i>AMACR</i>	-0.014379143	0.025848023	0.738070102	1
T2DM	ASPC	<i>AMZ2</i>	-0.005326632	0.046494003	0.738070102	1
T2DM	ASPC	<i>ANGPT4</i>	-0.005355184	0.014237003	0.738070102	1
T2DM	ASPC	<i>ANKRD26</i>	0.003406632	0.016783619	0.738070102	1
T2DM	ASPC	<i>ANKRD29</i>	-0.001638453	0.047930114	0.738070102	1
T2DM	ASPC	<i>ANO1</i>	-0.003228181	0.041055433	0.738070102	1
T2DM	ASPC	<i>ARHGAP1</i>	-0.002760173	0.038969156	0.738070102	1
T2DM	ASPC	<i>ARHGEF25</i>	-0.007092826	0.034700276	0.738070102	1
T2DM	ASPC	<i>ARHGEF35</i>	-0.027057529	0.048987197	0.738070102	1
T2DM	ASPC	<i>ARPC2</i>	-0.000990014	0.028668495	0.738070102	1
T2DM	ASPC	<i>ARPC5</i>	-0.002615993	0.002048519	0.738070102	1
T2DM	ASPC	<i>ATP1B2</i>	-0.017304604	0.018574697	0.738070102	1
T2DM	ASPC	<i>ATP2A3</i>	-0.001799523	0.030596806	0.738070102	1
T2DM	ASPC	<i>ATP8B3</i>	-0.020562226	0.028693384	0.738070102	1
T2DM	ASPC	<i>B3GALNT2</i>	-0.002511659	0.012486604	0.738070102	1
T2DM	ASPC	<i>B3GALT5</i>	-0.031483305	0.044215727	0.738070102	1
T2DM	ASPC	<i>B3GAT2</i>	-0.008024693	0.026792259	0.738070102	1
T2DM	ASPC	<i>BICC1</i>	0.001149767	0.0248032	0.738070102	1
T2DM	ASPC	<i>BMP2</i>	-0.009136562	0.028191844	0.738070102	1
T2DM	ASPC	<i>BOC</i>	0.00235265	0.0167199	0.738070102	1

T2DM	ASPC	<i>BRSK2</i>	-0.018592715	0.034787927	0.738070102	1
T2DM	ASPC	<i>BTN2A1</i>	-0.003998076	0.04702495	0.738070102	1
T2DM	ASPC	<i>BTN3A2</i>	-0.002570554	0.045383162	0.738070102	1
T2DM	ASPC	<i>C17orf51</i>	-0.012300567	0.040976782	0.738070102	1
T2DM	ASPC	<i>C20orf196</i>	-0.002763108	0.02589979	0.738070102	1
T2DM	ASPC	<i>C4A</i>	-0.003024146	0.036341854	0.738070102	1
T2DM	ASPC	<i>C5orf22</i>	-0.003857492	0.008663225	0.738070102	1
T2DM	ASPC	<i>C6orf226</i>	-0.0078561	0.046628058	0.738070102	1
T2DM	ASPC	<i>CAP2</i>	-0.002534432	0.022491336	0.738070102	1
T2DM	ASPC	<i>CAPN12</i>	-0.006612205	0.01833557	0.738070102	1
T2DM	ASPC	<i>CAPN8</i>	-0.017171836	0.036928601	0.738070102	1
T2DM	ASPC	<i>CAPRIN2</i>	-0.002841183	0.049134936	0.738070102	1
T2DM	ASPC	<i>CAPS2</i>	0.001752964	0.049641241	0.738070102	1
T2DM	ASPC	<i>CARNS1</i>	-0.020164035	0.002019519	0.738070102	1
T2DM	ASPC	<i>CASP9</i>	-0.00647797	0.038456852	0.738070102	1
T2DM	ASPC	<i>CATSPERB</i>	0.001778777	0.040464922	0.738070102	1
T2DM	ASPC	<i>CBX6</i>	-0.00383027	0.043269512	0.738070102	1
T2DM	ASPC	<i>CCAR2</i>	-0.005083931	0.038231149	0.738070102	1
T2DM	ASPC	<i>CCDC88C</i>	-0.001071883	0.032967627	0.738070102	1
T2DM	ASPC	<i>CCDC97</i>	-0.005460715	0.01740956	0.738070102	1
T2DM	ASPC	<i>CCNA2</i>	-0.011140539	0.016728669	0.738070102	1
T2DM	ASPC	<i>CD164L2</i>	-0.006345954	0.019743086	0.738070102	1
T2DM	ASPC	<i>CD37</i>	-0.001702934	0.047622706	0.738070102	1
T2DM	ASPC	<i>CD38</i>	-0.003009112	0.031348316	0.738070102	1
T2DM	ASPC	<i>CD52</i>	-0.002286559	0.046948166	0.738070102	1
T2DM	ASPC	<i>CFDP1</i>	0.001495777	0.03109114	0.738070102	1
T2DM	ASPC	<i>CLCN6</i>	-0.00464035	0.020385935	0.738070102	1
T2DM	ASPC	<i>CLDN23</i>	-0.020622945	0.015034094	0.738070102	1
T2DM	ASPC	<i>CLEC18A</i>	-0.060918749	0.001529832	0.738070102	1
T2DM	ASPC	<i>CLEC4G</i>	-0.021982573	0.040701747	0.738070102	1
T2DM	ASPC	<i>CLMN</i>	-0.000987231	0.02373965	0.738070102	1
T2DM	ASPC	<i>CNKSR1</i>	-0.020942259	0.043631042	0.738070102	1
T2DM	ASPC	<i>CNOT6L</i>	-0.001389824	0.031169653	0.738070102	1
T2DM	ASPC	<i>COL12A1</i>	0.001811401	0.01624035	0.738070102	1
T2DM	ASPC	<i>CORO1A</i>	-0.00312509	0.042568751	0.738070102	1
T2DM	ASPC	<i>CRISPLD2</i>	-0.002841338	0.027021462	0.738070102	1
T2DM	ASPC	<i>CRLF3</i>	-0.002220261	0.038476593	0.738070102	1
T2DM	ASPC	<i>CTNNA3</i>	-0.001132829	0.011451296	0.738070102	1
T2DM	ASPC	<i>CTSC</i>	-0.001340862	0.048370791	0.738070102	1
T2DM	ASPC	<i>CTU2</i>	-0.008642802	0.005730465	0.738070102	1
T2DM	ASPC	<i>CYBA</i>	-0.001194008	0.018253467	0.738070102	1
T2DM	ASPC	<i>CYTH1</i>	-0.000887135	0.025766694	0.738070102	1
T2DM	ASPC	<i>DAAMI</i>	0.001210455	0.045694669	0.738070102	1
T2DM	ASPC	<i>DBNL</i>	-0.004044418	0.014822191	0.738070102	1
T2DM	ASPC	<i>DCTN5</i>	-0.005637269	0.016583808	0.738070102	1
T2DM	ASPC	<i>DDX23</i>	-0.005185516	0.016679597	0.738070102	1
T2DM	ASPC	<i>DENND4B</i>	-0.00323838	0.025788027	0.738070102	1
T2DM	ASPC	<i>DENND4C</i>	0.001454448	0.019041263	0.738070102	1
T2DM	ASPC	<i>DHRS12</i>	0.005145251	0.022037489	0.738070102	1
T2DM	ASPC	<i>DNAJC10</i>	-0.002252859	0.004153119	0.738070102	1
T2DM	ASPC	<i>DNAJC27</i>	-0.007207366	0.003434051	0.738070102	1
T2DM	ASPC	<i>DNAJC6</i>	-0.006919001	0.002083574	0.738070102	1

T2DM	ASPC	<i>DOCK3</i>	-0.005937231	0.013212267	0.738070102	1
T2DM	ASPC	<i>DOCK7</i>	0.002154206	0.044288864	0.738070102	1
T2DM	ASPC	<i>ECM2</i>	0.002100489	0.01394885	0.738070102	1
T2DM	ASPC	<i>EEF1E1</i>	-0.007225514	0.04988978	0.738070102	1
T2DM	ASPC	<i>EFEMP1</i>	0.001323472	0.029570724	0.738070102	1
T2DM	ASPC	<i>EIF3C</i>	-0.030508114	0.027693951	0.738070102	1
T2DM	ASPC	<i>EPN3</i>	-0.036005441	0.03680137	0.738070102	1
T2DM	ASPC	<i>ERP27</i>	-0.007307015	0.009821525	0.738070102	1
T2DM	ASPC	<i>EXOSC6</i>	-0.004409345	0.030504024	0.738070102	1
T2DM	ASPC	<i>EYA1</i>	0.002350873	0.035233498	0.738070102	1
T2DM	ASPC	<i>FAM114A1</i>	0.0025944	0.033079493	0.738070102	1
T2DM	ASPC	<i>FAM135B</i>	-0.015812035	0.02160962	0.738070102	1
T2DM	ASPC	<i>FAM160A2</i>	0.004116839	0.027090594	0.738070102	1
T2DM	ASPC	<i>FAM181B</i>	-0.028227216	0.010237629	0.738070102	1
T2DM	ASPC	<i>FAM69C</i>	-0.027991464	0.020157614	0.738070102	1
T2DM	ASPC	<i>FBLIM1</i>	-0.006943996	0.031725396	0.738070102	1
T2DM	ASPC	<i>FBLN1</i>	0.001331367	0.042476883	0.738070102	1
T2DM	ASPC	<i>FBXO41</i>	-0.006394119	0.04514806	0.738070102	1
T2DM	ASPC	<i>FCRL3</i>	-0.002168543	0.03951791	0.738070102	1
T2DM	ASPC	<i>FGFR1</i>	0.001335493	0.03077162	0.738070102	1
T2DM	ASPC	<i>FIBP</i>	-0.009037347	0.001015431	0.738070102	1
T2DM	ASPC	<i>FKBP11</i>	-0.005655961	0.033409252	0.738070102	1
T2DM	ASPC	<i>FLRT2</i>	0.000960329	0.045292463	0.738070102	1
T2DM	ASPC	<i>FNBP1</i>	-0.000839997	0.047322629	0.738070102	1
T2DM	ASPC	<i>FOXS1</i>	-0.022795662	0.029536629	0.738070102	1
T2DM	ASPC	<i>FSTL1</i>	0.001028729	0.030157835	0.738070102	1
T2DM	ASPC	<i>FXYD5</i>	-0.003671486	0.013170069	0.738070102	1
T2DM	ASPC	<i>GATAD2A</i>	-0.002062195	0.02530289	0.738070102	1
T2DM	ASPC	<i>GFOD1</i>	-0.001992479	0.011125925	0.738070102	1
T2DM	ASPC	<i>GFRAL</i>	-0.014821806	0.049674589	0.738070102	1
T2DM	ASPC	<i>GHR</i>	0.000839038	0.044954062	0.738070102	1
T2DM	ASPC	<i>GLDN</i>	-0.00323462	0.011183819	0.738070102	1
T2DM	ASPC	<i>GLIPR1</i>	-0.002218792	0.024526755	0.738070102	1
T2DM	ASPC	<i>GLIPR1L2</i>	-0.008320098	0.008189543	0.738070102	1
T2DM	ASPC	<i>GLS</i>	0.000913536	0.024818399	0.738070102	1
T2DM	ASPC	<i>GMEB2</i>	-0.006400176	0.02487147	0.738070102	1
T2DM	ASPC	<i>GNAL</i>	-0.003447267	0.034626305	0.738070102	1
T2DM	ASPC	<i>GNMT</i>	-0.035930145	0.038446387	0.738070102	1
T2DM	ASPC	<i>GP6</i>	-0.005782938	0.035823799	0.738070102	1
T2DM	ASPC	<i>GPATCH2L</i>	-0.002014395	0.038125014	0.738070102	1
T2DM	ASPC	<i>GPR17</i>	-0.009995495	0.039297911	0.738070102	1
T2DM	ASPC	<i>GPR63</i>	-0.008879702	0.020469734	0.738070102	1
T2DM	ASPC	<i>GPRC5C</i>	-0.008980797	0.008366424	0.738070102	1
T2DM	ASPC	<i>GREB1L</i>	0.001847826	0.046941724	0.738070102	1
T2DM	ASPC	<i>GRID2IP</i>	-0.008404749	0.025186655	0.738070102	1
T2DM	ASPC	<i>GRIK4</i>	-0.006691105	0.020850632	0.738070102	1
T2DM	ASPC	<i>GRIN2A</i>	-0.003101934	0.043291375	0.738070102	1
T2DM	ASPC	<i>GS1-124K5.4</i>	-0.009403071	0.008526533	0.738070102	1
T2DM	ASPC	<i>GUCA1B</i>	-0.011279603	0.044096535	0.738070102	1
T2DM	ASPC	<i>GUK1</i>	-0.00315579	0.030976339	0.738070102	1
T2DM	ASPC	<i>H1FX</i>	-0.003818844	0.025506165	0.738070102	1
T2DM	ASPC	<i>HAGHL</i>	-0.006333618	0.030139161	0.738070102	1

T2DM	ASPC	<i>HDDC2</i>	-0.005493069	0.008019507	0.738070102	1
T2DM	ASPC	<i>HLA-B</i>	-0.000576397	0.049664678	0.738070102	1
T2DM	ASPC	<i>HMOX2</i>	-0.002878528	0.012865685	0.738070102	1
T2DM	ASPC	<i>HOPX</i>	-0.010950914	0.005585699	0.738070102	1
T2DM	ASPC	<i>HOXD4</i>	-0.030136711	0.040369253	0.738070102	1
T2DM	ASPC	<i>HRK</i>	-0.013032234	0.030607891	0.738070102	1
T2DM	ASPC	<i>HS6ST3</i>	-0.007709425	0.005787129	0.738070102	1
T2DM	ASPC	<i>HSD17B13</i>	-0.01281845	0.022461474	0.738070102	1
T2DM	ASPC	<i>HTR7</i>	0.00386204	0.0258767	0.738070102	1
T2DM	ASPC	<i>ICAM2</i>	-0.003719705	0.011672113	0.738070102	1
T2DM	ASPC	<i>ICAM3</i>	-0.004900267	0.020122525	0.738070102	1
T2DM	ASPC	<i>ICAM5</i>	-0.044380784	0.017258541	0.738070102	1
T2DM	ASPC	<i>IFNAR2</i>	-0.001313059	0.025455476	0.738070102	1
T2DM	ASPC	<i>IGSF11</i>	-0.017093555	0.004805156	0.738070102	1
T2DM	ASPC	<i>IL27RA</i>	-0.00369833	0.017576566	0.738070102	1
T2DM	ASPC	<i>INPP4A</i>	-0.001185961	0.02643505	0.738070102	1
T2DM	ASPC	<i>INSIG2</i>	0.005543667	0.037308221	0.738070102	1
T2DM	ASPC	<i>IP6K3</i>	-0.037781809	0.041727882	0.738070102	1
T2DM	ASPC	<i>ISG20</i>	-0.003007571	0.045791745	0.738070102	1
T2DM	ASPC	<i>ITGA11</i>	0.001594133	0.039405278	0.738070102	1
T2DM	ASPC	<i>KAZALD1</i>	-0.018555495	0.03710795	0.738070102	1
T2DM	ASPC	<i>KBTBD12</i>	-0.006043504	0.040368864	0.738070102	1
T2DM	ASPC	<i>KCNMA1</i>	-0.001035224	0.022051413	0.738070102	1
T2DM	ASPC	<i>KCNQ4</i>	-0.017637332	0.00241219	0.738070102	1
T2DM	ASPC	<i>KIF16B</i>	0.002048762	0.001638836	0.738070102	1
T2DM	ASPC	<i>KLHL17</i>	-0.008236611	0.049078394	0.738070102	1
T2DM	ASPC	<i>KLHL30</i>	-0.018564286	0.048092111	0.738070102	1
T2DM	ASPC	<i>KMT2A</i>	-0.001020379	0.023865781	0.738070102	1
T2DM	ASPC	<i>LACC1</i>	-0.006946759	0.03714185	0.738070102	1
T2DM	ASPC	<i>LAMA4</i>	0.000821976	0.012939292	0.738070102	1
T2DM	ASPC	<i>LAMB1</i>	0.002411749	0.007849093	0.738070102	1
T2DM	ASPC	<i>LAPTM5</i>	-0.0019715	0.02830485	0.738070102	1
T2DM	ASPC	<i>LBH</i>	-0.002737201	0.00124577	0.738070102	1
T2DM	ASPC	<i>LCLAT1</i>	-0.00392243	0.000668312	0.738070102	1
T2DM	ASPC	<i>LDB3</i>	-0.002678768	0.014191497	0.738070102	1
T2DM	ASPC	<i>LDHC</i>	-0.020721386	0.018089007	0.738070102	1
T2DM	ASPC	<i>LGALS9</i>	-0.007864887	0.018654528	0.738070102	1
T2DM	ASPC	<i>LGR5</i>	-0.012571988	0.01897838	0.738070102	1
T2DM	ASPC	<i>LIN7C</i>	-0.003476463	0.049756381	0.738070102	1
T2DM	ASPC	<i>LINC00702</i>	-0.005821881	0.006668737	0.738070102	1
T2DM	ASPC	<i>LMO3</i>	0.001612492	0.028434377	0.738070102	1
T2DM	ASPC	<i>LPCAT1</i>	-0.003197314	0.029186903	0.738070102	1
T2DM	ASPC	<i>LRRC45</i>	-0.012506524	0.031064161	0.738070102	1
T2DM	ASPC	<i>LSAMP</i>	0.003565068	0.015707753	0.738070102	1
T2DM	ASPC	<i>LY75</i>	-0.009719164	0.047099779	0.738070102	1
T2DM	ASPC	<i>LYG1</i>	-0.006359807	0.032271837	0.738070102	1
T2DM	ASPC	<i>MAP3K5</i>	-0.00098259	0.042125376	0.738070102	1
T2DM	ASPC	<i>MAPK4</i>	-0.010303098	0.016669035	0.738070102	1
T2DM	ASPC	<i>MDFIC</i>	0.001009486	0.049752673	0.738070102	1
T2DM	ASPC	<i>MEAI</i>	-0.018648965	0.045444056	0.738070102	1
T2DM	ASPC	<i>MED21</i>	-0.002557193	0.022970014	0.738070102	1
T2DM	ASPC	<i>METTL13</i>	0.009374202	0.04867776	0.738070102	1

T2DM	ASPC	<i>MGST1</i>	0.001298254	0.002235439	0.738070102	1
T2DM	ASPC	<i>MRPL34</i>	-0.00614478	0.004357648	0.738070102	1
T2DM	ASPC	<i>MRPL47</i>	-0.004224914	0.042560508	0.738070102	1
T2DM	ASPC	<i>MT1E</i>	-0.005386156	0.016222342	0.738070102	1
T2DM	ASPC	<i>MTBP</i>	-0.004036151	0.020212763	0.738070102	1
T2DM	ASPC	<i>MTHFR</i>	-0.002655243	0.039919792	0.738070102	1
T2DM	ASPC	<i>MYL9</i>	-0.001664909	0.019131648	0.738070102	1
T2DM	ASPC	<i>MYOM2</i>	-0.011790133	0.034508425	0.738070102	1
T2DM	ASPC	<i>NAALADL1</i>	-0.012906385	0.024822629	0.738070102	1
T2DM	ASPC	<i>NARFL</i>	-0.003854707	0.04254901	0.738070102	1
T2DM	ASPC	<i>NDUFB10</i>	-0.004704348	0.021947932	0.738070102	1
T2DM	ASPC	<i>NEK3</i>	-0.002540455	0.036641703	0.738070102	1
T2DM	ASPC	<i>NEK4</i>	-0.003951878	0.020305399	0.738070102	1
T2DM	ASPC	<i>NEURL1B</i>	-0.002802102	0.00317138	0.738070102	1
T2DM	ASPC	<i>NIPA2</i>	-0.003481761	0.028489784	0.738070102	1
T2DM	ASPC	<i>NLRP2</i>	-0.009366181	0.015289095	0.738070102	1
T2DM	ASPC	<i>NME4</i>	0.005007122	0.014805559	0.738070102	1
T2DM	ASPC	<i>NMRAL1</i>	-0.005854957	0.003973646	0.738070102	1
T2DM	ASPC	<i>NOP10</i>	-0.007498804	0.034924639	0.738070102	1
T2DM	ASPC	<i>NPIP4</i>	-0.007966137	0.034755061	0.738070102	1
T2DM	ASPC	<i>NPNT</i>	-0.002634416	0.033292429	0.738070102	1
T2DM	ASPC	<i>NSFL1C</i>	-0.003452978	0.034507627	0.738070102	1
T2DM	ASPC	<i>NT5DC2</i>	-0.023362825	0.002054921	0.738070102	1
T2DM	ASPC	<i>NUAK2</i>	-0.006634712	0.019359562	0.738070102	1
T2DM	ASPC	<i>NUDT12</i>	0.005474453	0.011115952	0.738070102	1
T2DM	ASPC	<i>NUP62</i>	-0.005729538	0.032662439	0.738070102	1
T2DM	ASPC	<i>NUPL2</i>	0.002994146	0.032279421	0.738070102	1
T2DM	ASPC	<i>NUTM2B</i>	-0.002443828	0.049702475	0.738070102	1
T2DM	ASPC	<i>OGN</i>	0.003965847	0.008726957	0.738070102	1
T2DM	ASPC	<i>ORAI2</i>	-0.003502398	0.021587545	0.738070102	1
T2DM	ASPC	<i>OSTF1</i>	-0.001910169	0.019575406	0.738070102	1
T2DM	ASPC	<i>OVCH1-AS1</i>	-0.00381723	0.012774788	0.738070102	1
T2DM	ASPC	<i>PARM1</i>	-0.001722221	0.034626291	0.738070102	1
T2DM	ASPC	<i>PARP15</i>	-0.001695995	0.0207087	0.738070102	1
T2DM	ASPC	<i>PARVG</i>	-0.002842175	0.0429845	0.738070102	1
T2DM	ASPC	<i>PATL2</i>	-0.002731059	0.025967075	0.738070102	1
T2DM	ASPC	<i>PCGF2</i>	-0.009467762	0.032314796	0.738070102	1
T2DM	ASPC	<i>PCGF5</i>	-0.002487283	0.011403709	0.738070102	1
T2DM	ASPC	<i>PCOLCE2</i>	0.001265724	0.012960488	0.738070102	1
T2DM	ASPC	<i>PCSK7</i>	-0.00197267	0.004576865	0.738070102	1
T2DM	ASPC	<i>PCYOX1L</i>	-0.005108696	0.043214662	0.738070102	1
T2DM	ASPC	<i>PDE4C</i>	-0.005631627	0.009906482	0.738070102	1
T2DM	ASPC	<i>PFN2</i>	-0.009068842	0.006819396	0.738070102	1
T2DM	ASPC	<i>PII6</i>	0.001452747	0.029278226	0.738070102	1
T2DM	ASPC	<i>PLA2G4B</i>	-0.027308319	0.030252668	0.738070102	1
T2DM	ASPC	<i>PLAT</i>	0.003307426	0.020962489	0.738070102	1
T2DM	ASPC	<i>PLD2</i>	-0.006928553	0.044238066	0.738070102	1
T2DM	ASPC	<i>PM20D2</i>	-0.004097155	0.022834084	0.738070102	1
T2DM	ASPC	<i>POLB</i>	-0.003995158	0.020257077	0.738070102	1
T2DM	ASPC	<i>POLK</i>	0.002525726	0.018570401	0.738070102	1
T2DM	ASPC	<i>POLM</i>	-0.005837652	0.027661942	0.738070102	1
T2DM	ASPC	<i>POMP</i>	-0.003467126	0.031985402	0.738070102	1

T2DM	ASPC	<i>PPP1R14A</i>	-0.003856046	0.038442768	0.738070102	1
T2DM	ASPC	<i>PPP5C</i>	-0.003574109	0.034314072	0.738070102	1
T2DM	ASPC	<i>PRKD2</i>	-0.003258728	0.000371355	0.738070102	1
T2DM	ASPC	<i>PSD4</i>	-0.003590322	0.019073926	0.738070102	1
T2DM	ASPC	<i>PSMB3</i>	-0.006723544	0.02199185	0.738070102	1
T2DM	ASPC	<i>PTGDR</i>	-0.002191123	0.022965853	0.738070102	1
T2DM	ASPC	<i>PVR</i>	-0.010611378	0.010553662	0.738070102	1
T2DM	ASPC	<i>RAB37</i>	-0.003594752	0.042165758	0.738070102	1
T2DM	ASPC	<i>RASL12</i>	-0.004524266	0.041462374	0.738070102	1
T2DM	ASPC	<i>RASSF1</i>	-0.001853815	0.035762428	0.738070102	1
T2DM	ASPC	<i>RBCK1</i>	-0.005996704	0.002582106	0.738070102	1
T2DM	ASPC	<i>RBM8A</i>	-0.004605448	0.047248496	0.738070102	1
T2DM	ASPC	<i>RCAN1</i>	-0.004980521	0.019693337	0.738070102	1
T2DM	ASPC	<i>RCAN2</i>	-0.000778503	0.022554626	0.738070102	1
T2DM	ASPC	<i>RGS7BP</i>	-0.010943133	0.002801434	0.738070102	1
T2DM	ASPC	<i>RHBDL1</i>	-0.024779326	0.008845476	0.738070102	1
T2DM	ASPC	<i>RHOBTB3</i>	0.001241682	0.011548173	0.738070102	1
T2DM	ASPC	<i>RHPN2</i>	-0.009323236	0.037470687	0.738070102	1
T2DM	ASPC	<i>RIMKLA</i>	-0.017322193	0.0486495	0.738070102	1
T2DM	ASPC	<i>RNASEL</i>	-0.005619308	0.03446731	0.738070102	1
T2DM	ASPC	<i>RNASET2</i>	-0.002723097	0.04259599	0.738070102	1
T2DM	ASPC	<i>RNF217</i>	0.002404189	0.044385699	0.738070102	1
T2DM	ASPC	<i>RPL18A</i>	-0.005056647	0.049581293	0.738070102	1
T2DM	ASPC	<i>RPUSD3</i>	-0.005331511	0.000493702	0.738070102	1
T2DM	ASPC	<i>RTN4IP1</i>	-0.005628556	0.042116225	0.738070102	1
T2DM	ASPC	<i>SCARA5</i>	0.001583736	0.035674775	0.738070102	1
T2DM	ASPC	<i>SCNN1A</i>	-0.022139873	0.004112312	0.738070102	1
T2DM	ASPC	<i>SERPINI1</i>	-0.004738548	0.008007585	0.738070102	1
T2DM	ASPC	<i>SH3BGR13</i>	-0.002061393	0.034250721	0.738070102	1
T2DM	ASPC	<i>SH3D19</i>	0.000765488	0.035307465	0.738070102	1
T2DM	ASPC	<i>SH3PXD2B</i>	0.001426592	0.029299671	0.738070102	1
T2DM	ASPC	<i>SIGLEC14</i>	-0.023999252	0.027283261	0.738070102	1
T2DM	ASPC	<i>SLC26A10</i>	-0.010950808	0.039446083	0.738070102	1
T2DM	ASPC	<i>SLC38A11</i>	-0.002069111	0.030137157	0.738070102	1
T2DM	ASPC	<i>SLC39A9</i>	-0.003303914	0.045823416	0.738070102	1
T2DM	ASPC	<i>SLC41A2</i>	0.002900855	0.023309911	0.738070102	1
T2DM	ASPC	<i>SLC9A3R1</i>	-0.003755399	0.029265064	0.738070102	1
T2DM	ASPC	<i>SLFN13</i>	-0.006394309	0.046086813	0.738070102	1
T2DM	ASPC	<i>SMARCE1</i>	-0.003370967	0.010233881	0.738070102	1
T2DM	ASPC	<i>SMG7</i>	-0.002453914	0.008453382	0.738070102	1
T2DM	ASPC	<i>SNX18</i>	-0.003318211	0.049832071	0.738070102	1
T2DM	ASPC	<i>SNX31</i>	-0.014364508	0.006460375	0.738070102	1
T2DM	ASPC	<i>SNX32</i>	-0.00836102	0.004231797	0.738070102	1
T2DM	ASPC	<i>SPC24</i>	-0.014933136	0.032779694	0.738070102	1
T2DM	ASPC	<i>SPINT2</i>	-0.006325593	0.002648721	0.738070102	1
T2DM	ASPC	<i>SPP1</i>	-0.004704805	0.00224307	0.738070102	1
T2DM	ASPC	<i>SPTBN1</i>	0.000746554	0.014498194	0.738070102	1
T2DM	ASPC	<i>SRGAP1</i>	0.001589857	0.027418223	0.738070102	1
T2DM	ASPC	<i>SRL</i>	-0.007585645	0.048027087	0.738070102	1
T2DM	ASPC	<i>SRPK2</i>	-0.000512454	0.046991499	0.738070102	1
T2DM	ASPC	<i>ST3GAL6</i>	0.002729587	0.015546069	0.738070102	1
T2DM	ASPC	<i>STOML1</i>	0.010786899	0.038269766	0.738070102	1

T2DM	ASPC	<i>STUB1</i>	-0.005733107	0.004180743	0.738070102	1
T2DM	ASPC	<i>SUSD1</i>	-0.002084315	0.028083359	0.738070102	1
T2DM	ASPC	<i>SUSD2</i>	-0.016299413	0.02084509	0.738070102	1
T2DM	ASPC	<i>SVEP1</i>	0.001590194	0.009631437	0.738070102	1
T2DM	ASPC	<i>SYNGR2</i>	-0.003143244	0.045167706	0.738070102	1
T2DM	ASPC	<i>TAF10</i>	-0.007099116	0.015534246	0.738070102	1
T2DM	ASPC	<i>TAPBPL</i>	-0.00567564	0.002757078	0.738070102	1
T2DM	ASPC	<i>TBC1D10C</i>	-0.002867639	0.032944196	0.738070102	1
T2DM	ASPC	<i>TBCE</i>	-0.003077842	0.037170156	0.738070102	1
T2DM	ASPC	<i>TBKBP1</i>	-0.005178349	0.042158322	0.738070102	1
T2DM	ASPC	<i>TCF3</i>	-0.005612996	0.007377835	0.738070102	1
T2DM	ASPC	<i>TDRD9</i>	-0.009072088	0.045777411	0.738070102	1
T2DM	ASPC	<i>TEX29</i>	-0.011969368	0.049341216	0.738070102	1
T2DM	ASPC	<i>TIPIN</i>	0.005087588	0.034999088	0.738070102	1
T2DM	ASPC	<i>TLN1</i>	-0.002767594	0.021289832	0.738070102	1
T2DM	ASPC	<i>TMC4</i>	-0.008753609	0.048485251	0.738070102	1
T2DM	ASPC	<i>TMC6</i>	-0.002881495	0.039048177	0.738070102	1
T2DM	ASPC	<i>TMEM132C</i>	0.001284885	0.024371168	0.738070102	1
T2DM	ASPC	<i>TMEM2</i>	-0.001501498	0.045567399	0.738070102	1
T2DM	ASPC	<i>TMEM209</i>	-0.007419849	0.02618535	0.738070102	1
T2DM	ASPC	<i>TNNT3</i>	0.012566691	0.026469189	0.738070102	1
T2DM	ASPC	<i>TRHDE</i>	0.00092633	0.029622952	0.738070102	1
T2DM	ASPC	<i>TRNT1</i>	0.00209101	0.049913853	0.738070102	1
T2DM	ASPC	<i>TRPC3</i>	-0.012495765	0.004879532	0.738070102	1
T2DM	ASPC	<i>TSC22D1</i>	-0.001325109	0.039833598	0.738070102	1
T2DM	ASPC	<i>TSHZ2</i>	0.000545434	0.015725238	0.738070102	1
T2DM	ASPC	<i>U91324.1</i>	-0.013835512	0.003713955	0.738070102	1
T2DM	ASPC	<i>UBASH3B</i>	-0.002342259	0.030686354	0.738070102	1
T2DM	ASPC	<i>UBR2</i>	-0.000792712	0.047021613	0.738070102	1
T2DM	ASPC	<i>UBXN2B</i>	-0.003680549	0.02460073	0.738070102	1
T2DM	ASPC	<i>USB1</i>	-0.00896239	0.023578486	0.738070102	1
T2DM	ASPC	<i>VAT1L</i>	-0.010562303	0.046898292	0.738070102	1
T2DM	ASPC	<i>WDR24</i>	-0.007826114	0.011508225	0.738070102	1
T2DM	ASPC	<i>WTIP</i>	-0.002597587	0.016722823	0.738070102	1
T2DM	ASPC	<i>XCL2</i>	-0.014576614	0.041518145	0.738070102	1
T2DM	ASPC	<i>YEATS4</i>	-0.005854181	0.046735803	0.738070102	1
T2DM	ASPC	<i>ZC3H12C</i>	0.002267258	0.017581014	0.738070102	1
T2DM	ASPC	<i>ZDHHC4</i>	-0.009622442	0.036765462	0.738070102	1
T2DM	ASPC	<i>ZFP1</i>	-0.009131877	0.024176837	0.738070102	1
T2DM	ASPC	<i>ZFP28</i>	-0.004530053	0.043401963	0.738070102	1
T2DM	ASPC	<i>ZMYND12</i>	-0.016766171	0.003639751	0.738070102	1
T2DM	ASPC	<i>ZNF10</i>	-0.005895879	0.042608897	0.738070102	1
T2DM	ASPC	<i>ZNF132</i>	-0.009985335	0.046691202	0.738070102	1
T2DM	ASPC	<i>ZNF202</i>	-0.004388102	0.048580827	0.738070102	1
T2DM	ASPC	<i>ZNF232</i>	-0.015347148	0.025647262	0.738070102	1
T2DM	ASPC	<i>ZNF285</i>	0.015427173	0.017415767	0.738070102	1
T2DM	ASPC	<i>ZNF470</i>	-0.016205354	0.013454265	0.738070102	1
T2DM	ASPC	<i>ZNF652</i>	-0.00180416	0.008689456	0.738070102	1
T2DM	ASPC	<i>ZNF799</i>	-0.019830127	0.043208082	0.738070102	1
T2DM	ASPC	<i>ZNRD1</i>	-0.007741912	0.039654439	0.738070102	1
T2DM	ASPC	<i>CCL4L2</i>	-0.004254666	0.048921001	0.738070102	1
T2DM	ASPC	<i>FXYD3</i>	-0.045563519	0.006606778	0.738070102	1

T2DM	ASPC	<i>LRRC10B</i>	-0.027608268	0.026790781	0.738070102	1
T2DM	ASPC	<i>KIR3DL1</i>	-0.022788751	0.019192767	0.738070102	1
T2DM	ASPC	<i>KRT72</i>	-0.066034983	0.007216533	0.738070102	1
T2DM	ASPC	<i>OR51E2</i>	-0.022079164	0.00704701	0.738070102	1
T2DM	b_cell	<i>ABCA8</i>	0.00093371	0.019734	0.887579875	1
T2DM	b_cell	<i>AC026740.1</i>	-0.003839332	0.042878655	0.887579875	1
T2DM	b_cell	<i>AC093901.1</i>	-0.010697149	0.042369757	0.887579875	1
T2DM	b_cell	<i>ACE</i>	0.004980538	0.001892804	0.887579875	1
T2DM	b_cell	<i>ACTN4</i>	-0.001765012	0.018824075	0.887579875	1
T2DM	b_cell	<i>ADAMTSL3</i>	0.001697693	0.005059014	0.887579875	1
T2DM	b_cell	<i>AGTPBP1</i>	-0.001665224	0.008561738	0.887579875	1
T2DM	b_cell	<i>AL132989.1</i>	-0.015396499	0.005566969	0.887579875	1
T2DM	b_cell	<i>ALPK3</i>	-0.003332804	0.049347356	0.887579875	1
T2DM	b_cell	<i>ANGPT4</i>	-0.005684427	0.009260025	0.887579875	1
T2DM	b_cell	<i>ANKRD26</i>	0.002810855	0.048911307	0.887579875	1
T2DM	b_cell	<i>ANTXR2</i>	0.001156277	0.017013235	0.887579875	1
T2DM	b_cell	<i>APIG2</i>	-0.005318865	0.032668331	0.887579875	1
T2DM	b_cell	<i>APOL5</i>	-0.038534637	0.006074781	0.887579875	1
T2DM	b_cell	<i>ARHGAP9</i>	-0.003047208	0.020742616	0.887579875	1
T2DM	b_cell	<i>ARHGDIB</i>	-0.001586412	0.04651038	0.887579875	1
T2DM	b_cell	<i>ARHGEF37</i>	-0.004493085	0.016112083	0.887579875	1
T2DM	b_cell	<i>ARSG</i>	-0.001810443	0.046576594	0.887579875	1
T2DM	b_cell	<i>ATP2A3</i>	-0.001962964	0.018542016	0.887579875	1
T2DM	b_cell	<i>ATP8A1</i>	-0.001496615	0.009499054	0.887579875	1
T2DM	b_cell	<i>ATP9A</i>	0.001694632	0.049495636	0.887579875	1
T2DM	b_cell	<i>AVPR1A</i>	-0.002780119	0.032170105	0.887579875	1
T2DM	b_cell	<i>B4GALNT1</i>	-0.023261663	0.032005921	0.887579875	1
T2DM	b_cell	<i>B4GALT1</i>	-0.002023214	0.025850906	0.887579875	1
T2DM	b_cell	<i>BEAN1</i>	0.005217312	0.008876529	0.887579875	1
T2DM	b_cell	<i>BECN1</i>	0.003347756	0.022713228	0.887579875	1
T2DM	b_cell	<i>BHMT2</i>	0.004299888	0.017676803	0.887579875	1
T2DM	b_cell	<i>BICC1</i>	0.001019925	0.046029316	0.887579875	1
T2DM	b_cell	<i>BOC</i>	0.001977116	0.043634739	0.887579875	1
T2DM	b_cell	<i>BRAT1</i>	-0.002557925	0.035463832	0.887579875	1
T2DM	b_cell	<i>BROX</i>	-0.006962221	0.000674301	0.887579875	1
T2DM	b_cell	<i>BRSK2</i>	-0.022627729	0.010206408	0.887579875	1
T2DM	b_cell	<i>BTN2A1</i>	-0.004222564	0.035793402	0.887579875	1
T2DM	b_cell	<i>BTN3A2</i>	-0.002657718	0.03855631	0.887579875	1
T2DM	b_cell	<i>C11orf21</i>	-0.008105455	0.018562048	0.887579875	1
T2DM	b_cell	<i>C11orf24</i>	-0.007379145	0.017931623	0.887579875	1
T2DM	b_cell	<i>C20orf96</i>	0.006480167	0.015314908	0.887579875	1
T2DM	b_cell	<i>C2CD2</i>	0.002557505	0.023160836	0.887579875	1
T2DM	b_cell	<i>C5orf34</i>	-0.005003358	0.044888313	0.887579875	1
T2DM	b_cell	<i>C7orf31</i>	-0.008730635	0.005148313	0.887579875	1
T2DM	b_cell	<i>CAMK2N1</i>	0.006310334	0.037049477	0.887579875	1
T2DM	b_cell	<i>CANX</i>	-0.002669268	0.04293453	0.887579875	1
T2DM	b_cell	<i>CARNS1</i>	-0.014026076	0.031968681	0.887579875	1
T2DM	b_cell	<i>CASP9</i>	-0.006859522	0.028366255	0.887579875	1
T2DM	b_cell	<i>CCAR2</i>	-0.005388181	0.028039192	0.887579875	1
T2DM	b_cell	<i>CCDC88C</i>	-0.001088494	0.030429313	0.887579875	1
T2DM	b_cell	<i>CCL13</i>	-0.013997483	0.034582042	0.887579875	1
T2DM	b_cell	<i>CCL4</i>	-0.002209201	0.022234789	0.887579875	1

T2DM	b_cell	<i>CD38</i>	-0.003015131	0.031230304	0.887579875	1
T2DM	b_cell	<i>CD52</i>	-0.002936061	0.01083013	0.887579875	1
T2DM	b_cell	<i>CDC42SE1</i>	-0.001968517	0.039385537	0.887579875	1
T2DM	b_cell	<i>CDH6</i>	-0.001294523	0.038454608	0.887579875	1
T2DM	b_cell	<i>CDKN2AIPNL</i>	-0.015022878	0.018493322	0.887579875	1
T2DM	b_cell	<i>CDKN2D</i>	-0.00797235	0.037269487	0.887579875	1
T2DM	b_cell	<i>CDON</i>	0.001605624	0.036961958	0.887579875	1
T2DM	b_cell	<i>CEACAM19</i>	-0.008067438	0.041202566	0.887579875	1
T2DM	b_cell	<i>CEACAM21</i>	-0.003070823	0.033822654	0.887579875	1
T2DM	b_cell	<i>CENPK</i>	-0.004179603	0.021515241	0.887579875	1
T2DM	b_cell	<i>CH25H</i>	-0.013305326	0.004338767	0.887579875	1
T2DM	b_cell	<i>CNGA4</i>	0.020051344	0.003621324	0.887579875	1
T2DM	b_cell	<i>CNOT6L</i>	-0.00138133	0.03232832	0.887579875	1
T2DM	b_cell	<i>COL12A1</i>	0.001644289	0.029019806	0.887579875	1
T2DM	b_cell	<i>COL21A1</i>	-0.003713883	0.006991209	0.887579875	1
T2DM	b_cell	<i>CORO1A</i>	-0.003287713	0.033472693	0.887579875	1
T2DM	b_cell	<i>CSDC2</i>	-0.013067621	0.013945075	0.887579875	1
T2DM	b_cell	<i>CTNNA3</i>	-0.000963907	0.031303199	0.887579875	1
T2DM	b_cell	<i>CTSC</i>	-0.001394461	0.040134549	0.887579875	1
T2DM	b_cell	<i>CTSW</i>	-0.0024177	0.034613748	0.887579875	1
T2DM	b_cell	<i>CYB5R2</i>	-0.015787954	0.011307412	0.887579875	1
T2DM	b_cell	<i>CYBA</i>	-0.00125384	0.013295196	0.887579875	1
T2DM	b_cell	<i>DCST2</i>	-0.011764849	0.019461156	0.887579875	1
T2DM	b_cell	<i>DICER1</i>	-0.001202001	0.024793498	0.887579875	1
T2DM	b_cell	<i>DNM2</i>	-0.002338865	0.031978895	0.887579875	1
T2DM	b_cell	<i>DOCK3</i>	-0.004778307	0.046470162	0.887579875	1
T2DM	b_cell	<i>DTD1</i>	-0.004763101	0.006573103	0.887579875	1
T2DM	b_cell	<i>DUSP23</i>	-0.009831448	0.04887937	0.887579875	1
T2DM	b_cell	<i>DYNLT1</i>	-0.002316232	0.026196135	0.887579875	1
T2DM	b_cell	<i>ECM2</i>	0.001715506	0.045005421	0.887579875	1
T2DM	b_cell	<i>EFCAB2</i>	0.003300605	0.007904012	0.887579875	1
T2DM	b_cell	<i>ENOSF1</i>	0.001679519	0.03079776	0.887579875	1
T2DM	b_cell	<i>EPB41</i>	-0.000942646	0.042817748	0.887579875	1
T2DM	b_cell	<i>EPS8L1</i>	-0.027593821	0.046352061	0.887579875	1
T2DM	b_cell	<i>ERP27</i>	-0.005795346	0.040665606	0.887579875	1
T2DM	b_cell	<i>EVI5L</i>	-0.005756362	0.034287846	0.887579875	1
T2DM	b_cell	<i>EVL</i>	-0.001164886	0.041740983	0.887579875	1
T2DM	b_cell	<i>EXOC2</i>	-0.001732025	0.022463519	0.887579875	1
T2DM	b_cell	<i>F2R</i>	-0.007588791	0.020301666	0.887579875	1
T2DM	b_cell	<i>FAM111A</i>	-0.002297309	0.014295844	0.887579875	1
T2DM	b_cell	<i>FAM114A1</i>	0.003034499	0.012397521	0.887579875	1
T2DM	b_cell	<i>FAM213A</i>	0.001778256	0.038563859	0.887579875	1
T2DM	b_cell	<i>FAP</i>	0.005439561	0.019923224	0.887579875	1
T2DM	b_cell	<i>FGFR1</i>	0.001242886	0.044125722	0.887579875	1
T2DM	b_cell	<i>FLRT2</i>	0.000979502	0.040753931	0.887579875	1
T2DM	b_cell	<i>FTCD</i>	-0.029889616	0.049378037	0.887579875	1
T2DM	b_cell	<i>FUT11</i>	-0.005197499	0.011202519	0.887579875	1
T2DM	b_cell	<i>GATAD2A</i>	-0.001829002	0.047318366	0.887579875	1
T2DM	b_cell	<i>GBP5</i>	-0.002750455	0.041464572	0.887579875	1
T2DM	b_cell	<i>GBP7</i>	-0.022428647	0.044686287	0.887579875	1
T2DM	b_cell	<i>GCHI</i>	-0.00287065	0.029601509	0.887579875	1
T2DM	b_cell	<i>GDA</i>	-0.017387883	0.040273789	0.887579875	1

T2DM	b_cell	<i>GFOD1</i>	-0.002048331	0.009094863	0.887579875	1
T2DM	b_cell	<i>GLDN</i>	-0.002832975	0.026319043	0.887579875	1
T2DM	b_cell	<i>GNLY</i>	-0.000615189	0.043202944	0.887579875	1
T2DM	b_cell	<i>GOLIM4</i>	0.003098776	0.027073721	0.887579875	1
T2DM	b_cell	<i>GPA33</i>	-0.017351862	0.03357936	0.887579875	1
T2DM	b_cell	<i>GPRC5C</i>	-0.007329831	0.031707414	0.887579875	1
T2DM	b_cell	<i>GPX7</i>	-0.005601808	0.00870816	0.887579875	1
T2DM	b_cell	<i>GREB1L</i>	0.002312033	0.012968757	0.887579875	1
T2DM	b_cell	<i>GRIN2A</i>	-0.003406385	0.02640266	0.887579875	1
T2DM	b_cell	<i>HDDC2</i>	-0.005579873	0.007261123	0.887579875	1
T2DM	b_cell	<i>HFM1</i>	0.003752085	0.02252562	0.887579875	1
T2DM	b_cell	<i>HLA-A</i>	-0.00090069	0.02678745	0.887579875	1
T2DM	b_cell	<i>HLA-B</i>	-0.000647228	0.027595682	0.887579875	1
T2DM	b_cell	<i>HLA-E</i>	-0.001045676	0.048625087	0.887579875	1
T2DM	b_cell	<i>HLA-G</i>	-0.009033451	0.037522509	0.887579875	1
T2DM	b_cell	<i>HOPX</i>	-0.009087845	0.021300576	0.887579875	1
T2DM	b_cell	<i>HOXA4</i>	0.015929564	0.033240887	0.887579875	1
T2DM	b_cell	<i>HP</i>	-0.020464228	0.017624691	0.887579875	1
T2DM	b_cell	<i>HRAS</i>	-0.006258055	0.047679088	0.887579875	1
T2DM	b_cell	<i>ICAM2</i>	-0.002948883	0.04582924	0.887579875	1
T2DM	b_cell	<i>ICAM3</i>	-0.005286622	0.012072562	0.887579875	1
T2DM	b_cell	<i>IFNAR2</i>	-0.00117038	0.046490205	0.887579875	1
T2DM	b_cell	<i>IKBKE</i>	-0.007269938	0.019324454	0.887579875	1
T2DM	b_cell	<i>IL12RB1</i>	-0.004214465	0.033534711	0.887579875	1
T2DM	b_cell	<i>IL27RA</i>	-0.00343979	0.02717946	0.887579875	1
T2DM	b_cell	<i>IMMT</i>	-0.0020795	0.039842077	0.887579875	1
T2DM	b_cell	<i>INTS1</i>	-0.005074818	0.046391838	0.887579875	1
T2DM	b_cell	<i>IQCG</i>	-0.002110242	0.011549204	0.887579875	1
T2DM	b_cell	<i>IRF6</i>	-0.018764885	0.036896966	0.887579875	1
T2DM	b_cell	<i>ITGA11</i>	0.001624694	0.035602522	0.887579875	1
T2DM	b_cell	<i>ITGA4</i>	-0.000885295	0.022277095	0.887579875	1
T2DM	b_cell	<i>ITGB2</i>	-0.001814616	0.031375243	0.887579875	1
T2DM	b_cell	<i>ITPKA</i>	-0.026960283	0.038341527	0.887579875	1
T2DM	b_cell	<i>KBTBD12</i>	-0.006236589	0.034178674	0.887579875	1
T2DM	b_cell	<i>KCNB2</i>	0.002242555	0.029513277	0.887579875	1
T2DM	b_cell	<i>KCNMA1</i>	-0.000933642	0.038891729	0.887579875	1
T2DM	b_cell	<i>KCNQ4</i>	-0.011695158	0.044289112	0.887579875	1
T2DM	b_cell	<i>KHNYN</i>	-0.004755378	0.009796156	0.887579875	1
T2DM	b_cell	<i>KIFC3</i>	-0.004243605	0.045249042	0.887579875	1
T2DM	b_cell	<i>KLHL36</i>	-0.003118787	0.047935478	0.887579875	1
T2DM	b_cell	<i>LAMA4</i>	0.00073696	0.025753238	0.887579875	1
T2DM	b_cell	<i>LBH</i>	-0.002495776	0.003253187	0.887579875	1
T2DM	b_cell	<i>LDB3</i>	-0.002233543	0.040757728	0.887579875	1
T2DM	b_cell	<i>LGR5</i>	-0.010872378	0.042507849	0.887579875	1
T2DM	b_cell	<i>LINC00115</i>	-0.011807529	0.037496337	0.887579875	1
T2DM	b_cell	<i>LINC00484</i>	-0.00589479	0.046898076	0.887579875	1
T2DM	b_cell	<i>LINC00702</i>	-0.004857271	0.023534463	0.887579875	1
T2DM	b_cell	<i>LINC01068</i>	-0.019867067	0.031526116	0.887579875	1
T2DM	b_cell	<i>LLGL2</i>	-0.002759682	0.021486012	0.887579875	1
T2DM	b_cell	<i>LMO1</i>	-0.013794465	0.04783581	0.887579875	1
T2DM	b_cell	<i>LMO3</i>	0.001584507	0.0311966	0.887579875	1
T2DM	b_cell	<i>LPCAT1</i>	-0.003121246	0.033396579	0.887579875	1

T2DM	b_cell	<i>LRRC37A2</i>	-0.004229764	0.028702913	0.887579875	1
T2DM	b_cell	<i>LSAMP</i>	0.003471212	0.01863857	0.887579875	1
T2DM	b_cell	<i>MANEA</i>	-0.006741478	0.016384219	0.887579875	1
T2DM	b_cell	<i>MAP3K5</i>	-0.000994581	0.039682788	0.887579875	1
T2DM	b_cell	<i>MGST1</i>	0.000966697	0.022752881	0.887579875	1
T2DM	b_cell	<i>MPND</i>	-0.011504776	0.012059291	0.887579875	1
T2DM	b_cell	<i>MRPL34</i>	-0.005699516	0.008075524	0.887579875	1
T2DM	b_cell	<i>MTHFR</i>	-0.002870795	0.026474976	0.887579875	1
T2DM	b_cell	<i>MYBL1</i>	-0.001117054	0.029109787	0.887579875	1
T2DM	b_cell	<i>MYL9</i>	-0.001487631	0.036286304	0.887579875	1
T2DM	b_cell	<i>NBN</i>	-0.002430149	0.0327648	0.887579875	1
T2DM	b_cell	<i>NCAPD2</i>	-0.005277948	0.032323127	0.887579875	1
T2DM	b_cell	<i>NDE1</i>	-0.001421357	0.022558583	0.887579875	1
T2DM	b_cell	<i>NDUFB10</i>	-0.004954113	0.015893645	0.887579875	1
T2DM	b_cell	<i>NEK11</i>	0.002610964	0.034752991	0.887579875	1
T2DM	b_cell	<i>NLRP2</i>	-0.008239607	0.032873546	0.887579875	1
T2DM	b_cell	<i>NPC1</i>	-0.002419393	0.021791756	0.887579875	1
T2DM	b_cell	<i>NSUN7</i>	-0.008102298	0.019927418	0.887579875	1
T2DM	b_cell	<i>NT5E</i>	0.00305025	0.046882495	0.887579875	1
T2DM	b_cell	<i>NUDT2</i>	0.005293709	0.02975353	0.887579875	1
T2DM	b_cell	<i>OGFOD1</i>	-0.00405875	0.047485079	0.887579875	1
T2DM	b_cell	<i>OTOGL</i>	-0.019242624	0.008633724	0.887579875	1
T2DM	b_cell	<i>PARD3</i>	0.000607443	0.040138542	0.887579875	1
T2DM	b_cell	<i>PARM1</i>	-0.001789053	0.028243385	0.887579875	1
T2DM	b_cell	<i>PARP15</i>	-0.00171648	0.019243233	0.887579875	1
T2DM	b_cell	<i>PARP8</i>	-0.000655499	0.042282597	0.887579875	1
T2DM	b_cell	<i>PBX1</i>	0.000710716	0.03698901	0.887579875	1
T2DM	b_cell	<i>PCGF5</i>	-0.002044385	0.037564872	0.887579875	1
T2DM	b_cell	<i>PCOLCE2</i>	0.001128775	0.026624828	0.887579875	1
T2DM	b_cell	<i>PCSK7</i>	-0.001765034	0.011228963	0.887579875	1
T2DM	b_cell	<i>PDE4C</i>	-0.00531365	0.014880589	0.887579875	1
T2DM	b_cell	<i>PEX11G</i>	-0.011169062	0.026722022	0.887579875	1
T2DM	b_cell	<i>PEX14</i>	-0.002169673	0.009983762	0.887579875	1
T2DM	b_cell	<i>PHLPP2</i>	-0.005353025	0.006659902	0.887579875	1
T2DM	b_cell	<i>PII5</i>	-0.035319979	0.023897358	0.887579875	1
T2DM	b_cell	<i>PII6</i>	0.001656945	0.01263488	0.887579875	1
T2DM	b_cell	<i>PIANP</i>	-0.00377624	0.04650277	0.887579875	1
T2DM	b_cell	<i>PIGZ</i>	-0.003328387	0.041401253	0.887579875	1
T2DM	b_cell	<i>PILRB</i>	-0.004069123	0.006238928	0.887579875	1
T2DM	b_cell	<i>PLEKHJ1</i>	-0.004877026	0.024157832	0.887579875	1
T2DM	b_cell	<i>PNP</i>	-0.007480744	0.039220889	0.887579875	1
T2DM	b_cell	<i>POLB</i>	-0.003466001	0.044021431	0.887579875	1
T2DM	b_cell	<i>POLR2E</i>	-0.004607194	0.038026365	0.887579875	1
T2DM	b_cell	<i>POMP</i>	-0.003380401	0.036494675	0.887579875	1
T2DM	b_cell	<i>POR</i>	-0.001822018	0.014821348	0.887579875	1
T2DM	b_cell	<i>PPMIN</i>	-0.007780112	0.014187391	0.887579875	1
T2DM	b_cell	<i>PPP2R3C</i>	-0.001762533	0.031160906	0.887579875	1
T2DM	b_cell	<i>PRR12</i>	-0.005422693	0.017923283	0.887579875	1
T2DM	b_cell	<i>PSD4</i>	-0.004427308	0.003995082	0.887579875	1
T2DM	b_cell	<i>PSMB9</i>	-0.001729971	0.049554777	0.887579875	1
T2DM	b_cell	<i>PSORS1C2</i>	-0.004519053	0.035306089	0.887579875	1
T2DM	b_cell	<i>PSTPIP1</i>	-0.002807907	0.043196852	0.887579875	1

T2DM	b_cell	<i>PTGDR</i>	-0.001984152	0.039782489	0.887579875	1
T2DM	b_cell	<i>PTPRS</i>	0.001293511	0.042051961	0.887579875	1
T2DM	b_cell	<i>PYHIN1</i>	-0.000886693	0.025836169	0.887579875	1
T2DM	b_cell	<i>RAP1A</i>	-0.001245752	0.039609385	0.887579875	1
T2DM	b_cell	<i>RASL10A</i>	-0.016777469	0.020705388	0.887579875	1
T2DM	b_cell	<i>RBBP9</i>	-0.015326112	0.009824649	0.887579875	1
T2DM	b_cell	<i>RBCK1</i>	-0.004600665	0.020355025	0.887579875	1
T2DM	b_cell	<i>RBFOX3</i>	-0.015775412	0.020604793	0.887579875	1
T2DM	b_cell	<i>RBL2</i>	-0.001180223	0.032737721	0.887579875	1
T2DM	b_cell	<i>RCAN2</i>	-0.000760142	0.026153547	0.887579875	1
T2DM	b_cell	<i>RCBTB1</i>	-0.003533852	0.047695158	0.887579875	1
T2DM	b_cell	<i>RCN3</i>	0.003489803	0.017478108	0.887579875	1
T2DM	b_cell	<i>RCSD1</i>	-0.000877451	0.033255262	0.887579875	1
T2DM	b_cell	<i>RELL1</i>	-0.001945388	0.036798097	0.887579875	1
T2DM	b_cell	<i>RGS19</i>	-0.004135662	0.035335943	0.887579875	1
T2DM	b_cell	<i>RGS7BP</i>	-0.007640062	0.036589652	0.887579875	1
T2DM	b_cell	<i>RHBDF2</i>	-0.001701733	0.039971788	0.887579875	1
T2DM	b_cell	<i>RHOBTB3</i>	0.001072906	0.028922161	0.887579875	1
T2DM	b_cell	<i>RNF213</i>	-0.000881199	0.048553126	0.887579875	1
T2DM	b_cell	<i>RPA2</i>	-0.002934087	0.041904959	0.887579875	1
T2DM	b_cell	<i>RPL8</i>	-0.002438336	0.015609268	0.887579875	1
T2DM	b_cell	<i>RPS28</i>	-0.003659299	0.048270053	0.887579875	1
T2DM	b_cell	<i>RTN4</i>	0.001495767	0.020611668	0.887579875	1
T2DM	b_cell	<i>SI00A10</i>	0.001540162	0.005142101	0.887579875	1
T2DM	b_cell	<i>SEMA3F</i>	-0.009611801	0.016970816	0.887579875	1
T2DM	b_cell	<i>SEN3</i>	-0.009752138	0.038302584	0.887579875	1
T2DM	b_cell	<i>SERPIND1</i>	-0.008610554	0.044236003	0.887579875	1
T2DM	b_cell	<i>SERPINI1</i>	-0.003692274	0.039189545	0.887579875	1
T2DM	b_cell	<i>SKIV2L</i>	-0.006350873	0.035489882	0.887579875	1
T2DM	b_cell	<i>SLAIN2</i>	-0.003065036	0.030373463	0.887579875	1
T2DM	b_cell	<i>SLC14A1</i>	-0.006894637	0.049157202	0.887579875	1
T2DM	b_cell	<i>SLC20A1</i>	-0.003061395	0.013321252	0.887579875	1
T2DM	b_cell	<i>SLC26A10</i>	-0.011560705	0.02974546	0.887579875	1
T2DM	b_cell	<i>SLC2A1-AS1</i>	-0.015342645	0.036719827	0.887579875	1
T2DM	b_cell	<i>SLC44A2</i>	-0.00205687	0.034587081	0.887579875	1
T2DM	b_cell	<i>SLC6A16</i>	-0.003583397	0.027679857	0.887579875	1
T2DM	b_cell	<i>SMARCC1</i>	-0.001345896	0.039915432	0.887579875	1
T2DM	b_cell	<i>SMG7</i>	-0.002462871	0.00822383	0.887579875	1
T2DM	b_cell	<i>SNAP29</i>	-0.003832968	0.034464287	0.887579875	1
T2DM	b_cell	<i>SNHG15</i>	-0.008396602	0.047386107	0.887579875	1
T2DM	b_cell	<i>SP110</i>	-0.001531199	0.028886118	0.887579875	1
T2DM	b_cell	<i>SPAG7</i>	0.003914517	0.038970099	0.887579875	1
T2DM	b_cell	<i>SPNS3</i>	-0.015946753	0.014900617	0.887579875	1
T2DM	b_cell	<i>SRGAP1</i>	0.001948965	0.00682334	0.887579875	1
T2DM	b_cell	<i>SRL</i>	-0.008915765	0.020113135	0.887579875	1
T2DM	b_cell	<i>ST3GAL6</i>	0.004503699	6.73E-05	0.402175941	0.402175941
T2DM	b_cell	<i>STK17A</i>	-0.001198611	0.034562071	0.887579875	1
T2DM	b_cell	<i>SUSD1</i>	-0.002019316	0.033534911	0.887579875	1
T2DM	b_cell	<i>SVEP1</i>	0.001695806	0.006067785	0.887579875	1
T2DM	b_cell	<i>SYNGR2</i>	-0.003793055	0.016059857	0.887579875	1
T2DM	b_cell	<i>TACC3</i>	-0.004810929	0.046868563	0.887579875	1
T2DM	b_cell	<i>TBC1D10C</i>	-0.003727306	0.005585942	0.887579875	1

T2DM	b_cell	<i>TDRD9</i>	-0.009058253	0.045808093	0.887579875	1
T2DM	b_cell	<i>TLN1</i>	-0.002903562	0.01569376	0.887579875	1
T2DM	b_cell	<i>TMC4</i>	-0.009194303	0.038623317	0.887579875	1
T2DM	b_cell	<i>TMEM178B</i>	-0.005258546	0.030493855	0.887579875	1
T2DM	b_cell	<i>TMEM2</i>	-0.002047318	0.006386717	0.887579875	1
T2DM	b_cell	<i>TMEM223</i>	-0.006049498	0.044052905	0.887579875	1
T2DM	b_cell	<i>TMEM38B</i>	-0.005191252	0.031345235	0.887579875	1
T2DM	b_cell	<i>TMEM45B</i>	-0.013578684	0.017734952	0.887579875	1
T2DM	b_cell	<i>TNFRSF12A</i>	-0.010488054	0.037631279	0.887579875	1
T2DM	b_cell	<i>TOMM40</i>	-0.00610331	0.003846039	0.887579875	1
T2DM	b_cell	<i>TPCN2</i>	-0.006132574	0.022301214	0.887579875	1
T2DM	b_cell	<i>TRIM13</i>	-0.002053544	0.036135425	0.887579875	1
T2DM	b_cell	<i>TRPC3</i>	-0.010715956	0.015812542	0.887579875	1
T2DM	b_cell	<i>TRUB1</i>	0.005279679	0.018247792	0.887579875	1
T2DM	b_cell	<i>TSHZ2</i>	0.000539253	0.016909649	0.887579875	1
T2DM	b_cell	<i>TTC1</i>	-0.002324802	0.045199959	0.887579875	1
T2DM	b_cell	<i>UBA6</i>	-0.001934094	0.045975918	0.887579875	1
T2DM	b_cell	<i>UBQLN1</i>	-0.001539908	0.049008679	0.887579875	1
T2DM	b_cell	<i>UBQLNL</i>	-0.04221837	0.025774169	0.887579875	1
T2DM	b_cell	<i>UBXN2B</i>	-0.003467268	0.03418047	0.887579875	1
T2DM	b_cell	<i>WDPCP</i>	0.000923107	0.03970169	0.887579875	1
T2DM	b_cell	<i>WNT16</i>	-0.013219922	0.043222944	0.887579875	1
T2DM	b_cell	<i>XCL2</i>	-0.016416649	0.021909839	0.887579875	1
T2DM	b_cell	<i>ZDHHC2</i>	-0.002964354	0.033590049	0.887579875	1
T2DM	b_cell	<i>ZFYVE28</i>	-0.002065779	0.047359902	0.887579875	1
T2DM	b_cell	<i>ZNF248</i>	0.003119559	0.014271311	0.887579875	1
T2DM	b_cell	<i>ZNF354C</i>	0.004068072	0.009172969	0.887579875	1
T2DM	b_cell	<i>ZNF592</i>	-0.003267217	0.025978378	0.887579875	1
T2DM	b_cell	<i>CCL4L2</i>	-0.004976175	0.021293658	0.887579875	1
T2DM	b_cell	<i>SDC1</i>	-0.013896515	0.033662805	0.887579875	1
T2DM	b_cell	<i>FOXF2</i>	-0.049157912	0.033563491	0.887579875	1
T2DM	b_cell	<i>OR51E2</i>	-0.017906453	0.028764234	0.887579875	1
T2DM	b_cell	<i>PRODH</i>	-0.005353636	0.025182611	0.887579875	1
T2DM	dendritic_cell	<i>AAMP</i>	-0.004468573	0.027489563	0.927722232	1
T2DM	dendritic_cell	<i>ABCA8</i>	0.001227809	0.002137076	0.927722232	1
T2DM	dendritic_cell	<i>ACTN4</i>	-0.001795377	0.016915802	0.927722232	1
T2DM	dendritic_cell	<i>ADAM33</i>	0.002850935	0.026793435	0.927722232	1
T2DM	dendritic_cell	<i>ADAMTS12</i>	0.000940924	0.033351405	0.927722232	1
T2DM	dendritic_cell	<i>ADAMTSL3</i>	0.001236034	0.041335459	0.927722232	1
T2DM	dendritic_cell	<i>ADPRHL1</i>	-0.018407958	0.022106974	0.927722232	1
T2DM	dendritic_cell	<i>AGTPBP1</i>	-0.001453333	0.021826741	0.927722232	1
T2DM	dendritic_cell	<i>AKAP3</i>	-0.020149934	0.042031372	0.927722232	1
T2DM	dendritic_cell	<i>ANGPT4</i>	-0.00561891	0.010171158	0.927722232	1
T2DM	dendritic_cell	<i>ANKLE2</i>	-0.002518303	0.044109553	0.927722232	1
T2DM	dendritic_cell	<i>ANKRD26</i>	0.002881638	0.04239304	0.927722232	1
T2DM	dendritic_cell	<i>ANTXR2</i>	0.000960281	0.046505257	0.927722232	1
T2DM	dendritic_cell	<i>APIAR</i>	0.0029166	0.049331137	0.927722232	1
T2DM	dendritic_cell	<i>APOBEC3G</i>	-0.003563784	0.013850008	0.927722232	1
T2DM	dendritic_cell	<i>APOL5</i>	-0.03215321	0.022170088	0.927722232	1
T2DM	dendritic_cell	<i>ARC</i>	-0.032940092	0.005181222	0.927722232	1
T2DM	dendritic_cell	<i>AREG</i>	-0.015385411	0.034145863	0.927722232	1
T2DM	dendritic_cell	<i>ARHGEF25</i>	-0.00842735	0.012251154	0.927722232	1

T2DM	dendritic_cell	<i>ARPC2</i>	-0.001248106	0.005851408	0.927722232	1
T2DM	dendritic_cell	<i>ARPC5</i>	-0.001923349	0.023445314	0.927722232	1
T2DM	dendritic_cell	<i>ASAP3</i>	0.005084173	0.024429002	0.927722232	1
T2DM	dendritic_cell	<i>ASB16</i>	-0.007917687	0.020551666	0.927722232	1
T2DM	dendritic_cell	<i>ATP2A3</i>	-0.002010554	0.015944658	0.927722232	1
T2DM	dendritic_cell	<i>ATP8A1</i>	-0.001510092	0.008774612	0.927722232	1
T2DM	dendritic_cell	<i>ATR</i>	-0.001368475	0.034515159	0.927722232	1
T2DM	dendritic_cell	<i>ATXN2</i>	0.000966712	0.022232499	0.927722232	1
T2DM	dendritic_cell	<i>B3GALT5</i>	-0.032903129	0.035900866	0.927722232	1
T2DM	dendritic_cell	<i>BCL2L1</i>	-0.002156609	0.021970638	0.927722232	1
T2DM	dendritic_cell	<i>BOC</i>	0.00200337	0.041062133	0.927722232	1
T2DM	dendritic_cell	<i>BRSK2</i>	-0.027699302	0.001694373	0.927722232	1
T2DM	dendritic_cell	<i>BST2</i>	-0.002057626	0.024008895	0.927722232	1
T2DM	dendritic_cell	<i>BTN2A1</i>	-0.004944197	0.014164199	0.927722232	1
T2DM	dendritic_cell	<i>BTN3A1</i>	-0.001838127	0.036042958	0.927722232	1
T2DM	dendritic_cell	<i>C11orf63</i>	0.004202421	0.02164394	0.927722232	1
T2DM	dendritic_cell	<i>C12orf73</i>	-0.004655466	0.042671694	0.927722232	1
T2DM	dendritic_cell	<i>C17orf49</i>	0.027704116	0.00447597	0.927722232	1
T2DM	dendritic_cell	<i>C18orf8</i>	-0.003094138	0.041786005	0.927722232	1
T2DM	dendritic_cell	<i>C2CD2</i>	0.002341085	0.03775804	0.927722232	1
T2DM	dendritic_cell	<i>C2orf40</i>	-0.006331816	0.044003404	0.927722232	1
T2DM	dendritic_cell	<i>CAPN12</i>	-0.00598672	0.032842182	0.927722232	1
T2DM	dendritic_cell	<i>CAPN8</i>	-0.017798315	0.030962401	0.927722232	1
T2DM	dendritic_cell	<i>CARNS1</i>	-0.016586471	0.011223719	0.927722232	1
T2DM	dendritic_cell	<i>CASP8</i>	-0.001440198	0.03826072	0.927722232	1
T2DM	dendritic_cell	<i>CBX6</i>	-0.00383911	0.042524403	0.927722232	1
T2DM	dendritic_cell	<i>CCDC61</i>	-0.01030683	0.028850506	0.927722232	1
T2DM	dendritic_cell	<i>CCDC88C</i>	-0.001153549	0.021749409	0.927722232	1
T2DM	dendritic_cell	<i>CCL4</i>	-0.002231535	0.020695337	0.927722232	1
T2DM	dendritic_cell	<i>CD52</i>	-0.002420109	0.035514137	0.927722232	1
T2DM	dendritic_cell	<i>CEP192</i>	-0.002111759	0.015077729	0.927722232	1
T2DM	dendritic_cell	<i>CISD1</i>	-0.004351294	0.0466315	0.927722232	1
T2DM	dendritic_cell	<i>CLEC18A</i>	-0.040480397	0.034124769	0.927722232	1
T2DM	dendritic_cell	<i>CLEC4G</i>	-0.024194405	0.024213815	0.927722232	1
T2DM	dendritic_cell	<i>CLSTN2</i>	0.002543196	0.028872843	0.927722232	1
T2DM	dendritic_cell	<i>CNDP2</i>	-0.004045154	0.031817847	0.927722232	1
T2DM	dendritic_cell	<i>CNNM3</i>	-0.005821333	0.038177872	0.927722232	1
T2DM	dendritic_cell	<i>COL21A1</i>	-0.00308426	0.025184044	0.927722232	1
T2DM	dendritic_cell	<i>COL8A1</i>	0.002380183	0.022823229	0.927722232	1
T2DM	dendritic_cell	<i>COLEC11</i>	-0.009731	0.004497301	0.927722232	1
T2DM	dendritic_cell	<i>CTNNA3</i>	-0.000940826	0.035819127	0.927722232	1
T2DM	dendritic_cell	<i>CTSC</i>	-0.001339496	0.048433759	0.927722232	1
T2DM	dendritic_cell	<i>CTU2</i>	-0.007136553	0.020566308	0.927722232	1
T2DM	dendritic_cell	<i>CYB5D2</i>	-0.003849861	0.015568281	0.927722232	1
T2DM	dendritic_cell	<i>CYBA</i>	-0.001325515	0.008816347	0.927722232	1
T2DM	dendritic_cell	<i>DCBLD2</i>	0.002419194	0.029746705	0.927722232	1
T2DM	dendritic_cell	<i>DDBI</i>	-0.002565486	0.046022872	0.927722232	1
T2DM	dendritic_cell	<i>DNAJC27</i>	-0.005385553	0.029432191	0.927722232	1
T2DM	dendritic_cell	<i>DNAJC6</i>	-0.006147282	0.006383962	0.927722232	1
T2DM	dendritic_cell	<i>DOCK7</i>	0.002310239	0.02982396	0.927722232	1
T2DM	dendritic_cell	<i>DPY19L4</i>	0.005102083	0.012415533	0.927722232	1
T2DM	dendritic_cell	<i>EAF2</i>	-0.00172257	0.048708319	0.927722232	1

T2DM	dendritic_cell <i>EFCAB2</i>	0.003143707	0.011129798	0.927722232	1
T2DM	dendritic_cell <i>EFEMP1</i>	0.001241044	0.041399328	0.927722232	1
T2DM	dendritic_cell <i>EFHB</i>	-0.005242749	0.035635645	0.927722232	1
T2DM	dendritic_cell <i>ELAC2</i>	-0.005030999	0.016291609	0.927722232	1
T2DM	dendritic_cell <i>ENPP4</i>	-0.005819232	0.048569676	0.927722232	1
T2DM	dendritic_cell <i>EPN2</i>	0.001261218	0.032232891	0.927722232	1
T2DM	dendritic_cell <i>ETV4</i>	-0.004341977	0.045519232	0.927722232	1
T2DM	dendritic_cell <i>EXOC1</i>	-0.001476298	0.027439869	0.927722232	1
T2DM	dendritic_cell <i>FAM72B</i>	-0.013268381	0.034905035	0.927722232	1
T2DM	dendritic_cell <i>FASN</i>	0.00464781	0.039409397	0.927722232	1
T2DM	dendritic_cell <i>FBN3</i>	-0.013835864	0.04806176	0.927722232	1
T2DM	dendritic_cell <i>FLRT2</i>	0.000986148	0.039579963	0.927722232	1
T2DM	dendritic_cell <i>FLT3</i>	0.002172691	0.046552913	0.927722232	1
T2DM	dendritic_cell <i>FOXP2</i>	0.001127912	0.038225776	0.927722232	1
T2DM	dendritic_cell <i>FSTL1</i>	0.000985939	0.037340822	0.927722232	1
T2DM	dendritic_cell <i>GABPB2</i>	-0.002308726	0.018410488	0.927722232	1
T2DM	dendritic_cell <i>GAK</i>	-0.002632277	0.04839864	0.927722232	1
T2DM	dendritic_cell <i>GCC2</i>	-0.001427429	0.015989716	0.927722232	1
T2DM	dendritic_cell <i>GDF9</i>	-0.021148528	0.034511797	0.927722232	1
T2DM	dendritic_cell <i>GGNBP2</i>	-0.001582105	0.027767886	0.927722232	1
T2DM	dendritic_cell <i>GIMAP1</i>	-0.004830001	0.019352419	0.927722232	1
T2DM	dendritic_cell <i>GIMAP4</i>	-0.004196401	0.01610631	0.927722232	1
T2DM	dendritic_cell <i>GLB1</i>	-0.002028354	0.045298429	0.927722232	1
T2DM	dendritic_cell <i>GLDN</i>	-0.002685648	0.035330584	0.927722232	1
T2DM	dendritic_cell <i>GMEB2</i>	-0.005944644	0.037441185	0.927722232	1
T2DM	dendritic_cell <i>GOLIM4</i>	0.003642103	0.009107695	0.927722232	1
T2DM	dendritic_cell <i>GP6</i>	-0.005805255	0.035122141	0.927722232	1
T2DM	dendritic_cell <i>GPR160</i>	-0.004370491	0.042504004	0.927722232	1
T2DM	dendritic_cell <i>GPRC5C</i>	-0.00739562	0.030390016	0.927722232	1
T2DM	dendritic_cell <i>GRIN2A</i>	-0.003810093	0.013114411	0.927722232	1
T2DM	dendritic_cell <i>GUCA1B</i>	-0.011167656	0.045801723	0.927722232	1
T2DM	dendritic_cell <i>H3F3A</i>	-0.003637034	0.014049884	0.927722232	1
T2DM	dendritic_cell <i>HEXDC</i>	-0.002808348	0.010108429	0.927722232	1
T2DM	dendritic_cell <i>HFMI</i>	0.004186704	0.011092147	0.927722232	1
T2DM	dendritic_cell <i>HLA-A</i>	-0.000856274	0.035101562	0.927722232	1
T2DM	dendritic_cell <i>HLA-B</i>	-0.000670728	0.022370637	0.927722232	1
T2DM	dendritic_cell <i>HLA-C</i>	-0.000920589	0.03101043	0.927722232	1
T2DM	dendritic_cell <i>HRAS</i>	-0.006764051	0.03272687	0.927722232	1
T2DM	dendritic_cell <i>HS6ST3</i>	-0.006078591	0.029202181	0.927722232	1
T2DM	dendritic_cell <i>ICAM3</i>	-0.004742006	0.024557866	0.927722232	1
T2DM	dendritic_cell <i>IFIT5</i>	-0.011261709	0.008455249	0.927722232	1
T2DM	dendritic_cell <i>IFNAR2</i>	-0.00122532	0.037085567	0.927722232	1
T2DM	dendritic_cell <i>IGFLR1</i>	-0.020289999	0.00965687	0.927722232	1
T2DM	dendritic_cell <i>IKBKE</i>	-0.007388116	0.017366958	0.927722232	1
T2DM	dendritic_cell <i>IKZF3</i>	-0.000915829	0.031662012	0.927722232	1
T2DM	dendritic_cell <i>IL12RB1</i>	-0.00467064	0.018401609	0.927722232	1
T2DM	dendritic_cell <i>INPP4A</i>	-0.001064252	0.04644924	0.927722232	1
T2DM	dendritic_cell <i>ITGA11</i>	0.001518915	0.049222042	0.927722232	1
T2DM	dendritic_cell <i>ITGA4</i>	-0.000768246	0.047356216	0.927722232	1
T2DM	dendritic_cell <i>KBTBD12</i>	-0.006558954	0.026022405	0.927722232	1
T2DM	dendritic_cell <i>KCNC4</i>	-0.006739472	0.02418388	0.927722232	1
T2DM	dendritic_cell <i>KCNN2</i>	0.016277127	7.48E-05	0.446745934	0.446745934

T2DM	dendritic_cell	<i>LAMA4</i>	0.000785845	0.017396214	0.927722232	1
T2DM	dendritic_cell	<i>LBH</i>	-0.002154099	0.011154978	0.927722232	1
T2DM	dendritic_cell	<i>LDB3</i>	-0.002250229	0.039532024	0.927722232	1
T2DM	dendritic_cell	<i>LGALS9</i>	-0.007608217	0.022446349	0.927722232	1
T2DM	dendritic_cell	<i>LIG1</i>	-0.004828967	0.036726919	0.927722232	1
T2DM	dendritic_cell	<i>LILRA2</i>	-0.007589788	0.028714547	0.927722232	1
T2DM	dendritic_cell	<i>LINC00702</i>	-0.004971347	0.020528288	0.927722232	1
T2DM	dendritic_cell	<i>LINC00969</i>	0.002270259	0.010775108	0.927722232	1
T2DM	dendritic_cell	<i>LLGL2</i>	-0.002986193	0.012676789	0.927722232	1
T2DM	dendritic_cell	<i>LMO3</i>	0.001659615	0.024104892	0.927722232	1
T2DM	dendritic_cell	<i>LPCAT1</i>	-0.003028949	0.038844278	0.927722232	1
T2DM	dendritic_cell	<i>LRMP</i>	-0.001106222	0.049569702	0.927722232	1
T2DM	dendritic_cell	<i>MEI1</i>	-0.005398628	0.047944396	0.927722232	1
T2DM	dendritic_cell	<i>METTL21C</i>	-0.027929248	0.048394321	0.927722232	1
T2DM	dendritic_cell	<i>MGST1</i>	0.001125289	0.008011028	0.927722232	1
T2DM	dendritic_cell	<i>MMP16</i>	0.001980314	0.036639494	0.927722232	1
T2DM	dendritic_cell	<i>MX1</i>	-0.004014117	0.03817533	0.927722232	1
T2DM	dendritic_cell	<i>MYH7B</i>	-0.00919635	0.008389051	0.927722232	1
T2DM	dendritic_cell	<i>MYOM2</i>	-0.011461536	0.040270172	0.927722232	1
T2DM	dendritic_cell	<i>NDE1</i>	-0.00151463	0.015048256	0.927722232	1
T2DM	dendritic_cell	<i>NEK11</i>	0.003386107	0.006187155	0.927722232	1
T2DM	dendritic_cell	<i>NEK5</i>	-0.005583938	0.042492265	0.927722232	1
T2DM	dendritic_cell	<i>NLRP2</i>	-0.00829473	0.031758259	0.927722232	1
T2DM	dendritic_cell	<i>NOM1</i>	0.002935754	0.016446877	0.927722232	1
T2DM	dendritic_cell	<i>NPC1L1</i>	-0.014756169	0.039183269	0.927722232	1
T2DM	dendritic_cell	<i>NPNT</i>	-0.002620805	0.034238183	0.927722232	1
T2DM	dendritic_cell	<i>NUAK2</i>	-0.005572953	0.049545441	0.927722232	1
T2DM	dendritic_cell	<i>OTOGL</i>	-0.017033701	0.01982041	0.927722232	1
T2DM	dendritic_cell	<i>PAPSS2</i>	0.001615076	0.032537115	0.927722232	1
T2DM	dendritic_cell	<i>PARP15</i>	-0.001675859	0.022276111	0.927722232	1
T2DM	dendritic_cell	<i>PBX1</i>	0.000685574	0.044108343	0.927722232	1
T2DM	dendritic_cell	<i>PCGF5</i>	-0.002574635	0.008749477	0.927722232	1
T2DM	dendritic_cell	<i>PCOLCE2</i>	0.001175067	0.020904384	0.927722232	1
T2DM	dendritic_cell	<i>PCSK7</i>	-0.001635693	0.018782908	0.927722232	1
T2DM	dendritic_cell	<i>PDCD10</i>	-0.001716085	0.039008083	0.927722232	1
T2DM	dendritic_cell	<i>PDE1B</i>	-0.003729769	0.047916817	0.927722232	1
T2DM	dendritic_cell	<i>PDE4C</i>	-0.004957974	0.023219049	0.927722232	1
T2DM	dendritic_cell	<i>PDE6G</i>	-0.032753788	0.003406541	0.927722232	1
T2DM	dendritic_cell	<i>PDLIM4</i>	-0.009712846	0.033824276	0.927722232	1
T2DM	dendritic_cell	<i>PHLDB1</i>	0.00141495	0.04636525	0.927722232	1
T2DM	dendritic_cell	<i>PII6</i>	0.001990233	0.002848772	0.927722232	1
T2DM	dendritic_cell	<i>PLA1A</i>	-0.035170589	0.00375702	0.927722232	1
T2DM	dendritic_cell	<i>PLAT</i>	0.002866385	0.043248693	0.927722232	1
T2DM	dendritic_cell	<i>PLCB2</i>	-0.003145497	0.042519839	0.927722232	1
T2DM	dendritic_cell	<i>PMEL</i>	-0.011105049	0.002897196	0.927722232	1
T2DM	dendritic_cell	<i>POLB</i>	-0.003669045	0.033020407	0.927722232	1
T2DM	dendritic_cell	<i>PP2D1</i>	0.003678558	0.046422855	0.927722232	1
T2DM	dendritic_cell	<i>PROB1</i>	-0.031168214	0.012035371	0.927722232	1
T2DM	dendritic_cell	<i>PSTPIP1</i>	-0.003704776	0.007629335	0.927722232	1
T2DM	dendritic_cell	<i>PTGDR</i>	-0.002528845	0.00868918	0.927722232	1
T2DM	dendritic_cell	<i>PYCR2</i>	-0.006461559	0.031785738	0.927722232	1
T2DM	dendritic_cell	<i>RAB37</i>	-0.004822922	0.006353218	0.927722232	1

T2DM	dendritic_cell	<i>RAD51C</i>	-0.00320692	0.038501238	0.927722232	1
T2DM	dendritic_cell	<i>RASAL3</i>	-0.002315961	0.040118153	0.927722232	1
T2DM	dendritic_cell	<i>RASSF1</i>	-0.001897517	0.031603683	0.927722232	1
T2DM	dendritic_cell	<i>RBM8A</i>	-0.004967724	0.032448143	0.927722232	1
T2DM	dendritic_cell	<i>RCSD1</i>	-0.000896181	0.029678263	0.927722232	1
T2DM	dendritic_cell	<i>RELL1</i>	-0.002281271	0.014130791	0.927722232	1
T2DM	dendritic_cell	<i>RGS7BP</i>	-0.009387517	0.010307753	0.927722232	1
T2DM	dendritic_cell	<i>RHOBTB3</i>	0.001859763	0.000153536	0.458764747	0.917529495
T2DM	dendritic_cell	<i>RMDN3</i>	-0.004092488	0.042638668	0.927722232	1
T2DM	dendritic_cell	<i>RNF166</i>	-0.003450921	0.04539324	0.927722232	1
T2DM	dendritic_cell	<i>RPS6KB2</i>	-0.005913779	0.040605775	0.927722232	1
T2DM	dendritic_cell	<i>RTN4</i>	0.001280056	0.047725331	0.927722232	1
T2DM	dendritic_cell	<i>SERPINI1</i>	-0.004799824	0.00726415	0.927722232	1
T2DM	dendritic_cell	<i>SFTPD</i>	-0.007610833	0.037429577	0.927722232	1
T2DM	dendritic_cell	<i>SH3BGRL3</i>	-0.002199441	0.024623164	0.927722232	1
T2DM	dendritic_cell	<i>SH3D19</i>	0.000741173	0.041408698	0.927722232	1
T2DM	dendritic_cell	<i>SH3RF3-AS1</i>	-0.034213761	0.021134631	0.927722232	1
T2DM	dendritic_cell	<i>SLC14A1</i>	-0.007739225	0.027184192	0.927722232	1
T2DM	dendritic_cell	<i>SLC22A5</i>	-0.005703991	0.016886561	0.927722232	1
T2DM	dendritic_cell	<i>SLC25A3</i>	-0.003842058	0.029224585	0.927722232	1
T2DM	dendritic_cell	<i>SLC25A32</i>	0.003466209	0.020173942	0.927722232	1
T2DM	dendritic_cell	<i>SLC37A1</i>	-0.004042279	0.019547503	0.927722232	1
T2DM	dendritic_cell	<i>SLC41A2</i>	0.003166013	0.0133529	0.927722232	1
T2DM	dendritic_cell	<i>SLC44A2</i>	-0.002100081	0.030930226	0.927722232	1
T2DM	dendritic_cell	<i>SLC7A4</i>	-0.025177837	0.040135101	0.927722232	1
T2DM	dendritic_cell	<i>SLC9A3R1</i>	-0.003535337	0.040320781	0.927722232	1
T2DM	dendritic_cell	<i>SLFN12L</i>	-0.00078351	0.043495652	0.927722232	1
T2DM	dendritic_cell	<i>SLFN13</i>	-0.008029955	0.012344834	0.927722232	1
T2DM	dendritic_cell	<i>SMG7</i>	-0.002050412	0.027782999	0.927722232	1
T2DM	dendritic_cell	<i>SNX18</i>	-0.003627926	0.032055508	0.927722232	1
T2DM	dendritic_cell	<i>SP110</i>	-0.001625891	0.02049405	0.927722232	1
T2DM	dendritic_cell	<i>SPATA22</i>	0.002516752	0.03845141	0.927722232	1
T2DM	dendritic_cell	<i>SPATA9</i>	0.00467412	0.000861518	0.927722232	1
T2DM	dendritic_cell	<i>SPNS3</i>	-0.015318454	0.019861965	0.927722232	1
T2DM	dendritic_cell	<i>SPTBN1</i>	0.00065058	0.033065568	0.927722232	1
T2DM	dendritic_cell	<i>SRGAP1</i>	0.002151367	0.002799651	0.927722232	1
T2DM	dendritic_cell	<i>ST3GAL6</i>	0.002925961	0.009559094	0.927722232	1
T2DM	dendritic_cell	<i>STIM2</i>	-0.001878242	0.035160174	0.927722232	1
T2DM	dendritic_cell	<i>STK17A</i>	-0.00126843	0.025291848	0.927722232	1
T2DM	dendritic_cell	<i>STRN4</i>	-0.004403654	0.043703409	0.927722232	1
T2DM	dendritic_cell	<i>SVEP1</i>	0.001968106	0.001468204	0.927722232	1
T2DM	dendritic_cell	<i>TAPBPL</i>	-0.004801477	0.011023122	0.927722232	1
T2DM	dendritic_cell	<i>TBC1D10C</i>	-0.00303918	0.023789361	0.927722232	1
T2DM	dendritic_cell	<i>TEPP</i>	-0.019073123	0.03971007	0.927722232	1
T2DM	dendritic_cell	<i>TEX29</i>	-0.015499291	0.01091536	0.927722232	1
T2DM	dendritic_cell	<i>TIFA</i>	-0.011073113	0.036405154	0.927722232	1
T2DM	dendritic_cell	<i>TLE6</i>	-0.026816764	0.017874197	0.927722232	1
T2DM	dendritic_cell	<i>TLN1</i>	-0.002445946	0.041894948	0.927722232	1
T2DM	dendritic_cell	<i>TMC6</i>	-0.003967392	0.004510624	0.927722232	1
T2DM	dendritic_cell	<i>TMEM132B</i>	-0.011594508	0.044182769	0.927722232	1
T2DM	dendritic_cell	<i>TNK2</i>	-0.003967669	0.043617037	0.927722232	1
T2DM	dendritic_cell	<i>TNKS2</i>	-0.003032907	0.005293858	0.927722232	1

T2DM	dendritic_cell	<i>TRDMT1</i>	-0.003292185	0.016251931	0.927722232	1
T2DM	dendritic_cell	<i>TRPC3</i>	-0.010514668	0.017827337	0.927722232	1
T2DM	dendritic_cell	<i>TSHZ2</i>	0.0005732	0.011096647	0.927722232	1
T2DM	dendritic_cell	<i>TSPAN13</i>	-0.005695057	0.008007374	0.927722232	1
T2DM	dendritic_cell	<i>TTK</i>	-0.039361413	0.033860561	0.927722232	1
T2DM	dendritic_cell	<i>TXNDC5</i>	-0.0227557	0.037686884	0.927722232	1
T2DM	dendritic_cell	<i>VANGL2</i>	-0.016062357	0.047811269	0.927722232	1
T2DM	dendritic_cell	<i>VCAMI</i>	-0.005301666	0.005684698	0.927722232	1
T2DM	dendritic_cell	<i>VPS37C</i>	-0.004350933	0.018181666	0.927722232	1
T2DM	dendritic_cell	<i>WAC</i>	-0.000942942	0.023864127	0.927722232	1
T2DM	dendritic_cell	<i>WDPCP</i>	0.001423262	0.001573113	0.927722232	1
T2DM	dendritic_cell	<i>WDR19</i>	0.002938068	0.048451328	0.927722232	1
T2DM	dendritic_cell	<i>WTIP</i>	-0.002228115	0.040181577	0.927722232	1
T2DM	dendritic_cell	<i>ZNF200</i>	-0.010269576	0.005327323	0.927722232	1
T2DM	dendritic_cell	<i>ZNF248</i>	0.003045766	0.016011063	0.927722232	1
T2DM	dendritic_cell	<i>ZNF432</i>	-0.003984914	0.047908843	0.927722232	1
T2DM	dendritic_cell	<i>ZNF740</i>	-0.005718832	0.032449161	0.927722232	1
T2DM	dendritic_cell	<i>ZNF773</i>	-0.006224288	0.038656778	0.927722232	1
T2DM	dendritic_cell	<i>ZNF799</i>	-0.019879714	0.043788994	0.927722232	1
T2DM	dendritic_cell	<i>ZSWIM1</i>	-0.010391399	0.040950903	0.927722232	1
T2DM	dendritic_cell	<i>CCL4L2</i>	-0.004607059	0.032969245	0.927722232	1
T2DM	dendritic_cell	<i>FXVD3</i>	-0.033130166	0.048421361	0.927722232	1
T2DM	dendritic_cell	<i>LEFTY1</i>	-0.07705246	0.033917761	0.927722232	1
T2DM	dendritic_cell	<i>OR52N4</i>	-0.075770595	0.035353993	0.927722232	1
T2DM	dendritic_cell	<i>RPRML</i>	-0.006397265	0.007890281	0.927722232	1
T2DM	dendritic_cell	<i>NPTX2</i>	-0.046853691	0.01135494	0.927722232	1
T2DM	dendritic_cell	<i>SERPINA3</i>	-0.00439133	0.045209439	0.927722232	1
T2DM	dendritic_cell	<i>KIR3DL1</i>	-0.019634762	0.043433595	0.927722232	1
T2DM	dendritic_cell	<i>KLHDC7A</i>	-0.063438405	0.00266786	0.927722232	1
T2DM	dendritic_cell	<i>OR51E2</i>	-0.018698267	0.022458553	0.927722232	1
T2DM	dendritic_cell	<i>PGA3</i>	-0.002542468	0.029940174	0.927722232	1
T2DM	dendritic_cell	<i>LINC01123</i>	-0.009543276	0.018883898	0.927722232	1
T2DM	dendritic_cell	<i>SIGLEC5</i>	-0.004381107	0.015447672	0.927722232	1
T2DM	dendritic_cell	<i>PGA5</i>	-0.05316384	0.026129895	0.927722232	1
T2DM	dendritic_cell	<i>AMY2A</i>	-0.007584392	0.048789707	0.927722232	1
T2DM	endothelial	<i>ABCA8</i>	0.000816998	0.041279352	0.99884416	1
T2DM	endothelial	<i>ABCB1</i>	-0.003300954	0.038266086	0.99884416	1
T2DM	endothelial	<i>AC067945.3</i>	-0.007926565	0.003914788	0.99884416	1
T2DM	endothelial	<i>AC079776.2</i>	-0.016424587	0.046099155	0.99884416	1
T2DM	endothelial	<i>ACTN4</i>	-0.001712498	0.022725185	0.99884416	1
T2DM	endothelial	<i>ACTR3</i>	-0.001308446	0.044551918	0.99884416	1
T2DM	endothelial	<i>ADAM33</i>	0.002991417	0.020078079	0.99884416	1
T2DM	endothelial	<i>ADAM8</i>	-0.007004089	0.001662415	0.99884416	1
T2DM	endothelial	<i>ADAMTS6</i>	0.002326098	0.033721706	0.99884416	1
T2DM	endothelial	<i>ADAMTSL3</i>	0.001496631	0.013469078	0.99884416	1
T2DM	endothelial	<i>ADH1B</i>	0.001256244	0.012207049	0.99884416	1
T2DM	endothelial	<i>ADO</i>	-0.012566708	0.038435735	0.99884416	1
T2DM	endothelial	<i>AGTPBP1</i>	-0.001829103	0.003843349	0.99884416	1
T2DM	endothelial	<i>ANGPT4</i>	-0.00465172	0.033153344	0.99884416	1
T2DM	endothelial	<i>ANKDD1A</i>	-0.002273747	0.045201868	0.99884416	1
T2DM	endothelial	<i>ANKRD26</i>	0.002929998	0.039998217	0.99884416	1
T2DM	endothelial	<i>ANKRD29</i>	-0.001967073	0.017582373	0.99884416	1

T2DM	endothelial	<i>AOAH</i>	-0.000528232	0.014739156	0.99884416	1
T2DM	endothelial	<i>ARSG</i>	-0.001939699	0.032913686	0.99884416	1
T2DM	endothelial	<i>ASXL3</i>	-0.008623174	0.027287324	0.99884416	1
T2DM	endothelial	<i>ATAD2</i>	-0.003204763	0.022858638	0.99884416	1
T2DM	endothelial	<i>ATP11B</i>	-0.001745939	0.018203541	0.99884416	1
T2DM	endothelial	<i>ATP1B2</i>	-0.014848029	0.044040207	0.99884416	1
T2DM	endothelial	<i>ATP2A3</i>	-0.001816029	0.029256029	0.99884416	1
T2DM	endothelial	<i>ATP6AP1L</i>	0.006057581	0.004053753	0.99884416	1
T2DM	endothelial	<i>ATP8A1</i>	-0.001554711	0.006960526	0.99884416	1
T2DM	endothelial	<i>BAD</i>	0.005746359	0.017234507	0.99884416	1
T2DM	endothelial	<i>BCL2L1</i>	-0.002699295	0.004176367	0.99884416	1
T2DM	endothelial	<i>BICC1</i>	0.001105091	0.03071104	0.99884416	1
T2DM	endothelial	<i>BOC</i>	0.002013287	0.03991493	0.99884416	1
T2DM	endothelial	<i>BRSK2</i>	-0.017296946	0.04944716	0.99884416	1
T2DM	endothelial	<i>BST2</i>	-0.002277646	0.012481327	0.99884416	1
T2DM	endothelial	<i>BTC</i>	0.008498249	0.036071957	0.99884416	1
T2DM	endothelial	<i>BTN2A1</i>	-0.005335173	0.007935729	0.99884416	1
T2DM	endothelial	<i>BTN3A1</i>	-0.002680291	0.002185956	0.99884416	1
T2DM	endothelial	<i>C1QL3</i>	-0.011128842	0.018286145	0.99884416	1
T2DM	endothelial	<i>C2CD2</i>	0.00301424	0.007460539	0.99884416	1
T2DM	endothelial	<i>C4BPB</i>	-0.010251033	0.036818974	0.99884416	1
T2DM	endothelial	<i>C8orf46</i>	0.006864709	0.023471162	0.99884416	1
T2DM	endothelial	<i>CASP1</i>	-0.003359771	0.046783512	0.99884416	1
T2DM	endothelial	<i>CAT</i>	0.001797792	0.044497374	0.99884416	1
T2DM	endothelial	<i>CBLN3</i>	-0.01033351	0.04973882	0.99884416	1
T2DM	endothelial	<i>CCDC88C</i>	-0.001374239	0.006241879	0.99884416	1
T2DM	endothelial	<i>CD37</i>	-0.001782464	0.038094164	0.99884416	1
T2DM	endothelial	<i>CD52</i>	-0.002555525	0.026493541	0.99884416	1
T2DM	endothelial	<i>CDC42SE1</i>	-0.001909687	0.045666371	0.99884416	1
T2DM	endothelial	<i>CDC42SE2</i>	-0.000667576	0.036651928	0.99884416	1
T2DM	endothelial	<i>CDH6</i>	-0.001536455	0.01413105	0.99884416	1
T2DM	endothelial	<i>CDKN2D</i>	-0.007855319	0.040010572	0.99884416	1
T2DM	endothelial	<i>CDON</i>	0.00175921	0.022259739	0.99884416	1
T2DM	endothelial	<i>CEP41</i>	0.008287323	0.045586759	0.99884416	1
T2DM	endothelial	<i>CLIC5</i>	-0.003619432	0.026930199	0.99884416	1
T2DM	endothelial	<i>CLNS1A</i>	0.003270682	0.004190412	0.99884416	1
T2DM	endothelial	<i>CNIH1</i>	-0.003902394	0.038164063	0.99884416	1
T2DM	endothelial	<i>CNOT2</i>	-0.002250695	0.022993814	0.99884416	1
T2DM	endothelial	<i>CNOT6L</i>	-0.00147586	0.022126423	0.99884416	1
T2DM	endothelial	<i>COL12A1</i>	0.001724477	0.022038723	0.99884416	1
T2DM	endothelial	<i>COL21A1</i>	-0.003949569	0.004154814	0.99884416	1
T2DM	endothelial	<i>COLEC11</i>	0.007995095	0.019608413	0.99884416	1
T2DM	endothelial	<i>CORO1A</i>	-0.003718384	0.015808998	0.99884416	1
T2DM	endothelial	<i>COX4I2</i>	-0.004338821	0.031374291	0.99884416	1
T2DM	endothelial	<i>CRELD2</i>	-0.005228862	0.043945449	0.99884416	1
T2DM	endothelial	<i>CRHR2</i>	-0.026592327	0.048007373	0.99884416	1
T2DM	endothelial	<i>CRIM1</i>	-0.000909018	0.022702102	0.99884416	1
T2DM	endothelial	<i>CSDC2</i>	-0.013735396	0.00976402	0.99884416	1
T2DM	endothelial	<i>CTNNA3</i>	-0.001006937	0.024537597	0.99884416	1
T2DM	endothelial	<i>CTSC</i>	-0.001483898	0.028876692	0.99884416	1
T2DM	endothelial	<i>CYBA</i>	-0.001048297	0.038374277	0.99884416	1
T2DM	endothelial	<i>CYTH1</i>	-0.001085046	0.006352042	0.99884416	1

T2DM	endothelial	<i>DCBLD2</i>	0.00280669	0.011888929	0.99884416	1
T2DM	endothelial	<i>DENND4B</i>	-0.003214997	0.027363755	0.99884416	1
T2DM	endothelial	<i>DNAJC27</i>	-0.005655397	0.021779085	0.99884416	1
T2DM	endothelial	<i>DNAJC6</i>	-0.004669004	0.038199336	0.99884416	1
T2DM	endothelial	<i>DUSP23</i>	-0.010034407	0.044994081	0.99884416	1
T2DM	endothelial	<i>ECM2</i>	0.002307252	0.007166119	0.99884416	1
T2DM	endothelial	<i>EFEMP1</i>	0.001736586	0.004328322	0.99884416	1
T2DM	endothelial	<i>EGFR</i>	0.001014334	0.048914569	0.99884416	1
T2DM	endothelial	<i>EPB41</i>	-0.000992761	0.032698418	0.99884416	1
T2DM	endothelial	<i>EPHB6</i>	-0.007872132	0.027152844	0.99884416	1
T2DM	endothelial	<i>ERAP2</i>	-0.00276131	0.00573589	0.99884416	1
T2DM	endothelial	<i>ESYT2</i>	-0.000939272	0.040220743	0.99884416	1
T2DM	endothelial	<i>FAM107A</i>	-0.008074562	0.003268152	0.99884416	1
T2DM	endothelial	<i>FAM114A1</i>	0.00240887	0.047152282	0.99884416	1
T2DM	endothelial	<i>FAM153B</i>	-0.011472092	0.013558679	0.99884416	1
T2DM	endothelial	<i>FAM47E-STBD1</i>	0.013115078	0.044583071	0.99884416	1
T2DM	endothelial	<i>FBLN1</i>	0.001325658	0.042845959	0.99884416	1
T2DM	endothelial	<i>FEZ1</i>	-0.005542466	0.042153225	0.99884416	1
T2DM	endothelial	<i>FNBPI</i>	-0.000853562	0.043588754	0.99884416	1
T2DM	endothelial	<i>FOXP2</i>	0.001165119	0.032321517	0.99884416	1
T2DM	endothelial	<i>FOXS1</i>	-0.030863681	0.003189568	0.99884416	1
T2DM	endothelial	<i>FXYD5</i>	-0.003824225	0.009652417	0.99884416	1
T2DM	endothelial	<i>GCC2</i>	-0.001331993	0.024648677	0.99884416	1
T2DM	endothelial	<i>GDPGP1</i>	-0.018112874	0.017866056	0.99884416	1
T2DM	endothelial	<i>GFOD1</i>	-0.00194684	0.013191302	0.99884416	1
T2DM	endothelial	<i>GIMAP1</i>	-0.004861802	0.018505622	0.99884416	1
T2DM	endothelial	<i>GIMAP4</i>	-0.003720152	0.03302815	0.99884416	1
T2DM	endothelial	<i>GLDN</i>	-0.002560144	0.044802001	0.99884416	1
T2DM	endothelial	<i>GMPS</i>	0.002742369	0.007900048	0.99884416	1
T2DM	endothelial	<i>GNLY</i>	-0.000608665	0.045126358	0.99884416	1
T2DM	endothelial	<i>GOSR1</i>	-0.002532081	0.001013349	0.99884416	1
T2DM	endothelial	<i>GPR17</i>	-0.010672616	0.028165948	0.99884416	1
T2DM	endothelial	<i>GPR63</i>	-0.008948492	0.019586712	0.99884416	1
T2DM	endothelial	<i>GPRC5C</i>	-0.007779955	0.022633339	0.99884416	1
T2DM	endothelial	<i>GREB1L</i>	0.002292705	0.013593398	0.99884416	1
T2DM	endothelial	<i>GRID2IP</i>	-0.007474126	0.046726508	0.99884416	1
T2DM	endothelial	<i>GRIN2A</i>	-0.003547244	0.020755505	0.99884416	1
T2DM	endothelial	<i>GRN</i>	0.002880091	0.030267973	0.99884416	1
T2DM	endothelial	<i>GSAP</i>	-0.001415834	0.005922475	0.99884416	1
T2DM	endothelial	<i>GXYLT2</i>	0.003818566	0.019480669	0.99884416	1
T2DM	endothelial	<i>HEATR6</i>	0.004601482	0.025806495	0.99884416	1
T2DM	endothelial	<i>HIST1H2BJ</i>	-0.038482588	0.044682493	0.99884416	1
T2DM	endothelial	<i>HLA-B</i>	-0.000774527	0.008351876	0.99884416	1
T2DM	endothelial	<i>HLA-C</i>	-0.001021714	0.016638077	0.99884416	1
T2DM	endothelial	<i>HLA-E</i>	-0.001210948	0.022429131	0.99884416	1
T2DM	endothelial	<i>HOPX</i>	-0.009128502	0.020817812	0.99884416	1
T2DM	endothelial	<i>HPR</i>	-0.015615931	0.018236019	0.99884416	1
T2DM	endothelial	<i>HPS3</i>	-0.00422033	0.023199659	0.99884416	1
T2DM	endothelial	<i>HSPA12A</i>	0.002166375	0.034861255	0.99884416	1
T2DM	endothelial	<i>ICAM3</i>	-0.004820841	0.022239523	0.99884416	1
T2DM	endothelial	<i>IFNAR2</i>	-0.001464951	0.012733092	0.99884416	1
T2DM	endothelial	<i>IL15</i>	-0.001841617	0.04042382	0.99884416	1

T2DM	endothelial	<i>IL27RA</i>	-0.003368647	0.030411535	0.99884416	1
T2DM	endothelial	<i>ILK</i>	-0.004333198	0.009436944	0.99884416	1
T2DM	endothelial	<i>INSIG2</i>	0.005347124	0.048305686	0.99884416	1
T2DM	endothelial	<i>ITGA11</i>	0.002029707	0.008643575	0.99884416	1
T2DM	endothelial	<i>ITGA4</i>	-0.000864029	0.025613004	0.99884416	1
T2DM	endothelial	<i>JAKMIP3</i>	0.024315186	0.021749541	0.99884416	1
T2DM	endothelial	<i>KCTD8</i>	0.002759994	0.029325105	0.99884416	1
T2DM	endothelial	<i>KIAA0391</i>	-0.016765287	0.031958469	0.99884416	1
T2DM	endothelial	<i>KIAA1211L</i>	-0.007620563	0.026097959	0.99884416	1
T2DM	endothelial	<i>KLRD1</i>	-0.000995738	0.041809832	0.99884416	1
T2DM	endothelial	<i>KPNA4</i>	-0.001362603	0.040957442	0.99884416	1
T2DM	endothelial	<i>LITD1</i>	-0.025317644	0.047490338	0.99884416	1
T2DM	endothelial	<i>LAMA4</i>	0.000855763	0.009640463	0.99884416	1
T2DM	endothelial	<i>LBH</i>	-0.002579938	0.002349278	0.99884416	1
T2DM	endothelial	<i>LCLAT1</i>	-0.003140179	0.006409879	0.99884416	1
T2DM	endothelial	<i>LDB3</i>	-0.002242357	0.039954832	0.99884416	1
T2DM	endothelial	<i>LGALS9</i>	-0.00757448	0.023463773	0.99884416	1
T2DM	endothelial	<i>LIMS2</i>	-0.002235705	0.048473344	0.99884416	1
T2DM	endothelial	<i>LINC00702</i>	-0.00538158	0.012141843	0.99884416	1
T2DM	endothelial	<i>LINC00969</i>	0.002088101	0.018888276	0.99884416	1
T2DM	endothelial	<i>LIPA</i>	-0.005960305	0.001145997	0.99884416	1
T2DM	endothelial	<i>LMBR1</i>	-0.002242587	0.049563579	0.99884416	1
T2DM	endothelial	<i>LMO3</i>	0.001632862	0.026348176	0.99884416	1
T2DM	endothelial	<i>LMOD1</i>	-0.001052303	0.03259401	0.99884416	1
T2DM	endothelial	<i>LRRC2</i>	0.0050584	0.026898362	0.99884416	1
T2DM	endothelial	<i>LRRC8B</i>	-0.00447388	0.020135153	0.99884416	1
T2DM	endothelial	<i>LSAMP</i>	0.003947806	0.007403583	0.99884416	1
T2DM	endothelial	<i>LYNX1</i>	-0.012174373	0.015414989	0.99884416	1
T2DM	endothelial	<i>LYSMD2</i>	-0.009790246	0.049161934	0.99884416	1
T2DM	endothelial	<i>MANEA</i>	-0.0072437	0.009882278	0.99884416	1
T2DM	endothelial	<i>MAP3K5</i>	-0.001176967	0.014894031	0.99884416	1
T2DM	endothelial	<i>MBNL1</i>	-0.000720624	0.013297555	0.99884416	1
T2DM	endothelial	<i>MGST1</i>	0.000892851	0.035337658	0.99884416	1
T2DM	endothelial	<i>MLLT6</i>	-0.001664298	0.028310504	0.99884416	1
T2DM	endothelial	<i>MLXIPL</i>	0.001449135	0.048700624	0.99884416	1
T2DM	endothelial	<i>MMP16</i>	0.001977891	0.036924936	0.99884416	1
T2DM	endothelial	<i>MRAS</i>	0.003774089	0.022290772	0.99884416	1
T2DM	endothelial	<i>MYBL1</i>	-0.001206737	0.018118385	0.99884416	1
T2DM	endothelial	<i>MYO7B</i>	-0.008373582	0.013638587	0.99884416	1
T2DM	endothelial	<i>MYOM2</i>	-0.014118688	0.011554577	0.99884416	1
T2DM	endothelial	<i>NACCI</i>	-0.009858378	0.017787022	0.99884416	1
T2DM	endothelial	<i>NBEAL2</i>	-0.002547246	0.033606124	0.99884416	1
T2DM	endothelial	<i>NEK11</i>	0.003440438	0.005399631	0.99884416	1
T2DM	endothelial	<i>NEURL1B</i>	-0.00200293	0.034869715	0.99884416	1
T2DM	endothelial	<i>NIPAL3</i>	-0.002026846	0.044810502	0.99884416	1
T2DM	endothelial	<i>NPC1</i>	-0.002333366	0.027129925	0.99884416	1
T2DM	endothelial	<i>NPNT</i>	-0.003161491	0.0105353	0.99884416	1
T2DM	endothelial	<i>NT5DC1</i>	-0.002276337	0.049457996	0.99884416	1
T2DM	endothelial	<i>NT5E</i>	0.003141249	0.040501216	0.99884416	1
T2DM	endothelial	<i>NUAK2</i>	-0.00562043	0.047830703	0.99884416	1
T2DM	endothelial	<i>NUDT16L1</i>	-0.004718801	0.036010933	0.99884416	1
T2DM	endothelial	<i>OAF</i>	0.002722337	0.021772497	0.99884416	1

T2DM	endothelial	<i>ORAI2</i>	-0.003242002	0.033416653	0.99884416	1
T2DM	endothelial	<i>OSER1-AS1</i>	0.012993646	0.043560465	0.99884416	1
T2DM	endothelial	<i>OSTF1</i>	-0.001848998	0.023912587	0.99884416	1
T2DM	endothelial	<i>OVCH1-AS1</i>	-0.003572042	0.019121186	0.99884416	1
T2DM	endothelial	<i>PARP15</i>	-0.001714633	0.01922507	0.99884416	1
T2DM	endothelial	<i>PARP8</i>	-0.000790175	0.014295417	0.99884416	1
T2DM	endothelial	<i>PATL2</i>	-0.002537537	0.038657866	0.99884416	1
T2DM	endothelial	<i>PBX1</i>	0.000671085	0.048820511	0.99884416	1
T2DM	endothelial	<i>PCGF2</i>	-0.010176345	0.021522119	0.99884416	1
T2DM	endothelial	<i>PCGF5</i>	-0.002559418	0.00918535	0.99884416	1
T2DM	endothelial	<i>PCOLCE2</i>	0.001180301	0.020393571	0.99884416	1
T2DM	endothelial	<i>PCSK7</i>	-0.001936061	0.005404095	0.99884416	1
T2DM	endothelial	<i>PDE4C</i>	-0.004901762	0.024773014	0.99884416	1
T2DM	endothelial	<i>PDLIM3</i>	-0.003381178	0.025772289	0.99884416	1
T2DM	endothelial	<i>PDLIM4</i>	0.009841529	0.03201655	0.99884416	1
T2DM	endothelial	<i>PLRG1</i>	-0.00269462	0.046900442	0.99884416	1
T2DM	endothelial	<i>PRDM5</i>	0.003515439	0.016191762	0.99884416	1
T2DM	endothelial	<i>PSD4</i>	-0.003293561	0.031417317	0.99884416	1
T2DM	endothelial	<i>PSMB9</i>	-0.00210715	0.01690154	0.99884416	1
T2DM	endothelial	<i>PSTPIP1</i>	-0.002721177	0.049909926	0.99884416	1
T2DM	endothelial	<i>PTER</i>	0.00231894	0.049663602	0.99884416	1
T2DM	endothelial	<i>PTGDR</i>	-0.001981611	0.039814963	0.99884416	1
T2DM	endothelial	<i>PTGR1</i>	0.003195333	0.03523034	0.99884416	1
T2DM	endothelial	<i>PTPRS</i>	0.001257511	0.048132844	0.99884416	1
T2DM	endothelial	<i>RABGAP1L</i>	-0.000732123	0.009669769	0.99884416	1
T2DM	endothelial	<i>RBCK1</i>	-0.00504649	0.010517245	0.99884416	1
T2DM	endothelial	<i>RCAN2</i>	-0.000758899	0.026304119	0.99884416	1
T2DM	endothelial	<i>RGS19</i>	-0.003987942	0.042309722	0.99884416	1
T2DM	endothelial	<i>RGS7BP</i>	-0.009245876	0.011466838	0.99884416	1
T2DM	endothelial	<i>RHBDF2</i>	-0.001807606	0.029027835	0.99884416	1
T2DM	endothelial	<i>RHOBTB3</i>	0.001460045	0.003011477	0.99884416	1
T2DM	endothelial	<i>RNF14</i>	-0.002711389	0.027184284	0.99884416	1
T2DM	endothelial	<i>RNF166</i>	-0.003920416	0.022848826	0.99884416	1
T2DM	endothelial	<i>RNF212</i>	0.008818346	0.040463122	0.99884416	1
T2DM	endothelial	<i>RNF213</i>	-0.00104605	0.019168961	0.99884416	1
T2DM	endothelial	<i>RNF34</i>	-0.002558216	0.046612384	0.99884416	1
T2DM	endothelial	<i>RPS10</i>	-0.018331867	0.000284027	0.99884416	1
T2DM	endothelial	<i>RPS23</i>	-0.002003354	0.018781364	0.99884416	1
T2DM	endothelial	<i>RTEL1</i>	0.019506058	0.044310538	0.99884416	1
T2DM	endothelial	<i>RUFY1</i>	0.001819449	0.031050342	0.99884416	1
T2DM	endothelial	<i>SI00A3</i>	0.053931986	0.018358587	0.99884416	1
T2DM	endothelial	<i>SEC14L1</i>	-0.00114643	0.021307843	0.99884416	1
T2DM	endothelial	<i>SEMA4D</i>	-0.001121855	0.029866364	0.99884416	1
T2DM	endothelial	<i>SLAIN2</i>	-0.002846661	0.044446978	0.99884416	1
T2DM	endothelial	<i>SLC13A5</i>	-0.033860952	0.008912494	0.99884416	1
T2DM	endothelial	<i>SLC14A1</i>	-0.00819278	0.019286481	0.99884416	1
T2DM	endothelial	<i>SLC22A5</i>	0.005099484	0.032846552	0.99884416	1
T2DM	endothelial	<i>SLC25A17</i>	0.006930706	0.006776857	0.99884416	1
T2DM	endothelial	<i>SLC26A10</i>	-0.016721345	0.001656498	0.99884416	1
T2DM	endothelial	<i>SLC37A1</i>	-0.003764823	0.030526047	0.99884416	1
T2DM	endothelial	<i>SLC38A11</i>	-0.002064582	0.030505235	0.99884416	1
T2DM	endothelial	<i>SLC44A2</i>	-0.002292579	0.018491022	0.99884416	1

T2DM	endothelial	<i>SLC6A1</i>	-0.011713812	0.042903198	0.99884416	1
T2DM	endothelial	<i>SLC9A3R1</i>	-0.00364814	0.034234463	0.99884416	1
T2DM	endothelial	<i>SMG7</i>	-0.002164215	0.02018659	0.99884416	1
T2DM	endothelial	<i>SMG9</i>	0.003692076	0.044982506	0.99884416	1
T2DM	endothelial	<i>SP110</i>	-0.002101831	0.002703197	0.99884416	1
T2DM	endothelial	<i>SPARCL1</i>	-0.000818437	0.012354796	0.99884416	1
T2DM	endothelial	<i>SRGAP1</i>	0.002278096	0.00155407	0.99884416	1
T2DM	endothelial	<i>SRL</i>	-0.009776699	0.010814789	0.99884416	1
T2DM	endothelial	<i>ST3GAL6</i>	0.003859787	0.000621385	0.99884416	1
T2DM	endothelial	<i>STARD3NL</i>	-0.003176414	0.036097076	0.99884416	1
T2DM	endothelial	<i>STAT4</i>	-0.000870494	0.028746528	0.99884416	1
T2DM	endothelial	<i>STK17A</i>	-0.001134969	0.045256656	0.99884416	1
T2DM	endothelial	<i>SVEP1</i>	0.002227769	0.000336862	0.99884416	1
T2DM	endothelial	<i>TAP1</i>	-0.004297993	0.042327307	0.99884416	1
T2DM	endothelial	<i>TAPBP</i>	-0.002075716	0.0284323	0.99884416	1
T2DM	endothelial	<i>TAS2R14</i>	-0.008222823	0.036429518	0.99884416	1
T2DM	endothelial	<i>TCF3</i>	-0.00415908	0.046948873	0.99884416	1
T2DM	endothelial	<i>THOC5</i>	-0.005803117	0.037120395	0.99884416	1
T2DM	endothelial	<i>THY1</i>	0.004424013	0.025923751	0.99884416	1
T2DM	endothelial	<i>TLN2</i>	0.001111389	0.026325686	0.99884416	1
T2DM	endothelial	<i>TMC1</i>	0.005885479	0.043533779	0.99884416	1
T2DM	endothelial	<i>TMC6</i>	-0.003474827	0.012820607	0.99884416	1
T2DM	endothelial	<i>TMEM2</i>	-0.001695874	0.023726109	0.99884416	1
T2DM	endothelial	<i>TMEM223</i>	-0.006301228	0.03562633	0.99884416	1
T2DM	endothelial	<i>TMEM232</i>	0.00457038	0.049439821	0.99884416	1
T2DM	endothelial	<i>TMEM9B</i>	-0.004688732	0.037538037	0.99884416	1
T2DM	endothelial	<i>TNK2</i>	-0.004614824	0.018961571	0.99884416	1
T2DM	endothelial	<i>TPST2</i>	-0.002565174	0.029544111	0.99884416	1
T2DM	endothelial	<i>TRIM26</i>	-0.004712295	0.014731264	0.99884416	1
T2DM	endothelial	<i>TRPC3</i>	-0.01018336	0.021392353	0.99884416	1
T2DM	endothelial	<i>TSC22D1</i>	-0.001292662	0.04484997	0.99884416	1
T2DM	endothelial	<i>TSEN2</i>	-0.003459205	0.035939316	0.99884416	1
T2DM	endothelial	<i>TSHZ2</i>	0.000549647	0.014869063	0.99884416	1
T2DM	endothelial	<i>TSPAN4</i>	0.004175521	0.005237174	0.99884416	1
T2DM	endothelial	<i>USB1</i>	-0.007946652	0.044618019	0.99884416	1
T2DM	endothelial	<i>VDAC2</i>	0.009202682	0.03223461	0.99884416	1
T2DM	endothelial	<i>WDR17</i>	0.004038461	0.017750725	0.99884416	1
T2DM	endothelial	<i>ZFAT</i>	-0.003909101	0.033236828	0.99884416	1
T2DM	endothelial	<i>ZFHX4</i>	0.001686641	0.041242746	0.99884416	1
T2DM	endothelial	<i>ZNF334</i>	0.00362627	0.047698	0.99884416	1
T2DM	endothelial	<i>ZNF33A</i>	-0.00269473	0.017592604	0.99884416	1
T2DM	endothelial	<i>ZNF33B</i>	-0.002620657	0.045333779	0.99884416	1
T2DM	endothelial	<i>ZNF354C</i>	0.004853886	0.001851965	0.99884416	1
T2DM	endothelial	<i>CCL4L2</i>	-0.00449109	0.03778243	0.99884416	1
T2DM	endothelial	<i>HES5</i>	0.009557295	0.024095352	0.99884416	1
T2DM	endothelial	<i>OR51E2</i>	-0.02170594	0.008048419	0.99884416	1
T2DM	endothelial	<i>DLX6</i>	-0.026341682	0.024313508	0.99884416	1
T2DM	LEC	<i>ABCA8</i>	0.001344492	0.000791597	0.708079782	1
T2DM	LEC	<i>AC069213.1</i>	-0.052471647	0.03822246	0.897208604	1
T2DM	LEC	<i>ACE</i>	0.003835385	0.017066568	0.897208604	1
T2DM	LEC	<i>ACOT1</i>	-0.028497567	0.027989282	0.897208604	1
T2DM	LEC	<i>ACTN4</i>	-0.001917693	0.01074372	0.897208604	1

T2DM	LEC	<i>ACTR3</i>	-0.001485168	0.022562949	0.897208604	1
T2DM	LEC	<i>ACVR2A</i>	0.001544929	0.019975605	0.897208604	1
T2DM	LEC	<i>ADAM33</i>	0.002815746	0.028561573	0.897208604	1
T2DM	LEC	<i>ADAMTSL3</i>	0.001301591	0.031759109	0.897208604	1
T2DM	LEC	<i>AGTPBP1</i>	-0.001692554	0.007542502	0.897208604	1
T2DM	LEC	<i>AH11</i>	0.000924989	0.034990319	0.897208604	1
T2DM	LEC	<i>AKTIP</i>	-0.004922554	0.016984805	0.897208604	1
T2DM	LEC	<i>ALDH7A1</i>	0.004209637	0.018870463	0.897208604	1
T2DM	LEC	<i>ANGPT4</i>	-0.005647977	0.009801831	0.897208604	1
T2DM	LEC	<i>AOAH</i>	-0.000430566	0.047039738	0.897208604	1
T2DM	LEC	<i>ARHGDIB</i>	-0.00158379	0.04688457	0.897208604	1
T2DM	LEC	<i>ARHGEF25</i>	-0.007980868	0.017688708	0.897208604	1
T2DM	LEC	<i>ARL3</i>	-0.005112249	0.043319988	0.897208604	1
T2DM	LEC	<i>ARPC2</i>	-0.000906029	0.04537511	0.897208604	1
T2DM	LEC	<i>ARPC5</i>	-0.00226224	0.007678064	0.897208604	1
T2DM	LEC	<i>ARSG</i>	-0.002104338	0.020664889	0.897208604	1
T2DM	LEC	<i>ASAP3</i>	0.005994957	0.008099074	0.897208604	1
T2DM	LEC	<i>ASB16</i>	-0.007452809	0.029046617	0.897208604	1
T2DM	LEC	<i>ASXL3</i>	-0.007704091	0.04964061	0.897208604	1
T2DM	LEC	<i>ATP2A3</i>	-0.001803816	0.030430281	0.897208604	1
T2DM	LEC	<i>ATP8A1</i>	-0.001231431	0.032557741	0.897208604	1
T2DM	LEC	<i>AVPR1A</i>	-0.003270618	0.011713999	0.897208604	1
T2DM	LEC	<i>BCL2L1</i>	-0.002270551	0.015294584	0.897208604	1
T2DM	LEC	<i>BDH2</i>	0.003667013	0.035033152	0.897208604	1
T2DM	LEC	<i>BICC1</i>	0.001285717	0.012062394	0.897208604	1
T2DM	LEC	<i>BIVM</i>	-0.006159129	0.046963151	0.897208604	1
T2DM	LEC	<i>BOC</i>	0.002206993	0.024527378	0.897208604	1
T2DM	LEC	<i>BRSK2</i>	-0.017668607	0.044758781	0.897208604	1
T2DM	LEC	<i>BTN2A1</i>	-0.005217978	0.009397291	0.897208604	1
T2DM	LEC	<i>BTN3A1</i>	-0.001747387	0.045805542	0.897208604	1
T2DM	LEC	<i>BVES</i>	-0.020205811	0.007635437	0.897208604	1
T2DM	LEC	<i>C10orf25</i>	-0.048046626	0.000232152	0.462445884	1
T2DM	LEC	<i>C19orf71</i>	-0.010789918	0.013019436	0.897208604	1
T2DM	LEC	<i>C20orf196</i>	-0.002859273	0.021026259	0.897208604	1
T2DM	LEC	<i>C2orf40</i>	-0.006240944	0.047281115	0.897208604	1
T2DM	LEC	<i>C5orf34</i>	-0.005282979	0.034623839	0.897208604	1
T2DM	LEC	<i>C7orf31</i>	-0.006480126	0.03815844	0.897208604	1
T2DM	LEC	<i>CAPZB</i>	-0.001276775	0.036642151	0.897208604	1
T2DM	LEC	<i>CARNS1</i>	-0.014766354	0.023817836	0.897208604	1
T2DM	LEC	<i>CAT</i>	0.002102386	0.018677278	0.897208604	1
T2DM	LEC	<i>CATSPERB</i>	0.001719824	0.047928757	0.897208604	1
T2DM	LEC	<i>CATSPERG</i>	-0.005657754	0.032874141	0.897208604	1
T2DM	LEC	<i>CBL</i>	-0.001631088	0.044403013	0.897208604	1
T2DM	LEC	<i>CCDC127</i>	-0.007073295	0.010917362	0.897208604	1
T2DM	LEC	<i>CCDC153</i>	-0.014427892	0.010224943	0.897208604	1
T2DM	LEC	<i>CCDC88C</i>	-0.001104354	0.027955689	0.897208604	1
T2DM	LEC	<i>CCZI</i>	-0.006622634	0.020336341	0.897208604	1
T2DM	LEC	<i>CD27</i>	-0.005867749	0.004162775	0.897208604	1
T2DM	LEC	<i>CD52</i>	-0.003093497	0.007186489	0.897208604	1
T2DM	LEC	<i>CD79B</i>	-0.003383791	0.026562943	0.897208604	1
T2DM	LEC	<i>CDC42SE1</i>	-0.002007989	0.035501142	0.897208604	1
T2DM	LEC	<i>CDH26</i>	-0.011721493	0.008246093	0.897208604	1

T2DM	LEC	<i>CDH6</i>	-0.001508041	0.016014153	0.897208604	1
T2DM	LEC	<i>CDK2AP2</i>	-0.012729306	0.049046128	0.897208604	1
T2DM	LEC	<i>CDON</i>	0.001739941	0.023939822	0.897208604	1
T2DM	LEC	<i>CENPK</i>	-0.003778429	0.037680347	0.897208604	1
T2DM	LEC	<i>CFL2</i>	0.004632317	0.036318151	0.897208604	1
T2DM	LEC	<i>CH25H</i>	-0.010839619	0.02040864	0.897208604	1
T2DM	LEC	<i>CLNS1A</i>	0.003069367	0.007351288	0.897208604	1
T2DM	LEC	<i>CNDP2</i>	-0.003770385	0.045828854	0.897208604	1
T2DM	LEC	<i>CNOT6L</i>	-0.001364812	0.034322365	0.897208604	1
T2DM	LEC	<i>COL12A1</i>	0.001690745	0.024632492	0.897208604	1
T2DM	LEC	<i>CORO1A</i>	-0.003303365	0.032381315	0.897208604	1
T2DM	LEC	<i>COX6B1</i>	-0.003336167	0.048329931	0.897208604	1
T2DM	LEC	<i>CPEB1</i>	0.009385056	0.008167689	0.897208604	1
T2DM	LEC	<i>CRISPLD2</i>	-0.0029326	0.022568546	0.897208604	1
T2DM	LEC	<i>CTNNA3</i>	-0.001129852	0.011704403	0.897208604	1
T2DM	LEC	<i>CYB5RL</i>	-0.010035948	0.029560897	0.897208604	1
T2DM	LEC	<i>CYBA</i>	-0.001077623	0.033298183	0.897208604	1
T2DM	LEC	<i>CYTH1</i>	-0.0008617	0.030254367	0.897208604	1
T2DM	LEC	<i>DCAF4</i>	-0.011422211	0.04587463	0.897208604	1
T2DM	LEC	<i>DCBLD2</i>	0.002878496	0.009951405	0.897208604	1
T2DM	LEC	<i>DISP2</i>	-0.023455098	0.003628942	0.897208604	1
T2DM	LEC	<i>DNAH17</i>	-0.00563063	0.04826803	0.897208604	1
T2DM	LEC	<i>DNAJC21</i>	-0.003750198	0.04704151	0.897208604	1
T2DM	LEC	<i>DNAJC6</i>	-0.004767937	0.034598757	0.897208604	1
T2DM	LEC	<i>DNM2</i>	-0.002224419	0.041240053	0.897208604	1
T2DM	LEC	<i>DOCK8</i>	-0.000649967	0.004944296	0.897208604	1
T2DM	LEC	<i>DR1</i>	-0.003522449	0.009681305	0.897208604	1
T2DM	LEC	<i>DSG2</i>	0.003902133	0.018452675	0.897208604	1
T2DM	LEC	<i>EGFR</i>	0.001025584	0.046792753	0.897208604	1
T2DM	LEC	<i>EMB</i>	-0.001241453	0.04069538	0.897208604	1
T2DM	LEC	<i>EMG1</i>	-0.007665759	0.039657826	0.897208604	1
T2DM	LEC	<i>EPB41</i>	-0.001028385	0.027001784	0.897208604	1
T2DM	LEC	<i>EPHB6</i>	0.007389851	0.039496578	0.897208604	1
T2DM	LEC	<i>EPN2</i>	0.001766363	0.002866103	0.897208604	1
T2DM	LEC	<i>ERCC1</i>	0.001825611	0.03742679	0.897208604	1
T2DM	LEC	<i>ERCC6</i>	0.004254308	0.000163016	0.462445884	0.97418651
T2DM	LEC	<i>EYA1</i>	0.002648889	0.018008527	0.897208604	1
T2DM	LEC	<i>F2R</i>	-0.007677919	0.018953983	0.897208604	1
T2DM	LEC	<i>FAM114A1</i>	0.003727255	0.002202206	0.897208604	1
T2DM	LEC	<i>FAM213A</i>	0.001937216	0.024497668	0.897208604	1
T2DM	LEC	<i>FBLN1</i>	0.0014081	0.031864704	0.897208604	1
T2DM	LEC	<i>FGL2</i>	0.001598151	0.044038216	0.897208604	1
T2DM	LEC	<i>FKBP7</i>	-0.007345435	0.007330883	0.897208604	1
T2DM	LEC	<i>FLRT2</i>	0.001077354	0.024645901	0.897208604	1
T2DM	LEC	<i>FOXS1</i>	-0.025660686	0.014137489	0.897208604	1
T2DM	LEC	<i>FSTL1</i>	0.001138431	0.016247699	0.897208604	1
T2DM	LEC	<i>FUT11</i>	-0.004830452	0.018357206	0.897208604	1
T2DM	LEC	<i>FYCO1</i>	-0.00620159	0.011790319	0.897208604	1
T2DM	LEC	<i>GATAD2A</i>	-0.00216744	0.018730081	0.897208604	1
T2DM	LEC	<i>GBP5</i>	-0.003109793	0.021053163	0.897208604	1
T2DM	LEC	<i>GFOD1</i>	-0.001662534	0.034380701	0.897208604	1
T2DM	LEC	<i>GLDN</i>	-0.002938858	0.021210451	0.897208604	1

T2DM	LEC	<i>GMPPB</i>	-0.008453371	0.012033988	0.897208604	1
T2DM	LEC	<i>GOLGA7B</i>	-0.018392923	0.027752759	0.897208604	1
T2DM	LEC	<i>GOLGA8B</i>	-0.00231192	0.049574493	0.897208604	1
T2DM	LEC	<i>GPA33</i>	-0.016255983	0.047029214	0.897208604	1
T2DM	LEC	<i>GPR63</i>	-0.008056503	0.035436636	0.897208604	1
T2DM	LEC	<i>GPR84</i>	-0.002734095	0.033833861	0.897208604	1
T2DM	LEC	<i>GPRC5C</i>	-0.007176781	0.035167936	0.897208604	1
T2DM	LEC	<i>GRIN2A</i>	-0.00338868	0.027246194	0.897208604	1
T2DM	LEC	<i>GXYLT2</i>	0.003329261	0.041742001	0.897208604	1
T2DM	LEC	<i>HAPLN3</i>	-0.006530178	0.046987813	0.897208604	1
T2DM	LEC	<i>HGD</i>	-0.015234646	0.039697348	0.897208604	1
T2DM	LEC	<i>HIF1AN</i>	-0.004674049	0.042914786	0.897208604	1
T2DM	LEC	<i>HLA-A</i>	-0.000827199	0.041651474	0.897208604	1
T2DM	LEC	<i>HLA-B</i>	-0.000601283	0.040576031	0.897208604	1
T2DM	LEC	<i>HLA-C</i>	-0.000959863	0.02441228	0.897208604	1
T2DM	LEC	<i>HLA-F</i>	-0.00243015	0.016503396	0.897208604	1
T2DM	LEC	<i>HOPX</i>	-0.012412588	0.001673101	0.897208604	1
T2DM	LEC	<i>HORMAD1</i>	-0.007211511	0.025696406	0.897208604	1
T2DM	LEC	<i>HOXB3</i>	0.002802313	0.027197195	0.897208604	1
T2DM	LEC	<i>HOXD9</i>	-0.008675047	0.022425903	0.897208604	1
T2DM	LEC	<i>HP</i>	-0.016981791	0.048912566	0.897208604	1
T2DM	LEC	<i>HPS1</i>	-0.004237469	0.045003083	0.897208604	1
T2DM	LEC	<i>HRC</i>	-0.009787031	0.021223949	0.897208604	1
T2DM	LEC	<i>HS6ST3</i>	-0.0061581	0.027427513	0.897208604	1
T2DM	LEC	<i>ICAM3</i>	-0.00549115	0.009155026	0.897208604	1
T2DM	LEC	<i>IL27RA</i>	-0.004298057	0.005748431	0.897208604	1
T2DM	LEC	<i>INPP4A</i>	-0.001417456	0.007974602	0.897208604	1
T2DM	LEC	<i>INTS1</i>	-0.005114529	0.044777907	0.897208604	1
T2DM	LEC	<i>IQGAP1</i>	-0.001014359	0.013327864	0.897208604	1
T2DM	LEC	<i>ITGA11</i>	0.002097778	0.006686285	0.897208604	1
T2DM	LEC	<i>ITGA4</i>	-0.000791959	0.040803913	0.897208604	1
T2DM	LEC	<i>ITGB2</i>	-0.001852925	0.027964609	0.897208604	1
T2DM	LEC	<i>KBTBD12</i>	-0.00608857	0.038879092	0.897208604	1
T2DM	LEC	<i>KCNB2</i>	0.002242222	0.029720697	0.897208604	1
T2DM	LEC	<i>KCNK1</i>	0.007513536	0.01956695	0.897208604	1
T2DM	LEC	<i>KCNQ4</i>	-0.011571927	0.046591152	0.897208604	1
T2DM	LEC	<i>KCTD8</i>	0.002597423	0.040469607	0.897208604	1
T2DM	LEC	<i>KIAA1109</i>	-0.001665123	0.008930827	0.897208604	1
T2DM	LEC	<i>KIF16B</i>	0.001561377	0.016251728	0.897208604	1
T2DM	LEC	<i>KLHL24</i>	-0.002184095	0.02136612	0.897208604	1
T2DM	LEC	<i>KXD1</i>	-0.003639083	0.018032587	0.897208604	1
T2DM	LEC	<i>L1TD1</i>	-0.02594241	0.042798443	0.897208604	1
T2DM	LEC	<i>LAMA4</i>	0.001043644	0.001599231	0.897208604	1
T2DM	LEC	<i>LAMB1</i>	0.00204932	0.023578831	0.897208604	1
T2DM	LEC	<i>LAPTM5</i>	-0.001897105	0.034869796	0.897208604	1
T2DM	LEC	<i>LBH</i>	-0.002836092	0.000829411	0.708079782	1
T2DM	LEC	<i>LCA5L</i>	-0.008468676	0.004547219	0.897208604	1
T2DM	LEC	<i>LCLAT1</i>	-0.003348513	0.003660765	0.897208604	1
T2DM	LEC	<i>LDB3</i>	-0.002581223	0.018148992	0.897208604	1
T2DM	LEC	<i>LGR5</i>	-0.0136899	0.010686208	0.897208604	1
T2DM	LEC	<i>LINC00092</i>	-0.015842772	0.035360677	0.897208604	1
T2DM	LEC	<i>LINC00702</i>	-0.004545921	0.034165917	0.897208604	1

T2DM	LEC	<i>LMO3</i>	0.001677246	0.022668167	0.897208604	1
T2DM	LEC	<i>LPCAT1</i>	-0.003100446	0.034501948	0.897208604	1
T2DM	LEC	<i>LSAMP</i>	0.004990371	0.000726793	0.708079782	1
T2DM	LEC	<i>LSG1</i>	-0.002087076	0.024768337	0.897208604	1
T2DM	LEC	<i>LYSMD4</i>	-0.004125165	0.045558516	0.897208604	1
T2DM	LEC	<i>MAP3K5</i>	-0.001078713	0.025743925	0.897208604	1
T2DM	LEC	<i>MAPK9</i>	-0.008033685	0.006302002	0.897208604	1
T2DM	LEC	<i>MATN3</i>	-0.025963011	0.020617491	0.897208604	1
T2DM	LEC	<i>MED21</i>	-0.002295674	0.041638433	0.897208604	1
T2DM	LEC	<i>MEDAG</i>	0.002724794	0.009868556	0.897208604	1
T2DM	LEC	<i>MGST1</i>	0.000992902	0.01953772	0.897208604	1
T2DM	LEC	<i>MICAL1</i>	-0.004607035	0.04655682	0.897208604	1
T2DM	LEC	<i>MPZL3</i>	-0.003318414	0.024622714	0.897208604	1
T2DM	LEC	<i>MTMR11</i>	-0.011162538	0.011750819	0.897208604	1
T2DM	LEC	<i>MTO1</i>	-0.002891905	0.03832988	0.897208604	1
T2DM	LEC	<i>MX1</i>	-0.003997111	0.038987699	0.897208604	1
T2DM	LEC	<i>MYO7B</i>	-0.007068169	0.037284884	0.897208604	1
T2DM	LEC	<i>MYOC</i>	0.003961282	0.012522392	0.897208604	1
T2DM	LEC	<i>MYOM2</i>	-0.011596119	0.037895308	0.897208604	1
T2DM	LEC	<i>NACCI</i>	-0.008294997	0.049183449	0.897208604	1
T2DM	LEC	<i>NDUF4F4</i>	-0.003490994	0.022740997	0.897208604	1
T2DM	LEC	<i>NEURL1B</i>	-0.001984321	0.036725674	0.897208604	1
T2DM	LEC	<i>NFIA</i>	0.000636751	0.049067445	0.897208604	1
T2DM	LEC	<i>NFYC</i>	-0.00205406	0.029976047	0.897208604	1
T2DM	LEC	<i>NIPA2</i>	-0.003400819	0.0322313	0.897208604	1
T2DM	LEC	<i>NIPSNAP3B</i>	0.005108455	0.044793256	0.897208604	1
T2DM	LEC	<i>NPC1</i>	-0.002478378	0.019040155	0.897208604	1
T2DM	LEC	<i>NPNT</i>	-0.003115988	0.011770842	0.897208604	1
T2DM	LEC	<i>NUDT12</i>	0.00493907	0.021624687	0.897208604	1
T2DM	LEC	<i>OSBPL6</i>	-0.004886181	0.010549681	0.897208604	1
T2DM	LEC	<i>PAPSS2</i>	0.001643047	0.02992871	0.897208604	1
T2DM	LEC	<i>PARM1</i>	-0.001669081	0.040567893	0.897208604	1
T2DM	LEC	<i>PARVG</i>	-0.002772799	0.048398808	0.897208604	1
T2DM	LEC	<i>PATL2</i>	-0.00255314	0.037336694	0.897208604	1
T2DM	LEC	<i>PCGF5</i>	-0.002406863	0.014291616	0.897208604	1
T2DM	LEC	<i>PCOLCE2</i>	0.001262355	0.013169757	0.897208604	1
T2DM	LEC	<i>PCSK7</i>	-0.001779745	0.010519834	0.897208604	1
T2DM	LEC	<i>PDE4C</i>	-0.005258737	0.016048825	0.897208604	1
T2DM	LEC	<i>PEX14</i>	-0.001735376	0.039612795	0.897208604	1
T2DM	LEC	<i>PHLDB1</i>	0.001491521	0.035980387	0.897208604	1
T2DM	LEC	<i>PICALM</i>	-0.000868977	0.006089351	0.897208604	1
T2DM	LEC	<i>PIGX</i>	-0.002091887	0.042408763	0.897208604	1
T2DM	LEC	<i>PLA2G4B</i>	-0.031357075	0.012742959	0.897208604	1
T2DM	LEC	<i>PLEKHA6</i>	0.005723069	0.013720909	0.897208604	1
T2DM	LEC	<i>PM20D2</i>	-0.00414713	0.021545145	0.897208604	1
T2DM	LEC	<i>POC1B</i>	-0.003329277	0.017482577	0.897208604	1
T2DM	LEC	<i>POC5</i>	-0.002181999	0.047788893	0.897208604	1
T2DM	LEC	<i>POLB</i>	-0.003454833	0.044676147	0.897208604	1
T2DM	LEC	<i>POMP</i>	-0.003310948	0.040442144	0.897208604	1
T2DM	LEC	<i>PPP2R5E</i>	-0.001896288	0.015035838	0.897208604	1
T2DM	LEC	<i>PRIMPOL</i>	0.002802599	0.037598566	0.897208604	1
T2DM	LEC	<i>PROCR</i>	0.001512252	0.048163842	0.897208604	1

T2DM	LEC	<i>PRPH2</i>	-0.016137024	0.040491115	0.897208604	1
T2DM	LEC	<i>PSMB3</i>	-0.005856059	0.045838049	0.897208604	1
T2DM	LEC	<i>PSTPIP1</i>	-0.002935692	0.034588599	0.897208604	1
T2DM	LEC	<i>PTGDR</i>	-0.002592578	0.007138791	0.897208604	1
T2DM	LEC	<i>PTPRS</i>	0.001297446	0.041427199	0.897208604	1
T2DM	LEC	<i>PYHIN1</i>	-0.000792352	0.046198856	0.897208604	1
T2DM	LEC	<i>QSOX2</i>	-0.005721732	0.00485708	0.897208604	1
T2DM	LEC	<i>RAB37</i>	-0.003821287	0.03076857	0.897208604	1
T2DM	LEC	<i>RASSF1</i>	-0.001939624	0.028005191	0.897208604	1
T2DM	LEC	<i>RBBP4</i>	-0.003657799	0.000553644	0.708079782	1
T2DM	LEC	<i>RBFA</i>	-0.004392256	0.016235712	0.897208604	1
T2DM	LEC	<i>RBFOX3</i>	-0.01430351	0.035524226	0.897208604	1
T2DM	LEC	<i>RBL2</i>	-0.001293346	0.019270896	0.897208604	1
T2DM	LEC	<i>RBM8A</i>	-0.004574292	0.048979937	0.897208604	1
T2DM	LEC	<i>RCAN2</i>	-0.000849736	0.012924701	0.897208604	1
T2DM	LEC	<i>RELL1</i>	-0.002325243	0.012473424	0.897208604	1
T2DM	LEC	<i>RGS7BP</i>	-0.010446625	0.004346521	0.897208604	1
T2DM	LEC	<i>RHOBTB3</i>	0.001503062	0.00226641	0.897208604	1
T2DM	LEC	<i>RNF123</i>	-0.003953384	0.030626412	0.897208604	1
T2DM	LEC	<i>RNF166</i>	-0.003922766	0.022796681	0.897208604	1
T2DM	LEC	<i>RNF213</i>	-0.000931266	0.037032478	0.897208604	1
T2DM	LEC	<i>RPL41</i>	-0.004942816	0.049879858	0.897208604	1
T2DM	LEC	<i>RPP25L</i>	-0.021108202	0.020152879	0.897208604	1
T2DM	LEC	<i>RTN4</i>	0.001279137	0.048229897	0.897208604	1
T2DM	LEC	<i>SAMD9</i>	-0.003179527	0.02370808	0.897208604	1
T2DM	LEC	<i>SCARA5</i>	0.001582837	0.035589139	0.897208604	1
T2DM	LEC	<i>SEMA4D</i>	-0.001060213	0.040050314	0.897208604	1
T2DM	LEC	<i>SERF1A</i>	-0.017746882	0.048026787	0.897208604	1
T2DM	LEC	<i>SERPINI1</i>	-0.00518	0.003744362	0.897208604	1
T2DM	LEC	<i>SH3BGR</i>	-0.011954397	0.017323167	0.897208604	1
T2DM	LEC	<i>SLC13A5</i>	-0.032473028	0.012200083	0.897208604	1
T2DM	LEC	<i>SLC17A5</i>	0.00436371	0.01274243	0.897208604	1
T2DM	LEC	<i>SLC25A3</i>	-0.003659405	0.038132699	0.897208604	1
T2DM	LEC	<i>SLC26A10</i>	-0.010467013	0.04920664	0.897208604	1
T2DM	LEC	<i>SLC38A11</i>	-0.002182385	0.022136284	0.897208604	1
T2DM	LEC	<i>SLC44A2</i>	-0.002215412	0.022856895	0.897208604	1
T2DM	LEC	<i>SMG7</i>	-0.002301896	0.0135025	0.897208604	1
T2DM	LEC	<i>SP110</i>	-0.001593381	0.022971166	0.897208604	1
T2DM	LEC	<i>SPINT2</i>	-0.004823859	0.021932231	0.897208604	1
T2DM	LEC	<i>SPTY2D1</i>	-0.003952985	0.031331976	0.897208604	1
T2DM	LEC	<i>SRGAP1</i>	0.001670139	0.020447912	0.897208604	1
T2DM	LEC	<i>SRL</i>	-0.010117375	0.008397748	0.897208604	1
T2DM	LEC	<i>SRP14</i>	0.002172886	0.046796965	0.897208604	1
T2DM	LEC	<i>ST3GAL6</i>	0.002232537	0.048205764	0.897208604	1
T2DM	LEC	<i>ST7L</i>	0.001863058	0.03220689	0.897208604	1
T2DM	LEC	<i>ST8SLA2</i>	-0.017911476	0.04926257	0.897208604	1
T2DM	LEC	<i>STK17A</i>	-0.001193776	0.035323952	0.897208604	1
T2DM	LEC	<i>SULT1B1</i>	-0.006916022	0.026550047	0.897208604	1
T2DM	LEC	<i>SUSD2</i>	-0.017180412	0.014627275	0.897208604	1
T2DM	LEC	<i>SVEP1</i>	0.00196562	0.001563129	0.897208604	1
T2DM	LEC	<i>TAP1</i>	-0.004370547	0.038854461	0.897208604	1
T2DM	LEC	<i>TAPBP</i>	-0.001894332	0.045263329	0.897208604	1

T2DM	LEC	<i>TEX264</i>	-0.003941966	0.042912033	0.897208604	1
T2DM	LEC	<i>TLN1</i>	-0.00281306	0.019289752	0.897208604	1
T2DM	LEC	<i>TMC4</i>	-0.010187213	0.02202515	0.897208604	1
T2DM	LEC	<i>TMC6</i>	-0.003443794	0.013507867	0.897208604	1
T2DM	LEC	<i>TMEM110</i>	-0.020184339	0.037725036	0.897208604	1
T2DM	LEC	<i>TMEM2</i>	-0.002044725	0.006430817	0.897208604	1
T2DM	LEC	<i>TMEM230</i>	-0.00436172	0.027492064	0.897208604	1
T2DM	LEC	<i>TMEM38B</i>	-0.005696464	0.01864964	0.897208604	1
T2DM	LEC	<i>TMPRSS9</i>	-0.009121548	0.031298651	0.897208604	1
T2DM	LEC	<i>TNFRSF12A</i>	-0.010659434	0.034497584	0.897208604	1
T2DM	LEC	<i>TPX2</i>	-0.021366435	0.033556616	0.897208604	1
T2DM	LEC	<i>TRPC3</i>	-0.010133543	0.022559	0.897208604	1
T2DM	LEC	<i>TSC22D1</i>	-0.001709817	0.007948054	0.897208604	1
T2DM	LEC	<i>TSHZ2</i>	0.000477953	0.034338525	0.897208604	1
T2DM	LEC	<i>TSPAN4</i>	0.005517257	0.000207584	0.462445884	1
T2DM	LEC	<i>UBA52</i>	-0.001799817	0.01290299	0.897208604	1
T2DM	LEC	<i>UBASH3B</i>	-0.002334803	0.031318249	0.897208604	1
T2DM	LEC	<i>UBE2D3</i>	-0.001442895	0.022451403	0.897208604	1
T2DM	LEC	<i>UBXN2B</i>	-0.00332189	0.04232739	0.897208604	1
T2DM	LEC	<i>VPS37C</i>	-0.004820381	0.008808133	0.897208604	1
T2DM	LEC	<i>WRB</i>	-0.004060452	0.002857874	0.897208604	1
T2DM	LEC	<i>WTIP</i>	-0.002225409	0.040454132	0.897208604	1
T2DM	LEC	<i>ZFHX4</i>	0.001750275	0.034402481	0.897208604	1
T2DM	LEC	<i>ZNF223</i>	-0.018586216	0.045652667	0.897208604	1
T2DM	LEC	<i>ZNF248</i>	0.003259103	0.010376585	0.897208604	1
T2DM	LEC	<i>ZNF25</i>	0.004348262	0.02786646	0.897208604	1
T2DM	LEC	<i>ZNF33A</i>	-0.002388446	0.035855456	0.897208604	1
T2DM	LEC	<i>ZNF786</i>	-0.004576208	0.043123501	0.897208604	1
T2DM	LEC	<i>ZNF799</i>	-0.024975222	0.011051697	0.897208604	1
T2DM	LEC	<i>SI00A12</i>	-0.034475447	0.032351822	0.897208604	1
T2DM	LEC	<i>GRM2</i>	-0.062328829	0.018116952	0.897208604	1
T2DM	LEC	<i>OR51E2</i>	-0.021684265	0.00815585	0.897208604	1
T2DM	macrophage	<i>ABCG8</i>	-0.014249148	0.015211197	0.999275958	1
T2DM	macrophage	<i>AC009495.3</i>	-0.011871199	0.014361583	0.999275958	1
T2DM	macrophage	<i>AC067945.3</i>	-0.005668906	0.039450186	0.999275958	1
T2DM	macrophage	<i>AC105020.1</i>	-0.037959588	0.038383533	0.999275958	1
T2DM	macrophage	<i>ACSM5</i>	0.00660755	0.019567875	0.999275958	1
T2DM	macrophage	<i>ACSS3</i>	0.001745912	0.039244177	0.999275958	1
T2DM	macrophage	<i>ACTN4</i>	-0.001530756	0.041526722	0.999275958	1
T2DM	macrophage	<i>ADAM33</i>	0.002732298	0.033786535	0.999275958	1
T2DM	macrophage	<i>ADAM8</i>	-0.004601053	0.038720752	0.999275958	1
T2DM	macrophage	<i>ADAMTSL3</i>	0.001532897	0.011339646	0.999275958	1
T2DM	macrophage	<i>ADH1B</i>	0.001004523	0.045187365	0.999275958	1
T2DM	macrophage	<i>AGTPBP1</i>	-0.001624546	0.01026477	0.999275958	1
T2DM	macrophage	<i>AHCTF1</i>	-0.001940107	0.04267896	0.999275958	1
T2DM	macrophage	<i>AIMP2</i>	0.00595683	0.041212413	0.999275958	1
T2DM	macrophage	<i>ANGPT4</i>	-0.004837065	0.026756451	0.999275958	1
T2DM	macrophage	<i>ANGPTL5</i>	0.008536075	0.048643668	0.999275958	1
T2DM	macrophage	<i>ANKRD26</i>	0.002874303	0.043469721	0.999275958	1
T2DM	macrophage	<i>ANKRD44</i>	-0.000504505	0.021226035	0.999275958	1
T2DM	macrophage	<i>APIAR</i>	0.003227754	0.02946171	0.999275958	1
T2DM	macrophage	<i>APOBEC3G</i>	-0.002847516	0.049332592	0.999275958	1

T2DM	macrophage	<i>APOL5</i>	-0.036796626	0.008945047	0.999275958	1
T2DM	macrophage	<i>AQP3</i>	-0.006794555	0.044104629	0.999275958	1
T2DM	macrophage	<i>ARSG</i>	-0.001896058	0.037006153	0.999275958	1
T2DM	macrophage	<i>ATP10B</i>	-0.009884329	0.018763256	0.999275958	1
T2DM	macrophage	<i>ATP2A3</i>	-0.001913667	0.021498135	0.999275958	1
T2DM	macrophage	<i>ATP6V1H</i>	-0.002129383	0.033530296	0.999275958	1
T2DM	macrophage	<i>ATP8A1</i>	-0.001495891	0.009383567	0.999275958	1
T2DM	macrophage	<i>BHMT2</i>	0.00390797	0.031071294	0.999275958	1
T2DM	macrophage	<i>BICC1</i>	0.001240292	0.015344996	0.999275958	1
T2DM	macrophage	<i>BOC</i>	0.001926895	0.049521539	0.999275958	1
T2DM	macrophage	<i>BODIL1</i>	-0.002323528	0.02900373	0.999275958	1
T2DM	macrophage	<i>BTN2A1</i>	-0.004510903	0.025281511	0.999275958	1
T2DM	macrophage	<i>BTN3A1</i>	-0.003053342	0.000484177	0.999275958	1
T2DM	macrophage	<i>C11orf63</i>	0.003942543	0.03263503	0.999275958	1
T2DM	macrophage	<i>C2CD2</i>	0.002346972	0.037135279	0.999275958	1
T2DM	macrophage	<i>CARNS1</i>	-0.014730221	0.024361911	0.999275958	1
T2DM	macrophage	<i>CASP1</i>	-0.003761831	0.02612186	0.999275958	1
T2DM	macrophage	<i>CBX6</i>	-0.004413365	0.020243945	0.999275958	1
T2DM	macrophage	<i>CC2D1B</i>	-0.006253037	0.012617261	0.999275958	1
T2DM	macrophage	<i>CCDC146</i>	0.001715601	0.028933212	0.999275958	1
T2DM	macrophage	<i>CCDC88C</i>	-0.001083734	0.030906354	0.999275958	1
T2DM	macrophage	<i>CCDC97</i>	-0.005410196	0.018271377	0.999275958	1
T2DM	macrophage	<i>CCL4</i>	-0.002044675	0.033938174	0.999275958	1
T2DM	macrophage	<i>CCT8</i>	-0.004748101	0.018850923	0.999275958	1
T2DM	macrophage	<i>CCZ1</i>	-0.005831664	0.041239112	0.999275958	1
T2DM	macrophage	<i>CD27</i>	-0.006811072	0.000959163	0.999275958	1
T2DM	macrophage	<i>CD37</i>	-0.001702597	0.047478984	0.999275958	1
T2DM	macrophage	<i>CD52</i>	-0.002512202	0.029106611	0.999275958	1
T2DM	macrophage	<i>CDC25A</i>	-0.021491682	0.028843132	0.999275958	1
T2DM	macrophage	<i>CDC42SE2</i>	-0.000660064	0.038632453	0.999275958	1
T2DM	macrophage	<i>CDON</i>	0.001975709	0.010317054	0.999275958	1
T2DM	macrophage	<i>CEP120</i>	-0.002604029	0.033969124	0.999275958	1
T2DM	macrophage	<i>CEP44</i>	-0.002062927	0.041152541	0.999275958	1
T2DM	macrophage	<i>CEP95</i>	0.002128772	0.02387343	0.999275958	1
T2DM	macrophage	<i>CH25H</i>	-0.012696919	0.006473884	0.999275958	1
T2DM	macrophage	<i>CIB2</i>	-0.019918632	0.011470001	0.999275958	1
T2DM	macrophage	<i>CLEC18A</i>	-0.040652927	0.034870242	0.999275958	1
T2DM	macrophage	<i>CLUAP1</i>	-0.004395712	0.02046796	0.999275958	1
T2DM	macrophage	<i>COL12A1</i>	0.001590517	0.034589375	0.999275958	1
T2DM	macrophage	<i>CORO1A</i>	-0.004343372	0.00485838	0.999275958	1
T2DM	macrophage	<i>CSPG4</i>	-0.003257873	0.035727623	0.999275958	1
T2DM	macrophage	<i>CTSC</i>	-0.001393287	0.040202804	0.999275958	1
T2DM	macrophage	<i>CUL3</i>	-0.00210896	0.01070099	0.999275958	1
T2DM	macrophage	<i>CYBA</i>	-0.001206788	0.017026413	0.999275958	1
T2DM	macrophage	<i>CYP4F22</i>	-0.018561015	0.027229635	0.999275958	1
T2DM	macrophage	<i>CYTH1</i>	-0.000877083	0.027303444	0.999275958	1
T2DM	macrophage	<i>DAAMI</i>	0.001303723	0.031605582	0.999275958	1
T2DM	macrophage	<i>DDX23</i>	-0.005131058	0.017893352	0.999275958	1
T2DM	macrophage	<i>DIAPH1</i>	-0.001330987	0.034531938	0.999275958	1
T2DM	macrophage	<i>DOCK7</i>	0.00241859	0.024198931	0.999275958	1
T2DM	macrophage	<i>ECM2</i>	0.001846745	0.030758065	0.999275958	1
T2DM	macrophage	<i>EFCAB2</i>	0.002495098	0.044161125	0.999275958	1

T2DM	macrophage	<i>EFEMP1</i>	0.001294486	0.033389876	0.999275958	1
T2DM	macrophage	<i>FAM114A1</i>	0.002772642	0.022483303	0.999275958	1
T2DM	macrophage	<i>FAM126B</i>	-0.001335801	0.026090797	0.999275958	1
T2DM	macrophage	<i>FAM13A</i>	0.00130264	0.029086735	0.999275958	1
T2DM	macrophage	<i>FAM169A</i>	-0.003376221	0.043663472	0.999275958	1
T2DM	macrophage	<i>FCER1A</i>	0.003943236	0.011170992	0.999275958	1
T2DM	macrophage	<i>FDFT1</i>	-0.002031113	0.045390987	0.999275958	1
T2DM	macrophage	<i>FEZ1</i>	0.006104352	0.025613228	0.999275958	1
T2DM	macrophage	<i>FGFR1</i>	0.00161068	0.009261515	0.999275958	1
T2DM	macrophage	<i>FLRT2</i>	0.001158898	0.015495393	0.999275958	1
T2DM	macrophage	<i>FNBP1</i>	-0.000906275	0.031897382	0.999275958	1
T2DM	macrophage	<i>FNDC1</i>	0.002907396	0.048729784	0.999275958	1
T2DM	macrophage	<i>FOXP2</i>	0.001248548	0.021850978	0.999275958	1
T2DM	macrophage	<i>GALNT3</i>	-0.003704585	0.039856557	0.999275958	1
T2DM	macrophage	<i>GCSH</i>	0.011822954	0.024768865	0.999275958	1
T2DM	macrophage	<i>GGNBP2</i>	-0.001569149	0.0288364	0.999275958	1
T2DM	macrophage	<i>GHR</i>	0.000839843	0.044736265	0.999275958	1
T2DM	macrophage	<i>GIMAP1</i>	-0.004226074	0.040928897	0.999275958	1
T2DM	macrophage	<i>GIPC3</i>	-0.015148496	0.045135114	0.999275958	1
T2DM	macrophage	<i>GLDN</i>	-0.002686898	0.035145661	0.999275958	1
T2DM	macrophage	<i>GLS</i>	-0.000885893	0.029239633	0.999275958	1
T2DM	macrophage	<i>GMEB2</i>	-0.006765719	0.017959927	0.999275958	1
T2DM	macrophage	<i>GMIP</i>	-0.004545252	0.007014312	0.999275958	1
T2DM	macrophage	<i>GNLY</i>	-0.000597607	0.048937736	0.999275958	1
T2DM	macrophage	<i>GOLIM4</i>	0.002990504	0.033350853	0.999275958	1
T2DM	macrophage	<i>GPSM1</i>	0.012748691	0.032439668	0.999275958	1
T2DM	macrophage	<i>GREB1L</i>	0.002383491	0.010371049	0.999275958	1
T2DM	macrophage	<i>GRIN2A</i>	-0.003299445	0.031423649	0.999275958	1
T2DM	macrophage	<i>HERPUD2</i>	-0.002361941	0.027906598	0.999275958	1
T2DM	macrophage	<i>HEXDC</i>	-0.002210684	0.04283138	0.999275958	1
T2DM	macrophage	<i>HLA-A</i>	-0.001056556	0.009238559	0.999275958	1
T2DM	macrophage	<i>HLA-B</i>	-0.000615182	0.036059774	0.999275958	1
T2DM	macrophage	<i>HLA-C</i>	-0.001010185	0.017817259	0.999275958	1
T2DM	macrophage	<i>HLA-E</i>	-0.001171155	0.027174695	0.999275958	1
T2DM	macrophage	<i>HLCS</i>	-0.002543244	0.043806887	0.999275958	1
T2DM	macrophage	<i>HOPX</i>	-0.009263187	0.019453354	0.999275958	1
T2DM	macrophage	<i>HRASLS5</i>	0.005213051	0.020779067	0.999275958	1
T2DM	macrophage	<i>HSBP1L1</i>	-0.005285013	0.009631046	0.999275958	1
T2DM	macrophage	<i>ICAM2</i>	-0.003327113	0.024333548	0.999275958	1
T2DM	macrophage	<i>ICAM3</i>	-0.004158971	0.048342678	0.999275958	1
T2DM	macrophage	<i>IFNAR2</i>	-0.001209488	0.039690392	0.999275958	1
T2DM	macrophage	<i>IFT172</i>	0.005280589	0.001728596	0.999275958	1
T2DM	macrophage	<i>IKBKE</i>	-0.006779712	0.029234895	0.999275958	1
T2DM	macrophage	<i>IKZF3</i>	-0.000859227	0.043247793	0.999275958	1
T2DM	macrophage	<i>INPP4A</i>	-0.001069584	0.045278151	0.999275958	1
T2DM	macrophage	<i>ISG20</i>	-0.003375258	0.025204765	0.999275958	1
T2DM	macrophage	<i>ITGA4</i>	-0.000828668	0.032248718	0.999275958	1
T2DM	macrophage	<i>KHK</i>	-0.016947536	0.00411158	0.999275958	1
T2DM	macrophage	<i>KIAA0040</i>	-0.002957128	0.0117731	0.999275958	1
T2DM	macrophage	<i>KIAA1211</i>	0.008136625	0.023813162	0.999275958	1
T2DM	macrophage	<i>KPNA4</i>	0.002008022	0.002837116	0.999275958	1
T2DM	macrophage	<i>LAMA4</i>	0.000775242	0.018936533	0.999275958	1

T2DM	macrophage	<i>LBH</i>	-0.002077593	0.01430592	0.999275958	1
T2DM	macrophage	<i>LCLAT1</i>	-0.003074558	0.007602114	0.999275958	1
T2DM	macrophage	<i>LDB3</i>	-0.002173056	0.046503925	0.999275958	1
T2DM	macrophage	<i>LIG3</i>	-0.006784388	0.020351407	0.999275958	1
T2DM	macrophage	<i>LINC00526</i>	-0.017770503	0.006221911	0.999275958	1
T2DM	macrophage	<i>LINC00969</i>	0.002412409	0.006873177	0.999275958	1
T2DM	macrophage	<i>LLGL2</i>	-0.002365304	0.048346916	0.999275958	1
T2DM	macrophage	<i>LMO3</i>	0.001851041	0.011859627	0.999275958	1
T2DM	macrophage	<i>LRFN5</i>	0.003403006	0.034262144	0.999275958	1
T2DM	macrophage	<i>LSAMP</i>	0.003278652	0.026859106	0.999275958	1
T2DM	macrophage	<i>LSM7</i>	-0.003336883	0.038291877	0.999275958	1
T2DM	macrophage	<i>MAP3K5</i>	-0.001129011	0.019516715	0.999275958	1
T2DM	macrophage	<i>MAPK4</i>	-0.009194837	0.033140463	0.999275958	1
T2DM	macrophage	<i>MASP1</i>	0.011750348	0.013981045	0.999275958	1
T2DM	macrophage	<i>MBNL1</i>	-0.000657645	0.023559888	0.999275958	1
T2DM	macrophage	<i>ME3</i>	0.003263012	0.039176454	0.999275958	1
T2DM	macrophage	<i>MGST1</i>	0.001210587	0.004402408	0.999275958	1
T2DM	macrophage	<i>MRAS</i>	0.003302106	0.045113919	0.999275958	1
T2DM	macrophage	<i>MRC2</i>	0.001814324	0.044410163	0.999275958	1
T2DM	macrophage	<i>MTHFD1</i>	0.0037222	0.014647003	0.999275958	1
T2DM	macrophage	<i>MYBL1</i>	-0.001080557	0.034266979	0.999275958	1
T2DM	macrophage	<i>MYO18A</i>	-0.003846496	0.044552226	0.999275958	1
T2DM	macrophage	<i>NETO1</i>	-0.009055859	0.028830304	0.999275958	1
T2DM	macrophage	<i>NFYC</i>	-0.001936196	0.040981979	0.999275958	1
T2DM	macrophage	<i>NPC1</i>	-0.002400586	0.022890826	0.999275958	1
T2DM	macrophage	<i>NPNT</i>	-0.002958752	0.01670403	0.999275958	1
T2DM	macrophage	<i>NPR2</i>	0.013012918	0.026928665	0.999275958	1
T2DM	macrophage	<i>NTNG2</i>	-0.006645182	0.049848198	0.999275958	1
T2DM	macrophage	<i>OAF</i>	0.002358679	0.046679917	0.999275958	1
T2DM	macrophage	<i>OAS1</i>	-0.003023748	0.024734703	0.999275958	1
T2DM	macrophage	<i>OTOGL</i>	-0.014383703	0.049128351	0.999275958	1
T2DM	macrophage	<i>PARP8</i>	-0.000653048	0.042784119	0.999275958	1
T2DM	macrophage	<i>PBLD</i>	-0.006915323	0.0087983	0.999275958	1
T2DM	macrophage	<i>PBX1</i>	0.000720067	0.034573365	0.999275958	1
T2DM	macrophage	<i>PCGF5</i>	-0.00228078	0.01978616	0.999275958	1
T2DM	macrophage	<i>PCOLCE2</i>	0.00148147	0.003631501	0.999275958	1
T2DM	macrophage	<i>PCSK7</i>	-0.001675463	0.016028236	0.999275958	1
T2DM	macrophage	<i>PEMT</i>	-0.006647667	0.027228147	0.999275958	1
T2DM	macrophage	<i>PHLDB1</i>	0.001547162	0.029565466	0.999275958	1
T2DM	macrophage	<i>PICALM</i>	-0.000648355	0.041155717	0.999275958	1
T2DM	macrophage	<i>PIP4K2A</i>	-0.000714536	0.036811608	0.999275958	1
T2DM	macrophage	<i>PLCB2</i>	-0.003506481	0.024113965	0.999275958	1
T2DM	macrophage	<i>PLEKHA6</i>	0.00574576	0.013534671	0.999275958	1
T2DM	macrophage	<i>PMS2</i>	-0.008657282	0.002817596	0.999275958	1
T2DM	macrophage	<i>PPMIN</i>	-0.007388705	0.019865872	0.999275958	1
T2DM	macrophage	<i>PPP2R3C</i>	-0.001726331	0.034974922	0.999275958	1
T2DM	macrophage	<i>PPP2R5E</i>	-0.00177297	0.023009049	0.999275958	1
T2DM	macrophage	<i>PRDM5</i>	0.003560378	0.015122809	0.999275958	1
T2DM	macrophage	<i>PSD4</i>	-0.004103501	0.007483156	0.999275958	1
T2DM	macrophage	<i>PSORS1C1</i>	0.008794258	0.030543585	0.999275958	1
T2DM	macrophage	<i>PSRC1</i>	-0.016630269	0.027745885	0.999275958	1
T2DM	macrophage	<i>PTGDR</i>	-0.00226616	0.018645934	0.999275958	1

T2DM	macrophage	<i>PYHIN1</i>	-0.000818268	0.039302648	0.999275958	1
T2DM	macrophage	<i>RCAN2</i>	-0.000861909	0.011583718	0.999275958	1
T2DM	macrophage	<i>RCHY1</i>	-0.002870467	0.003005855	0.999275958	1
T2DM	macrophage	<i>RCSD1</i>	-0.000958102	0.019925045	0.999275958	1
T2DM	macrophage	<i>RET</i>	0.011261462	0.035244934	0.999275958	1
T2DM	macrophage	<i>RFFL</i>	-0.006741608	0.015164175	0.999275958	1
T2DM	macrophage	<i>RHOBTB3</i>	0.001094039	0.025918938	0.999275958	1
T2DM	macrophage	<i>RTN4</i>	0.001366197	0.034279963	0.999275958	1
T2DM	macrophage	<i>SENP3</i>	-0.009571294	0.04298778	0.999275958	1
T2DM	macrophage	<i>SERPINI1</i>	-0.003987464	0.025537854	0.999275958	1
T2DM	macrophage	<i>SH3D19</i>	0.000828605	0.022627667	0.999275958	1
T2DM	macrophage	<i>SLAIN2</i>	-0.003555121	0.011906049	0.999275958	1
T2DM	macrophage	<i>SLC20A1</i>	-0.002877465	0.019809221	0.999275958	1
T2DM	macrophage	<i>SLC26A10</i>	-0.016328551	0.002135821	0.999275958	1
T2DM	macrophage	<i>SLC38A10</i>	-0.00174299	0.048796837	0.999275958	1
T2DM	macrophage	<i>SLC41A2</i>	0.003091474	0.016140135	0.999275958	1
T2DM	macrophage	<i>SLC9A3R1</i>	-0.003686179	0.032330718	0.999275958	1
T2DM	macrophage	<i>SLFN12L</i>	-0.000953605	0.013558327	0.999275958	1
T2DM	macrophage	<i>SLFN13</i>	-0.008263374	0.00984723	0.999275958	1
T2DM	macrophage	<i>SMCHD1</i>	-0.000417869	0.044223312	0.999275958	1
T2DM	macrophage	<i>SMG9</i>	0.004170648	0.02331122	0.999275958	1
T2DM	macrophage	<i>SP110</i>	-0.002006833	0.004212038	0.999275958	1
T2DM	macrophage	<i>SPATA22</i>	0.002456603	0.043372075	0.999275958	1
T2DM	macrophage	<i>SPATA7</i>	0.002888691	0.04809659	0.999275958	1
T2DM	macrophage	<i>SPOCK2</i>	-0.002250729	0.049435494	0.999275958	1
T2DM	macrophage	<i>SPTBN1</i>	0.000689809	0.023880191	0.999275958	1
T2DM	macrophage	<i>SRGAP1</i>	0.002140561	0.002933868	0.999275958	1
T2DM	macrophage	<i>SRP68</i>	-0.004796354	0.008806448	0.999275958	1
T2DM	macrophage	<i>SRPK2</i>	-0.000521332	0.043933443	0.999275958	1
T2DM	macrophage	<i>SSC5D</i>	0.005351623	0.023358039	0.999275958	1
T2DM	macrophage	<i>ST3GAL6</i>	0.004148142	0.000232935	0.999275958	1
T2DM	macrophage	<i>STIM2</i>	-0.001911537	0.031789954	0.999275958	1
T2DM	macrophage	<i>STK17A</i>	-0.001137655	0.044722125	0.999275958	1
T2DM	macrophage	<i>SVEP1</i>	0.001516329	0.013641386	0.999275958	1
T2DM	macrophage	<i>TAS2R46</i>	-0.024028898	0.045614364	0.999275958	1
T2DM	macrophage	<i>TBC1D9B</i>	0.004235505	0.019601237	0.999275958	1
T2DM	macrophage	<i>TLN2</i>	0.001687006	0.000751793	0.999275958	1
T2DM	macrophage	<i>TM2D3</i>	-0.00516763	0.020325875	0.999275958	1
T2DM	macrophage	<i>TMC6</i>	-0.003801337	0.006483806	0.999275958	1
T2DM	macrophage	<i>TMCO1</i>	0.003597972	0.00573017	0.999275958	1
T2DM	macrophage	<i>TMEM2</i>	-0.001817484	0.015364637	0.999275958	1
T2DM	macrophage	<i>TMEM232</i>	0.004853065	0.037422247	0.999275958	1
T2DM	macrophage	<i>TRIM13</i>	-0.002189564	0.025224465	0.999275958	1
T2DM	macrophage	<i>TSHZ2</i>	0.000577347	0.010512261	0.999275958	1
T2DM	macrophage	<i>TXNL4A</i>	-0.004246984	0.009979904	0.999275958	1
T2DM	macrophage	<i>UBQLN1</i>	-0.001787528	0.020531962	0.999275958	1
T2DM	macrophage	<i>UBXN2A</i>	0.003259764	0.043094392	0.999275958	1
T2DM	macrophage	<i>USB1</i>	-0.01008259	0.010860073	0.999275958	1
T2DM	macrophage	<i>USP37</i>	-0.001920872	0.035220751	0.999275958	1
T2DM	macrophage	<i>USP53</i>	0.001462801	0.013993682	0.999275958	1
T2DM	macrophage	<i>VCAM1</i>	-0.004133292	0.031811324	0.999275958	1
T2DM	macrophage	<i>VEPH1</i>	0.008039911	0.041052096	0.999275958	1

T2DM	macrophage	<i>VSIG10</i>	0.003590162	0.048633672	0.999275958	1
T2DM	macrophage	<i>ZDHHC2</i>	-0.003769687	0.00689749	0.999275958	1
T2DM	macrophage	<i>ZFPM2</i>	0.000543691	0.046273422	0.999275958	1
T2DM	macrophage	<i>ZNF200</i>	-0.010205038	0.005588718	0.999275958	1
T2DM	macrophage	<i>ZNF589</i>	-0.002785105	0.021180662	0.999275958	1
T2DM	macrophage	<i>ZNF664</i>	-0.007088499	0.042753243	0.999275958	1
T2DM	macrophage	<i>ZSCAN30</i>	0.002641123	0.01537061	0.999275958	1
T2DM	macrophage	<i>OR51E2</i>	-0.017187497	0.035795416	0.999275958	1
T2DM	macrophage	<i>PDE6H</i>	0.006210211	0.011144802	0.999275958	1
T2DM	mast_cell	<i>ABCA8</i>	0.001124118	0.005028012	0.945260583	1
T2DM	mast_cell	<i>ABCB1</i>	-0.003612089	0.023413748	0.945260583	1
T2DM	mast_cell	<i>AC131971.1</i>	-0.026204464	0.037843565	0.945260583	1
T2DM	mast_cell	<i>ACOX2</i>	0.004410161	0.039252384	0.945260583	1
T2DM	mast_cell	<i>ACTN4</i>	-0.002371083	0.00160459	0.945260583	1
T2DM	mast_cell	<i>ADAM33</i>	0.002830226	0.027930062	0.945260583	1
T2DM	mast_cell	<i>ADAMTSL3</i>	0.001387101	0.021976671	0.945260583	1
T2DM	mast_cell	<i>ADARB2</i>	-0.007394511	0.043088944	0.945260583	1
T2DM	mast_cell	<i>ADH1B</i>	0.001111115	0.02677757	0.945260583	1
T2DM	mast_cell	<i>ADH6</i>	0.015915136	0.032450608	0.945260583	1
T2DM	mast_cell	<i>ADIPOQ</i>	0.001287457	0.03725568	0.945260583	1
T2DM	mast_cell	<i>AGTPBP1</i>	-0.001728705	0.006433905	0.945260583	1
T2DM	mast_cell	<i>ANGPT4</i>	-0.005981905	0.006170617	0.945260583	1
T2DM	mast_cell	<i>ANKRD44</i>	-0.000434733	0.047355068	0.945260583	1
T2DM	mast_cell	<i>APOL5</i>	-0.030952214	0.027849841	0.945260583	1
T2DM	mast_cell	<i>ARHGAP1</i>	-0.002640476	0.048172856	0.945260583	1
T2DM	mast_cell	<i>ARHGEF7</i>	-0.001671624	0.007067729	0.945260583	1
T2DM	mast_cell	<i>ARL6IP1</i>	-0.004037593	0.014718813	0.945260583	1
T2DM	mast_cell	<i>ASAP3</i>	0.005276765	0.019798233	0.945260583	1
T2DM	mast_cell	<i>ATP1B2</i>	-0.01618675	0.028151683	0.945260583	1
T2DM	mast_cell	<i>ATP2A3</i>	-0.001706896	0.040703056	0.945260583	1
T2DM	mast_cell	<i>ATP8A1</i>	-0.001672225	0.0036998	0.945260583	1
T2DM	mast_cell	<i>AVPR1A</i>	-0.002890108	0.025882108	0.945260583	1
T2DM	mast_cell	<i>B4GALNT1</i>	-0.021327084	0.049279165	0.945260583	1
T2DM	mast_cell	<i>BAHD1</i>	-0.005729894	0.002369508	0.945260583	1
T2DM	mast_cell	<i>BCL2L1</i>	-0.002257277	0.015733486	0.945260583	1
T2DM	mast_cell	<i>BOC</i>	0.001978903	0.043734445	0.945260583	1
T2DM	mast_cell	<i>BRSK2</i>	-0.022302807	0.011285828	0.945260583	1
T2DM	mast_cell	<i>BTN2A1</i>	-0.004148015	0.039128847	0.945260583	1
T2DM	mast_cell	<i>BTN3A2</i>	-0.002718174	0.034268303	0.945260583	1
T2DM	mast_cell	<i>C19orf48</i>	-0.012964526	0.006284236	0.945260583	1
T2DM	mast_cell	<i>C1QTNF6</i>	-0.005865517	0.035361062	0.945260583	1
T2DM	mast_cell	<i>CC2D1B</i>	-0.005251363	0.035354985	0.945260583	1
T2DM	mast_cell	<i>CCDC88C</i>	-0.001265631	0.011752355	0.945260583	1
T2DM	mast_cell	<i>CCL23</i>	-0.03612897	0.02188756	0.945260583	1
T2DM	mast_cell	<i>CD38</i>	-0.002746557	0.049650514	0.945260583	1
T2DM	mast_cell	<i>CD52</i>	-0.002672148	0.020287787	0.945260583	1
T2DM	mast_cell	<i>CDKN2D</i>	-0.008740563	0.022312153	0.945260583	1
T2DM	mast_cell	<i>CDON</i>	0.001696318	0.027620761	0.945260583	1
T2DM	mast_cell	<i>CEACAM21</i>	-0.003031736	0.03595668	0.945260583	1
T2DM	mast_cell	<i>CEPT1</i>	-0.001913618	0.011703975	0.945260583	1
T2DM	mast_cell	<i>CH25H</i>	-0.011108912	0.017432931	0.945260583	1
T2DM	mast_cell	<i>CISDI</i>	-0.004469295	0.040993734	0.945260583	1

T2DM	mast_cell	<i>CLEC2D</i>	-0.000790479	0.042094604	0.945260583	1
T2DM	mast_cell	<i>CNIH1</i>	-0.004485531	0.016940398	0.945260583	1
T2DM	mast_cell	<i>CNOT6L</i>	-0.001638925	0.011015287	0.945260583	1
T2DM	mast_cell	<i>COL12A1</i>	0.001959793	0.009149244	0.945260583	1
T2DM	mast_cell	<i>COL21A1</i>	-0.002855996	0.038147812	0.945260583	1
T2DM	mast_cell	<i>CORO1A</i>	-0.003555036	0.021390887	0.945260583	1
T2DM	mast_cell	<i>CSDC2</i>	-0.018071716	0.000667587	0.945260583	1
T2DM	mast_cell	<i>CTNNA3</i>	-0.000973841	0.029673188	0.945260583	1
T2DM	mast_cell	<i>CYBA</i>	-0.001100202	0.029749986	0.945260583	1
T2DM	mast_cell	<i>CYTH1</i>	-0.000801476	0.043814192	0.945260583	1
T2DM	mast_cell	<i>DGCR2</i>	-0.00307007	0.019038786	0.945260583	1
T2DM	mast_cell	<i>DIAPH1</i>	-0.001406038	0.025684001	0.945260583	1
T2DM	mast_cell	<i>DNAJC10</i>	-0.001552908	0.048573414	0.945260583	1
T2DM	mast_cell	<i>DNAJC27</i>	-0.005199553	0.035104962	0.945260583	1
T2DM	mast_cell	<i>DOCK3</i>	-0.004845339	0.043362528	0.945260583	1
T2DM	mast_cell	<i>DPY19L4</i>	0.00450647	0.027604684	0.945260583	1
T2DM	mast_cell	<i>DPYSL4</i>	-0.005400581	0.023290464	0.945260583	1
T2DM	mast_cell	<i>DRAM2</i>	-0.002055892	0.040496978	0.945260583	1
T2DM	mast_cell	<i>DUS3L</i>	-0.005158117	0.043155101	0.945260583	1
T2DM	mast_cell	<i>EFEMP1</i>	0.001803839	0.003033303	0.945260583	1
T2DM	mast_cell	<i>ERAP2</i>	-0.002067588	0.038421916	0.945260583	1
T2DM	mast_cell	<i>ERP27</i>	-0.005753889	0.042135581	0.945260583	1
T2DM	mast_cell	<i>ETV4</i>	-0.004339899	0.046363102	0.945260583	1
T2DM	mast_cell	<i>EXOC2</i>	-0.001610424	0.033942972	0.945260583	1
T2DM	mast_cell	<i>FAM114A1</i>	0.003400117	0.005154197	0.945260583	1
T2DM	mast_cell	<i>FAM149B1</i>	0.002246618	0.022052123	0.945260583	1
T2DM	mast_cell	<i>FAM153B</i>	-0.014637431	0.001674523	0.945260583	1
T2DM	mast_cell	<i>FAP</i>	0.004811942	0.038443575	0.945260583	1
T2DM	mast_cell	<i>FGFBP3</i>	0.009419167	0.02379874	0.945260583	1
T2DM	mast_cell	<i>FKBP11</i>	-0.005343738	0.044345046	0.945260583	1
T2DM	mast_cell	<i>FLNC</i>	0.0091216	0.048103044	0.945260583	1
T2DM	mast_cell	<i>FLRT2</i>	0.001118803	0.019452097	0.945260583	1
T2DM	mast_cell	<i>FOXP2</i>	0.001428897	0.008694551	0.945260583	1
T2DM	mast_cell	<i>FOXS1</i>	-0.02259515	0.030769144	0.945260583	1
T2DM	mast_cell	<i>FSTL1</i>	0.001088484	0.02147941	0.945260583	1
T2DM	mast_cell	<i>GATAD2A</i>	-0.001810734	0.049455021	0.945260583	1
T2DM	mast_cell	<i>GFOD1</i>	-0.001786745	0.022995202	0.945260583	1
T2DM	mast_cell	<i>GLDN</i>	-0.00264318	0.038087841	0.945260583	1
T2DM	mast_cell	<i>GLIPR1</i>	-0.002505694	0.011120008	0.945260583	1
T2DM	mast_cell	<i>GM2A</i>	-0.002760957	0.040318955	0.945260583	1
T2DM	mast_cell	<i>GNLY</i>	-0.000627853	0.038732421	0.945260583	1
T2DM	mast_cell	<i>GNPDA1</i>	-0.002639921	0.047187593	0.945260583	1
T2DM	mast_cell	<i>GOLGA7B</i>	-0.017042645	0.041445953	0.945260583	1
T2DM	mast_cell	<i>GPR63</i>	-0.009298695	0.01529834	0.945260583	1
T2DM	mast_cell	<i>GPX7</i>	-0.004301759	0.044002068	0.945260583	1
T2DM	mast_cell	<i>GREB1L</i>	0.001985706	0.032701874	0.945260583	1
T2DM	mast_cell	<i>GRIN2A</i>	-0.003398659	0.026889203	0.945260583	1
T2DM	mast_cell	<i>GRPEL1</i>	0.003581002	0.037779719	0.945260583	1
T2DM	mast_cell	<i>HIFX</i>	-0.003451438	0.044183958	0.945260583	1
T2DM	mast_cell	<i>HDDC2</i>	-0.004460233	0.031450466	0.945260583	1
T2DM	mast_cell	<i>HLA-A</i>	-0.000922247	0.023167389	0.945260583	1
T2DM	mast_cell	<i>HLA-B</i>	-0.000640239	0.029238531	0.945260583	1

T2DM	mast_cell	<i>HLA-C</i>	-0.000985669	0.020868414	0.945260583	1
T2DM	mast_cell	<i>HLA-E</i>	-0.001044868	0.048848296	0.945260583	1
T2DM	mast_cell	<i>HLA-F</i>	-0.002029285	0.044532137	0.945260583	1
T2DM	mast_cell	<i>HOPX</i>	-0.010523101	0.007873212	0.945260583	1
T2DM	mast_cell	<i>HOXA4</i>	0.017886019	0.017225752	0.945260583	1
T2DM	mast_cell	<i>HP</i>	-0.017647371	0.041063189	0.945260583	1
T2DM	mast_cell	<i>HTRA3</i>	0.002062968	0.044149385	0.945260583	1
T2DM	mast_cell	<i>ICAM2</i>	-0.003435318	0.020033961	0.945260583	1
T2DM	mast_cell	<i>ICAM3</i>	-0.006332585	0.002679022	0.945260583	1
T2DM	mast_cell	<i>IFIT5</i>	-0.009448478	0.027218019	0.945260583	1
T2DM	mast_cell	<i>IFNAR2</i>	-0.001210134	0.039668272	0.945260583	1
T2DM	mast_cell	<i>IKBKE</i>	-0.007185656	0.020673181	0.945260583	1
T2DM	mast_cell	<i>IKZF3</i>	-0.000977749	0.021816985	0.945260583	1
T2DM	mast_cell	<i>INPP4A</i>	-0.001051492	0.049040946	0.945260583	1
T2DM	mast_cell	<i>INTS1</i>	-0.005022754	0.048589632	0.945260583	1
T2DM	mast_cell	<i>ITGA11</i>	0.001648016	0.032954841	0.945260583	1
T2DM	mast_cell	<i>ITGA4</i>	-0.000792427	0.040687879	0.945260583	1
T2DM	mast_cell	<i>JAKMIP3</i>	0.020829074	0.048071089	0.945260583	1
T2DM	mast_cell	<i>JAZF1</i>	-0.000829677	0.032391308	0.945260583	1
T2DM	mast_cell	<i>KCNH4</i>	0.00723703	0.049699084	0.945260583	1
T2DM	mast_cell	<i>KHNYN</i>	-0.004308712	0.019721606	0.945260583	1
T2DM	mast_cell	<i>KIAA0825</i>	0.001710303	0.010712013	0.945260583	1
T2DM	mast_cell	<i>KRII</i>	-0.005013288	0.01605556	0.945260583	1
T2DM	mast_cell	<i>LAMA4</i>	0.001104004	0.00083606	0.945260583	1
T2DM	mast_cell	<i>LAMB1</i>	0.001835385	0.042650093	0.945260583	1
T2DM	mast_cell	<i>LAPTM5</i>	-0.001917719	0.032709089	0.945260583	1
T2DM	mast_cell	<i>LBH</i>	-0.002812411	0.000921587	0.945260583	1
T2DM	mast_cell	<i>LCLAT1</i>	-0.002519903	0.028694682	0.945260583	1
T2DM	mast_cell	<i>LDB3</i>	-0.002244994	0.039887424	0.945260583	1
T2DM	mast_cell	<i>LINC00702</i>	-0.00504617	0.018699786	0.945260583	1
T2DM	mast_cell	<i>LINC00957</i>	-0.048035339	0.030428265	0.945260583	1
T2DM	mast_cell	<i>LINC00969</i>	0.002312226	0.009180194	0.945260583	1
T2DM	mast_cell	<i>LMO3</i>	0.001892316	0.010110671	0.945260583	1
T2DM	mast_cell	<i>LNPEP</i>	-0.001499194	0.031629844	0.945260583	1
T2DM	mast_cell	<i>LPL</i>	0.001398926	0.022370405	0.945260583	1
T2DM	mast_cell	<i>LRP8</i>	-0.005865681	0.044360061	0.945260583	1
T2DM	mast_cell	<i>LRRC37A2</i>	-0.003801819	0.048715112	0.945260583	1
T2DM	mast_cell	<i>MAG</i>	-0.045122759	0.0424484	0.945260583	1
T2DM	mast_cell	<i>MAP3K5</i>	-0.001091555	0.024012012	0.945260583	1
T2DM	mast_cell	<i>MAP3K8</i>	-0.001659454	0.014314624	0.945260583	1
T2DM	mast_cell	<i>MAPK4</i>	-0.011031042	0.010451772	0.945260583	1
T2DM	mast_cell	<i>MATN3</i>	-0.02433217	0.02997801	0.945260583	1
T2DM	mast_cell	<i>MBNL1</i>	-0.000656889	0.023783511	0.945260583	1
T2DM	mast_cell	<i>MCM4</i>	-0.007557887	0.047476411	0.945260583	1
T2DM	mast_cell	<i>MEI1</i>	-0.006609379	0.015483923	0.945260583	1
T2DM	mast_cell	<i>MMP16</i>	0.002154908	0.022982711	0.945260583	1
T2DM	mast_cell	<i>MRC2</i>	0.002020522	0.025201162	0.945260583	1
T2DM	mast_cell	<i>MRPL47</i>	-0.004668378	0.025303178	0.945260583	1
T2DM	mast_cell	<i>MRPL52</i>	-0.003358657	0.026323673	0.945260583	1
T2DM	mast_cell	<i>MRPS23</i>	0.009512581	0.023271833	0.945260583	1
T2DM	mast_cell	<i>MTHFD1</i>	0.003134121	0.040678666	0.945260583	1
T2DM	mast_cell	<i>MTRFIL</i>	-0.005383286	0.04747551	0.945260583	1

T2DM	mast_cell	<i>MYL12A</i>	-0.003212362	0.034565221	0.945260583	1
T2DM	mast_cell	<i>MYOC</i>	0.003481042	0.02833072	0.945260583	1
T2DM	mast_cell	<i>MYOM2</i>	-0.014700804	0.008345669	0.945260583	1
T2DM	mast_cell	<i>NAALADL1</i>	-0.012790426	0.026375741	0.945260583	1
T2DM	mast_cell	<i>NBEAL2</i>	-0.002408488	0.044321356	0.945260583	1
T2DM	mast_cell	<i>NEURL1B</i>	-0.002857907	0.002640495	0.945260583	1
T2DM	mast_cell	<i>NFIA</i>	0.0007106	0.027980209	0.945260583	1
T2DM	mast_cell	<i>NFIC</i>	0.001716509	0.037838054	0.945260583	1
T2DM	mast_cell	<i>NIPAL3</i>	-0.002438842	0.01587171	0.945260583	1
T2DM	mast_cell	<i>NMRAL1</i>	-0.004467856	0.027652643	0.945260583	1
T2DM	mast_cell	<i>NPC1</i>	-0.002346167	0.026375938	0.945260583	1
T2DM	mast_cell	<i>NPEPPS</i>	0.002572868	0.005343082	0.945260583	1
T2DM	mast_cell	<i>NUAK2</i>	-0.006076371	0.032587647	0.945260583	1
T2DM	mast_cell	<i>OAS1</i>	-0.002742813	0.041384512	0.945260583	1
T2DM	mast_cell	<i>OLFML3</i>	0.003343046	0.037745438	0.945260583	1
T2DM	mast_cell	<i>ORAI2</i>	-0.003468482	0.022919844	0.945260583	1
T2DM	mast_cell	<i>OSTF1</i>	-0.001699381	0.037279015	0.945260583	1
T2DM	mast_cell	<i>PARD3</i>	0.000597734	0.043362374	0.945260583	1
T2DM	mast_cell	<i>PARM1</i>	-0.001864323	0.022235391	0.945260583	1
T2DM	mast_cell	<i>PARP15</i>	-0.002163684	0.003138981	0.945260583	1
T2DM	mast_cell	<i>PARVG</i>	-0.002842363	0.043332821	0.945260583	1
T2DM	mast_cell	<i>PCGF5</i>	-0.002131304	0.030053734	0.945260583	1
T2DM	mast_cell	<i>PCLO</i>	0.002606045	0.04696622	0.945260583	1
T2DM	mast_cell	<i>PCOLCE2</i>	0.001178589	0.020582356	0.945260583	1
T2DM	mast_cell	<i>PCSK7</i>	-0.001739414	0.012460948	0.945260583	1
T2DM	mast_cell	<i>PDE4C</i>	-0.004431009	0.04239986	0.945260583	1
T2DM	mast_cell	<i>PHLDB1</i>	0.001475845	0.037804057	0.945260583	1
T2DM	mast_cell	<i>PHYHD1</i>	0.004677487	0.029401205	0.945260583	1
T2DM	mast_cell	<i>PII6</i>	0.001732245	0.009352105	0.945260583	1
T2DM	mast_cell	<i>PI4KA</i>	-0.001554651	0.024246338	0.945260583	1
T2DM	mast_cell	<i>PIGB</i>	-0.004003771	0.014397957	0.945260583	1
T2DM	mast_cell	<i>PIGK</i>	-0.00385672	0.031114347	0.945260583	1
T2DM	mast_cell	<i>PPMIN</i>	-0.008855324	0.00516478	0.945260583	1
T2DM	mast_cell	<i>PRICKLE1</i>	0.001679716	0.0265774	0.945260583	1
T2DM	mast_cell	<i>PRKD2</i>	-0.002339563	0.010610035	0.945260583	1
T2DM	mast_cell	<i>PSMB9</i>	-0.002126713	0.015672012	0.945260583	1
T2DM	mast_cell	<i>PTGDR</i>	-0.002066541	0.032003732	0.945260583	1
T2DM	mast_cell	<i>PTGER3</i>	0.001312209	0.003118194	0.945260583	1
T2DM	mast_cell	<i>PTPRS</i>	0.001331666	0.036345834	0.945260583	1
T2DM	mast_cell	<i>PVR</i>	-0.009427838	0.023323479	0.945260583	1
T2DM	mast_cell	<i>RAB37</i>	-0.003734006	0.035457494	0.945260583	1
T2DM	mast_cell	<i>RABGAP1L</i>	-0.000595278	0.035220116	0.945260583	1
T2DM	mast_cell	<i>RAMP2-AS1</i>	0.005371042	0.022878121	0.945260583	1
T2DM	mast_cell	<i>RAP1A</i>	-0.001275081	0.03519639	0.945260583	1
T2DM	mast_cell	<i>RASGEF1A</i>	-0.009205363	0.033371134	0.945260583	1
T2DM	mast_cell	<i>RASSF1</i>	-0.001748323	0.04786366	0.945260583	1
T2DM	mast_cell	<i>RCSD1</i>	-0.001035476	0.011947803	0.945260583	1
T2DM	mast_cell	<i>RGS7BP</i>	-0.009737966	0.007792646	0.945260583	1
T2DM	mast_cell	<i>RHOBTB3</i>	0.000967485	0.049097781	0.945260583	1
T2DM	mast_cell	<i>RHOH</i>	-0.000947313	0.027495482	0.945260583	1
T2DM	mast_cell	<i>RNASEH2B</i>	-0.001671255	0.043348238	0.945260583	1
T2DM	mast_cell	<i>RPL28</i>	-0.001817987	0.045810293	0.945260583	1

T2DM	mast_cell	<i>RPS2</i>	-0.003384917	0.042293617	0.945260583	1
T2DM	mast_cell	<i>RTCA</i>	-0.004358716	0.030155467	0.945260583	1
T2DM	mast_cell	<i>S100A10</i>	0.001442067	0.008223604	0.945260583	1
T2DM	mast_cell	<i>SAMD9</i>	-0.003265892	0.020153876	0.945260583	1
T2DM	mast_cell	<i>SEC14L1</i>	-0.001075527	0.030638118	0.945260583	1
T2DM	mast_cell	<i>SERPINI1</i>	-0.004921013	0.005961651	0.945260583	1
T2DM	mast_cell	<i>SF3A3</i>	-0.003591301	0.00841925	0.945260583	1
T2DM	mast_cell	<i>SH3D19</i>	0.000725332	0.046071417	0.945260583	1
T2DM	mast_cell	<i>SH3PXD2B</i>	0.001461013	0.025448417	0.945260583	1
T2DM	mast_cell	<i>SLAIN2</i>	-0.002938981	0.037661126	0.945260583	1
T2DM	mast_cell	<i>SLC25A30</i>	-0.004857302	0.031979718	0.945260583	1
T2DM	mast_cell	<i>SLC39A9</i>	-0.003329204	0.044667407	0.945260583	1
T2DM	mast_cell	<i>SLC41A2</i>	0.00289801	0.023694847	0.945260583	1
T2DM	mast_cell	<i>SLC44A2</i>	-0.00245027	0.011866672	0.945260583	1
T2DM	mast_cell	<i>SLFN13</i>	-0.008122435	0.011494737	0.945260583	1
T2DM	mast_cell	<i>SMARCAL1</i>	-0.002665591	0.010086044	0.945260583	1
T2DM	mast_cell	<i>SMG7</i>	-0.00207293	0.026145348	0.945260583	1
T2DM	mast_cell	<i>SOX7</i>	-0.007320948	0.045144567	0.945260583	1
T2DM	mast_cell	<i>SP110</i>	-0.001937161	0.005716517	0.945260583	1
T2DM	mast_cell	<i>SPTBN1</i>	0.000637379	0.036884429	0.945260583	1
T2DM	mast_cell	<i>SRGAP1</i>	0.001672486	0.020202707	0.945260583	1
T2DM	mast_cell	<i>SRL</i>	-0.00871889	0.023000138	0.945260583	1
T2DM	mast_cell	<i>ST3GAL6</i>	0.004481022	7.38E-05	0.440850274	0.440850274
T2DM	mast_cell	<i>STAT4</i>	-0.000808797	0.041917432	0.945260583	1
T2DM	mast_cell	<i>STK17A</i>	-0.001344299	0.017687296	0.945260583	1
T2DM	mast_cell	<i>STRC</i>	-0.007392178	0.01064597	0.945260583	1
T2DM	mast_cell	<i>SVEP1</i>	0.002079062	0.000756477	0.945260583	1
T2DM	mast_cell	<i>TAF10</i>	-0.006493809	0.026999231	0.945260583	1
T2DM	mast_cell	<i>TAF3</i>	-0.001954798	0.036879608	0.945260583	1
T2DM	mast_cell	<i>TAP1</i>	-0.004522563	0.032588229	0.945260583	1
T2DM	mast_cell	<i>TAPBP</i>	-0.001911545	0.043360456	0.945260583	1
T2DM	mast_cell	<i>TBC1D10C</i>	-0.003197688	0.017348842	0.945260583	1
T2DM	mast_cell	<i>TBCB</i>	-0.006899416	0.030842243	0.945260583	1
T2DM	mast_cell	<i>TEX29</i>	-0.013719138	0.024139296	0.945260583	1
T2DM	mast_cell	<i>TIPRL</i>	-0.002801262	0.038865611	0.945260583	1
T2DM	mast_cell	<i>TLN1</i>	-0.002451537	0.041481318	0.945260583	1
T2DM	mast_cell	<i>TLN2</i>	0.001110241	0.026550943	0.945260583	1
T2DM	mast_cell	<i>TMC6</i>	-0.003751993	0.007171134	0.945260583	1
T2DM	mast_cell	<i>TMEM2</i>	-0.00183576	0.01448155	0.945260583	1
T2DM	mast_cell	<i>TMEM206</i>	-0.003541235	0.037880396	0.945260583	1
T2DM	mast_cell	<i>TMEM209</i>	-0.007437007	0.025723508	0.945260583	1
T2DM	mast_cell	<i>TMEM223</i>	-0.005956913	0.047574426	0.945260583	1
T2DM	mast_cell	<i>TMEM38B</i>	-0.005347054	0.026743461	0.945260583	1
T2DM	mast_cell	<i>TNFRSF11B</i>	-0.010832592	0.006045029	0.945260583	1
T2DM	mast_cell	<i>TPD52</i>	-0.001040276	0.043840475	0.945260583	1
T2DM	mast_cell	<i>TRPC3</i>	-0.008986148	0.04281715	0.945260583	1
T2DM	mast_cell	<i>TSC22D1</i>	-0.001350403	0.035817233	0.945260583	1
T2DM	mast_cell	<i>TSEN2</i>	-0.003479882	0.035300287	0.945260583	1
T2DM	mast_cell	<i>TSHZ2</i>	0.000538902	0.017018873	0.945260583	1
T2DM	mast_cell	<i>TSTD1</i>	-0.003960883	0.031692333	0.945260583	1
T2DM	mast_cell	<i>TULP1</i>	-0.013916947	0.020416552	0.945260583	1
T2DM	mast_cell	<i>U2AF1</i>	-0.011840294	0.035856254	0.945260583	1

T2DM	mast_cell	<i>UBXN2B</i>	-0.003608343	0.027327203	0.945260583	1
T2DM	mast_cell	<i>USP53</i>	0.001574407	0.008330215	0.945260583	1
T2DM	mast_cell	<i>UTS2</i>	0.009747755	0.028199368	0.945260583	1
T2DM	mast_cell	<i>WDR19</i>	0.003261363	0.028584146	0.945260583	1
T2DM	mast_cell	<i>WTIP</i>	-0.00214	0.048692924	0.945260583	1
T2DM	mast_cell	<i>ZBTB32</i>	-0.006005115	0.031509976	0.945260583	1
T2DM	mast_cell	<i>ZC3H3</i>	-0.003140287	0.034851941	0.945260583	1
T2DM	mast_cell	<i>ZFHX4</i>	0.00194028	0.018868338	0.945260583	1
T2DM	mast_cell	<i>ZKSCAN1</i>	0.003056004	0.005896067	0.945260583	1
T2DM	mast_cell	<i>ZNF165</i>	-0.024536102	0.007555434	0.945260583	1
T2DM	mast_cell	<i>ZNF202</i>	-0.004420859	0.047096405	0.945260583	1
T2DM	mast_cell	<i>ZNF276</i>	-0.003051828	0.033180929	0.945260583	1
T2DM	mast_cell	<i>ZNF33A</i>	-0.002425712	0.032869437	0.945260583	1
T2DM	mast_cell	<i>ZNF33B</i>	-0.002849421	0.029390145	0.945260583	1
T2DM	mast_cell	<i>ZNF90</i>	-0.004474292	0.027243859	0.945260583	1
T2DM	mast_cell	<i>ZNF93</i>	-0.004918554	0.020951479	0.945260583	1
T2DM	mast_cell	<i>LEFTY1</i>	-0.076090237	0.036819591	0.945260583	1
T2DM	mast_cell	<i>TP53TG3D</i>	-0.03230873	0.045334218	0.945260583	1
T2DM	mast_cell	<i>OR2AE1</i>	-0.004031738	0.005184483	0.945260583	1
T2DM	mast_cell	<i>KRT72</i>	-0.05451461	0.026902418	0.945260583	1
T2DM	mast_cell	<i>OR51E2</i>	-0.019764129	0.01585676	0.945260583	1
T2DM	mast_cell	<i>LILRA4</i>	-0.040189601	0.02279137	0.945260583	1
T2DM	mast_cell	<i>AMY2A</i>	-0.009445957	0.013570583	0.945260583	1
T2DM	monocyte	<i>ABCA8</i>	0.000972662	0.015084828	0.908558341	1
T2DM	monocyte	<i>ABCB1</i>	-0.003128265	0.049645973	0.926573707	1
T2DM	monocyte	<i>AC105020.1</i>	0.039527953	0.034973996	0.920651248	1
T2DM	monocyte	<i>ACOX2</i>	0.004580308	0.032375666	0.908558341	1
T2DM	monocyte	<i>ACTN4</i>	-0.00153221	0.041586563	0.922988982	1
T2DM	monocyte	<i>ACTR3</i>	-0.001370791	0.035358742	0.920651248	1
T2DM	monocyte	<i>ACVR1C</i>	0.001418641	0.049454446	0.926573707	1
T2DM	monocyte	<i>ADAM33</i>	0.003477196	0.006984339	0.908558341	1
T2DM	monocyte	<i>ADAMTS12</i>	0.001184189	0.007355631	0.908558341	1
T2DM	monocyte	<i>ADAMTSL3</i>	0.001462433	0.015741096	0.908558341	1
T2DM	monocyte	<i>ADAT2</i>	0.004457081	0.022640957	0.908558341	1
T2DM	monocyte	<i>ADH1B</i>	0.001246169	0.012976562	0.908558341	1
T2DM	monocyte	<i>AFF4</i>	-0.002026871	0.026361395	0.908558341	1
T2DM	monocyte	<i>AGRN</i>	0.012556186	0.011074744	0.908558341	1
T2DM	monocyte	<i>AGTPBP1</i>	-0.002066759	0.001109142	0.908558341	1
T2DM	monocyte	<i>AH11</i>	0.000954838	0.029410899	0.908558341	1
T2DM	monocyte	<i>ALDH5A1</i>	0.005457096	0.019644376	0.908558341	1
T2DM	monocyte	<i>ALS2CR12</i>	0.009412366	0.01229161	0.908558341	1
T2DM	monocyte	<i>ANKRD44</i>	-0.000488802	0.025867419	0.908558341	1
T2DM	monocyte	<i>AOAH</i>	-0.000431591	0.046402105	0.926573707	1
T2DM	monocyte	<i>AP000350.4</i>	0.016538464	0.038045321	0.922988982	1
T2DM	monocyte	<i>ARHGAP1</i>	-0.003692699	0.005659363	0.908558341	1
T2DM	monocyte	<i>ARHGEF25</i>	-0.006974392	0.038219583	0.922988982	1
T2DM	monocyte	<i>ARPC2</i>	-0.000946096	0.036905557	0.922988982	1
T2DM	monocyte	<i>ATN1</i>	0.003976948	0.045755354	0.926573707	1
T2DM	monocyte	<i>ATP2A3</i>	-0.001842005	0.027105309	0.908558341	1
T2DM	monocyte	<i>ATP6V0D2</i>	0.011776226	0.02160488	0.908558341	1
T2DM	monocyte	<i>ATP8A1</i>	-0.001352186	0.019043775	0.908558341	1
T2DM	monocyte	<i>ATXN3</i>	0.001074423	0.048781517	0.926573707	1

T2DM	monocyte	<i>BANF1</i>	0.008033666	0.048849971	0.926573707	1
T2DM	monocyte	<i>BDH2</i>	0.003559354	0.040901047	0.922988982	1
T2DM	monocyte	<i>BECN1</i>	-0.003090164	0.032746858	0.909356194	1
T2DM	monocyte	<i>BICC1</i>	0.001115339	0.02920592	0.908558341	1
T2DM	monocyte	<i>BIVM</i>	-0.007401637	0.016997344	0.908558341	1
T2DM	monocyte	<i>BOC</i>	0.002142419	0.029013208	0.908558341	1
T2DM	monocyte	<i>BOK</i>	0.004889062	0.026882366	0.908558341	1
T2DM	monocyte	<i>BROX</i>	-0.005304076	0.009730306	0.908558341	1
T2DM	monocyte	<i>BRSK2</i>	-0.021710113	0.014074317	0.908558341	1
T2DM	monocyte	<i>BTBD16</i>	0.015213363	0.019856298	0.908558341	1
T2DM	monocyte	<i>BTBD9</i>	-0.001069584	0.031797901	0.908558341	1
T2DM	monocyte	<i>BTN3A1</i>	-0.001793448	0.041060465	0.922988982	1
T2DM	monocyte	<i>BVES</i>	-0.016693192	0.026997848	0.908558341	1
T2DM	monocyte	<i>C17orf58</i>	0.004070025	0.039127901	0.922988982	1
T2DM	monocyte	<i>C20orf196</i>	-0.002540512	0.04058331	0.922988982	1
T2DM	monocyte	<i>C21orf33</i>	0.027315917	0.03036066	0.908558341	1
T2DM	monocyte	<i>C2CD2</i>	0.002645197	0.018972239	0.908558341	1
T2DM	monocyte	<i>C6orf132</i>	0.008726265	0.015931235	0.908558341	1
T2DM	monocyte	<i>CAMK2A</i>	-0.012843924	0.040556385	0.922988982	1
T2DM	monocyte	<i>CAPZA1</i>	-0.00161754	0.006104432	0.908558341	1
T2DM	monocyte	<i>CASP8</i>	-0.001632998	0.018959508	0.908558341	1
T2DM	monocyte	<i>CAT</i>	0.002377461	0.007819807	0.908558341	1
T2DM	monocyte	<i>CCDC88C</i>	-0.001186321	0.018335515	0.908558341	1
T2DM	monocyte	<i>CCL4</i>	-0.002678442	0.005575408	0.908558341	1
T2DM	monocyte	<i>CDC42SE1</i>	-0.001880378	0.04912577	0.926573707	1
T2DM	monocyte	<i>CDON</i>	0.001858423	0.015757904	0.908558341	1
T2DM	monocyte	<i>CEACAM21</i>	-0.002954188	0.041316816	0.922988982	1
T2DM	monocyte	<i>CECR2</i>	0.003460961	0.031966361	0.908558341	1
T2DM	monocyte	<i>CEP41</i>	0.008258842	0.045867717	0.926573707	1
T2DM	monocyte	<i>CER1</i>	0.05788212	0.045575526	0.926573707	1
T2DM	monocyte	<i>CH25H</i>	-0.009564762	0.040903462	0.922988982	1
T2DM	monocyte	<i>CNDP1</i>	-0.018248104	0.028117443	0.908558341	1
T2DM	monocyte	<i>COA1</i>	-0.001238423	0.030285559	0.908558341	1
T2DM	monocyte	<i>COL6A1</i>	0.000965159	0.040847042	0.922988982	1
T2DM	monocyte	<i>COL8A1</i>	0.002554422	0.014849906	0.908558341	1
T2DM	monocyte	<i>CPSF3</i>	-0.003723725	0.044556574	0.926573707	1
T2DM	monocyte	<i>CREB3L1</i>	0.008812729	0.027763115	0.908558341	1
T2DM	monocyte	<i>CREM</i>	-0.002411934	0.000658811	0.908558341	1
T2DM	monocyte	<i>CRMP1</i>	0.004178397	0.040104477	0.922988982	1
T2DM	monocyte	<i>CSRNP3</i>	-0.00278093	0.021429578	0.908558341	1
T2DM	monocyte	<i>CTNNA3</i>	-0.000970052	0.030292992	0.908558341	1
T2DM	monocyte	<i>CUL3</i>	-0.001940848	0.019085968	0.908558341	1
T2DM	monocyte	<i>CX3CR1</i>	-0.001678778	0.034776414	0.920651248	1
T2DM	monocyte	<i>CYBA</i>	-0.001097625	0.03012054	0.908558341	1
T2DM	monocyte	<i>CYP8B1</i>	0.00488917	0.037275332	0.922988982	1
T2DM	monocyte	<i>CYTH1</i>	-0.001080716	0.006656604	0.908558341	1
T2DM	monocyte	<i>DAAMI</i>	0.001231273	0.041886399	0.922988982	1
T2DM	monocyte	<i>DDB2</i>	-0.004935374	0.007804915	0.908558341	1
T2DM	monocyte	<i>DFNA5</i>	0.008957984	0.009059391	0.908558341	1
T2DM	monocyte	<i>DGCR2</i>	-0.002816906	0.031833279	0.908558341	1
T2DM	monocyte	<i>DLG5</i>	0.003341753	0.020084062	0.908558341	1
T2DM	monocyte	<i>DNAJB14</i>	-0.002313003	0.034735385	0.920651248	1

T2DM	monocyte	<i>DNAJC6</i>	-0.005895355	0.008890844	0.908558341	1
T2DM	monocyte	<i>DOCK7</i>	0.002292892	0.031582205	0.908558341	1
T2DM	monocyte	<i>DOCK8</i>	-0.000549244	0.017540549	0.908558341	1
T2DM	monocyte	<i>DPY19L4</i>	0.004036109	0.049002545	0.926573707	1
T2DM	monocyte	<i>DTNB</i>	-0.002410772	0.035188868	0.920651248	1
T2DM	monocyte	<i>DVL3</i>	0.003159165	0.041811265	0.922988982	1
T2DM	monocyte	<i>ECHDC3</i>	0.005103562	0.01598165	0.908558341	1
T2DM	monocyte	<i>EFCAB2</i>	0.002746968	0.026670723	0.908558341	1
T2DM	monocyte	<i>EFEMP1</i>	0.001266425	0.037515964	0.922988982	1
T2DM	monocyte	<i>EGFR</i>	0.001014369	0.048856855	0.926573707	1
T2DM	monocyte	<i>ENPP6</i>	0.024425507	0.008503545	0.908558341	1
T2DM	monocyte	<i>ENSA</i>	-0.002086657	0.024136669	0.908558341	1
T2DM	monocyte	<i>EPB41</i>	-0.001058371	0.022985695	0.908558341	1
T2DM	monocyte	<i>ERI2</i>	0.00534208	0.00421206	0.908558341	1
T2DM	monocyte	<i>ERMAP</i>	0.005690365	0.024822639	0.908558341	1
T2DM	monocyte	<i>ERP27</i>	-0.006211032	0.028220477	0.908558341	1
T2DM	monocyte	<i>ERV3-1</i>	0.003708873	0.014448088	0.908558341	1
T2DM	monocyte	<i>FAM114A1</i>	0.003133509	0.009854886	0.908558341	1
T2DM	monocyte	<i>FAM118A</i>	-0.003867517	0.043190197	0.926573707	1
T2DM	monocyte	<i>FAM13A</i>	0.001236923	0.038391219	0.922988982	1
T2DM	monocyte	<i>FAM19A1</i>	-0.001749451	0.025749524	0.908558341	1
T2DM	monocyte	<i>FAM47E-STBD1</i>	0.019322545	0.003187137	0.908558341	1
T2DM	monocyte	<i>FAM71F2</i>	0.006312548	0.047530557	0.926573707	1
T2DM	monocyte	<i>FAXDC2</i>	0.002593867	0.030946995	0.908558341	1
T2DM	monocyte	<i>FBLN5</i>	0.001687035	0.029418604	0.908558341	1
T2DM	monocyte	<i>FCERIA</i>	0.003317761	0.03334014	0.918159811	1
T2DM	monocyte	<i>FCRL3</i>	-0.002454492	0.019848447	0.908558341	1
T2DM	monocyte	<i>FEZ2</i>	-0.000963986	0.040509978	0.922988982	1
T2DM	monocyte	<i>FGFBP3</i>	0.014493653	0.000502686	0.908558341	1
T2DM	monocyte	<i>FLRT2</i>	0.001026112	0.03223496	0.908558341	1
T2DM	monocyte	<i>FNBP1</i>	-0.001038306	0.014321035	0.908558341	1
T2DM	monocyte	<i>FOXP2</i>	0.00137246	0.011763343	0.908558341	1
T2DM	monocyte	<i>FSTL1</i>	0.001144797	0.015631019	0.908558341	1
T2DM	monocyte	<i>GATAD2A</i>	-0.002099467	0.022800887	0.908558341	1
T2DM	monocyte	<i>GCHI</i>	-0.002735057	0.038300872	0.922988982	1
T2DM	monocyte	<i>GFOD1</i>	-0.001715664	0.028897075	0.908558341	1
T2DM	monocyte	<i>GHR</i>	0.001160514	0.005548667	0.908558341	1
T2DM	monocyte	<i>GLRX</i>	0.001878138	0.01517823	0.908558341	1
T2DM	monocyte	<i>GNLY</i>	-0.000628003	0.038533777	0.922988982	1
T2DM	monocyte	<i>GORASP1</i>	0.01148103	0.008265361	0.908558341	1
T2DM	monocyte	<i>GPRI35</i>	0.004979744	0.042178607	0.922988982	1
T2DM	monocyte	<i>GPRI58</i>	0.0125047	0.038473725	0.922988982	1
T2DM	monocyte	<i>GPT2</i>	0.004100178	0.010746541	0.908558341	1
T2DM	monocyte	<i>GREB1L</i>	0.002338327	0.011871753	0.908558341	1
T2DM	monocyte	<i>GRIN2A</i>	-0.003170057	0.038849062	0.922988982	1
T2DM	monocyte	<i>GSK3B</i>	-0.002023923	0.015058611	0.908558341	1
T2DM	monocyte	<i>GSTM2</i>	0.004899985	0.018394718	0.908558341	1
T2DM	monocyte	<i>GXYLT2</i>	0.005385547	0.001007936	0.908558341	1
T2DM	monocyte	<i>HEATR6</i>	0.004146145	0.044723647	0.926573707	1
T2DM	monocyte	<i>HLA-A</i>	-0.000985304	0.015370869	0.908558341	1
T2DM	monocyte	<i>HLA-B</i>	-0.000744512	0.011320203	0.908558341	1
T2DM	monocyte	<i>HLA-C</i>	-0.00114644	0.007261322	0.908558341	1

T2DM	monocyte	<i>HLA-DQA2</i>	0.003939432	0.047707648	0.926573707	1
T2DM	monocyte	<i>HLA-E</i>	-0.001260023	0.017455309	0.908558341	1
T2DM	monocyte	<i>HOPX</i>	-0.010544721	0.007569675	0.908558341	1
T2DM	monocyte	<i>HOXA5</i>	0.007716608	0.032414277	0.908558341	1
T2DM	monocyte	<i>HOXA6</i>	0.006905757	0.031085523	0.908558341	1
T2DM	monocyte	<i>HRASLS5</i>	0.004430449	0.04941617	0.926573707	1
T2DM	monocyte	<i>HSPA12A</i>	0.002156347	0.035127241	0.920651248	1
T2DM	monocyte	<i>HTRA3</i>	0.002435568	0.017216595	0.908558341	1
T2DM	monocyte	<i>ICAM3</i>	-0.004923175	0.01968339	0.908558341	1
T2DM	monocyte	<i>IFNAR2</i>	-0.001392778	0.017826501	0.908558341	1
T2DM	monocyte	<i>IFT88</i>	0.001824041	0.021099755	0.908558341	1
T2DM	monocyte	<i>IKZF3</i>	-0.000887508	0.037449319	0.922988982	1
T2DM	monocyte	<i>IMPA2</i>	0.003487726	0.025349462	0.908558341	1
T2DM	monocyte	<i>ISG20</i>	-0.003701298	0.014386843	0.908558341	1
T2DM	monocyte	<i>ITGA4</i>	-0.000876592	0.023774462	0.908558341	1
T2DM	monocyte	<i>ITGB2</i>	-0.001987183	0.018402963	0.908558341	1
T2DM	monocyte	<i>KCNB2</i>	0.002267489	0.027676116	0.908558341	1
T2DM	monocyte	<i>KCND3</i>	0.006082097	0.047478582	0.926573707	1
T2DM	monocyte	<i>KCNH4</i>	0.009470602	0.010133968	0.908558341	1
T2DM	monocyte	<i>KCNIP4</i>	0.002280657	0.045202349	0.926573707	1
T2DM	monocyte	<i>KCTD16</i>	0.008077873	0.029691266	0.908558341	1
T2DM	monocyte	<i>KIAA1549L</i>	0.018169473	0.019642585	0.908558341	1
T2DM	monocyte	<i>KLHL31</i>	0.003133997	0.041931322	0.922988982	1
T2DM	monocyte	<i>LAMA4</i>	0.000880431	0.007750907	0.908558341	1
T2DM	monocyte	<i>LAPTM5</i>	-0.002590746	0.003954825	0.908558341	1
T2DM	monocyte	<i>LBH</i>	-0.002364419	0.005355458	0.908558341	1
T2DM	monocyte	<i>LCLAT1</i>	-0.003202186	0.005445625	0.908558341	1
T2DM	monocyte	<i>LDB3</i>	-0.002141912	0.049804006	0.926573707	1
T2DM	monocyte	<i>LDHA</i>	0.003583992	0.012395191	0.908558341	1
T2DM	monocyte	<i>LDHC</i>	0.024323019	0.0057219	0.908558341	1
T2DM	monocyte	<i>LIMA1</i>	0.000801177	0.034651152	0.920651248	1
T2DM	monocyte	<i>LINC00702</i>	-0.005084899	0.017768897	0.908558341	1
T2DM	monocyte	<i>LIPA</i>	-0.004508358	0.013571182	0.908558341	1
T2DM	monocyte	<i>LLGL2</i>	-0.002353896	0.049592194	0.926573707	1
T2DM	monocyte	<i>LMO3</i>	0.001888391	0.010235109	0.908558341	1
T2DM	monocyte	<i>LRCH4</i>	0.013099784	0.012520421	0.908558341	1
T2DM	monocyte	<i>LRFN5</i>	0.003257786	0.042319107	0.922988982	1
T2DM	monocyte	<i>LRP1B</i>	0.001024782	0.02356212	0.908558341	1
T2DM	monocyte	<i>LRRC2</i>	0.005442488	0.017494048	0.908558341	1
T2DM	monocyte	<i>LRRC34</i>	0.0070186	0.013964051	0.908558341	1
T2DM	monocyte	<i>MADCAM1</i>	0.005758445	0.012161169	0.908558341	1
T2DM	monocyte	<i>MAG</i>	0.049398033	0.026821043	0.908558341	1
T2DM	monocyte	<i>MAP3K5</i>	-0.001034091	0.032535389	0.908558341	1
T2DM	monocyte	<i>MB21D2</i>	0.003178415	0.040865533	0.922988982	1
T2DM	monocyte	<i>MBNL1</i>	-0.000892047	0.002236779	0.908558341	1
T2DM	monocyte	<i>ME3</i>	0.004067253	0.010322523	0.908558341	1
T2DM	monocyte	<i>MED24</i>	0.00631269	0.027014843	0.908558341	1
T2DM	monocyte	<i>MED8</i>	0.006553528	0.049088277	0.926573707	1
T2DM	monocyte	<i>MGRN1</i>	-0.002338286	0.045732041	0.926573707	1
T2DM	monocyte	<i>MGST1</i>	0.001060518	0.012481156	0.908558341	1
T2DM	monocyte	<i>MLXIPL</i>	0.001603994	0.029465108	0.908558341	1
T2DM	monocyte	<i>MOGAT1</i>	0.005525223	0.038683457	0.922988982	1

T2DM	monocyte	<i>MRAS</i>	0.003666702	0.026137088	0.908558341	1
T2DM	monocyte	<i>MRC2</i>	0.0021016	0.019748704	0.908558341	1
T2DM	monocyte	<i>MYBL1</i>	-0.00107481	0.035559664	0.920651248	1
T2DM	monocyte	<i>MYL12A</i>	-0.003575171	0.018753566	0.908558341	1
T2DM	monocyte	<i>MYO18A</i>	-0.004023055	0.035637207	0.920651248	1
T2DM	monocyte	<i>NBN</i>	-0.003307312	0.003388885	0.908558341	1
T2DM	monocyte	<i>NDE1</i>	-0.001333585	0.032347663	0.908558341	1
T2DM	monocyte	<i>NEK11</i>	0.002862573	0.020891223	0.908558341	1
T2DM	monocyte	<i>NFIA</i>	0.000637466	0.048682879	0.926573707	1
T2DM	monocyte	<i>NFIX</i>	0.002759087	0.026623253	0.908558341	1
T2DM	monocyte	<i>NLRP1</i>	-0.001167393	0.042287041	0.922988982	1
T2DM	monocyte	<i>NMNAT3</i>	0.003333838	0.023181024	0.908558341	1
T2DM	monocyte	<i>NOL9</i>	-0.004663399	0.039000427	0.922988982	1
T2DM	monocyte	<i>NPIPA1</i>	0.008721081	0.03469008	0.920651248	1
T2DM	monocyte	<i>NPNT</i>	-0.002686336	0.029823781	0.908558341	1
T2DM	monocyte	<i>NR1H3</i>	0.005275315	0.000963447	0.908558341	1
T2DM	monocyte	<i>NT5E</i>	0.003791484	0.01340571	0.908558341	1
T2DM	monocyte	<i>NUP54</i>	-0.002720352	0.043773424	0.926573707	1
T2DM	monocyte	<i>OAF</i>	0.002884032	0.014982538	0.908558341	1
T2DM	monocyte	<i>OLFML3</i>	0.004487652	0.00508238	0.908558341	1
T2DM	monocyte	<i>OSTF1</i>	-0.001636135	0.045430719	0.926573707	1
T2DM	monocyte	<i>OXGR1</i>	0.009971952	0.019728406	0.908558341	1
T2DM	monocyte	<i>PARP8</i>	-0.000708193	0.028407905	0.908558341	1
T2DM	monocyte	<i>PBX1</i>	0.000798344	0.019100097	0.908558341	1
T2DM	monocyte	<i>PCDHGA1</i>	0.022447049	0.044395299	0.926573707	1
T2DM	monocyte	<i>PCGF5</i>	-0.002468209	0.012065141	0.908558341	1
T2DM	monocyte	<i>PCLO</i>	0.002762101	0.034565949	0.920651248	1
T2DM	monocyte	<i>PCOLCE2</i>	0.001312156	0.009932809	0.908558341	1
T2DM	monocyte	<i>PCSK2</i>	0.015412538	0.006809984	0.908558341	1
T2DM	monocyte	<i>PCSK7</i>	-0.001797749	0.009834704	0.908558341	1
T2DM	monocyte	<i>PDCD1LG2</i>	0.006222326	0.027017421	0.908558341	1
T2DM	monocyte	<i>PDIA2</i>	0.03355669	0.028783338	0.908558341	1
T2DM	monocyte	<i>PDLIM4</i>	0.009355194	0.041292672	0.922988982	1
T2DM	monocyte	<i>PHACTR1</i>	-0.002093798	0.017878615	0.908558341	1
T2DM	monocyte	<i>PHIP</i>	-0.001629545	0.017958512	0.908558341	1
T2DM	monocyte	<i>PHLDB1</i>	0.001719441	0.015582281	0.908558341	1
T2DM	monocyte	<i>PII6</i>	0.001419269	0.034113958	0.920651248	1
T2DM	monocyte	<i>PICALM</i>	-0.000779166	0.013922516	0.908558341	1
T2DM	monocyte	<i>PIKFYVE</i>	-0.002035263	0.040698497	0.922988982	1
T2DM	monocyte	<i>PIP4K2A</i>	-0.000679788	0.047322725	0.926573707	1
T2DM	monocyte	<i>PKN1</i>	-0.003409167	0.003843515	0.908558341	1
T2DM	monocyte	<i>PMEL</i>	0.008782286	0.018607452	0.908558341	1
T2DM	monocyte	<i>PPIL2</i>	-0.00227508	0.035710096	0.920651248	1
T2DM	monocyte	<i>PROZ</i>	0.017930035	0.029682004	0.908558341	1
T2DM	monocyte	<i>PSMB9</i>	-0.001899251	0.030994117	0.908558341	1
T2DM	monocyte	<i>PSORS1C1</i>	0.010192205	0.012089188	0.908558341	1
T2DM	monocyte	<i>PSORS1C2</i>	0.004971868	0.021347145	0.908558341	1
T2DM	monocyte	<i>PSPH</i>	0.006320574	0.001335117	0.908558341	1
T2DM	monocyte	<i>PTGDR</i>	-0.002517019	0.008955321	0.908558341	1
T2DM	monocyte	<i>PTGER3</i>	0.001003991	0.023454401	0.908558341	1
T2DM	monocyte	<i>PTPRS</i>	0.001609462	0.011390389	0.908558341	1
T2DM	monocyte	<i>RABGAP1L</i>	-0.000837059	0.003097221	0.908558341	1

T2DM	monocyte	<i>RADIL</i>	0.002753433	0.012638735	0.908558341	1
T2DM	monocyte	<i>RAMP2-AS1</i>	0.005378495	0.023129563	0.908558341	1
T2DM	monocyte	<i>RAP1A</i>	-0.001249862	0.039141283	0.922988982	1
T2DM	monocyte	<i>RBCK1</i>	-0.003868873	0.049768862	0.926573707	1
T2DM	monocyte	<i>RCSD1</i>	-0.001015646	0.013825899	0.908558341	1
T2DM	monocyte	<i>RFX8</i>	0.008777273	0.025322015	0.908558341	1
T2DM	monocyte	<i>RICTOR</i>	-0.000855737	0.031141673	0.908558341	1
T2DM	monocyte	<i>RNF166</i>	-0.003476007	0.043670926	0.926573707	1
T2DM	monocyte	<i>RNF213</i>	-0.001111102	0.012948265	0.908558341	1
T2DM	monocyte	<i>RTN2</i>	-0.012110447	0.005391351	0.908558341	1
T2DM	monocyte	<i>SI00B</i>	0.004473836	0.020106463	0.908558341	1
T2DM	monocyte	<i>SCAMP1</i>	0.001796081	0.028560662	0.908558341	1
T2DM	monocyte	<i>SCRN2</i>	0.004345147	0.048145727	0.926573707	1
T2DM	monocyte	<i>SELENBP1</i>	0.00411778	0.020315246	0.908558341	1
T2DM	monocyte	<i>SERPINI1</i>	-0.004734106	0.008181273	0.908558341	1
T2DM	monocyte	<i>SH2B1</i>	0.002531305	0.041652401	0.922988982	1
T2DM	monocyte	<i>SH3D19</i>	0.000768039	0.034681216	0.920651248	1
T2DM	monocyte	<i>SLC22A5</i>	0.004913767	0.039555937	0.922988982	1
T2DM	monocyte	<i>SLC26A10</i>	-0.010769054	0.042736296	0.926573707	1
T2DM	monocyte	<i>SLC27A6</i>	0.009627168	0.032286139	0.908558341	1
T2DM	monocyte	<i>SLC41A2</i>	0.003049113	0.01733354	0.908558341	1
T2DM	monocyte	<i>SLC44A2</i>	-0.00209322	0.03166193	0.908558341	1
T2DM	monocyte	<i>SLC9A3</i>	0.030981558	0.049314782	0.926573707	1
T2DM	monocyte	<i>SP100</i>	-0.0018211	6.06E-05	0.362430086	0.362430086
T2DM	monocyte	<i>SP110</i>	-0.00185226	0.008246928	0.908558341	1
T2DM	monocyte	<i>SP7</i>	0.057089878	0.008197816	0.908558341	1
T2DM	monocyte	<i>SPATA7</i>	0.003491471	0.01619642	0.908558341	1
T2DM	monocyte	<i>SPPL3</i>	-0.001776638	0.048493737	0.926573707	1
T2DM	monocyte	<i>SPTBN1</i>	0.000651741	0.032868296	0.909356194	1
T2DM	monocyte	<i>SPTLC1</i>	0.004410067	0.022586597	0.908558341	1
T2DM	monocyte	<i>SRGAP1</i>	0.002169692	0.002582666	0.908558341	1
T2DM	monocyte	<i>SRGAP3</i>	0.002518601	0.049600554	0.926573707	1
T2DM	monocyte	<i>ST3GAL6</i>	0.003380242	0.002727988	0.908558341	1
T2DM	monocyte	<i>STAT4</i>	-0.000898041	0.02439282	0.908558341	1
T2DM	monocyte	<i>STK17A</i>	-0.001231109	0.029929268	0.908558341	1
T2DM	monocyte	<i>STK17B</i>	-0.000841734	0.046569774	0.926573707	1
T2DM	monocyte	<i>STYXL1</i>	0.005250601	0.020638116	0.908558341	1
T2DM	monocyte	<i>SULT1A1</i>	0.006290612	0.04847137	0.926573707	1
T2DM	monocyte	<i>SYT7</i>	0.016504467	0.006482928	0.908558341	1
T2DM	monocyte	<i>TBC1D10C</i>	-0.002888468	0.031639618	0.908558341	1
T2DM	monocyte	<i>TCF3</i>	-0.004327816	0.038861188	0.922988982	1
T2DM	monocyte	<i>TDP2</i>	-0.004381189	0.030504302	0.908558341	1
T2DM	monocyte	<i>TIPIN</i>	0.00792342	0.001148106	0.908558341	1
T2DM	monocyte	<i>TLN2</i>	0.001404413	0.005029179	0.908558341	1
T2DM	monocyte	<i>TMC6</i>	-0.003206618	0.021827847	0.908558341	1
T2DM	monocyte	<i>TMEM2</i>	-0.001896712	0.01163188	0.908558341	1
T2DM	monocyte	<i>TMEM206</i>	-0.004767964	0.00548659	0.908558341	1
T2DM	monocyte	<i>TMEM74B</i>	0.00764443	0.024265872	0.908558341	1
T2DM	monocyte	<i>TNNT3</i>	0.013539412	0.015873186	0.908558341	1
T2DM	monocyte	<i>TNPO2</i>	0.002501768	0.021625029	0.908558341	1
T2DM	monocyte	<i>TPD52</i>	-0.001064725	0.039680725	0.922988982	1
T2DM	monocyte	<i>TRIP6</i>	0.004890335	0.019074422	0.908558341	1

T2DM	monocyte	<i>TSC22D1</i>	-0.001685996	0.008867263	0.908558341	1
T2DM	monocyte	<i>TSHZ2</i>	0.000574109	0.010989962	0.908558341	1
T2DM	monocyte	<i>TSPAN4</i>	0.003424074	0.020722104	0.908558341	1
T2DM	monocyte	<i>TUSC5</i>	0.003975953	0.030892468	0.908558341	1
T2DM	monocyte	<i>UBA52</i>	-0.001478501	0.040121658	0.922988982	1
T2DM	monocyte	<i>UBR2</i>	-0.000809793	0.041976837	0.922988982	1
T2DM	monocyte	<i>UCHL1</i>	0.008764057	0.04303703	0.926573707	1
T2DM	monocyte	<i>USP53</i>	0.001180007	0.047407257	0.926573707	1
T2DM	monocyte	<i>UTP15</i>	0.00927145	0.043355405	0.926573707	1
T2DM	monocyte	<i>VSIG10</i>	0.004113583	0.024186197	0.908558341	1
T2DM	monocyte	<i>WASF3</i>	0.00216967	0.044680521	0.926573707	1
T2DM	monocyte	<i>WDR86</i>	0.005922898	0.018952276	0.908558341	1
T2DM	monocyte	<i>WDR93</i>	0.00362608	0.030162965	0.908558341	1
T2DM	monocyte	<i>XRCC5</i>	-0.001926791	0.039965493	0.922988982	1
T2DM	monocyte	<i>YTHDF3-AS1</i>	-0.023684207	0.013436375	0.908558341	1
T2DM	monocyte	<i>ZCCHC24</i>	0.002551518	0.026758856	0.908558341	1
T2DM	monocyte	<i>ZFHX4</i>	0.002272744	0.005974997	0.908558341	1
T2DM	monocyte	<i>ZNF107</i>	-0.003142342	0.035741481	0.920651248	1
T2DM	monocyte	<i>ZNF117</i>	0.003206688	0.013146697	0.908558341	1
T2DM	monocyte	<i>ZNF14</i>	0.006398259	0.001629801	0.908558341	1
T2DM	monocyte	<i>ZNF197</i>	0.004249639	0.029733504	0.908558341	1
T2DM	monocyte	<i>ZNF229</i>	0.053847421	0.001840042	0.908558341	1
T2DM	monocyte	<i>ZNF33A</i>	-0.002282973	0.044844523	0.926573707	1
T2DM	monocyte	<i>ZNF483</i>	0.004782861	0.044214382	0.926573707	1
T2DM	monocyte	<i>ZNF500</i>	0.006143367	0.030982086	0.908558341	1
T2DM	monocyte	<i>ZNF558</i>	0.006223093	0.040621256	0.922988982	1
T2DM	monocyte	<i>AC073133.1</i>	0.029001232	0.0036585	0.908558341	1
T2DM	monocyte	<i>IRX5</i>	0.015691229	0.046683428	0.926573707	1
T2DM	monocyte	<i>OR51E2</i>	-0.017966903	0.028255972	0.908558341	1
T2DM	neutrophil	<i>ABCA8</i>	0.000939593	0.0189058	0.951971902	1
T2DM	neutrophil	<i>ABCB1</i>	-0.003482595	0.02882137	0.951971902	1
T2DM	neutrophil	<i>AC009495.3</i>	-0.009955424	0.039755112	0.99757386	1
T2DM	neutrophil	<i>AC067945.3</i>	-0.006858365	0.012582799	0.951971902	1
T2DM	neutrophil	<i>ACBD4</i>	-0.00451466	0.025036048	0.951971902	1
T2DM	neutrophil	<i>ACTN4</i>	-0.001594622	0.033798192	0.9757391	1
T2DM	neutrophil	<i>ACTR3</i>	-0.0013132	0.043827617	0.99757386	1
T2DM	neutrophil	<i>ADAM33</i>	0.003419262	0.007815533	0.951971902	1
T2DM	neutrophil	<i>ADAMTSL3</i>	0.001611139	0.007755607	0.951971902	1
T2DM	neutrophil	<i>ADARB2</i>	-0.007301979	0.045709752	0.99757386	1
T2DM	neutrophil	<i>ADH1B</i>	0.00113829	0.023204506	0.951971902	1
T2DM	neutrophil	<i>ADH4</i>	0.009073887	0.041858906	0.99757386	1
T2DM	neutrophil	<i>AGTPBP1</i>	-0.001706836	0.007050243	0.951971902	1
T2DM	neutrophil	<i>ALDH7A1</i>	0.004019326	0.025161816	0.951971902	1
T2DM	neutrophil	<i>ANGPT4</i>	-0.005263693	0.015978277	0.951971902	1
T2DM	neutrophil	<i>ANGPTL5</i>	0.008606958	0.047229238	0.99757386	1
T2DM	neutrophil	<i>ANKRD26</i>	0.003392503	0.01716709	0.951971902	1
T2DM	neutrophil	<i>APBB1IP</i>	-0.000601118	0.017916786	0.951971902	1
T2DM	neutrophil	<i>APOBEC3D</i>	-0.01127612	0.03796144	0.99757386	1
T2DM	neutrophil	<i>APOL5</i>	-0.031045021	0.027016672	0.951971902	1
T2DM	neutrophil	<i>AQP3</i>	-0.00724676	0.031143382	0.951971902	1
T2DM	neutrophil	<i>ARHGAP1</i>	-0.002877654	0.031836333	0.951971902	1
T2DM	neutrophil	<i>ARHGAP9</i>	-0.002622984	0.046476292	0.99757386	1

T2DM	neutrophil	<i>ARHGDIB</i>	-0.001697494	0.033078585	0.967284467	1
T2DM	neutrophil	<i>ARHGEF25</i>	-0.007022551	0.036373085	0.989537493	1
T2DM	neutrophil	<i>ARMC9</i>	0.005186981	0.028795101	0.951971902	1
T2DM	neutrophil	<i>ARPC2</i>	-0.000960767	0.034170505	0.981744892	1
T2DM	neutrophil	<i>ASAP3</i>	0.005049996	0.025729317	0.951971902	1
T2DM	neutrophil	<i>ATP10D</i>	-0.003163078	0.002206862	0.951971902	1
T2DM	neutrophil	<i>ATP1B2</i>	-0.019257537	0.008812799	0.951971902	1
T2DM	neutrophil	<i>ATP8A1</i>	-0.001412975	0.014200398	0.951971902	1
T2DM	neutrophil	<i>AUTS2</i>	0.000602376	0.025440867	0.951971902	1
T2DM	neutrophil	<i>BCL2L1</i>	-0.002334436	0.012822689	0.951971902	1
T2DM	neutrophil	<i>BICC1</i>	0.001135104	0.026396902	0.951971902	1
T2DM	neutrophil	<i>BOC</i>	0.002504199	0.010693683	0.951971902	1
T2DM	neutrophil	<i>BROX</i>	-0.005961689	0.004083077	0.951971902	1
T2DM	neutrophil	<i>BTBD9</i>	-0.001235765	0.012976017	0.951971902	1
T2DM	neutrophil	<i>BTC</i>	-0.008820001	0.029784382	0.951971902	1
T2DM	neutrophil	<i>BTN3A1</i>	-0.002478988	0.004625233	0.951971902	1
T2DM	neutrophil	<i>C14orf132</i>	0.005582041	0.049121408	0.99757386	1
T2DM	neutrophil	<i>C17orf80</i>	-0.005908889	0.015594541	0.951971902	1
T2DM	neutrophil	<i>C22orf34</i>	-0.001887287	0.031689972	0.951971902	1
T2DM	neutrophil	<i>C2CD2</i>	0.002433445	0.030601851	0.951971902	1
T2DM	neutrophil	<i>CARNS1</i>	-0.014134152	0.03052368	0.951971902	1
T2DM	neutrophil	<i>CASP1</i>	-0.003378201	0.045698833	0.99757386	1
T2DM	neutrophil	<i>CCDC146</i>	0.00159872	0.042215439	0.99757386	1
T2DM	neutrophil	<i>CCDC88C</i>	-0.001102281	0.028274974	0.951971902	1
T2DM	neutrophil	<i>CCL4</i>	-0.002429633	0.011868031	0.951971902	1
T2DM	neutrophil	<i>CD302</i>	0.004378267	0.034933465	0.988900562	1
T2DM	neutrophil	<i>CD38</i>	-0.002762055	0.048267424	0.99757386	1
T2DM	neutrophil	<i>CD52</i>	-0.002548112	0.026660494	0.951971902	1
T2DM	neutrophil	<i>CDON</i>	0.002069535	0.007214688	0.951971902	1
T2DM	neutrophil	<i>CEACAM21</i>	-0.00329752	0.02271201	0.951971902	1
T2DM	neutrophil	<i>CFH</i>	0.001352686	0.027425795	0.951971902	1
T2DM	neutrophil	<i>CLEC18A</i>	-0.039884397	0.038728108	0.99757386	1
T2DM	neutrophil	<i>CNDP1</i>	-0.016835564	0.042812885	0.99757386	1
T2DM	neutrophil	<i>COG4</i>	-0.0037466	0.006548758	0.951971902	1
T2DM	neutrophil	<i>COL12A1</i>	0.001557307	0.038479049	0.99757386	1
T2DM	neutrophil	<i>COPE</i>	-0.003159855	0.041488417	0.99757386	1
T2DM	neutrophil	<i>CSDC2</i>	-0.01393162	0.008799776	0.951971902	1
T2DM	neutrophil	<i>CTNNA3</i>	-0.001068377	0.017082522	0.951971902	1
T2DM	neutrophil	<i>CUL3</i>	-0.001864454	0.023929938	0.951971902	1
T2DM	neutrophil	<i>CYBA</i>	-0.001239322	0.014318985	0.951971902	1
T2DM	neutrophil	<i>CYTH1</i>	-0.000975535	0.014179173	0.951971902	1
T2DM	neutrophil	<i>DCBLD2</i>	0.00257237	0.020887963	0.951971902	1
T2DM	neutrophil	<i>DHFR</i>	-0.004382289	0.043821467	0.99757386	1
T2DM	neutrophil	<i>DIAPH1</i>	-0.001343517	0.032961972	0.967284467	1
T2DM	neutrophil	<i>DIRC3</i>	0.001090523	0.031821884	0.951971902	1
T2DM	neutrophil	<i>DISP2</i>	-0.017304638	0.031730298	0.951971902	1
T2DM	neutrophil	<i>DNAJB14</i>	-0.002400782	0.028186324	0.951971902	1
T2DM	neutrophil	<i>DNAJC6</i>	-0.006284588	0.005216632	0.951971902	1
T2DM	neutrophil	<i>DOCK3</i>	-0.005291265	0.027435764	0.951971902	1
T2DM	neutrophil	<i>DOCK7</i>	0.002961567	0.005879357	0.951971902	1
T2DM	neutrophil	<i>DOCK8</i>	-0.000500547	0.03040885	0.951971902	1
T2DM	neutrophil	<i>DPY19L4</i>	0.004619794	0.023904137	0.951971902	1

T2DM	neutrophil	<i>EBLN2</i>	-0.007167751	0.01176442	0.951971902	1
T2DM	neutrophil	<i>EFCAB2</i>	0.003206633	0.00966124	0.951971902	1
T2DM	neutrophil	<i>EFEMP1</i>	0.001329138	0.029057506	0.951971902	1
T2DM	neutrophil	<i>EGFR</i>	0.001167657	0.023415352	0.951971902	1
T2DM	neutrophil	<i>EPB41</i>	-0.000945094	0.04203155	0.99757386	1
T2DM	neutrophil	<i>EPDR1</i>	0.003884996	0.009221162	0.951971902	1
T2DM	neutrophil	<i>EPS8L1</i>	-0.031267923	0.023858167	0.951971902	1
T2DM	neutrophil	<i>ERI2</i>	0.003755228	0.044195596	0.99757386	1
T2DM	neutrophil	<i>ERV3-1</i>	0.003587246	0.018189991	0.951971902	1
T2DM	neutrophil	<i>FAM111A</i>	-0.002696288	0.0037505	0.951971902	1
T2DM	neutrophil	<i>FAM114A1</i>	0.003489109	0.00408333	0.951971902	1
T2DM	neutrophil	<i>FAP</i>	0.004535174	0.049990535	0.99757386	1
T2DM	neutrophil	<i>FCRL3</i>	-0.002400775	0.02247328	0.951971902	1
T2DM	neutrophil	<i>FGFBP3</i>	0.010812526	0.008750075	0.951971902	1
T2DM	neutrophil	<i>FGFR1</i>	0.001477707	0.016692703	0.951971902	1
T2DM	neutrophil	<i>FHOD3</i>	0.002917077	0.016258787	0.951971902	1
T2DM	neutrophil	<i>FKBP9</i>	0.004059096	0.035577915	0.988900562	1
T2DM	neutrophil	<i>FLRT2</i>	0.001200876	0.012096911	0.951971902	1
T2DM	neutrophil	<i>FOXP2</i>	0.001246133	0.022042672	0.951971902	1
T2DM	neutrophil	<i>FOXS1</i>	-0.032017043	0.002220966	0.951971902	1
T2DM	neutrophil	<i>FRS3</i>	-0.006528849	0.02124845	0.951971902	1
T2DM	neutrophil	<i>FRZB</i>	-0.008278672	0.012581992	0.951971902	1
T2DM	neutrophil	<i>FSTL1</i>	0.001098312	0.020265905	0.951971902	1
T2DM	neutrophil	<i>GABPB2</i>	-0.002825539	0.003955264	0.951971902	1
T2DM	neutrophil	<i>GAK</i>	-0.003026295	0.023375125	0.951971902	1
T2DM	neutrophil	<i>GBP5</i>	-0.003002433	0.025892878	0.951971902	1
T2DM	neutrophil	<i>GCC2</i>	-0.001269169	0.031859836	0.951971902	1
T2DM	neutrophil	<i>GCFC2</i>	0.00171634	0.006510316	0.951971902	1
T2DM	neutrophil	<i>GCH1</i>	-0.002606484	0.048406396	0.99757386	1
T2DM	neutrophil	<i>GFOD1</i>	-0.001581608	0.044005475	0.99757386	1
T2DM	neutrophil	<i>GHR</i>	0.000845076	0.04335526	0.99757386	1
T2DM	neutrophil	<i>GID8</i>	-0.003205644	0.020725489	0.951971902	1
T2DM	neutrophil	<i>GLRX</i>	0.001906537	0.013648469	0.951971902	1
T2DM	neutrophil	<i>GM2A</i>	-0.004550351	0.000686845	0.951971902	1
T2DM	neutrophil	<i>GMEB2</i>	-0.005992486	0.036076283	0.988953524	1
T2DM	neutrophil	<i>GNLY</i>	-0.000618046	0.041811778	0.99757386	1
T2DM	neutrophil	<i>GNPDA1</i>	-0.003153401	0.018055077	0.951971902	1
T2DM	neutrophil	<i>GREB1L</i>	0.002014285	0.030299014	0.951971902	1
T2DM	neutrophil	<i>GRIN2A</i>	-0.003794402	0.013423278	0.951971902	1
T2DM	neutrophil	<i>GSTCD</i>	-0.003171399	0.018911209	0.951971902	1
T2DM	neutrophil	<i>HEATR4</i>	0.004899089	0.043014466	0.99757386	1
T2DM	neutrophil	<i>HLA-A</i>	-0.000806277	0.047133915	0.99757386	1
T2DM	neutrophil	<i>HLA-B</i>	-0.000676948	0.021073664	0.951971902	1
T2DM	neutrophil	<i>HLA-C</i>	-0.001139816	0.00753238	0.951971902	1
T2DM	neutrophil	<i>HLA-E</i>	-0.001151974	0.029739697	0.951971902	1
T2DM	neutrophil	<i>HPR</i>	0.014471891	0.030215142	0.951971902	1
T2DM	neutrophil	<i>HRC</i>	-0.011381937	0.007378236	0.951971902	1
T2DM	neutrophil	<i>HSPA12A</i>	0.003301735	0.001280125	0.951971902	1
T2DM	neutrophil	<i>ICAM3</i>	-0.00511617	0.015236414	0.951971902	1
T2DM	neutrophil	<i>IFNAR2</i>	-0.001380941	0.018781023	0.951971902	1
T2DM	neutrophil	<i>IGSF11</i>	-0.014295135	0.018473098	0.951971902	1
T2DM	neutrophil	<i>IK</i>	-0.002640932	0.043551743	0.99757386	1

T2DM	neutrophil	<i>IL27RA</i>	-0.00312494	0.044679347	0.99757386	1
T2DM	neutrophil	<i>INPP4A</i>	-0.001247309	0.01954181	0.951971902	1
T2DM	neutrophil	<i>ITGA11</i>	0.001726792	0.025498838	0.951971902	1
T2DM	neutrophil	<i>ITGA4</i>	-0.000783728	0.042933292	0.99757386	1
T2DM	neutrophil	<i>ITGB2</i>	-0.00186285	0.027085169	0.951971902	1
T2DM	neutrophil	<i>JKAMP</i>	0.003067856	0.024662933	0.951971902	1
T2DM	neutrophil	<i>KBTBD12</i>	-0.006983721	0.017735802	0.951971902	1
T2DM	neutrophil	<i>KCNB2</i>	0.002028405	0.049100897	0.99757386	1
T2DM	neutrophil	<i>KCTD8</i>	0.002531633	0.045596465	0.99757386	1
T2DM	neutrophil	<i>KLHL30</i>	-0.022973888	0.014055976	0.951971902	1
T2DM	neutrophil	<i>KXD1</i>	-0.005035777	0.001072717	0.951971902	1
T2DM	neutrophil	<i>LAMA4</i>	0.000850637	0.010080585	0.951971902	1
T2DM	neutrophil	<i>LBH</i>	-0.002214735	0.009011829	0.951971902	1
T2DM	neutrophil	<i>LCLAT1</i>	-0.002699889	0.019321349	0.951971902	1
T2DM	neutrophil	<i>LCP2</i>	-0.000957477	0.046512193	0.99757386	1
T2DM	neutrophil	<i>LDB3</i>	-0.00227832	0.037019176	0.992047522	1
T2DM	neutrophil	<i>LILRA2</i>	-0.008539515	0.013892736	0.951971902	1
T2DM	neutrophil	<i>LINC00702</i>	-0.004371421	0.041643904	0.99757386	1
T2DM	neutrophil	<i>LINC00944</i>	-0.00607139	0.043846754	0.99757386	1
T2DM	neutrophil	<i>LINC01140</i>	-0.013116087	0.006771922	0.951971902	1
T2DM	neutrophil	<i>LLGL2</i>	-0.002705915	0.023974433	0.951971902	1
T2DM	neutrophil	<i>LMO3</i>	0.00184107	0.01229548	0.951971902	1
T2DM	neutrophil	<i>LMX1A</i>	0.004284722	0.028401344	0.951971902	1
T2DM	neutrophil	<i>LRBA</i>	-0.00074255	0.010944283	0.951971902	1
T2DM	neutrophil	<i>LRFN5</i>	0.003621177	0.024136101	0.951971902	1
T2DM	neutrophil	<i>LRRC59</i>	-0.004325354	0.037840407	0.99757386	1
T2DM	neutrophil	<i>LSAMP</i>	0.003538459	0.016421955	0.951971902	1
T2DM	neutrophil	<i>LY75</i>	-0.009979126	0.041730812	0.99757386	1
T2DM	neutrophil	<i>MAP3K5</i>	-0.00108226	0.025201484	0.951971902	1
T2DM	neutrophil	<i>MAPK8</i>	0.001559501	0.040049384	0.99757386	1
T2DM	neutrophil	<i>MBLAC1</i>	-0.019696513	0.026324215	0.951971902	1
T2DM	neutrophil	<i>ME3</i>	0.003150363	0.046585905	0.99757386	1
T2DM	neutrophil	<i>MEST</i>	0.002044278	0.032151372	0.955903482	1
T2DM	neutrophil	<i>MFSD5</i>	-0.008565905	0.013098064	0.951971902	1
T2DM	neutrophil	<i>MGEA5</i>	-0.001269931	0.035904836	0.988953524	1
T2DM	neutrophil	<i>MITD1</i>	-0.001664953	0.045862763	0.99757386	1
T2DM	neutrophil	<i>MRAS</i>	0.00377268	0.022084695	0.951971902	1
T2DM	neutrophil	<i>MYBL1</i>	-0.001018859	0.046155825	0.99757386	1
T2DM	neutrophil	<i>MYL12A</i>	-0.003387899	0.025874976	0.951971902	1
T2DM	neutrophil	<i>MYL9</i>	-0.001405621	0.047962797	0.99757386	1
T2DM	neutrophil	<i>MYO15A</i>	-0.006670949	0.019068779	0.951971902	1
T2DM	neutrophil	<i>MYO18A</i>	-0.003809923	0.046860304	0.99757386	1
T2DM	neutrophil	<i>MYOM2</i>	-0.01355807	0.015136223	0.951971902	1
T2DM	neutrophil	<i>NDUFAF4</i>	0.003042026	0.047948151	0.99757386	1
T2DM	neutrophil	<i>NEURL1B</i>	-0.002042354	0.031469705	0.951971902	1
T2DM	neutrophil	<i>NFIA</i>	0.000699445	0.030444074	0.951971902	1
T2DM	neutrophil	<i>NFYA</i>	-0.003212078	0.012138209	0.951971902	1
T2DM	neutrophil	<i>NHLRC2</i>	0.003328155	0.0042355	0.951971902	1
T2DM	neutrophil	<i>NLRP1</i>	-0.00131881	0.021698839	0.951971902	1
T2DM	neutrophil	<i>NOC2L</i>	0.004201994	0.044439742	0.99757386	1
T2DM	neutrophil	<i>NPC1</i>	-0.002367468	0.024949783	0.951971902	1
T2DM	neutrophil	<i>NPNT</i>	-0.002604668	0.035286713	0.988900562	1

T2DM	neutrophil	<i>NPR2</i>	0.017898454	0.002004873	0.951971902	1
T2DM	neutrophil	<i>OAF</i>	0.002745691	0.0207034	0.951971902	1
T2DM	neutrophil	<i>OSGEP</i>	-0.003606559	0.014951465	0.951971902	1
T2DM	neutrophil	<i>PARP15</i>	-0.001594046	0.029668405	0.951971902	1
T2DM	neutrophil	<i>PARP8</i>	-0.000740999	0.02158833	0.951971902	1
T2DM	neutrophil	<i>PATL2</i>	-0.002696751	0.027814114	0.951971902	1
T2DM	neutrophil	<i>PCGF5</i>	-0.002400962	0.014531082	0.951971902	1
T2DM	neutrophil	<i>PCOLCE2</i>	0.001288393	0.011430837	0.951971902	1
T2DM	neutrophil	<i>PCSK7</i>	-0.00179546	0.009914241	0.951971902	1
T2DM	neutrophil	<i>PDE4C</i>	-0.005351299	0.014248895	0.951971902	1
T2DM	neutrophil	<i>PEMT</i>	-0.005890667	0.04973666	0.99757386	1
T2DM	neutrophil	<i>PHACTR1</i>	-0.001749956	0.047785644	0.99757386	1
T2DM	neutrophil	<i>PHLDB1</i>	0.001594566	0.024761223	0.951971902	1
T2DM	neutrophil	<i>PIGZ</i>	0.003195181	0.049899686	0.99757386	1
T2DM	neutrophil	<i>PILRA</i>	-0.001315628	0.045507709	0.99757386	1
T2DM	neutrophil	<i>PILRB</i>	-0.004509458	0.002393064	0.951971902	1
T2DM	neutrophil	<i>PLA2G2D</i>	-0.030850143	0.014015485	0.951971902	1
T2DM	neutrophil	<i>PLCH2</i>	-0.010107073	0.036594342	0.989537493	1
T2DM	neutrophil	<i>PLEKHA6</i>	0.005783537	0.012912804	0.951971902	1
T2DM	neutrophil	<i>PMS1</i>	-0.001555989	0.026714206	0.951971902	1
T2DM	neutrophil	<i>POLE</i>	-0.003848012	0.023267208	0.951971902	1
T2DM	neutrophil	<i>POLR2B</i>	-0.002977532	0.019215088	0.951971902	1
T2DM	neutrophil	<i>PPFIA3</i>	-0.012971575	0.028207862	0.951971902	1
T2DM	neutrophil	<i>PPP1CB</i>	-0.00167323	0.04911765	0.99757386	1
T2DM	neutrophil	<i>PRKD2</i>	-0.002218283	0.015159703	0.951971902	1
T2DM	neutrophil	<i>PRSS27</i>	0.058499963	0.021997633	0.951971902	1
T2DM	neutrophil	<i>PSD4</i>	-0.003096717	0.043709502	0.99757386	1
T2DM	neutrophil	<i>PSTPIP1</i>	-0.002971107	0.032360435	0.957356225	1
T2DM	neutrophil	<i>PTGDR</i>	-0.002236569	0.020256041	0.951971902	1
T2DM	neutrophil	<i>PTGER3</i>	0.00116674	0.008452828	0.951971902	1
T2DM	neutrophil	<i>PTH2R</i>	0.004483072	0.010044681	0.951971902	1
T2DM	neutrophil	<i>PTPRS</i>	0.001439455	0.023697937	0.951971902	1
T2DM	neutrophil	<i>PUS10</i>	-0.004057688	0.009158785	0.951971902	1
T2DM	neutrophil	<i>PYCR2</i>	-0.00660789	0.029552986	0.951971902	1
T2DM	neutrophil	<i>RABGAP1L</i>	-0.000650859	0.021278528	0.951971902	1
T2DM	neutrophil	<i>RAP1A</i>	-0.001362714	0.024398331	0.951971902	1
T2DM	neutrophil	<i>RCSD1</i>	-0.00082262	0.045833315	0.99757386	1
T2DM	neutrophil	<i>RGS7BP</i>	-0.009759894	0.007632744	0.951971902	1
T2DM	neutrophil	<i>RHBDF2</i>	-0.001852602	0.025352729	0.951971902	1
T2DM	neutrophil	<i>RHOBTB3</i>	0.001146205	0.019790727	0.951971902	1
T2DM	neutrophil	<i>RNF213</i>	-0.000911043	0.041293214	0.99757386	1
T2DM	neutrophil	<i>RPL12</i>	-0.002108522	0.039078511	0.99757386	1
T2DM	neutrophil	<i>RPS2</i>	-0.003500711	0.035572564	0.988900562	1
T2DM	neutrophil	<i>RRN3</i>	0.006141771	0.027251494	0.951971902	1
T2DM	neutrophil	<i>SI00A10</i>	0.001390225	0.011085471	0.951971902	1
T2DM	neutrophil	<i>SASS6</i>	0.006676435	0.006252507	0.951971902	1
T2DM	neutrophil	<i>SDCCAG8</i>	0.00096846	0.030184438	0.951971902	1
T2DM	neutrophil	<i>SEMA4D</i>	-0.001031116	0.045997157	0.99757386	1
T2DM	neutrophil	<i>SERGEF</i>	-0.002346883	0.014639825	0.951971902	1
T2DM	neutrophil	<i>SERPINI1</i>	-0.004179828	0.019260281	0.951971902	1
T2DM	neutrophil	<i>SH3D19</i>	0.000812253	0.025450582	0.951971902	1
T2DM	neutrophil	<i>SIRPB2</i>	-0.002880639	0.02870623	0.951971902	1

T2DM	neutrophil	<i>SLC19A3</i>	0.001187301	0.047394107	0.99757386	1
T2DM	neutrophil	<i>SLC26A10</i>	-0.013858216	0.009158498	0.951971902	1
T2DM	neutrophil	<i>SLC41A2</i>	0.003757146	0.003366746	0.951971902	1
T2DM	neutrophil	<i>SLC6A16</i>	-0.00377549	0.020408479	0.951971902	1
T2DM	neutrophil	<i>SLFN12L</i>	-0.000765993	0.048340929	0.99757386	1
T2DM	neutrophil	<i>SMCHD1</i>	-0.000463761	0.025477362	0.951971902	1
T2DM	neutrophil	<i>SOAT2</i>	0.01718252	0.029049723	0.951971902	1
T2DM	neutrophil	<i>SP110</i>	-0.002048713	0.003462969	0.951971902	1
T2DM	neutrophil	<i>SPATA22</i>	0.003217758	0.008313055	0.951971902	1
T2DM	neutrophil	<i>SPTBN1</i>	0.000618377	0.042760918	0.99757386	1
T2DM	neutrophil	<i>SRGAP1</i>	0.002261648	0.001670732	0.951971902	1
T2DM	neutrophil	<i>SRL</i>	-0.009147691	0.017021238	0.951971902	1
T2DM	neutrophil	<i>SRPK2</i>	-0.000634459	0.013946965	0.951971902	1
T2DM	neutrophil	<i>SSC5D</i>	0.005518309	0.019811882	0.951971902	1
T2DM	neutrophil	<i>ST3GAL6</i>	0.003447064	0.002251744	0.951971902	1
T2DM	neutrophil	<i>STK17A</i>	-0.001245196	0.028075809	0.951971902	1
T2DM	neutrophil	<i>STON2</i>	0.001229008	0.009816621	0.951971902	1
T2DM	neutrophil	<i>STOX1</i>	0.004134788	0.031118975	0.951971902	1
T2DM	neutrophil	<i>STRN4</i>	-0.004652104	0.03320505	0.967284467	1
T2DM	neutrophil	<i>SULT1B1</i>	-0.006201769	0.046648018	0.99757386	1
T2DM	neutrophil	<i>SUSD2</i>	-0.015349866	0.029574237	0.951971902	1
T2DM	neutrophil	<i>TAP1</i>	-0.004908603	0.02027667	0.951971902	1
T2DM	neutrophil	<i>TBC1D10C</i>	-0.002970087	0.027323815	0.951971902	1
T2DM	neutrophil	<i>TLN1</i>	-0.002436316	0.042678774	0.99757386	1
T2DM	neutrophil	<i>TLN2</i>	0.000997009	0.046274121	0.99757386	1
T2DM	neutrophil	<i>TMC6</i>	-0.003578359	0.010511833	0.951971902	1
T2DM	neutrophil	<i>TMEM132C</i>	0.001300892	0.022710434	0.951971902	1
T2DM	neutrophil	<i>TMEM2</i>	-0.002034581	0.006765137	0.951971902	1
T2DM	neutrophil	<i>TMEM74B</i>	0.00676318	0.046271458	0.99757386	1
T2DM	neutrophil	<i>TNFRSF12A</i>	-0.011642443	0.021046095	0.951971902	1
T2DM	neutrophil	<i>TOMM34</i>	-0.005959265	0.009023391	0.951971902	1
T2DM	neutrophil	<i>TPD52</i>	-0.001081548	0.036574326	0.989537493	1
T2DM	neutrophil	<i>TPX2</i>	-0.021931254	0.031016497	0.951971902	1
T2DM	neutrophil	<i>TRHDE</i>	0.000971726	0.02276492	0.951971902	1
T2DM	neutrophil	<i>TRPC3</i>	-0.009006375	0.042331957	0.99757386	1
T2DM	neutrophil	<i>TSC22D1</i>	-0.001507205	0.019147921	0.951971902	1
T2DM	neutrophil	<i>TSHZ2</i>	0.000619964	0.006027409	0.951971902	1
T2DM	neutrophil	<i>TTC4</i>	-0.009748028	0.044645202	0.99757386	1
T2DM	neutrophil	<i>UBA52</i>	-0.002529586	0.000477	0.951971902	1
T2DM	neutrophil	<i>UGDH</i>	0.003670658	0.016080256	0.951971902	1
T2DM	neutrophil	<i>ULK3</i>	-0.004061377	0.033343474	0.967284467	1
T2DM	neutrophil	<i>UNC45B</i>	-0.051557972	0.036006038	0.988953524	1
T2DM	neutrophil	<i>USB1</i>	-0.008316929	0.034664365	0.988900562	1
T2DM	neutrophil	<i>USP37</i>	-0.001908603	0.036809295	0.990866432	1
T2DM	neutrophil	<i>USP49</i>	0.002459448	0.029097269	0.951971902	1
T2DM	neutrophil	<i>USP53</i>	0.001202987	0.044101525	0.99757386	1
T2DM	neutrophil	<i>VPS37C</i>	-0.00373484	0.042547493	0.99757386	1
T2DM	neutrophil	<i>WIPF1</i>	-0.000840978	0.040875797	0.99757386	1
T2DM	neutrophil	<i>ZFPM2</i>	0.000575105	0.035262803	0.988900562	1
T2DM	neutrophil	<i>ZNF436</i>	0.009942603	0.009125819	0.951971902	1
T2DM	neutrophil	<i>ZNF573</i>	-0.002234591	0.034850639	0.988900562	1
T2DM	neutrophil	<i>ZNF575</i>	-0.012185752	0.027372217	0.951971902	1

T2DM	neutrophil	<i>ZNF598</i>	-0.007811046	0.01054186	0.951971902	1
T2DM	neutrophil	<i>ZFP57</i>	-0.004638771	0.0071712	0.951971902	1
T2DM	neutrophil	<i>S100A12</i>	-0.043325903	0.007251918	0.951971902	1
T2DM	neutrophil	<i>OR51E2</i>	-0.017939222	0.02844863	0.951971902	1
T2DM	neutrophil	<i>KRT77</i>	-0.002797633	0.024827606	0.951971902	1
T2DM	nk_cell	<i>ABCA7</i>	-0.004165718	0.004177996	0.73434427	1
T2DM	nk_cell	<i>ABCA8</i>	0.001001349	0.012477117	0.87055867	1
T2DM	nk_cell	<i>ABCB4</i>	-0.002789364	0.048910321	0.920817395	1
T2DM	nk_cell	<i>ABHD15</i>	-0.007317042	0.004813015	0.751400425	1
T2DM	nk_cell	<i>AC009495.3</i>	-0.013648515	0.004695379	0.751400425	1
T2DM	nk_cell	<i>ACADS</i>	0.004516514	0.033622967	0.920817395	1
T2DM	nk_cell	<i>ACHE</i>	0.015844092	0.032949161	0.915833423	1
T2DM	nk_cell	<i>ACOT2</i>	0.005820244	0.040511268	0.920817395	1
T2DM	nk_cell	<i>ACTN4</i>	-0.001678323	0.025594687	0.897568069	1
T2DM	nk_cell	<i>ACTR3</i>	-0.001330321	0.041136421	0.920817395	1
T2DM	nk_cell	<i>ADAMTSL3</i>	0.001491482	0.013835793	0.87055867	1
T2DM	nk_cell	<i>ADH1B</i>	0.001362543	0.006617586	0.808536069	1
T2DM	nk_cell	<i>ADSS</i>	-0.003942759	0.005647161	0.76474695	1
T2DM	nk_cell	<i>AGTPBP1</i>	-0.001824192	0.00399611	0.73434427	1
T2DM	nk_cell	<i>AHI1</i>	0.000906606	0.038774895	0.920817395	1
T2DM	nk_cell	<i>ALG10</i>	-0.007834107	0.007035155	0.808536069	1
T2DM	nk_cell	<i>AMPH</i>	0.003077383	0.041871181	0.920817395	1
T2DM	nk_cell	<i>ANGPT4</i>	-0.004869384	0.02586162	0.897568069	1
T2DM	nk_cell	<i>ANKRD26</i>	0.003788478	0.007850442	0.826153152	1
T2DM	nk_cell	<i>ANKRD44</i>	-0.00056372	0.010121681	0.853106349	1
T2DM	nk_cell	<i>ANKRD45</i>	0.016852781	0.032814944	0.915833423	1
T2DM	nk_cell	<i>ANTXR2</i>	0.001206046	0.012693815	0.87055867	1
T2DM	nk_cell	<i>APOBEC3G</i>	-0.003580521	0.013586995	0.87055867	1
T2DM	nk_cell	<i>AQP1</i>	-0.003458974	0.044568653	0.920817395	1
T2DM	nk_cell	<i>ARPC5</i>	-0.001988032	0.018948745	0.893045001	1
T2DM	nk_cell	<i>ARSG</i>	-0.001825034	0.044858822	0.920817395	1
T2DM	nk_cell	<i>ASAP3</i>	0.004818797	0.033993478	0.920817395	1
T2DM	nk_cell	<i>ASB16</i>	-0.006822214	0.045786749	0.920817395	1
T2DM	nk_cell	<i>ATP2A3</i>	-0.002446952	0.003313868	0.682885324	1
T2DM	nk_cell	<i>ATP8A1</i>	-0.001760508	0.002250891	0.651188434	1
T2DM	nk_cell	<i>ATP9A</i>	0.002553316	0.00302642	0.651188434	1
T2DM	nk_cell	<i>BAHD1</i>	0.004910791	0.009143466	0.853106349	1
T2DM	nk_cell	<i>BBS9</i>	0.00143314	0.029919373	0.900492537	1
T2DM	nk_cell	<i>BICC1</i>	0.001209675	0.01827779	0.893045001	1
T2DM	nk_cell	<i>BLOC1S1</i>	-0.005012425	0.019743845	0.893045001	1
T2DM	nk_cell	<i>BOC</i>	0.00292078	0.002919717	0.651188434	1
T2DM	nk_cell	<i>BTBD9</i>	-0.001201497	0.015729082	0.87055867	1
T2DM	nk_cell	<i>BTN3A1</i>	-0.001938548	0.026937519	0.900492537	1
T2DM	nk_cell	<i>C18orf8</i>	-0.003243548	0.032681144	0.915833423	1
T2DM	nk_cell	<i>C20orf196</i>	-0.002995817	0.015748119	0.87055867	1
T2DM	nk_cell	<i>C2CD2</i>	0.002718405	0.015878664	0.87055867	1
T2DM	nk_cell	<i>C7</i>	0.004940982	0.035652549	0.920817395	1
T2DM	nk_cell	<i>CANX</i>	-0.002669889	0.043083573	0.920817395	1
T2DM	nk_cell	<i>CATSPERB</i>	0.002106354	0.015443758	0.87055867	1
T2DM	nk_cell	<i>CBL</i>	-0.001657412	0.040770046	0.920817395	1
T2DM	nk_cell	<i>CCDC88C</i>	-0.001118016	0.026153348	0.898232224	1
T2DM	nk_cell	<i>CCDC97</i>	-0.004525847	0.048080808	0.920817395	1

T2DM	nk_cell	<i>CD37</i>	-0.00209007	0.015068859	0.87055867	1
T2DM	nk_cell	<i>CD40</i>	-0.003715369	0.045197798	0.920817395	1
T2DM	nk_cell	<i>CD52</i>	-0.00231549	0.044241791	0.920817395	1
T2DM	nk_cell	<i>CDC42SE1</i>	-0.001971347	0.039062833	0.920817395	1
T2DM	nk_cell	<i>CDC42SE2</i>	-0.000733037	0.02175669	0.893045001	1
T2DM	nk_cell	<i>CDON</i>	0.002172663	0.004818834	0.751400425	1
T2DM	nk_cell	<i>CEACAM21</i>	-0.002967547	0.040215136	0.920817395	1
T2DM	nk_cell	<i>CENPP</i>	0.002157987	0.03575877	0.920817395	1
T2DM	nk_cell	<i>CFH</i>	0.001565783	0.010654597	0.860430662	1
T2DM	nk_cell	<i>CHST11</i>	-0.000470599	0.045034214	0.920817395	1
T2DM	nk_cell	<i>CLCN2</i>	-0.008203364	0.044336302	0.920817395	1
T2DM	nk_cell	<i>CLIC3</i>	-0.008228814	0.014279855	0.87055867	1
T2DM	nk_cell	<i>CNOT6L</i>	-0.001281515	0.046971819	0.920817395	1
T2DM	nk_cell	<i>COL12A1</i>	0.001860051	0.013680944	0.87055867	1
T2DM	nk_cell	<i>COL21A1</i>	-0.003124651	0.023287324	0.893045001	1
T2DM	nk_cell	<i>COL4A4</i>	-0.005066703	0.034864903	0.920817395	1
T2DM	nk_cell	<i>COL6A1</i>	0.001140969	0.015780211	0.87055867	1
T2DM	nk_cell	<i>CPEB1</i>	0.006972885	0.04944178	0.920817395	1
T2DM	nk_cell	<i>CSRNP1</i>	-0.011352794	0.004696779	0.751400425	1
T2DM	nk_cell	<i>CTNNA3</i>	-0.000939341	0.036106677	0.920817395	1
T2DM	nk_cell	<i>CX3CR1</i>	-0.001956918	0.013928466	0.87055867	1
T2DM	nk_cell	<i>CYBA</i>	-0.001345171	0.007850688	0.826153152	1
T2DM	nk_cell	<i>CYLD</i>	-0.001983799	0.048043401	0.920817395	1
T2DM	nk_cell	<i>CYTH1</i>	-0.000927537	0.019728587	0.893045001	1
T2DM	nk_cell	<i>DCBLD2</i>	0.003523441	0.001556395	0.651188434	1
T2DM	nk_cell	<i>DENND5A</i>	-0.001223317	0.040928156	0.920817395	1
T2DM	nk_cell	<i>DIAPH1</i>	-0.001559227	0.013295516	0.87055867	1
T2DM	nk_cell	<i>DNAJC6</i>	-0.005354302	0.017491268	0.893045001	1
T2DM	nk_cell	<i>DOK3</i>	-0.003322037	0.041740178	0.920817395	1
T2DM	nk_cell	<i>ECM2</i>	0.002219376	0.00936051	0.853106349	1
T2DM	nk_cell	<i>EDEM1</i>	-0.004153464	0.040869006	0.920817395	1
T2DM	nk_cell	<i>EFCAB1</i>	0.055121568	0.02082047	0.893045001	1
T2DM	nk_cell	<i>EFCAB2</i>	0.003360798	0.006794338	0.808536069	1
T2DM	nk_cell	<i>EFEMP1</i>	0.00158768	0.009173366	0.853106349	1
T2DM	nk_cell	<i>EML4</i>	-0.000868042	0.018314513	0.893045001	1
T2DM	nk_cell	<i>EMP1</i>	0.00127697	0.047221039	0.920817395	1
T2DM	nk_cell	<i>EPB41</i>	-0.001081467	0.020095284	0.893045001	1
T2DM	nk_cell	<i>ERI2</i>	0.003912143	0.036039572	0.920817395	1
T2DM	nk_cell	<i>ERMARD</i>	-0.00494332	0.044065169	0.920817395	1
T2DM	nk_cell	<i>ERP27</i>	-0.006674276	0.018357988	0.893045001	1
T2DM	nk_cell	<i>ERV3-1</i>	0.003270308	0.031194084	0.900492537	1
T2DM	nk_cell	<i>FAM114A1</i>	0.003988784	0.001041517	0.651188434	1
T2DM	nk_cell	<i>FBLN5</i>	0.001784512	0.021347265	0.893045001	1
T2DM	nk_cell	<i>FFAR4</i>	0.006290979	0.025692077	0.897568069	1
T2DM	nk_cell	<i>FGFBP2</i>	-0.003112067	0.044757737	0.920817395	1
T2DM	nk_cell	<i>FGFR1</i>	0.001544419	0.012423399	0.87055867	1
T2DM	nk_cell	<i>FHOD3</i>	0.002499445	0.039867339	0.920817395	1
T2DM	nk_cell	<i>FLRT2</i>	0.001287383	0.007170752	0.808536069	1
T2DM	nk_cell	<i>FLT3</i>	0.003377895	0.00200957	0.651188434	1
T2DM	nk_cell	<i>FNBP1</i>	-0.000943258	0.025751252	0.897568069	1
T2DM	nk_cell	<i>FNDC1</i>	0.003540174	0.016405666	0.883245581	1
T2DM	nk_cell	<i>FOXP2</i>	0.001510213	0.005560096	0.76474695	1

T2DM	nk_cell	<i>FSTL1</i>	0.001171734	0.013489615	0.87055867	1
T2DM	nk_cell	<i>GALNT3</i>	-0.004448377	0.013327788	0.87055867	1
T2DM	nk_cell	<i>GAS6</i>	0.003033341	0.002192956	0.651188434	1
T2DM	nk_cell	<i>GATAD2A</i>	-0.002576478	0.00515519	0.751400425	1
T2DM	nk_cell	<i>GCSH</i>	0.010450484	0.046320114	0.920817395	1
T2DM	nk_cell	<i>GFOD1</i>	-0.001762148	0.024806806	0.893045001	1
T2DM	nk_cell	<i>GJB2</i>	-0.051539117	0.048714208	0.920817395	1
T2DM	nk_cell	<i>GMIP</i>	-0.003338136	0.047631577	0.920817395	1
T2DM	nk_cell	<i>GNLY</i>	-0.000634384	0.03675114	0.920817395	1
T2DM	nk_cell	<i>GOLIM4</i>	0.004767364	0.000700342	0.651188434	1
T2DM	nk_cell	<i>GPR19</i>	-0.01141785	0.045140239	0.920817395	1
T2DM	nk_cell	<i>GREB1L</i>	0.002460457	0.008153398	0.826153152	1
T2DM	nk_cell	<i>GRIN2A</i>	-0.003452621	0.024592975	0.893045001	1
T2DM	nk_cell	<i>GSAP</i>	-0.001061458	0.039361621	0.920817395	1
T2DM	nk_cell	<i>GXYLT2</i>	0.003677586	0.024754501	0.893045001	1
T2DM	nk_cell	<i>HEXDC</i>	-0.003186745	0.003536223	0.704415631	1
T2DM	nk_cell	<i>HLA-A</i>	-0.000873244	0.031577954	0.902917944	1
T2DM	nk_cell	<i>HLA-B</i>	-0.000823109	0.005070924	0.751400425	1
T2DM	nk_cell	<i>HLA-C</i>	-0.001012859	0.017663182	0.893045001	1
T2DM	nk_cell	<i>HLA-E</i>	-0.00110921	0.036419306	0.920817395	1
T2DM	nk_cell	<i>HOPX</i>	-0.007892683	0.04602032	0.920817395	1
T2DM	nk_cell	<i>HORMAD1</i>	-0.007892435	0.014684099	0.87055867	1
T2DM	nk_cell	<i>HPS3</i>	-0.004575603	0.014966278	0.87055867	1
T2DM	nk_cell	<i>HRNR</i>	0.019260467	0.030043775	0.900492537	1
T2DM	nk_cell	<i>HTRA3</i>	0.002127743	0.037793693	0.920817395	1
T2DM	nk_cell	<i>ICAIL</i>	0.003686643	0.01840967	0.893045001	1
T2DM	nk_cell	<i>ICAM3</i>	-0.005567178	0.008311724	0.827847662	1
T2DM	nk_cell	<i>IFNAR1</i>	-0.002176848	0.041025048	0.920817395	1
T2DM	nk_cell	<i>IFNAR2</i>	-0.001481739	0.011731399	0.87055867	1
T2DM	nk_cell	<i>IFT74</i>	-0.002345989	0.049028852	0.920817395	1
T2DM	nk_cell	<i>IKZF3</i>	-0.001036935	0.015037883	0.87055867	1
T2DM	nk_cell	<i>IMPA2</i>	0.003261276	0.037234505	0.920817395	1
T2DM	nk_cell	<i>ING5</i>	0.001814193	0.03081988	0.900492537	1
T2DM	nk_cell	<i>INPP4A</i>	-0.001166345	0.029042102	0.900492537	1
T2DM	nk_cell	<i>ITGA11</i>	0.001790119	0.020633095	0.893045001	1
T2DM	nk_cell	<i>ITGA4</i>	-0.000972255	0.01206499	0.87055867	1
T2DM	nk_cell	<i>ITGB2</i>	-0.001899338	0.024180439	0.893045001	1
T2DM	nk_cell	<i>ITGB3BP</i>	-0.002186733	0.024726702	0.893045001	1
T2DM	nk_cell	<i>ITIH4</i>	-0.009850171	0.014959029	0.87055867	1
T2DM	nk_cell	<i>JAKMIP3</i>	0.022713632	0.031215502	0.900492537	1
T2DM	nk_cell	<i>JAZF1</i>	-0.000769552	0.047276167	0.920817395	1
T2DM	nk_cell	<i>KCNAB2</i>	-0.001748079	0.047120043	0.920817395	1
T2DM	nk_cell	<i>KCNB2</i>	0.002617826	0.011272579	0.87055867	1
T2DM	nk_cell	<i>KCND3</i>	0.006394866	0.03710803	0.920817395	1
T2DM	nk_cell	<i>KCNIP4</i>	0.002563813	0.024681794	0.893045001	1
T2DM	nk_cell	<i>KCNMA1</i>	-0.0009147	0.043196639	0.920817395	1
T2DM	nk_cell	<i>KCNT2</i>	0.003767978	0.016393774	0.883245581	1
T2DM	nk_cell	<i>KCTD16</i>	0.007336319	0.048095747	0.920817395	1
T2DM	nk_cell	<i>KCTD8</i>	0.002613054	0.039238079	0.920817395	1
T2DM	nk_cell	<i>KIAA1109</i>	-0.001495015	0.018944365	0.893045001	1
T2DM	nk_cell	<i>KRII</i>	-0.005205303	0.012303602	0.87055867	1
T2DM	nk_cell	<i>KRIT1</i>	-0.00216141	0.03763367	0.920817395	1

T2DM	nk_cell	<i>L3MBTL3</i>	-0.002273737	0.028196779	0.900492537	1
T2DM	nk_cell	<i>LAMA4</i>	0.001065048	0.001283416	0.651188434	1
T2DM	nk_cell	<i>LAPTM5</i>	-0.002740374	0.002298111	0.651188434	1
T2DM	nk_cell	<i>LBH</i>	-0.002587864	0.002298424	0.651188434	1
T2DM	nk_cell	<i>LCAT</i>	0.006071886	0.020562144	0.893045001	1
T2DM	nk_cell	<i>LCLAT1</i>	-0.002593491	0.024202411	0.893045001	1
T2DM	nk_cell	<i>LIMA1</i>	0.000811764	0.032401409	0.915833423	1
T2DM	nk_cell	<i>LINC00092</i>	-0.01868689	0.012489588	0.87055867	1
T2DM	nk_cell	<i>LINC00545</i>	-0.005116105	0.01925538	0.893045001	1
T2DM	nk_cell	<i>LINC00626</i>	0.023069131	0.04022266	0.920817395	1
T2DM	nk_cell	<i>LINC00702</i>	-0.004330783	0.043624117	0.920817395	1
T2DM	nk_cell	<i>LINC00847</i>	0.005985145	0.041129925	0.920817395	1
T2DM	nk_cell	<i>LIPA</i>	-0.004716606	0.010008437	0.853106349	1
T2DM	nk_cell	<i>LLGL2</i>	-0.003057066	0.010799021	0.860465959	1
T2DM	nk_cell	<i>LMO3</i>	0.001957564	0.007777629	0.826153152	1
T2DM	nk_cell	<i>LRCH1</i>	-0.001463367	0.031100115	0.900492537	1
T2DM	nk_cell	<i>LRMP</i>	-0.001224317	0.029817868	0.900492537	1
T2DM	nk_cell	<i>LRRC2</i>	0.006564029	0.004150129	0.73434427	1
T2DM	nk_cell	<i>LRRC34</i>	0.006528292	0.022380253	0.893045001	1
T2DM	nk_cell	<i>MAD1L1</i>	-0.003129993	0.040896387	0.920817395	1
T2DM	nk_cell	<i>MALT1</i>	-0.002156721	0.022722462	0.893045001	1
T2DM	nk_cell	<i>MAP3K5</i>	-0.001115358	0.021084021	0.893045001	1
T2DM	nk_cell	<i>MAPK9</i>	-0.00632748	0.030487541	0.900492537	1
T2DM	nk_cell	<i>MASP1</i>	0.010737885	0.023982453	0.893045001	1
T2DM	nk_cell	<i>MBNL1</i>	-0.000986694	0.000695586	0.651188434	1
T2DM	nk_cell	<i>ME3</i>	0.003589378	0.0235623	0.893045001	1
T2DM	nk_cell	<i>MEST</i>	0.002678295	0.004976594	0.751400425	1
T2DM	nk_cell	<i>MGST1</i>	0.001171635	0.005781956	0.76474695	1
T2DM	nk_cell	<i>MMP16</i>	0.002041034	0.03115411	0.900492537	1
T2DM	nk_cell	<i>MMRN1</i>	0.000827811	0.012068478	0.87055867	1
T2DM	nk_cell	<i>MPZL3</i>	-0.003028199	0.040440894	0.920817395	1
T2DM	nk_cell	<i>MRC2</i>	0.001903607	0.034959738	0.920817395	1
T2DM	nk_cell	<i>MRPL34</i>	-0.006711985	0.001895845	0.651188434	1
T2DM	nk_cell	<i>MTHFD1</i>	0.003323964	0.029556151	0.900492537	1
T2DM	nk_cell	<i>MX1</i>	-0.004230672	0.028896021	0.900492537	1
T2DM	nk_cell	<i>MYOM2</i>	-0.012290725	0.027889361	0.900492537	1
T2DM	nk_cell	<i>NAA25</i>	-0.003597263	0.027301805	0.900492537	1
T2DM	nk_cell	<i>NALCN</i>	0.003302447	0.02222528	0.893045001	1
T2DM	nk_cell	<i>NARFL</i>	-0.004126119	0.030161903	0.900492537	1
T2DM	nk_cell	<i>NDE1</i>	-0.001265408	0.042362883	0.920817395	1
T2DM	nk_cell	<i>NEFH</i>	0.024425624	0.034684626	0.920817395	1
T2DM	nk_cell	<i>NEK11</i>	0.002908691	0.018692011	0.893045001	1
T2DM	nk_cell	<i>NFIA</i>	0.000807012	0.012639833	0.87055867	1
T2DM	nk_cell	<i>NFIX</i>	0.002451969	0.049101556	0.920817395	1
T2DM	nk_cell	<i>NFYC</i>	-0.002114253	0.025486848	0.897568069	1
T2DM	nk_cell	<i>NOD1</i>	0.001492147	0.017458961	0.893045001	1
T2DM	nk_cell	<i>NPC1</i>	-0.002452231	0.019962048	0.893045001	1
T2DM	nk_cell	<i>NPHP4</i>	0.008319119	0.001518326	0.651188434	1
T2DM	nk_cell	<i>NT5DC1</i>	-0.003466237	0.002779956	0.651188434	1
T2DM	nk_cell	<i>NUDCD3</i>	-0.002046519	0.027281031	0.900492537	1
T2DM	nk_cell	<i>NUDT12</i>	0.005875669	0.006207628	0.789293341	1
T2DM	nk_cell	<i>NUDT16L1</i>	-0.008770415	9.53E-05	0.352242974	0.569268977

T2DM	nk_cell	<i>OAF</i>	0.002352737	0.047373769	0.920817395	1
T2DM	nk_cell	<i>OGN</i>	0.003750619	0.013183415	0.87055867	1
T2DM	nk_cell	<i>OPN3</i>	-0.005056645	0.045387038	0.920817395	1
T2DM	nk_cell	<i>OSBPL3</i>	-0.001353277	0.044669481	0.920817395	1
T2DM	nk_cell	<i>OSBPL6</i>	-0.003807919	0.045912842	0.920817395	1
T2DM	nk_cell	<i>PAOX</i>	-0.006560052	0.029837693	0.900492537	1
T2DM	nk_cell	<i>PARP15</i>	-0.001781922	0.015079932	0.87055867	1
T2DM	nk_cell	<i>PARP8</i>	-0.00069498	0.03126235	0.900492537	1
T2DM	nk_cell	<i>PATL2</i>	-0.002771347	0.024039707	0.893045001	1
T2DM	nk_cell	<i>PBX1</i>	0.000812908	0.017141335	0.893045001	1
T2DM	nk_cell	<i>PCGF5</i>	-0.003277504	0.000854446	0.651188434	1
T2DM	nk_cell	<i>PCOLCE2</i>	0.001314836	0.009839631	0.853106349	1
T2DM	nk_cell	<i>PCSK7</i>	-0.001841309	0.008156465	0.826153152	1
T2DM	nk_cell	<i>PDE1C</i>	0.001651031	0.049626854	0.920817395	1
T2DM	nk_cell	<i>PDE4C</i>	-0.004788595	0.028309885	0.900492537	1
T2DM	nk_cell	<i>PHLDB1</i>	0.001969078	0.00567484	0.76474695	1
T2DM	nk_cell	<i>PIGB</i>	-0.003498848	0.032627125	0.915833423	1
T2DM	nk_cell	<i>PIGX</i>	-0.00277361	0.007103028	0.808536069	1
T2DM	nk_cell	<i>PIKFYVE</i>	-0.002289163	0.021151003	0.893045001	1
T2DM	nk_cell	<i>PIP4K2A</i>	-0.000773145	0.023981833	0.893045001	1
T2DM	nk_cell	<i>PLA2G2D</i>	-0.032110199	0.01027839	0.853106349	1
T2DM	nk_cell	<i>PLCD4</i>	-0.008387038	0.043603597	0.920817395	1
T2DM	nk_cell	<i>PLD1</i>	0.001636971	0.028277157	0.900492537	1
T2DM	nk_cell	<i>PPP1R14A</i>	-0.003755932	0.043361357	0.920817395	1
T2DM	nk_cell	<i>PRDM5</i>	0.00326377	0.025983815	0.897568069	1
T2DM	nk_cell	<i>PROZ</i>	0.018781066	0.022370345	0.893045001	1
T2DM	nk_cell	<i>PSMA4</i>	-0.004081549	0.038815035	0.920817395	1
T2DM	nk_cell	<i>PSMB9</i>	-0.002828584	0.001302751	0.651188434	1
T2DM	nk_cell	<i>PTCHD3</i>	-0.017500526	0.024761115	0.893045001	1
T2DM	nk_cell	<i>PTGDR</i>	-0.00224004	0.020132288	0.893045001	1
T2DM	nk_cell	<i>PTPRS</i>	0.001284452	0.043602624	0.920817395	1
T2DM	nk_cell	<i>RAB18</i>	-0.002218179	0.039563116	0.920817395	1
T2DM	nk_cell	<i>RAB37</i>	-0.003642835	0.039737224	0.920817395	1
T2DM	nk_cell	<i>RABEP1</i>	-0.001638887	0.022042907	0.893045001	1
T2DM	nk_cell	<i>RABGAP1L</i>	-0.000647871	0.021916176	0.893045001	1
T2DM	nk_cell	<i>RAMP2-AS1</i>	0.00539987	0.022418886	0.893045001	1
T2DM	nk_cell	<i>RAP1A</i>	-0.001260247	0.037323248	0.920817395	1
T2DM	nk_cell	<i>RAPGEF4</i>	0.001630626	0.02941714	0.900492537	1
T2DM	nk_cell	<i>RASAL3</i>	-0.002287137	0.042521216	0.920817395	1
T2DM	nk_cell	<i>RASL10A</i>	-0.016405392	0.023481518	0.893045001	1
T2DM	nk_cell	<i>RCSD1</i>	-0.001193666	0.003761653	0.725149575	1
T2DM	nk_cell	<i>RGS7BP</i>	-0.007417919	0.042558795	0.920817395	1
T2DM	nk_cell	<i>RHBDF2</i>	-0.002098244	0.011298645	0.87055867	1
T2DM	nk_cell	<i>RHOBTB3</i>	0.001493266	0.002413973	0.651188434	1
T2DM	nk_cell	<i>RNASEK</i>	-0.002614826	0.042968953	0.920817395	1
T2DM	nk_cell	<i>RNF217</i>	0.003298648	0.005886606	0.76474695	1
T2DM	nk_cell	<i>RPS10</i>	-0.010387771	0.037188194	0.920817395	1
T2DM	nk_cell	<i>S100A10</i>	0.001632829	0.002883425	0.651188434	1
T2DM	nk_cell	<i>SASS6</i>	-0.005322492	0.027795071	0.900492537	1
T2DM	nk_cell	<i>SDHA</i>	0.0025891	0.009771814	0.853106349	1
T2DM	nk_cell	<i>SEL1L3</i>	-0.000963859	0.018406117	0.893045001	1
T2DM	nk_cell	<i>SEMA4D</i>	-0.001246878	0.015808359	0.87055867	1

T2DM	nk_cell	<i>SENP6</i>	-0.001079546	0.038333296	0.920817395	1
T2DM	nk_cell	<i>SERPINI1</i>	-0.003783383	0.034112917	0.920817395	1
T2DM	nk_cell	<i>SH3BP1</i>	-0.005199447	0.047447346	0.920817395	1
T2DM	nk_cell	<i>SH3D19</i>	0.000931946	0.010432777	0.854058553	1
T2DM	nk_cell	<i>SH3PXD2B</i>	0.001323287	0.042901173	0.920817395	1
T2DM	nk_cell	<i>SHISA5</i>	-0.002941414	0.034646272	0.920817395	1
T2DM	nk_cell	<i>SLAIN2</i>	-0.002851024	0.044437822	0.920817395	1
T2DM	nk_cell	<i>SLC38A11</i>	-0.001898462	0.046741738	0.920817395	1
T2DM	nk_cell	<i>SLC41A2</i>	0.004154892	0.001185645	0.651188434	1
T2DM	nk_cell	<i>SLC6A16</i>	-0.003244274	0.046844005	0.920817395	1
T2DM	nk_cell	<i>SLCO3A1</i>	-0.000608157	0.03698912	0.920817395	1
T2DM	nk_cell	<i>SMAD2</i>	-0.002892201	0.006906828	0.808536069	1
T2DM	nk_cell	<i>SMG7</i>	-0.001913971	0.039987957	0.920817395	1
T2DM	nk_cell	<i>SNX27</i>	-0.001993074	0.045260886	0.920817395	1
T2DM	nk_cell	<i>SP110</i>	-0.00180236	0.010147025	0.853106349	1
T2DM	nk_cell	<i>SP140L</i>	-0.00199817	0.030245364	0.900492537	1
T2DM	nk_cell	<i>SPATA9</i>	0.002937075	0.036848728	0.920817395	1
T2DM	nk_cell	<i>SPINT2</i>	-0.005151617	0.01436403	0.87055867	1
T2DM	nk_cell	<i>SPTBN1</i>	0.000682783	0.025413463	0.897568069	1
T2DM	nk_cell	<i>SRGAP1</i>	0.002239704	0.001878134	0.651188434	1
T2DM	nk_cell	<i>ST3GAL6</i>	0.004349958	0.000117886	0.352242974	0.704485948
T2DM	nk_cell	<i>STAP1</i>	-0.003259185	0.019967988	0.893045001	1
T2DM	nk_cell	<i>STK17A</i>	-0.001702081	0.002681487	0.651188434	1
T2DM	nk_cell	<i>STK24</i>	-0.002162665	0.044118101	0.920817395	1
T2DM	nk_cell	<i>STUB1</i>	-0.004385144	0.028901769	0.900492537	1
T2DM	nk_cell	<i>SULT1B1</i>	-0.008023225	0.010037946	0.853106349	1
T2DM	nk_cell	<i>SUSD2</i>	-0.014348044	0.042066601	0.920817395	1
T2DM	nk_cell	<i>SVEP1</i>	0.001606074	0.009840046	0.853106349	1
T2DM	nk_cell	<i>TAP1</i>	-0.004841156	0.02208366	0.893045001	1
T2DM	nk_cell	<i>TAPBP</i>	-0.001952965	0.038964156	0.920817395	1
T2DM	nk_cell	<i>TAPBPL</i>	-0.004384497	0.020927896	0.893045001	1
T2DM	nk_cell	<i>TAS2R14</i>	-0.008007955	0.040962871	0.920817395	1
T2DM	nk_cell	<i>TBC1D10C</i>	-0.003464767	0.009945415	0.853106349	1
T2DM	nk_cell	<i>TBC1D22A</i>	-0.000908796	0.047645631	0.920817395	1
T2DM	nk_cell	<i>TBC1D4</i>	0.00190431	0.022748978	0.893045001	1
T2DM	nk_cell	<i>TCF3</i>	-0.004636275	0.026929951	0.900492537	1
T2DM	nk_cell	<i>TGM2</i>	-0.007887265	0.021643356	0.893045001	1
T2DM	nk_cell	<i>THAP3</i>	0.003951888	0.028610246	0.900492537	1
T2DM	nk_cell	<i>TK2</i>	0.004065077	0.033124729	0.916450839	1
T2DM	nk_cell	<i>TLN2</i>	0.001011685	0.043224146	0.920817395	1
T2DM	nk_cell	<i>TMC4</i>	-0.009662124	0.029828419	0.900492537	1
T2DM	nk_cell	<i>TMEM2</i>	-0.002418085	0.001277596	0.651188434	1
T2DM	nk_cell	<i>TP53I3</i>	0.004331501	0.040710029	0.920817395	1
T2DM	nk_cell	<i>TPD52</i>	-0.001176632	0.022997899	0.893045001	1
T2DM	nk_cell	<i>TRHDE</i>	0.000920318	0.030602602	0.900492537	1
T2DM	nk_cell	<i>TRPC3</i>	-0.00983661	0.026553354	0.900492537	1
T2DM	nk_cell	<i>TSHZ2</i>	0.000688173	0.002319969	0.651188434	1
T2DM	nk_cell	<i>TSPAN15</i>	0.002651754	0.007988733	0.826153152	1
T2DM	nk_cell	<i>UBR2</i>	-0.000860279	0.03070218	0.900492537	1
T2DM	nk_cell	<i>UGP2</i>	0.001414604	0.035337342	0.920817395	1
T2DM	nk_cell	<i>UST</i>	0.000919881	0.045533332	0.920817395	1
T2DM	nk_cell	<i>VSIG10</i>	0.003901861	0.032381341	0.915833423	1

T2DM	nk_cell	<i>WDR37</i>	-0.002068126	0.018972295	0.893045001	1
T2DM	nk_cell	<i>ZFHX4</i>	0.001932914	0.019397732	0.893045001	1
T2DM	nk_cell	<i>ZFPM2</i>	0.000676774	0.01333973	0.87055867	1
T2DM	nk_cell	<i>ZNF33A</i>	-0.002458999	0.030711514	0.900492537	1
T2DM	nk_cell	<i>ZNF483</i>	0.004906361	0.038943952	0.920817395	1
T2DM	nk_cell	<i>ZNF500</i>	-0.006100949	0.031342444	0.900492537	1
T2DM	nk_cell	<i>ZNF808</i>	-0.006098326	0.00159675	0.651188434	1
T2DM	nk_cell	<i>ZNF93</i>	-0.006289294	0.003051084	0.651188434	1
T2DM	nk_cell	<i>HES5</i>	-0.00965209	0.020808133	0.893045001	1
T2DM	nk_cell	<i>IRX5</i>	0.015867685	0.044698799	0.920817395	1
T2DM	pericyte	<i>AC009495.3</i>	-0.010211727	0.035385876	0.999737516	1
T2DM	pericyte	<i>AC147651.3</i>	-0.012424789	0.021574332	0.999737516	1
T2DM	pericyte	<i>ACADS</i>	0.004601796	0.030707479	0.999737516	1
T2DM	pericyte	<i>ACBD5</i>	-0.002365717	0.031343882	0.999737516	1
T2DM	pericyte	<i>ACTN4</i>	-0.001770461	0.018550866	0.999737516	1
T2DM	pericyte	<i>ACTR3</i>	-0.001427816	0.028343292	0.999737516	1
T2DM	pericyte	<i>ADAMTS12</i>	0.000935158	0.034321072	0.999737516	1
T2DM	pericyte	<i>ADAMTSL3</i>	0.001452381	0.016520528	0.999737516	1
T2DM	pericyte	<i>ADH1B</i>	0.00104014	0.037942517	0.999737516	1
T2DM	pericyte	<i>ADORA2B</i>	0.006799494	0.012626594	0.999737516	1
T2DM	pericyte	<i>ADSS</i>	-0.002883386	0.042410017	0.999737516	1
T2DM	pericyte	<i>AGRN</i>	0.010144963	0.03894554	0.999737516	1
T2DM	pericyte	<i>AGTPBP1</i>	-0.001549195	0.014493019	0.999737516	1
T2DM	pericyte	<i>ALKBH5</i>	-0.002818385	0.044029931	0.999737516	1
T2DM	pericyte	<i>ANGPT4</i>	-0.005156816	0.018442453	0.999737516	1
T2DM	pericyte	<i>ANKRD29</i>	-0.001884975	0.02278466	0.999737516	1
T2DM	pericyte	<i>ANKRD45</i>	-0.015830389	0.045464245	0.999737516	1
T2DM	pericyte	<i>APBB1</i>	-0.010282625	0.003661033	0.999737516	1
T2DM	pericyte	<i>ARHGEF7</i>	-0.0012199	0.049205025	0.999737516	1
T2DM	pericyte	<i>ARSG</i>	-0.001880742	0.038575234	0.999737516	1
T2DM	pericyte	<i>ATP1B2</i>	-0.015958262	0.030160281	0.999737516	1
T2DM	pericyte	<i>ATP6V0D2</i>	0.010741453	0.036555658	0.999737516	1
T2DM	pericyte	<i>ATP8A1</i>	-0.001436187	0.012620465	0.999737516	1
T2DM	pericyte	<i>AVPR1A</i>	-0.002700276	0.03760872	0.999737516	1
T2DM	pericyte	<i>BECN1</i>	-0.003128365	0.031286122	0.999737516	1
T2DM	pericyte	<i>BHMT2</i>	0.003671127	0.04262433	0.999737516	1
T2DM	pericyte	<i>BICC1</i>	0.001090157	0.033130192	0.999737516	1
T2DM	pericyte	<i>BLOC1S1</i>	-0.004283615	0.047083613	0.999737516	1
T2DM	pericyte	<i>BOC</i>	0.00255198	0.009374035	0.999737516	1
T2DM	pericyte	<i>BRSK2</i>	-0.01906648	0.030302975	0.999737516	1
T2DM	pericyte	<i>BTBD9</i>	-0.000977644	0.049418791	0.999737516	1
T2DM	pericyte	<i>C10orf25</i>	-0.033757318	0.009632154	0.999737516	1
T2DM	pericyte	<i>C11orf63</i>	0.004693211	0.012102406	0.999737516	1
T2DM	pericyte	<i>C17orf107</i>	0.048145988	0.006665325	0.999737516	1
T2DM	pericyte	<i>CAPS2</i>	0.001897982	0.033329262	0.999737516	1
T2DM	pericyte	<i>CAPZA1</i>	-0.00132713	0.024130164	0.999737516	1
T2DM	pericyte	<i>CASC1</i>	-0.006666034	0.020600463	0.999737516	1
T2DM	pericyte	<i>CASP8</i>	-0.001510631	0.029748224	0.999737516	1
T2DM	pericyte	<i>CCDC88C</i>	-0.001374529	0.006227071	0.999737516	1
T2DM	pericyte	<i>CCL4</i>	-0.002407415	0.012585829	0.999737516	1
T2DM	pericyte	<i>CCZ1</i>	-0.006004134	0.035451193	0.999737516	1
T2DM	pericyte	<i>CD3E</i>	-0.002613148	0.039417178	0.999737516	1

T2DM	pericyte	<i>CD52</i>	-0.002307444	0.045163823	0.999737516	1
T2DM	pericyte	<i>CDC27</i>	-0.002520277	0.039971232	0.999737516	1
T2DM	pericyte	<i>CDC42SE1</i>	-0.002200334	0.021196164	0.999737516	1
T2DM	pericyte	<i>CDON</i>	0.001616596	0.035871729	0.999737516	1
T2DM	pericyte	<i>CH25H</i>	-0.010852673	0.020204596	0.999737516	1
T2DM	pericyte	<i>CHRNE</i>	0.025283042	0.042870346	0.999737516	1
T2DM	pericyte	<i>CNOT6L</i>	-0.001329854	0.039224892	0.999737516	1
T2DM	pericyte	<i>COL12A1</i>	0.001843463	0.014341405	0.999737516	1
T2DM	pericyte	<i>CORO1A</i>	-0.00353238	0.022001426	0.999737516	1
T2DM	pericyte	<i>CPEB1</i>	0.007416337	0.0364607	0.999737516	1
T2DM	pericyte	<i>CRISPLD2</i>	-0.002531601	0.048938319	0.999737516	1
T2DM	pericyte	<i>CTNNA3</i>	-0.001013094	0.023838238	0.999737516	1
T2DM	pericyte	<i>CTSW</i>	-0.002330472	0.041397641	0.999737516	1
T2DM	pericyte	<i>CUL3</i>	-0.00176093	0.033366747	0.999737516	1
T2DM	pericyte	<i>CYBA</i>	-0.001247938	0.013630849	0.999737516	1
T2DM	pericyte	<i>CYTH1</i>	-0.000904805	0.022946746	0.999737516	1
T2DM	pericyte	<i>DBNDD1</i>	-0.015789928	0.020006837	0.999737516	1
T2DM	pericyte	<i>DCT</i>	0.00870188	0.04947174	0.999737516	1
T2DM	pericyte	<i>DMPK</i>	-0.003691732	0.049933853	0.999737516	1
T2DM	pericyte	<i>DNAJC6</i>	-0.005275157	0.019273491	0.999737516	1
T2DM	pericyte	<i>DOCK7</i>	0.002073769	0.045034855	0.999737516	1
T2DM	pericyte	<i>DOCK8</i>	-0.000545619	0.018263472	0.999737516	1
T2DM	pericyte	<i>DTNB</i>	-0.00239852	0.035884354	0.999737516	1
T2DM	pericyte	<i>EMG1</i>	0.009494164	0.011111108	0.999737516	1
T2DM	pericyte	<i>EMILIN2</i>	0.001444379	0.010737027	0.999737516	1
T2DM	pericyte	<i>EPB41</i>	-0.000959587	0.039062584	0.999737516	1
T2DM	pericyte	<i>ERCC6</i>	0.002601423	0.021480254	0.999737516	1
T2DM	pericyte	<i>EVL</i>	-0.001226245	0.03201058	0.999737516	1
T2DM	pericyte	<i>FAM114A1</i>	0.00247634	0.041643713	0.999737516	1
T2DM	pericyte	<i>FAM213A</i>	0.00193378	0.024279224	0.999737516	1
T2DM	pericyte	<i>FLRT2</i>	0.001180058	0.013709247	0.999737516	1
T2DM	pericyte	<i>FOXP2</i>	0.001376355	0.011433002	0.999737516	1
T2DM	pericyte	<i>GBP5</i>	-0.002768331	0.039937568	0.999737516	1
T2DM	pericyte	<i>GCHI</i>	-0.00291679	0.027190867	0.999737516	1
T2DM	pericyte	<i>GHR</i>	0.000865442	0.038499101	0.999737516	1
T2DM	pericyte	<i>GLDN</i>	-0.002561385	0.044744965	0.999737516	1
T2DM	pericyte	<i>GLIPR1</i>	-0.00197344	0.045620755	0.999737516	1
T2DM	pericyte	<i>GLRX</i>	0.001536795	0.04672209	0.999737516	1
T2DM	pericyte	<i>GLTP</i>	-0.006876307	0.036590517	0.999737516	1
T2DM	pericyte	<i>GNLY</i>	-0.000613007	0.043462346	0.999737516	1
T2DM	pericyte	<i>GNPTG</i>	-0.005857468	0.015860936	0.999737516	1
T2DM	pericyte	<i>GPIBA</i>	0.011272018	0.024668303	0.999737516	1
T2DM	pericyte	<i>GPAT2</i>	-0.020383092	0.02562058	0.999737516	1
T2DM	pericyte	<i>GREB1L</i>	0.001880275	0.043057423	0.999737516	1
T2DM	pericyte	<i>GRIN2A</i>	-0.00327081	0.03317431	0.999737516	1
T2DM	pericyte	<i>GTSF1</i>	0.012222294	0.018035755	0.999737516	1
T2DM	pericyte	<i>GXYLT2</i>	0.004084832	0.012629625	0.999737516	1
T2DM	pericyte	<i>HAVCR1</i>	-0.015273911	0.036196385	0.999737516	1
T2DM	pericyte	<i>HLA-A</i>	-0.00084418	0.037564709	0.999737516	1
T2DM	pericyte	<i>HLA-B</i>	-0.000757992	0.009861565	0.999737516	1
T2DM	pericyte	<i>HLA-C</i>	-0.000921206	0.030804227	0.999737516	1
T2DM	pericyte	<i>HLA-E</i>	-0.001345005	0.011171179	0.999737516	1

T2DM	pericyte	<i>HOPX</i>	-0.007969613	0.043171073	0.999737516	1
T2DM	pericyte	<i>HPS4</i>	0.002208694	0.044403955	0.999737516	1
T2DM	pericyte	<i>HRNR</i>	0.017812483	0.045309337	0.999737516	1
T2DM	pericyte	<i>HSPG2</i>	0.000938687	0.023341575	0.999737516	1
T2DM	pericyte	<i>IFIT5</i>	-0.008798199	0.039889607	0.999737516	1
T2DM	pericyte	<i>IFNAR2</i>	-0.001245375	0.034241251	0.999737516	1
T2DM	pericyte	<i>IL11RA</i>	-0.005256095	0.004869602	0.999737516	1
T2DM	pericyte	<i>IL27RA</i>	-0.0042145	0.006771257	0.999737516	1
T2DM	pericyte	<i>ING5</i>	0.002008249	0.016710348	0.999737516	1
T2DM	pericyte	<i>INPP4A</i>	-0.001054852	0.048495218	0.999737516	1
T2DM	pericyte	<i>ISG20</i>	-0.003683232	0.014814294	0.999737516	1
T2DM	pericyte	<i>ITGA4</i>	-0.00086445	0.025588954	0.999737516	1
T2DM	pericyte	<i>ITGB2</i>	-0.00165466	0.049598166	0.999737516	1
T2DM	pericyte	<i>KCNAB2</i>	-0.001943684	0.027190015	0.999737516	1
T2DM	pericyte	<i>KIAA0040</i>	-0.003508784	0.002874636	0.999737516	1
T2DM	pericyte	<i>KIFC3</i>	-0.004709168	0.026008949	0.999737516	1
T2DM	pericyte	<i>KLKB1</i>	-0.009770159	0.039947941	0.999737516	1
T2DM	pericyte	<i>KXD1</i>	-0.003796643	0.013713987	0.999737516	1
T2DM	pericyte	<i>LAMA4</i>	0.001193132	0.000307294	0.918195835	1
T2DM	pericyte	<i>LAMB1</i>	0.001791933	0.047930548	0.999737516	1
T2DM	pericyte	<i>LAPTM5</i>	-0.002068884	0.021117718	0.999737516	1
T2DM	pericyte	<i>LBH</i>	-0.002637911	0.001870077	0.999737516	1
T2DM	pericyte	<i>LCLAT1</i>	-0.003267674	0.00460475	0.999737516	1
T2DM	pericyte	<i>LDB3</i>	-0.002282301	0.036836847	0.999737516	1
T2DM	pericyte	<i>LDLRAD2</i>	0.005833898	0.037584582	0.999737516	1
T2DM	pericyte	<i>LHCGR</i>	0.012011668	0.031812096	0.999737516	1
T2DM	pericyte	<i>LINC00342</i>	-0.005241566	0.013299758	0.999737516	1
T2DM	pericyte	<i>LINC00702</i>	-0.004421683	0.039440832	0.999737516	1
T2DM	pericyte	<i>LINC01140</i>	-0.010143801	0.037281609	0.999737516	1
T2DM	pericyte	<i>LIPA</i>	-0.004322959	0.017971667	0.999737516	1
T2DM	pericyte	<i>LLGL2</i>	-0.00250878	0.036307773	0.999737516	1
T2DM	pericyte	<i>LMO3</i>	0.001730851	0.018568273	0.999737516	1
T2DM	pericyte	<i>LPCAT1</i>	-0.003119178	0.033300412	0.999737516	1
T2DM	pericyte	<i>LRFN5</i>	0.004229415	0.008397733	0.999737516	1
T2DM	pericyte	<i>MAP3K5</i>	-0.001053326	0.029441846	0.999737516	1
T2DM	pericyte	<i>MAP3K8</i>	-0.001543046	0.023236237	0.999737516	1
T2DM	pericyte	<i>MAPK8</i>	0.001687229	0.025949125	0.999737516	1
T2DM	pericyte	<i>MASPI</i>	0.010177696	0.033317433	0.999737516	1
T2DM	pericyte	<i>MBNL1</i>	-0.000720278	0.013315238	0.999737516	1
T2DM	pericyte	<i>ME3</i>	0.003473013	0.028420006	0.999737516	1
T2DM	pericyte	<i>MFN1</i>	-0.002464572	0.0461575	0.999737516	1
T2DM	pericyte	<i>MFSD12</i>	-0.003006467	0.044557079	0.999737516	1
T2DM	pericyte	<i>MIAT</i>	-0.004175274	0.012394491	0.999737516	1
T2DM	pericyte	<i>MOGAT1</i>	0.006262173	0.018991701	0.999737516	1
T2DM	pericyte	<i>MTPAP</i>	-0.003186667	0.030280727	0.999737516	1
T2DM	pericyte	<i>MYL12A</i>	-0.00336722	0.026506287	0.999737516	1
T2DM	pericyte	<i>NACCI</i>	0.012118435	0.004482281	0.999737516	1
T2DM	pericyte	<i>NINJ1</i>	-0.005084759	0.019338539	0.999737516	1
T2DM	pericyte	<i>NIPAL1</i>	0.002221295	0.020845925	0.999737516	1
T2DM	pericyte	<i>NMRAL1</i>	-0.004976777	0.01435707	0.999737516	1
T2DM	pericyte	<i>NPCI</i>	-0.002223272	0.035185241	0.999737516	1
T2DM	pericyte	<i>NPNT</i>	-0.002608137	0.035126145	0.999737516	1

T2DM	pericyte	<i>NT5DC1</i>	-0.002417738	0.036878786	0.999737516	1
T2DM	pericyte	<i>NTMT1</i>	-0.010245535	0.011014104	0.999737516	1
T2DM	pericyte	<i>NUDT12</i>	0.004525524	0.035145043	0.999737516	1
T2DM	pericyte	<i>NUDT2</i>	0.005271049	0.030171754	0.999737516	1
T2DM	pericyte	<i>NUP54</i>	0.003505287	0.009422444	0.999737516	1
T2DM	pericyte	<i>OAF</i>	0.003006102	0.011335708	0.999737516	1
T2DM	pericyte	<i>OGFR</i>	-0.003459867	0.046412784	0.999737516	1
T2DM	pericyte	<i>OTUD3</i>	0.007566081	0.013393793	0.999737516	1
T2DM	pericyte	<i>PARP8</i>	-0.000732801	0.023191586	0.999737516	1
T2DM	pericyte	<i>PARVG</i>	-0.00294126	0.036090765	0.999737516	1
T2DM	pericyte	<i>PCDHB12</i>	0.015346089	0.047928878	0.999737516	1
T2DM	pericyte	<i>PCGF5</i>	-0.002235423	0.022897631	0.999737516	1
T2DM	pericyte	<i>PCOLCE2</i>	0.001298547	0.010730937	0.999737516	1
T2DM	pericyte	<i>PCSK7</i>	-0.001625589	0.019459013	0.999737516	1
T2DM	pericyte	<i>PHLDB1</i>	0.001751026	0.013746029	0.999737516	1
T2DM	pericyte	<i>PII5</i>	0.050097123	0.001704845	0.999737516	1
T2DM	pericyte	<i>PKN1</i>	-0.002435053	0.037266806	0.999737516	1
T2DM	pericyte	<i>PNKD</i>	0.002430941	0.047037031	0.999737516	1
T2DM	pericyte	<i>PPIA</i>	-0.003969521	0.010722294	0.999737516	1
T2DM	pericyte	<i>PRDM5</i>	0.003393101	0.021012384	0.999737516	1
T2DM	pericyte	<i>PRKD2</i>	-0.002827562	0.002024308	0.999737516	1
T2DM	pericyte	<i>PRMT6</i>	-0.01299352	0.042077187	0.999737516	1
T2DM	pericyte	<i>PRSS23</i>	0.00087195	0.047391903	0.999737516	1
T2DM	pericyte	<i>PSMB9</i>	-0.001828562	0.037713395	0.999737516	1
T2DM	pericyte	<i>PTH2R</i>	0.003946226	0.023553265	0.999737516	1
T2DM	pericyte	<i>PTPRS</i>	0.00142438	0.025079919	0.999737516	1
T2DM	pericyte	<i>RABGAP1L</i>	-0.000713697	0.011578465	0.999737516	1
T2DM	pericyte	<i>RAP1A</i>	-0.001510108	0.012621478	0.999737516	1
T2DM	pericyte	<i>RBBP4</i>	-0.002158184	0.042085908	0.999737516	1
T2DM	pericyte	<i>RCSD1</i>	-0.000960618	0.019601082	0.999737516	1
T2DM	pericyte	<i>RFX8</i>	0.01059346	0.006942153	0.999737516	1
T2DM	pericyte	<i>RGS19</i>	-0.003932635	0.045311088	0.999737516	1
T2DM	pericyte	<i>RGS7BP</i>	-0.011225621	0.002185979	0.999737516	1
T2DM	pericyte	<i>RHOBTB3</i>	0.001219643	0.013148419	0.999737516	1
T2DM	pericyte	<i>RNF213</i>	-0.001008351	0.023949461	0.999737516	1
T2DM	pericyte	<i>RPL8</i>	-0.002534228	0.011813836	0.999737516	1
T2DM	pericyte	<i>RPS6KL1</i>	0.005722508	0.027873224	0.999737516	1
T2DM	pericyte	<i>RRP15</i>	0.003257426	0.025279595	0.999737516	1
T2DM	pericyte	<i>SI00A10</i>	0.001108364	0.043559534	0.999737516	1
T2DM	pericyte	<i>SDCCAG8</i>	0.000915074	0.040016917	0.999737516	1
T2DM	pericyte	<i>SENP3</i>	-0.012370971	0.008615785	0.999737516	1
T2DM	pericyte	<i>SENP6</i>	-0.00117155	0.024217202	0.999737516	1
T2DM	pericyte	<i>SERGEF</i>	-0.002109875	0.02798431	0.999737516	1
T2DM	pericyte	<i>SERPINI1</i>	-0.003726185	0.037273906	0.999737516	1
T2DM	pericyte	<i>SHB</i>	0.018960098	0.036097043	0.999737516	1
T2DM	pericyte	<i>SLC25A3</i>	-0.003970836	0.023409716	0.999737516	1
T2DM	pericyte	<i>SLC38A11</i>	-0.001918409	0.044306801	0.999737516	1
T2DM	pericyte	<i>SLC41A2</i>	0.004093226	0.001430854	0.999737516	1
T2DM	pericyte	<i>SLC44A2</i>	-0.002000837	0.039761796	0.999737516	1
T2DM	pericyte	<i>SLC6A16</i>	-0.004012759	0.013975862	0.999737516	1
T2DM	pericyte	<i>SMG7</i>	-0.001834654	0.048872564	0.999737516	1
T2DM	pericyte	<i>SNX27</i>	-0.002439232	0.01432008	0.999737516	1

T2DM	pericyte	<i>SOS1</i>	-0.0010826	0.046728554	0.999737516	1
T2DM	pericyte	<i>SP110</i>	-0.001631926	0.019917897	0.999737516	1
T2DM	pericyte	<i>SPDYE1</i>	-0.007899185	0.049676884	0.999737516	1
T2DM	pericyte	<i>SPRTN</i>	-0.003450544	0.025142728	0.999737516	1
T2DM	pericyte	<i>SPTBN1</i>	0.000651577	0.032858275	0.999737516	1
T2DM	pericyte	<i>SRGAP1</i>	0.002155811	0.00278391	0.999737516	1
T2DM	pericyte	<i>SRL</i>	-0.007600862	0.047435164	0.999737516	1
T2DM	pericyte	<i>ST3GAL6</i>	0.004084763	0.000291328	0.918195835	1
T2DM	pericyte	<i>STEAP2</i>	0.004963742	0.02341703	0.999737516	1
T2DM	pericyte	<i>STON1-GTF2A1L</i>	0.007446017	0.028128045	0.999737516	1
T2DM	pericyte	<i>SUSD2</i>	-0.021877117	0.001974629	0.999737516	1
T2DM	pericyte	<i>SYNGR2</i>	0.00309516	0.049494046	0.999737516	1
T2DM	pericyte	<i>TBC1D10C</i>	-0.002908414	0.030575516	0.999737516	1
T2DM	pericyte	<i>TCP11</i>	-0.030449322	0.00489546	0.999737516	1
T2DM	pericyte	<i>TEKT5</i>	-0.024124472	0.045865315	0.999737516	1
T2DM	pericyte	<i>TEX261</i>	-0.004935462	0.030687817	0.999737516	1
T2DM	pericyte	<i>TGOLN2</i>	-0.001542921	0.046671354	0.999737516	1
T2DM	pericyte	<i>TIPIN</i>	0.006334633	0.009455987	0.999737516	1
T2DM	pericyte	<i>TK2</i>	0.003992271	0.036630274	0.999737516	1
T2DM	pericyte	<i>TLN1</i>	-0.002488633	0.038347947	0.999737516	1
T2DM	pericyte	<i>TMC6</i>	-0.002984144	0.032889191	0.999737516	1
T2DM	pericyte	<i>TMEM2</i>	-0.001882302	0.012146699	0.999737516	1
T2DM	pericyte	<i>TMEM241</i>	0.001865575	0.046974715	0.999737516	1
T2DM	pericyte	<i>TMEM9</i>	0.007286144	0.031953712	0.999737516	1
T2DM	pericyte	<i>TNFSF12</i>	-0.008679819	0.040656237	0.999737516	1
T2DM	pericyte	<i>TRAPPC12</i>	-0.002188477	0.02199487	0.999737516	1
T2DM	pericyte	<i>TRPC3</i>	-0.010418709	0.018793651	0.999737516	1
T2DM	pericyte	<i>TSHZ2</i>	0.000520498	0.021142815	0.999737516	1
T2DM	pericyte	<i>UBA52</i>	-0.001951143	0.007085894	0.999737516	1
T2DM	pericyte	<i>WASF3</i>	0.002124204	0.049077546	0.999737516	1
T2DM	pericyte	<i>WDR37</i>	-0.001823962	0.037561898	0.999737516	1
T2DM	pericyte	<i>WDR41</i>	0.002758277	0.038832588	0.999737516	1
T2DM	pericyte	<i>WIF1</i>	-0.076881668	0.007892601	0.999737516	1
T2DM	pericyte	<i>WIPF1</i>	-0.000830001	0.043533356	0.999737516	1
T2DM	pericyte	<i>WTIP</i>	-0.002344544	0.030949795	0.999737516	1
T2DM	pericyte	<i>XRCC5</i>	-0.002144602	0.022385113	0.999737516	1
T2DM	pericyte	<i>ZDHHC2</i>	-0.002754734	0.04855155	0.999737516	1
T2DM	pericyte	<i>ZFHX4</i>	0.001849695	0.025276803	0.999737516	1
T2DM	pericyte	<i>ZNF100</i>	0.002011285	0.044252815	0.999737516	1
T2DM	pericyte	<i>ZNF232</i>	-0.01425737	0.038814217	0.999737516	1
T2DM	pericyte	<i>ZNF33A</i>	-0.002551493	0.024833612	0.999737516	1
T2DM	pericyte	<i>ZFP57</i>	-0.003466101	0.044654654	0.999737516	1
T2DM	pericyte	<i>IRX5</i>	0.01755922	0.026066795	0.999737516	1
T2DM	pericyte	<i>SLC25A48</i>	-0.039959801	0.04812169	0.999737516	1
T2DM	pericyte	<i>URAD</i>	-0.026136638	0.017747081	0.999737516	1
T2DM	pericyte	<i>KRT77</i>	-0.002793032	0.024683319	0.999737516	1
HTN	adipocyte	<i>ABCB1</i>	-0.005688159	0.038192948	0.747155537	1
HTN	adipocyte	<i>ABCB4</i>	-0.005367156	0.027963447	0.685682365	1
HTN	adipocyte	<i>AC067945.3</i>	-0.014678123	0.001949878	0.500227804	1
HTN	adipocyte	<i>ACER3</i>	0.002199167	0.003185646	0.500227804	1
HTN	adipocyte	<i>ACOT11</i>	0.006716905	0.009574129	0.589845302	1
HTN	adipocyte	<i>ACSM1</i>	-0.018376591	0.036747388	0.7469469	1

HTN	adipocyte	<i>ADAM19</i>	-0.002314539	0.037351827	0.747155537	1
HTN	adipocyte	<i>ADH1B</i>	0.001986935	0.021527936	0.670635205	1
HTN	adipocyte	<i>ADSS</i>	-0.00682521	0.005173464	0.500227804	1
HTN	adipocyte	<i>AGO2</i>	-0.004951901	0.049232531	0.788137581	1
HTN	adipocyte	<i>AGTPBP1</i>	-0.002370552	0.029991806	0.704102868	1
HTN	adipocyte	<i>AIP</i>	-0.014856095	0.023960042	0.670635205	1
HTN	adipocyte	<i>ALS2</i>	0.002767413	0.023381744	0.670635205	1
HTN	adipocyte	<i>AMPH</i>	-0.006222272	0.016889211	0.670635205	1
HTN	adipocyte	<i>ANKRD44</i>	-0.00098232	0.009287715	0.589008942	1
HTN	adipocyte	<i>AP1G2</i>	-0.009561304	0.025718069	0.671140527	1
HTN	adipocyte	<i>AP3B2</i>	-0.025027523	0.004529091	0.500227804	1
HTN	adipocyte	<i>APOBEC3D</i>	-0.027099413	0.003728942	0.500227804	1
HTN	adipocyte	<i>ARHGAP9</i>	-0.005383707	0.01766971	0.670635205	1
HTN	adipocyte	<i>ARHGDIB</i>	-0.003950294	0.004012326	0.500227804	1
HTN	adipocyte	<i>ARL6IP1</i>	-0.006547328	0.021298145	0.670635205	1
HTN	adipocyte	<i>ARPC2</i>	-0.0023205	0.003003979	0.500227804	1
HTN	adipocyte	<i>ARRDC1</i>	-0.010775986	0.035881205	0.734335896	1
HTN	adipocyte	<i>ARSG</i>	-0.003263837	0.037332496	0.747155537	1
HTN	adipocyte	<i>ATIC</i>	-0.011588059	0.019456408	0.670635205	1
HTN	adipocyte	<i>ATP1B1</i>	0.006986753	0.024168076	0.670635205	1
HTN	adipocyte	<i>ATP2A3</i>	-0.003825646	0.007712363	0.56676933	1
HTN	adipocyte	<i>ATP6V1D</i>	0.00784103	0.018681845	0.670635205	1
HTN	adipocyte	<i>ATP8A1</i>	-0.003234396	0.001122962	0.500227804	1
HTN	adipocyte	<i>ATR</i>	-0.002279848	0.039676527	0.759958088	1
HTN	adipocyte	<i>BLK</i>	-0.002691746	0.014665806	0.669529548	1
HTN	adipocyte	<i>BLOC1S1</i>	-0.009865793	0.008157881	0.566877883	1
HTN	adipocyte	<i>BMPRIA</i>	0.001774261	0.013292587	0.645825201	1
HTN	adipocyte	<i>BTN3A1</i>	-0.003787429	0.012003257	0.630270052	1
HTN	adipocyte	<i>BTN3A2</i>	-0.006103595	0.005815524	0.507222261	1
HTN	adipocyte	<i>C16orf91</i>	-0.021523633	0.018645654	0.670635205	1
HTN	adipocyte	<i>C19orf48</i>	-0.016245048	0.04784358	0.784062098	1
HTN	adipocyte	<i>C19orf71</i>	-0.018158077	0.015256926	0.670635205	1
HTN	adipocyte	<i>C1QTNF7</i>	0.003850865	0.031249086	0.70469637	1
HTN	adipocyte	<i>C21orf33</i>	-0.048220304	0.02628946	0.671550298	1
HTN	adipocyte	<i>C2CD2</i>	0.003858116	0.046776614	0.784062098	1
HTN	adipocyte	<i>CACNA2D1</i>	0.001578723	0.031710855	0.707182572	1
HTN	adipocyte	<i>CALR</i>	-0.004323717	0.006831473	0.516770666	1
HTN	adipocyte	<i>CAMSAP3</i>	-0.034467417	0.037209174	0.747155537	1
HTN	adipocyte	<i>CAPN8</i>	-0.030167124	0.033830827	0.714392313	1
HTN	adipocyte	<i>CARS</i>	-0.008467185	0.022013823	0.670635205	1
HTN	adipocyte	<i>CASP8</i>	-0.002826279	0.018261362	0.670635205	1
HTN	adipocyte	<i>CBR3</i>	0.008144048	0.013093225	0.645015967	1
HTN	adipocyte	<i>CCDC158</i>	0.015508253	0.043712694	0.784062098	1
HTN	adipocyte	<i>CCDC8</i>	-0.022067835	0.020571252	0.670635205	1
HTN	adipocyte	<i>CCDC84</i>	-0.002555541	0.047909388	0.784062098	1
HTN	adipocyte	<i>CCDC88C</i>	-0.002618633	0.002493922	0.500227804	1
HTN	adipocyte	<i>CD37</i>	-0.003386969	0.022203733	0.670635205	1
HTN	adipocyte	<i>CD38</i>	-0.005784081	0.016365716	0.670635205	1
HTN	adipocyte	<i>CD5</i>	-0.008492044	0.005675402	0.507222261	1
HTN	adipocyte	<i>CD52</i>	-0.005151977	0.009410649	0.589008942	1
HTN	adipocyte	<i>CD79B</i>	-0.005898212	0.02484046	0.670635205	1
HTN	adipocyte	<i>CDC25B</i>	-0.012087449	0.006128272	0.507222261	1

HTN	adipocyte	<i>CDC42SE1</i>	-0.004293207	0.00912055	0.589008942	1
HTN	adipocyte	<i>CDC42SE2</i>	-0.001104642	0.044792424	0.784062098	1
HTN	adipocyte	<i>CEACAM21</i>	-0.005683875	0.022482699	0.670635205	1
HTN	adipocyte	<i>CENPK</i>	-0.00725423	0.020662934	0.670635205	1
HTN	adipocyte	<i>CEP104</i>	-0.006834491	0.005510164	0.507222261	1
HTN	adipocyte	<i>CHST12</i>	-0.005599134	0.010238304	0.607859254	1
HTN	adipocyte	<i>CLEC2D</i>	-0.001535823	0.022057147	0.670635205	1
HTN	adipocyte	<i>CLIC3</i>	-0.014540805	0.011819551	0.630270052	1
HTN	adipocyte	<i>CLN8</i>	-0.006971956	0.023539101	0.670635205	1
HTN	adipocyte	<i>CLSTN3</i>	-0.014384668	0.013157372	0.645015967	1
HTN	adipocyte	<i>CMTR2</i>	0.003877233	0.048308237	0.784062098	1
HTN	adipocyte	<i>CNOT6L</i>	-0.002693597	0.015403719	0.670635205	1
HTN	adipocyte	<i>CNRIP1</i>	0.004463798	0.024173206	0.670635205	1
HTN	adipocyte	<i>CNTN2</i>	0.02587978	0.041431341	0.768924513	1
HTN	adipocyte	<i>COL4A4</i>	-0.008920715	0.030950419	0.704102868	1
HTN	adipocyte	<i>COL8A1</i>	0.003645958	0.043656518	0.784062098	1
HTN	adipocyte	<i>CORO1A</i>	-0.007619645	0.004165847	0.500227804	1
HTN	adipocyte	<i>CPT2</i>	-0.007317883	0.015658387	0.670635205	1
HTN	adipocyte	<i>CRLF3</i>	-0.003724749	0.043725887	0.784062098	1
HTN	adipocyte	<i>CTNNA1</i>	0.004354877	0.003022282	0.500227804	1
HTN	adipocyte	<i>CTSF</i>	-0.008671241	0.04731056	0.784062098	1
HTN	adipocyte	<i>CTSW</i>	-0.004414031	0.024899774	0.670635205	1
HTN	adipocyte	<i>CTTNBP2</i>	0.003682895	0.012971492	0.645015967	1
HTN	adipocyte	<i>CUL3</i>	-0.003001159	0.034858574	0.723315414	1
HTN	adipocyte	<i>CYBA</i>	-0.002906112	0.000860324	0.500227804	1
HTN	adipocyte	<i>CYTH1</i>	-0.001874411	0.006258638	0.507222261	1
HTN	adipocyte	<i>DBNDD2</i>	-0.034865992	0.017635228	0.670635205	1
HTN	adipocyte	<i>DBNL</i>	-0.006631979	0.020480685	0.670635205	1
HTN	adipocyte	<i>DCHS1</i>	-0.009288516	0.011761042	0.630270052	1
HTN	adipocyte	<i>DDX23</i>	-0.007458307	0.045766634	0.784062098	1
HTN	adipocyte	<i>DENND4C</i>	0.002486542	0.019574073	0.670635205	1
HTN	adipocyte	<i>DGCR2</i>	-0.004705215	0.037713461	0.747155537	1
HTN	adipocyte	<i>DIRC3</i>	0.002705655	0.001972428	0.500227804	1
HTN	adipocyte	<i>DNAJC10</i>	-0.002706824	0.045552458	0.784062098	1
HTN	adipocyte	<i>DNPEP</i>	0.013403245	0.00805791	0.566877883	1
HTN	adipocyte	<i>DTNB</i>	-0.004459866	0.02369859	0.670635205	1
HTN	adipocyte	<i>ECM2</i>	0.00291025	0.047808567	0.784062098	1
HTN	adipocyte	<i>EIF4G3</i>	-0.002560687	0.02772942	0.685682365	1
HTN	adipocyte	<i>EMB</i>	-0.002068636	0.047910522	0.784062098	1
HTN	adipocyte	<i>ENPP3</i>	0.002711295	0.026256668	0.671550298	1
HTN	adipocyte	<i>EPB41</i>	-0.002184139	0.00642453	0.511906552	1
HTN	adipocyte	<i>EPHB6</i>	0.017801421	0.004088596	0.500227804	1
HTN	adipocyte	<i>EPS8L1</i>	-0.051195352	0.031774606	0.707182572	1
HTN	adipocyte	<i>ERCC1</i>	0.003445826	0.022822011	0.670635205	1
HTN	adipocyte	<i>ERCC6</i>	0.004261965	0.028736829	0.689683904	1
HTN	adipocyte	<i>ERMARD</i>	-0.008416652	0.048174896	0.784062098	1
HTN	adipocyte	<i>EVL</i>	-0.002710347	0.005926546	0.507222261	1
HTN	adipocyte	<i>EXOC6B</i>	0.001500046	0.015970177	0.670635205	1
HTN	adipocyte	<i>FAHD1</i>	-0.014710092	0.038746328	0.750496534	1
HTN	adipocyte	<i>FAM114A1</i>	0.005073592	0.015407605	0.670635205	1
HTN	adipocyte	<i>FAM117B</i>	-0.00346822	0.048309403	0.784062098	1
HTN	adipocyte	<i>FAM13A</i>	0.002114932	0.039904508	0.760998565	1

HTN	adipocyte	<i>FAM169A</i>	-0.006124987	0.033174437	0.710992564	1
HTN	adipocyte	<i>FAM19A1</i>	-0.003225467	0.016546984	0.670635205	1
HTN	adipocyte	<i>FCHSD1</i>	-0.006875101	0.04681891	0.784062098	1
HTN	adipocyte	<i>FCRL3</i>	-0.004550146	0.012036872	0.630270052	1
HTN	adipocyte	<i>FGFBP2</i>	-0.006317927	0.017981003	0.670635205	1
HTN	adipocyte	<i>FMN1</i>	0.002092885	0.019750222	0.670635205	1
HTN	adipocyte	<i>FREMI</i>	0.002754223	0.008935113	0.58677179	1
HTN	adipocyte	<i>FXYD5</i>	-0.005604842	0.028059676	0.685682365	1
HTN	adipocyte	<i>GABPB2</i>	-0.003552606	0.033492013	0.712271421	1
HTN	adipocyte	<i>GHR</i>	0.001533822	0.033391007	0.712271421	1
HTN	adipocyte	<i>GIMAP1</i>	-0.010968316	0.002047482	0.500227804	1
HTN	adipocyte	<i>GIMAP4</i>	-0.007316806	0.014830185	0.670635205	1
HTN	adipocyte	<i>GLIPR1</i>	-0.003833585	0.024217017	0.670635205	1
HTN	adipocyte	<i>GLRX</i>	0.00285157	0.032253806	0.707182572	1
HTN	adipocyte	<i>GNLY</i>	-0.001110471	0.03369566	0.714061214	1
HTN	adipocyte	<i>GOLGA8M</i>	0.021168472	0.024444216	0.670635205	1
HTN	adipocyte	<i>GOLIM4</i>	0.0088976	0.000256433	0.46991396	1
HTN	adipocyte	<i>GPHN</i>	0.002273391	0.011793809	0.630270052	1
HTN	adipocyte	<i>GPR132</i>	-0.004191803	0.047989662	0.784062098	1
HTN	adipocyte	<i>GPR19</i>	-0.02175355	0.026801134	0.67336597	1
HTN	adipocyte	<i>GPX7</i>	-0.008241072	0.025177085	0.670635205	1
HTN	adipocyte	<i>GSK3B</i>	-0.002841675	0.047672258	0.784062098	1
HTN	adipocyte	<i>GSTM2</i>	0.008000317	0.025368004	0.670635205	1
HTN	adipocyte	<i>HAUS8</i>	-0.007690552	0.044029216	0.784062098	1
HTN	adipocyte	<i>HDAC4</i>	0.002448895	0.007802407	0.56676933	1
HTN	adipocyte	<i>HEXDC</i>	-0.003860565	0.040448046	0.763228693	1
HTN	adipocyte	<i>HIPK4</i>	-0.032311086	0.048097709	0.784062098	1
HTN	adipocyte	<i>HIST1H3E</i>	-0.025720768	0.001400098	0.500227804	1
HTN	adipocyte	<i>HLA-A</i>	-0.001970025	0.004875374	0.500227804	1
HTN	adipocyte	<i>HLA-B</i>	-0.001558495	0.002067422	0.500227804	1
HTN	adipocyte	<i>HLA-C</i>	-0.002606262	0.000393168	0.46991396	1
HTN	adipocyte	<i>HLA-E</i>	-0.002669596	0.003487734	0.500227804	1
HTN	adipocyte	<i>HLA-F</i>	-0.004563729	0.008784274	0.583275788	1
HTN	adipocyte	<i>HMGN2</i>	0.006849275	0.045376498	0.784062098	1
HTN	adipocyte	<i>HPGDS</i>	0.00231828	0.00285258	0.500227804	1
HTN	adipocyte	<i>HRK</i>	-0.023972813	0.020966264	0.670635205	1
HTN	adipocyte	<i>ICAM3</i>	-0.013089921	0.000311577	0.46991396	1
HTN	adipocyte	<i>IFITM2</i>	-0.00676493	0.010249969	0.607859254	1
HTN	adipocyte	<i>IFNAR1</i>	-0.006584775	0.000333744	0.46991396	1
HTN	adipocyte	<i>IFNAR2</i>	-0.002426636	0.016671388	0.670635205	1
HTN	adipocyte	<i>IKBIP</i>	-0.0033108	0.020506046	0.670635205	1
HTN	adipocyte	<i>IKBKE</i>	-0.015182482	0.004512114	0.500227804	1
HTN	adipocyte	<i>IKZF3</i>	-0.002068771	0.004863209	0.500227804	1
HTN	adipocyte	<i>IL32</i>	-0.005475319	0.032052463	0.707182572	1
HTN	adipocyte	<i>INPP4A</i>	-0.002650398	0.004014443	0.500227804	1
HTN	adipocyte	<i>IRF6</i>	-0.03425815	0.026817453	0.67336597	1
HTN	adipocyte	<i>ISG20</i>	-0.007092158	0.006280865	0.507222261	1
HTN	adipocyte	<i>ITGA4</i>	-0.001585782	0.017516284	0.670635205	1
HTN	adipocyte	<i>ITGAV</i>	0.003019066	0.032124753	0.707182572	1
HTN	adipocyte	<i>ITGB2</i>	-0.003185812	0.02828435	0.685682365	1
HTN	adipocyte	<i>KHNYN</i>	-0.008253372	0.009201148	0.589008942	1
HTN	adipocyte	<i>KLRD1</i>	-0.001721266	0.041150083	0.766192363	1

HTN	adipocyte	<i>L3MBTL3</i>	-0.003815851	0.032424368	0.707182572	1
HTN	adipocyte	<i>LACC1</i>	0.01308678	0.022592649	0.670635205	1
HTN	adipocyte	<i>LAMTOR4</i>	-0.006028597	0.028078694	0.685682365	1
HTN	adipocyte	<i>LAPTM5</i>	-0.003051388	0.048930456	0.788137581	1
HTN	adipocyte	<i>LINC00484</i>	-0.015751126	0.002124842	0.500227804	1
HTN	adipocyte	<i>LINC00926</i>	-0.003317685	0.018203862	0.670635205	1
HTN	adipocyte	<i>LLGL2</i>	-0.004752326	0.021405609	0.670635205	1
HTN	adipocyte	<i>LMAN1</i>	0.003949247	0.020821226	0.670635205	1
HTN	adipocyte	<i>LPCAT1</i>	-0.005944649	0.018605475	0.670635205	1
HTN	adipocyte	<i>LPCAT2</i>	0.003196954	0.034045787	0.716375787	1
HTN	adipocyte	<i>LRMP</i>	-0.002677798	0.005798243	0.507222261	1
HTN	adipocyte	<i>LRP1B</i>	0.00236815	0.002395341	0.500227804	1
HTN	adipocyte	<i>MALRD1</i>	0.006930575	0.037967412	0.747155537	1
HTN	adipocyte	<i>MAP3K5</i>	-0.00252047	0.002489789	0.500227804	1
HTN	adipocyte	<i>MDGA1</i>	-0.015437049	0.011802663	0.630270052	1
HTN	adipocyte	<i>ME3</i>	0.006844168	0.012128691	0.630270052	1
HTN	adipocyte	<i>MEI1</i>	-0.010645002	0.023370296	0.670635205	1
HTN	adipocyte	<i>MLXIPL</i>	0.003475979	0.006084421	0.507222261	1
HTN	adipocyte	<i>MPZL3</i>	-0.005399024	0.034164508	0.716375787	1
HTN	adipocyte	<i>MRAS</i>	0.006486408	0.022432303	0.670635205	1
HTN	adipocyte	<i>MRPL34</i>	-0.007375924	0.04764306	0.784062098	1
HTN	adipocyte	<i>MTG1</i>	-0.01280185	0.022001907	0.670635205	1
HTN	adipocyte	<i>MTHFD1</i>	0.005216269	0.047484277	0.784062098	1
HTN	adipocyte	<i>MYBBP1A</i>	-0.010011978	0.033049194	0.710992564	1
HTN	adipocyte	<i>MYBL1</i>	-0.001985513	0.024010658	0.670635205	1
HTN	adipocyte	<i>MYL12A</i>	-0.007316848	0.005248234	0.500227804	1
HTN	adipocyte	<i>MYO1F</i>	-0.000794062	0.038223774	0.747155537	1
HTN	adipocyte	<i>NCOA6</i>	-0.002719177	0.020660764	0.670635205	1
HTN	adipocyte	<i>NDE1</i>	-0.002318567	0.03077328	0.704102868	1
HTN	adipocyte	<i>NDST1</i>	0.008577879	0.028967254	0.69243324	1
HTN	adipocyte	<i>NDUFA6</i>	-0.007816942	0.018672695	0.670635205	1
HTN	adipocyte	<i>NDUFB10</i>	-0.00695099	0.04954843	0.788137581	1
HTN	adipocyte	<i>NEK11</i>	0.005658307	0.008155792	0.566877883	1
HTN	adipocyte	<i>NFIA</i>	0.001268978	0.02272092	0.670635205	1
HTN	adipocyte	<i>NMRAL1</i>	-0.007846737	0.024894614	0.670635205	1
HTN	adipocyte	<i>NNT</i>	0.005405867	0.004922127	0.500227804	1
HTN	adipocyte	<i>NPC1</i>	-0.004390048	0.015758621	0.670635205	1
HTN	adipocyte	<i>NPHP4</i>	0.014087707	0.002011422	0.500227804	1
HTN	adipocyte	<i>NSA2</i>	-0.007132485	0.043671522	0.784062098	1
HTN	adipocyte	<i>NSUN7</i>	-0.012248963	0.040112876	0.760998565	1
HTN	adipocyte	<i>NUAK2</i>	-0.013245203	0.006723891	0.515153498	1
HTN	adipocyte	<i>NUP54</i>	-0.005924597	0.010578541	0.607859254	1
HTN	adipocyte	<i>NUP62</i>	-0.010025126	0.030400682	0.704102868	1
HTN	adipocyte	<i>NUP88</i>	-0.003424025	0.017732777	0.670635205	1
HTN	adipocyte	<i>ODF2</i>	0.004199896	0.035448457	0.733010304	1
HTN	adipocyte	<i>ORAI2</i>	-0.007461619	0.004497532	0.500227804	1
HTN	adipocyte	<i>OSBPL10</i>	-0.001323686	0.045079203	0.784062098	1
HTN	adipocyte	<i>OSBPL3</i>	-0.002591446	0.025658813	0.671140527	1
HTN	adipocyte	<i>P2RY11</i>	-0.02728852	0.028208212	0.685682365	1
HTN	adipocyte	<i>PACSI</i>	-0.00132342	0.045869389	0.784062098	1
HTN	adipocyte	<i>PAQR5</i>	0.004073173	0.030113747	0.704102868	1
HTN	adipocyte	<i>PARK7</i>	-0.004970984	0.020723042	0.670635205	1

HTN	adipocyte	<i>PARP14</i>	-0.002242214	0.036622545	0.7469469	1
HTN	adipocyte	<i>PARP15</i>	-0.003238683	0.010483816	0.607859254	1
HTN	adipocyte	<i>PARP8</i>	-0.001678753	0.002535807	0.500227804	1
HTN	adipocyte	<i>PATL2</i>	-0.00639823	0.002466892	0.500227804	1
HTN	adipocyte	<i>PBX1</i>	0.001369223	0.019672119	0.670635205	1
HTN	adipocyte	<i>PCSK7</i>	-0.002710783	0.023776735	0.670635205	1
HTN	adipocyte	<i>PDCD1LG2</i>	0.012901132	0.007747188	0.56676933	1
HTN	adipocyte	<i>PHLDB1</i>	0.003036876	0.013167997	0.645015967	1
HTN	adipocyte	<i>PHLPP2</i>	-0.007857098	0.021373676	0.670635205	1
HTN	adipocyte	<i>PII6</i>	0.003302233	0.004070924	0.500227804	1
HTN	adipocyte	<i>PIGO</i>	-0.01063953	0.026382946	0.671550298	1
HTN	adipocyte	<i>PIPOX</i>	-0.030000368	0.007871796	0.56676933	1
HTN	adipocyte	<i>PIWIL2</i>	0.01314326	0.011998764	0.630270052	1
HTN	adipocyte	<i>PLEKHA3</i>	-0.006695221	0.023342828	0.670635205	1
HTN	adipocyte	<i>PLRG1</i>	-0.007671725	0.001049491	0.500227804	1
HTN	adipocyte	<i>POLB</i>	-0.007293263	0.013946514	0.666754936	1
HTN	adipocyte	<i>POLK</i>	0.003747038	0.041753256	0.772499864	1
HTN	adipocyte	<i>PPMIK</i>	-0.004191413	0.045189408	0.784062098	1
HTN	adipocyte	<i>PPP2R1A</i>	-0.010705861	0.024091459	0.670635205	1
HTN	adipocyte	<i>PRKD2</i>	-0.003658361	0.021178006	0.670635205	1
HTN	adipocyte	<i>PRKG2</i>	0.003985692	0.020297223	0.670635205	1
HTN	adipocyte	<i>PRRC2C</i>	-0.002217073	0.040985096	0.766192363	1
HTN	adipocyte	<i>PSAP</i>	0.001624719	0.037940718	0.747155537	1
HTN	adipocyte	<i>PSMB3</i>	-0.011631313	0.021382622	0.670635205	1
HTN	adipocyte	<i>PSMB9</i>	-0.003000029	0.047999011	0.784062098	1
HTN	adipocyte	<i>PSTPIP1</i>	-0.006747058	0.004797808	0.500227804	1
HTN	adipocyte	<i>PTCH1</i>	-0.00807108	0.022528505	0.670635205	1
HTN	adipocyte	<i>PTGDR</i>	-0.00388005	0.019392215	0.670635205	1
HTN	adipocyte	<i>PTGER3</i>	0.001861099	0.014648908	0.669529548	1
HTN	adipocyte	<i>PTGR1</i>	0.005490989	0.035759162	0.734335896	1
HTN	adipocyte	<i>PUS10</i>	-0.006703071	0.012326144	0.635008953	1
HTN	adipocyte	<i>PYHIN1</i>	-0.001926815	0.004900977	0.500227804	1
HTN	adipocyte	<i>RABGAP1L</i>	-0.001580018	0.001180408	0.500227804	1
HTN	adipocyte	<i>RAP1A</i>	-0.00230222	0.027435037	0.685682365	1
HTN	adipocyte	<i>RBCK1</i>	-0.009538218	0.005273486	0.500227804	1
HTN	adipocyte	<i>RBFA</i>	-0.008545813	0.006549908	0.515029628	1
HTN	adipocyte	<i>RBM8A</i>	-0.008445511	0.034796856	0.723315414	1
HTN	adipocyte	<i>RCHY1</i>	-0.005026029	0.002480037	0.500227804	1
HTN	adipocyte	<i>RCSD1</i>	-0.002004696	0.004740429	0.500227804	1
HTN	adipocyte	<i>REXO1</i>	-0.005563593	0.032008313	0.707182572	1
HTN	adipocyte	<i>RFC4</i>	-0.01230815	0.009461991	0.589008942	1
HTN	adipocyte	<i>RGCC</i>	0.00323573	0.034582786	0.72261094	1
HTN	adipocyte	<i>RGS19</i>	-0.008927102	0.008259582	0.567340506	1
HTN	adipocyte	<i>RGS9</i>	-0.009113907	0.02834062	0.685682365	1
HTN	adipocyte	<i>RHBDF2</i>	-0.003507078	0.014119289	0.667880622	1
HTN	adipocyte	<i>RHOBTB3</i>	0.002170047	0.010453624	0.607859254	1
HTN	adipocyte	<i>RNF157</i>	-0.008518859	0.004635472	0.500227804	1
HTN	adipocyte	<i>RNF167</i>	-0.008791753	0.015277521	0.670635205	1
HTN	adipocyte	<i>RNF213</i>	-0.001616188	0.035649983	0.734335896	1
HTN	adipocyte	<i>RPL28</i>	-0.004389102	0.005092329	0.500227804	1
HTN	adipocyte	<i>RPL29</i>	-0.004334933	0.024070746	0.670635205	1
HTN	adipocyte	<i>RPS10</i>	-0.019387712	0.02366893	0.670635205	1

HTN	adipocyte	<i>RPS11</i>	-0.003245179	0.010948666	0.623135483	1
HTN	adipocyte	<i>RPS3</i>	-0.003715714	0.029565765	0.69835972	1
HTN	adipocyte	<i>RPS8</i>	-0.004117878	0.03319393	0.710992564	1
HTN	adipocyte	<i>RPSA</i>	-0.006807246	0.020596333	0.670635205	1
HTN	adipocyte	<i>SI00A3</i>	0.079512908	0.043920285	0.784062098	1
HTN	adipocyte	<i>SAMD14</i>	0.02322249	0.006113093	0.507222261	1
HTN	adipocyte	<i>SAMD9</i>	-0.005631849	0.020048751	0.670635205	1
HTN	adipocyte	<i>SAR1A</i>	0.004647706	0.030584628	0.704102868	1
HTN	adipocyte	<i>SAYS1</i>	-0.010751846	0.03217932	0.707182572	1
HTN	adipocyte	<i>SCGN</i>	-0.026689319	0.009762582	0.595318274	1
HTN	adipocyte	<i>SEL1L3</i>	-0.001542072	0.028582728	0.688751539	1
HTN	adipocyte	<i>SEMA4D</i>	-0.002051124	0.021178252	0.670635205	1
HTN	adipocyte	<i>SENP3</i>	-0.016848911	0.037618057	0.747155537	1
HTN	adipocyte	<i>Sep-01</i>	-0.007154902	0.048129166	0.784062098	1
HTN	adipocyte	<i>SERF1B</i>	-0.081093421	0.0328939	0.710992564	1
HTN	adipocyte	<i>SGSH</i>	0.011407107	0.032360985	0.707182572	1
HTN	adipocyte	<i>SH2D3A</i>	-0.009238468	0.025239836	0.670635205	1
HTN	adipocyte	<i>SH3BP1</i>	-0.009361903	0.038281614	0.747155537	1
HTN	adipocyte	<i>SLC18A2</i>	0.00160929	0.044412013	0.784062098	1
HTN	adipocyte	<i>SLC20A1</i>	-0.004767073	0.025269964	0.670635205	1
HTN	adipocyte	<i>SLC35F2</i>	-0.009037806	0.040485859	0.763228693	1
HTN	adipocyte	<i>SLC37A4</i>	-0.012982326	0.021370061	0.670635205	1
HTN	adipocyte	<i>SLC39A12</i>	-0.022870965	0.017241325	0.670635205	1
HTN	adipocyte	<i>SLC44A2</i>	-0.004942642	0.003237045	0.500227804	1
HTN	adipocyte	<i>SLC6A16</i>	-0.006190327	0.027728192	0.685682365	1
HTN	adipocyte	<i>SLC9A3R1</i>	-0.00684934	0.021344662	0.670635205	1
HTN	adipocyte	<i>SLFN12L</i>	-0.002102067	0.001650909	0.500227804	1
HTN	adipocyte	<i>SLFN13</i>	-0.01336716	0.015663647	0.670635205	1
HTN	adipocyte	<i>SMAD2</i>	-0.003844311	0.03838299	0.747155537	1
HTN	adipocyte	<i>SMCHD1</i>	-0.000873693	0.014643579	0.669529548	1
HTN	adipocyte	<i>SNX31</i>	-0.020944445	0.020969851	0.670635205	1
HTN	adipocyte	<i>SP110</i>	-0.003097992	0.010364798	0.607859254	1
HTN	adipocyte	<i>SP140L</i>	-0.003151157	0.047343196	0.784062098	1
HTN	adipocyte	<i>SPATA7</i>	0.005358033	0.032708923	0.710794637	1
HTN	adipocyte	<i>SPRN</i>	-0.0116227	0.048381333	0.784062098	1
HTN	adipocyte	<i>SRGAP1</i>	0.002764841	0.025855975	0.671550298	1
HTN	adipocyte	<i>SRPK2</i>	-0.000922849	0.037862094	0.747155537	1
HTN	adipocyte	<i>ST3GAL6</i>	0.007892064	5.02E-05	0.299744764	0.299744764
HTN	adipocyte	<i>STAG3</i>	-0.007591964	0.038815551	0.750496534	1
HTN	adipocyte	<i>STAT4</i>	-0.001946224	0.004550592	0.500227804	1
HTN	adipocyte	<i>STIM2</i>	-0.004555676	0.003018115	0.500227804	1
HTN	adipocyte	<i>STK17A</i>	-0.002960542	0.002447472	0.500227804	1
HTN	adipocyte	<i>STK33</i>	-0.008328099	0.03024214	0.704102868	1
HTN	adipocyte	<i>STOX1</i>	0.006804653	0.039226828	0.753760536	1
HTN	adipocyte	<i>STUB1</i>	-0.00995106	0.003894505	0.500227804	1
HTN	adipocyte	<i>SULT1B1</i>	-0.012002579	0.025282745	0.670635205	1
HTN	adipocyte	<i>SVEP1</i>	0.002133573	0.044425003	0.784062098	1
HTN	adipocyte	<i>SYCP2L</i>	0.005612798	0.0116143	0.630270052	1
HTN	adipocyte	<i>TAP1</i>	-0.007289176	0.045609433	0.784062098	1
HTN	adipocyte	<i>TAPBP</i>	-0.004553033	0.005222478	0.500227804	1
HTN	adipocyte	<i>TBC1D10C</i>	-0.007007571	0.002498617	0.500227804	1
HTN	adipocyte	<i>TBC1D4</i>	0.003138832	0.029469308	0.69835972	1

HTN	adipocyte	<i>TBP</i>	0.0102201	0.04773378	0.784062098	1
HTN	adipocyte	<i>TCF3</i>	-0.008473941	0.018906759	0.670635205	1
HTN	adipocyte	<i>TCP11</i>	-0.038083412	0.041155915	0.766192363	1
HTN	adipocyte	<i>TES</i>	-0.006789561	0.016736957	0.670635205	1
HTN	adipocyte	<i>TFEB</i>	-0.004744117	0.026459613	0.671550298	1
HTN	adipocyte	<i>THAP5</i>	-0.010434777	0.044528185	0.784062098	1
HTN	adipocyte	<i>TLN2</i>	0.002105526	0.014676769	0.669529548	1
HTN	adipocyte	<i>TMEFF2</i>	0.003364306	0.046344782	0.784062098	1
HTN	adipocyte	<i>TMEM2</i>	-0.004030619	0.001845682	0.500227804	1
HTN	adipocyte	<i>TMEM30A</i>	-0.005542655	0.046218132	0.784062098	1
HTN	adipocyte	<i>TNK2</i>	-0.008407596	0.01299961	0.645015967	1
HTN	adipocyte	<i>TNPO2</i>	-0.003830423	0.040765135	0.766076867	1
HTN	adipocyte	<i>TOR1A</i>	-0.009907649	0.048413473	0.784062098	1
HTN	adipocyte	<i>TPD52</i>	-0.00253451	0.004409272	0.500227804	1
HTN	adipocyte	<i>TRAPPC4</i>	-0.007397313	0.016874813	0.670635205	1
HTN	adipocyte	<i>TRIM22</i>	-0.003310169	0.026150174	0.671550298	1
HTN	adipocyte	<i>TRIM5</i>	-0.004380644	0.00666181	0.515153498	1
HTN	adipocyte	<i>TRIP4</i>	-0.008557878	0.002878969	0.500227804	1
HTN	adipocyte	<i>TRMT112</i>	-0.009733185	0.016977726	0.670635205	1
HTN	adipocyte	<i>TRUB1</i>	0.01177601	0.002383751	0.500227804	1
HTN	adipocyte	<i>TSPAN13</i>	-0.00880533	0.017776576	0.670635205	1
HTN	adipocyte	<i>TSPAN15</i>	-0.004046671	0.019073853	0.670635205	1
HTN	adipocyte	<i>TSR3</i>	-0.014933327	0.025437018	0.670635205	1
HTN	adipocyte	<i>TSTD1</i>	-0.007199663	0.023131768	0.670635205	1
HTN	adipocyte	<i>TTC7B</i>	0.002549993	0.04468565	0.784062098	1
HTN	adipocyte	<i>TUSC1</i>	-0.018825582	0.003164289	0.500227804	1
HTN	adipocyte	<i>TVP23B</i>	-0.013593499	0.003004024	0.500227804	1
HTN	adipocyte	<i>UBASH3B</i>	-0.003692167	0.048199229	0.784062098	1
HTN	adipocyte	<i>UMPS</i>	-0.010634703	0.02919848	0.695179746	1
HTN	adipocyte	<i>URB1</i>	-0.009584038	0.030336857	0.704102868	1
HTN	adipocyte	<i>USB1</i>	-0.02049768	0.002733484	0.500227804	1
HTN	adipocyte	<i>USP15</i>	-0.001133522	0.045618532	0.784062098	1
HTN	adipocyte	<i>VAV3</i>	-0.001833436	0.013790893	0.664632054	1
HTN	adipocyte	<i>VPS28</i>	-0.007578531	0.031103019	0.704102868	1
HTN	adipocyte	<i>VSIG10</i>	0.008597858	0.006062547	0.507222261	1
HTN	adipocyte	<i>WAC</i>	-0.001429997	0.047196249	0.784062098	1
HTN	adipocyte	<i>WDPCP</i>	0.002034706	0.008576336	0.575867264	1
HTN	adipocyte	<i>XKR8</i>	-0.020454492	0.048564818	0.784387436	1
HTN	adipocyte	<i>YPEL1</i>	-0.005837052	0.037352961	0.747155537	1
HTN	adipocyte	<i>ZC3H12C</i>	0.004163626	0.011285817	0.630270052	1
HTN	adipocyte	<i>ZDHHC11B</i>	0.012251389	0.026520393	0.671550298	1
HTN	adipocyte	<i>ZFHX3</i>	0.00185893	0.014193581	0.667880622	1
HTN	adipocyte	<i>ZMYND12</i>	-0.026183808	0.008354412	0.567340506	1
HTN	adipocyte	<i>ZNF143</i>	-0.005706233	0.030770233	0.704102868	1
HTN	adipocyte	<i>ZNF253</i>	-0.006277493	0.031104946	0.704102868	1
HTN	adipocyte	<i>ZNF33A</i>	-0.004529701	0.020740603	0.670635205	1
HTN	adipocyte	<i>ZNF454</i>	0.018807307	0.040082078	0.760998565	1
HTN	adipocyte	<i>ZNF581</i>	-0.045158191	0.012469061	0.636881271	1
HTN	adipocyte	<i>ZNF600</i>	-0.006843993	0.024690184	0.670635205	1
HTN	adipocyte	<i>ZNF704</i>	0.001544567	0.043472445	0.784062098	1
HTN	adipocyte	<i>ZNF717</i>	0.010262507	0.002400917	0.500227804	1
HTN	adipocyte	<i>FAM106A</i>	-0.046867647	0.03893138	0.750496534	1

HTN	adipocyte	<i>BEND4</i>	-0.015780757	0.04953162	0.788137581	1
HTN	adipocyte	<i>NPTX2</i>	-0.072332017	0.023635245	0.670635205	1
HTN	adipocyte	<i>LCN2</i>	0.009747804	0.025474262	0.670635205	1
HTN	adipocyte	<i>FOXI2</i>	-0.040862639	0.043065735	0.784062098	1
HTN	ASPC	<i>AC009495.3</i>	-0.025435257	0.002308366	0.27149259	1
HTN	ASPC	<i>AC107021.1</i>	0.0056694	0.010419693	0.413104366	1
HTN	ASPC	<i>ACER3</i>	0.002324136	0.001815747	0.257905156	1
HTN	ASPC	<i>ACOT11</i>	0.006228522	0.016478478	0.507605062	1
HTN	ASPC	<i>ACSM5</i>	0.010804152	0.027042212	0.57259919	1
HTN	ASPC	<i>ACTR3</i>	-0.002950049	0.008560198	0.38140632	1
HTN	ASPC	<i>ACVR1C</i>	0.002826022	0.023034018	0.556721809	1
HTN	ASPC	<i>ADAM19</i>	-0.003853723	0.000531444	0.244300719	1
HTN	ASPC	<i>ADH1B</i>	0.002044914	0.017887074	0.516601377	1
HTN	ASPC	<i>AGTPBP1</i>	-0.003206512	0.00330367	0.307220123	1
HTN	ASPC	<i>AH11</i>	0.002322215	0.00213966	0.27149259	1
HTN	ASPC	<i>AIMP2</i>	0.013201298	0.008205682	0.374329442	1
HTN	ASPC	<i>ALG10</i>	-0.00979965	0.049752301	0.69629918	1
HTN	ASPC	<i>ALPK3</i>	0.006461193	0.026814347	0.57259919	1
HTN	ASPC	<i>ALS2</i>	0.00289125	0.017894325	0.516601377	1
HTN	ASPC	<i>ANK3</i>	-0.002041457	0.013125697	0.453405571	1
HTN	ASPC	<i>ANKRD26</i>	0.005055368	0.039423796	0.643002058	1
HTN	ASPC	<i>ANKRD44</i>	-0.001191714	0.001603266	0.257905156	1
HTN	ASPC	<i>ANKRD50</i>	0.008258024	0.045847652	0.676507576	1
HTN	ASPC	<i>AOAH</i>	-0.000771918	0.038778765	0.641493407	1
HTN	ASPC	<i>AP006621.1</i>	0.01246252	0.036973868	0.622410799	1
HTN	ASPC	<i>APIAR</i>	0.005506832	0.030482934	0.600844498	1
HTN	ASPC	<i>APBB1IP</i>	-0.001233961	0.004771242	0.324010686	1
HTN	ASPC	<i>APCDD1</i>	0.006405992	0.022643338	0.556721809	1
HTN	ASPC	<i>APOB</i>	0.012442135	0.043242118	0.66489701	1
HTN	ASPC	<i>APOBEC3G</i>	-0.007545069	0.002497454	0.279139563	1
HTN	ASPC	<i>AQP3</i>	-0.016657291	0.004120307	0.319778669	1
HTN	ASPC	<i>ARHGAP9</i>	-0.007232261	0.001452967	0.257905156	1
HTN	ASPC	<i>ARHGDIB</i>	-0.003996404	0.003581864	0.314748166	1
HTN	ASPC	<i>ARID5B</i>	-0.001643727	0.030567656	0.600844498	1
HTN	ASPC	<i>ARPC2</i>	-0.001880471	0.015858516	0.496743678	1
HTN	ASPC	<i>ARPC3</i>	-0.006101625	0.026165191	0.57259919	1
HTN	ASPC	<i>ARSG</i>	-0.003591254	0.021888864	0.551909735	1
HTN	ASPC	<i>ASIC3</i>	-0.069446684	0.03683938	0.622410799	1
HTN	ASPC	<i>ATP1B1</i>	0.009889564	0.001436471	0.257905156	1
HTN	ASPC	<i>ATP2A3</i>	-0.004496813	0.001712129	0.257905156	1
HTN	ASPC	<i>ATP6V1D</i>	0.006601353	0.047489714	0.687163515	1
HTN	ASPC	<i>ATP8A1</i>	-0.003149008	0.001526179	0.257905156	1
HTN	ASPC	<i>ATP9A</i>	0.003490819	0.018473304	0.520506896	1
HTN	ASPC	<i>AVEN</i>	0.006802187	0.01389981	0.468674991	1
HTN	ASPC	<i>BACE2</i>	0.001505065	0.039488246	0.643002058	1
HTN	ASPC	<i>BLK</i>	-0.002660599	0.015876513	0.496743678	1
HTN	ASPC	<i>BMPRI1A</i>	0.001734459	0.015473436	0.493856089	1
HTN	ASPC	<i>BNC2</i>	0.001105584	0.029095664	0.587417872	1
HTN	ASPC	<i>BRAT1</i>	0.005048854	0.016713103	0.50779852	1
HTN	ASPC	<i>BTN3A1</i>	-0.004344614	0.003997727	0.318894852	1
HTN	ASPC	<i>BTN3A2</i>	-0.005147061	0.020041881	0.53950577	1
HTN	ASPC	<i>C10orf25</i>	0.052486741	0.020447526	0.545510784	1

HTN	ASPC	<i>C11orf21</i>	-0.012220095	0.039706821	0.644804252	1
HTN	ASPC	<i>C1QTNF7</i>	0.005306495	0.003015655	0.301257237	1
HTN	ASPC	<i>C20orf196</i>	-0.004409049	0.039096335	0.641867306	1
HTN	ASPC	<i>C2orf69</i>	-0.004766185	0.03813511	0.636535395	1
HTN	ASPC	<i>C2orf88</i>	0.005351034	0.023141894	0.556721809	1
HTN	ASPC	<i>C6</i>	0.005046172	0.01947342	0.530423449	1
HTN	ASPC	<i>C7</i>	0.009623533	0.018095047	0.516743994	1
HTN	ASPC	<i>CACNA2D1</i>	0.001582173	0.031333125	0.605483178	1
HTN	ASPC	<i>CASC1</i>	-0.013048966	0.008199217	0.374329442	1
HTN	ASPC	<i>CASP8</i>	-0.002646302	0.027201416	0.57259919	1
HTN	ASPC	<i>CAT</i>	0.003669122	0.017082977	0.512502767	1
HTN	ASPC	<i>CAV3</i>	0.012408249	0.035164605	0.618193338	1
HTN	ASPC	<i>CBL</i>	-0.003101395	0.026379215	0.57259919	1
HTN	ASPC	<i>CBR4</i>	0.002173625	0.006035956	0.346835346	1
HTN	ASPC	<i>CCDC122</i>	0.007573825	0.022896892	0.556721809	1
HTN	ASPC	<i>CCDC36</i>	0.007101367	0.023749923	0.556721809	1
HTN	ASPC	<i>CCDC88C</i>	-0.002745306	0.001524418	0.257905156	1
HTN	ASPC	<i>CD37</i>	-0.00309126	0.036902091	0.622410799	1
HTN	ASPC	<i>CD38</i>	-0.004917652	0.041169682	0.658409787	1
HTN	ASPC	<i>CD3E</i>	-0.006810869	0.001835868	0.257905156	1
HTN	ASPC	<i>CD4</i>	-0.002861239	0.049604984	0.69629918	1
HTN	ASPC	<i>CD52</i>	-0.005849963	0.003175905	0.301257237	1
HTN	ASPC	<i>CDC25B</i>	-0.009120988	0.03823899	0.636535395	1
HTN	ASPC	<i>CDC42SE1</i>	-0.004694737	0.004333412	0.323705859	1
HTN	ASPC	<i>CDC42SE2</i>	-0.001458589	0.008070649	0.374329442	1
HTN	ASPC	<i>CDK19</i>	-0.002865109	0.027713215	0.57259919	1
HTN	ASPC	<i>CDO1</i>	0.00959977	0.029937468	0.600844498	1
HTN	ASPC	<i>CEACAM21</i>	-0.006375044	0.010438213	0.413104366	1
HTN	ASPC	<i>CENPW</i>	0.019000541	0.031611572	0.605483178	1
HTN	ASPC	<i>CEP120</i>	-0.004240793	0.044419056	0.67372659	1
HTN	ASPC	<i>CERKL</i>	-0.023182467	0.017550339	0.514121686	1
HTN	ASPC	<i>CHST11</i>	-0.001030691	0.010837786	0.420562408	1
HTN	ASPC	<i>CLEC18A</i>	-0.069898139	0.03482581	0.618193338	1
HTN	ASPC	<i>CLEC2D</i>	-0.001876371	0.00513321	0.337099598	1
HTN	ASPC	<i>CLECL1</i>	-0.007922259	0.034362051	0.618193338	1
HTN	ASPC	<i>CLHC1</i>	0.008008154	0.031420896	0.605483178	1
HTN	ASPC	<i>CLIC6</i>	0.012493758	0.049210245	0.69629918	1
HTN	ASPC	<i>CLSTN2</i>	0.004088178	0.04144878	0.658409787	1
HTN	ASPC	<i>CNOT6L</i>	-0.003101511	0.00525339	0.34116326	1
HTN	ASPC	<i>CNRIP1</i>	0.004275388	0.030981264	0.603075034	1
HTN	ASPC	<i>CNTLN</i>	0.002837715	0.008958584	0.392886386	1
HTN	ASPC	<i>COBLL1</i>	0.001658225	0.028923862	0.587417872	1
HTN	ASPC	<i>COL12A1</i>	0.002681276	0.038934515	0.641493407	1
HTN	ASPC	<i>COL8A1</i>	0.005194128	0.004024096	0.318894852	1
HTN	ASPC	<i>COMMD2</i>	0.003875033	0.03611591	0.622410799	1
HTN	ASPC	<i>CORO1A</i>	-0.00873063	0.001008139	0.257905156	1
HTN	ASPC	<i>CRLF3</i>	-0.003623151	0.049957945	0.697543647	1
HTN	ASPC	<i>CRMP1</i>	0.007227361	0.039305402	0.643002058	1
HTN	ASPC	<i>CSF1</i>	0.002621926	0.049666283	0.69629918	1
HTN	ASPC	<i>CTC1</i>	-0.009027389	0.017373461	0.512502767	1
HTN	ASPC	<i>CTNNA1</i>	0.003241102	0.02743373	0.57259919	1
HTN	ASPC	<i>CTNBL1</i>	0.002362591	0.026436879	0.57259919	1

HTN	ASPC	<i>CTSC</i>	-0.00244705	0.036526871	0.622410799	1
HTN	ASPC	<i>CTTNBP2</i>	0.004677325	0.001601828	0.257905156	1
HTN	ASPC	<i>CTU2</i>	-0.011383211	0.034687508	0.618193338	1
HTN	ASPC	<i>CXCR4</i>	-0.010283423	0.000144887	0.216664544	0.865845192
HTN	ASPC	<i>CYBA</i>	-0.003064167	0.000438373	0.238156173	1
HTN	ASPC	<i>CYLD</i>	-0.003460002	0.045511101	0.676507576	1
HTN	ASPC	<i>CYP2U1</i>	0.011139147	0.026226792	0.57259919	1
HTN	ASPC	<i>CYTH1</i>	-0.002278216	0.000889232	0.257905156	1
HTN	ASPC	<i>DCBLD2</i>	0.003832327	0.045757179	0.676507576	1
HTN	ASPC	<i>DEPTOR</i>	0.004853341	0.01682465	0.50779852	1
HTN	ASPC	<i>DGCR2</i>	-0.006454765	0.004262799	0.323705859	1
HTN	ASPC	<i>DHRS12</i>	0.009968791	0.010028975	0.404324745	1
HTN	ASPC	<i>DIAPH1</i>	-0.002347644	0.03061636	0.600844498	1
HTN	ASPC	<i>DIRC3</i>	0.00198775	0.023090182	0.556721809	1
HTN	ASPC	<i>DMGDH</i>	0.006340962	0.021613449	0.551118574	1
HTN	ASPC	<i>DOCK8</i>	-0.000920275	0.021064916	0.550248811	1
HTN	ASPC	<i>DTWD1</i>	0.00436693	0.042124222	0.658409787	1
HTN	ASPC	<i>ECHDC2</i>	0.002415149	0.033035655	0.616940854	1
HTN	ASPC	<i>ECHDC3</i>	0.008396327	0.021145644	0.550248811	1
HTN	ASPC	<i>ECM2</i>	0.003240622	0.027699722	0.57259919	1
HTN	ASPC	<i>EFCAB2</i>	0.00622078	0.003577741	0.314748166	1
HTN	ASPC	<i>EGFR</i>	0.002047924	0.021177581	0.550248811	1
HTN	ASPC	<i>EIF2AK4</i>	0.003898771	0.030616065	0.600844498	1
HTN	ASPC	<i>EIF4G3</i>	-0.003133668	0.007083468	0.355721028	1
HTN	ASPC	<i>ELL</i>	-0.00386636	0.03010186	0.600844498	1
HTN	ASPC	<i>EMB</i>	-0.002074663	0.047304521	0.68642008	1
HTN	ASPC	<i>EMILIN2</i>	0.00224098	0.021468746	0.550631882	1
HTN	ASPC	<i>EMPI</i>	0.002456508	0.026651492	0.57259919	1
HTN	ASPC	<i>EPB41</i>	-0.001906416	0.017409314	0.512502767	1
HTN	ASPC	<i>EPHA7</i>	0.015937625	0.04212728	0.658409787	1
HTN	ASPC	<i>ERCC1</i>	0.0034656	0.022011894	0.551909735	1
HTN	ASPC	<i>ERI2</i>	0.008906648	0.005626156	0.34116326	1
HTN	ASPC	<i>ERP27</i>	-0.011772356	0.015759168	0.496743678	1
HTN	ASPC	<i>EVL</i>	-0.002607165	0.008158334	0.374329442	1
HTN	ASPC	<i>EXOC6B</i>	0.001458621	0.019347176	0.530361131	1
HTN	ASPC	<i>FAM114A1</i>	0.005092873	0.015178997	0.488735207	1
HTN	ASPC	<i>FAM13A</i>	0.002649491	0.010019561	0.404324745	1
HTN	ASPC	<i>FAM19A1</i>	-0.002911108	0.030665591	0.600844498	1
HTN	ASPC	<i>FAM229B</i>	0.012446873	0.044881736	0.674709612	1
HTN	ASPC	<i>FARSA</i>	-0.006436911	0.047960215	0.688966934	1
HTN	ASPC	<i>FBN2</i>	-0.008664551	0.033618782	0.618193338	1
HTN	ASPC	<i>FBXO27</i>	0.015703749	0.022579464	0.556721809	1
HTN	ASPC	<i>FCER1A</i>	0.007190861	0.007218249	0.359468809	1
HTN	ASPC	<i>FCHSD1</i>	-0.007957525	0.022072695	0.551909735	1
HTN	ASPC	<i>FCRL3</i>	-0.005257262	0.003769277	0.318894852	1
HTN	ASPC	<i>FDPS</i>	0.005960809	0.047895524	0.688966934	1
HTN	ASPC	<i>FEZ1</i>	-0.011420498	0.015149595	0.488735207	1
HTN	ASPC	<i>FFAR4</i>	0.011763598	0.015536303	0.493856089	1
HTN	ASPC	<i>FGFR1</i>	0.002294648	0.031234401	0.605483178	1
HTN	ASPC	<i>FIBP</i>	-0.011868811	0.012248509	0.435696955	1
HTN	ASPC	<i>FLCN</i>	0.006226428	0.047156548	0.68642008	1
HTN	ASPC	<i>FNBP1</i>	-0.002294974	0.001660011	0.257905156	1

HTN	ASPC	<i>FREMI</i>	0.003113392	0.003143558	0.301257237	1
HTN	ASPC	<i>GAL</i>	0.020492038	0.044969665	0.674709612	1
HTN	ASPC	<i>GATAD1</i>	0.004615688	0.011226088	0.422152764	1
HTN	ASPC	<i>GBP5</i>	-0.006137318	0.008202486	0.374329442	1
HTN	ASPC	<i>GHR</i>	0.001869997	0.009494512	0.402405696	1
HTN	ASPC	<i>GLIPR1</i>	-0.005710325	0.000782001	0.257905156	1
HTN	ASPC	<i>GLRX</i>	0.002827081	0.033754008	0.618193338	1
HTN	ASPC	<i>GMPPB</i>	0.012078525	0.037230133	0.623603127	1
HTN	ASPC	<i>GNLY</i>	-0.001203738	0.021414925	0.550631882	1
HTN	ASPC	<i>GOLGA5</i>	0.007297581	0.04383046	0.671617504	1
HTN	ASPC	<i>GOLIM4</i>	0.007981785	0.00096886	0.257905156	1
HTN	ASPC	<i>GORASP1</i>	0.015123737	0.044282943	0.673371169	1
HTN	ASPC	<i>GPHN</i>	0.001891437	0.036342682	0.622410799	1
HTN	ASPC	<i>GPR180</i>	0.008347721	0.01779951	0.516601377	1
HTN	ASPC	<i>GRAMD1C</i>	-0.006395343	0.012136348	0.434292323	1
HTN	ASPC	<i>GRID2IP</i>	-0.015969565	0.013562142	0.463127776	1
HTN	ASPC	<i>GSTCD</i>	-0.005930611	0.011678593	0.425556534	1
HTN	ASPC	<i>GXYLT2</i>	0.006303938	0.025250727	0.57259919	1
HTN	ASPC	<i>HAUS1</i>	0.015735954	0.006550597	0.35544786	1
HTN	ASPC	<i>HERPUD2</i>	-0.004544776	0.013959864	0.468674991	1
HTN	ASPC	<i>HLA-A</i>	-0.002135333	0.00227927	0.27149259	1
HTN	ASPC	<i>HLA-B</i>	-0.001815705	0.000332296	0.238156173	1
HTN	ASPC	<i>HLA-C</i>	-0.002491616	0.000701478	0.257905156	1
HTN	ASPC	<i>HLA-E</i>	-0.002473447	0.006754274	0.35544786	1
HTN	ASPC	<i>HMGN2</i>	0.009315065	0.00656158	0.35544786	1
HTN	ASPC	<i>HRASLS5</i>	0.011217352	0.003866101	0.318894852	1
HTN	ASPC	<i>HSPG2</i>	0.001725328	0.015211638	0.488735207	1
HTN	ASPC	<i>ICAM3</i>	-0.013245108	0.000266381	0.227412944	1
HTN	ASPC	<i>IFITM2</i>	-0.00557521	0.034334881	0.618193338	1
HTN	ASPC	<i>IFNAR2</i>	-0.003151259	0.001855743	0.257905156	1
HTN	ASPC	<i>IKBIP</i>	-0.003035965	0.033693699	0.618193338	1
HTN	ASPC	<i>IKBKE</i>	-0.014474971	0.006972097	0.35544786	1
HTN	ASPC	<i>IKZF3</i>	-0.002355403	0.001340504	0.257905156	1
HTN	ASPC	<i>IL27RA</i>	-0.006905012	0.010081055	0.404324745	1
HTN	ASPC	<i>IMPA2</i>	0.006385022	0.017282234	0.512502767	1
HTN	ASPC	<i>ING5</i>	0.004086489	0.004721504	0.324010686	1
HTN	ASPC	<i>INPP4A</i>	-0.002086264	0.023427544	0.556721809	1
HTN	ASPC	<i>ISG20</i>	-0.008824896	0.000670181	0.257905156	1
HTN	ASPC	<i>ITGA4</i>	-0.00184387	0.005721983	0.341945687	1
HTN	ASPC	<i>JAZF1</i>	-0.001358382	0.042038913	0.658409787	1
HTN	ASPC	<i>KHK</i>	0.020803542	0.042180866	0.658409787	1
HTN	ASPC	<i>KIAA0040</i>	-0.004989526	0.01404172	0.468789481	1
HTN	ASPC	<i>KIAA1109</i>	-0.003593106	0.00111613	0.257905156	1
HTN	ASPC	<i>KIF21A</i>	-0.004620385	0.028180009	0.576725118	1
HTN	ASPC	<i>KLHL29</i>	0.003364883	0.006804011	0.35544786	1
HTN	ASPC	<i>KLHL31</i>	0.005649932	0.033161505	0.617361845	1
HTN	ASPC	<i>KMT2A</i>	-0.001686238	0.030235446	0.600844498	1
HTN	ASPC	<i>L3MBTL3</i>	-0.003759342	0.035081305	0.618193338	1
HTN	ASPC	<i>LAMA4</i>	0.001142823	0.044895365	0.674709612	1
HTN	ASPC	<i>LAMB1</i>	0.003426152	0.028379983	0.578835428	1
HTN	ASPC	<i>LAPTM5</i>	-0.004102479	0.008081317	0.374329442	1
HTN	ASPC	<i>LBH</i>	-0.003214388	0.027786775	0.57259919	1

HTN	ASPC	<i>LDLRAD2</i>	0.011068008	0.020981696	0.550248811	1
HTN	ASPC	<i>LIMA1</i>	0.001388901	0.033558755	0.618193338	1
HTN	ASPC	<i>LINC00865</i>	0.01249355	0.025317495	0.57259919	1
HTN	ASPC	<i>LINC00926</i>	-0.003432793	0.014550017	0.475141551	1
HTN	ASPC	<i>LINC00944</i>	-0.01038897	0.045194769	0.675209843	1
HTN	ASPC	<i>LINC00969</i>	0.003388774	0.027211071	0.57259919	1
HTN	ASPC	<i>LLGL2</i>	-0.005530299	0.007429507	0.363924057	1
HTN	ASPC	<i>LPCAT2</i>	0.003190459	0.03442907	0.618193338	1
HTN	ASPC	<i>LRBA</i>	-0.00145133	0.004017338	0.318894852	1
HTN	ASPC	<i>LRMP</i>	-0.00255129	0.008616107	0.38140632	1
HTN	ASPC	<i>LRP1B</i>	0.002500818	0.001341764	0.257905156	1
HTN	ASPC	<i>LRRC3</i>	0.024014757	0.032064105	0.610239146	1
HTN	ASPC	<i>LURAP1L</i>	0.004887931	0.019065046	0.527458604	1
HTN	ASPC	<i>LY75</i>	-0.016980751	0.044084307	0.673371169	1
HTN	ASPC	<i>MAL2</i>	0.013501538	0.027785597	0.57259919	1
HTN	ASPC	<i>MAP1LC3A</i>	0.007979148	0.004762493	0.324010686	1
HTN	ASPC	<i>MAP3K2</i>	-0.002415239	0.010755925	0.420113772	1
HTN	ASPC	<i>MAP3K5</i>	-0.002609811	0.001730703	0.257905156	1
HTN	ASPC	<i>MAPK9</i>	-0.010522052	0.0372534	0.623603127	1
HTN	ASPC	<i>MBNL1</i>	-0.001544145	0.002092611	0.27149259	1
HTN	ASPC	<i>ME3</i>	0.008697182	0.001442636	0.257905156	1
HTN	ASPC	<i>MED24</i>	0.00997035	0.042534546	0.661147945	1
HTN	ASPC	<i>MEST</i>	0.003847227	0.019153032	0.527458604	1
HTN	ASPC	<i>MIER1</i>	-0.002209089	0.030813224	0.601764133	1
HTN	ASPC	<i>MKRN2</i>	0.011273149	0.028999993	0.587417872	1
HTN	ASPC	<i>MMP25</i>	-0.00420545	0.023852168	0.556799054	1
HTN	ASPC	<i>MMP27</i>	0.017897318	0.014443838	0.474265817	1
HTN	ASPC	<i>MRAS</i>	0.007355663	0.00978152	0.404324745	1
HTN	ASPC	<i>MRPL47</i>	-0.008233611	0.021797702	0.551909735	1
HTN	ASPC	<i>MUM1</i>	0.00558706	0.013743492	0.466654008	1
HTN	ASPC	<i>MYBL1</i>	-0.002311684	0.008614486	0.38140632	1
HTN	ASPC	<i>MYL12A</i>	-0.007746879	0.003113364	0.301257237	1
HTN	ASPC	<i>MYO15A</i>	0.012221949	0.012419541	0.439166715	1
HTN	ASPC	<i>MYO1F</i>	-0.001000592	0.009006934	0.392886386	1
HTN	ASPC	<i>NAALAD2</i>	0.005472673	0.046908563	0.685392601	1
HTN	ASPC	<i>NBPF1</i>	0.009863551	0.016196704	0.504122415	1
HTN	ASPC	<i>NDUFAF4</i>	0.009373189	0.000429864	0.238156173	1
HTN	ASPC	<i>NEK11</i>	0.008043321	0.000159123	0.216664544	0.950921627
HTN	ASPC	<i>NFIA</i>	0.001435098	0.010008808	0.404324745	1
HTN	ASPC	<i>NIPSNAP3B</i>	0.009875086	0.024396041	0.567279149	1
HTN	ASPC	<i>NME4</i>	0.010479415	0.003072253	0.301257237	1
HTN	ASPC	<i>NMRAL1</i>	-0.008871546	0.011309263	0.422152764	1
HTN	ASPC	<i>NMT2</i>	0.003033016	0.041140093	0.658409787	1
HTN	ASPC	<i>NNT</i>	0.004246569	0.027497634	0.57259919	1
HTN	ASPC	<i>NOP10</i>	-0.012055019	0.049065775	0.69629918	1
HTN	ASPC	<i>NPC1</i>	-0.005300683	0.003578573	0.314748166	1
HTN	ASPC	<i>NPHP4</i>	0.010168805	0.0237557	0.556721809	1
HTN	ASPC	<i>NSUN7</i>	-0.012598315	0.035002283	0.618193338	1
HTN	ASPC	<i>NUAK2</i>	-0.013178389	0.007018549	0.35544786	1
HTN	ASPC	<i>NUDT12</i>	0.008737921	0.018665266	0.521231924	1
HTN	ASPC	<i>NUDT21</i>	0.010696828	0.006872613	0.35544786	1
HTN	ASPC	<i>NUP62</i>	-0.009153748	0.047607698	0.687206778	1

HTN	ASPC	<i>ORAI2</i>	-0.007751622	0.003163796	0.301257237	1
HTN	ASPC	<i>OSBPL10</i>	-0.001320444	0.045596365	0.676507576	1
HTN	ASPC	<i>OSBPL3</i>	-0.002666447	0.021672166	0.551118574	1
HTN	ASPC	<i>PACSI</i>	-0.00199831	0.002569056	0.279139563	1
HTN	ASPC	<i>PADI4</i>	-0.004050863	0.017233895	0.512502767	1
HTN	ASPC	<i>PAPSS2</i>	0.002691701	0.038966216	0.641493407	1
HTN	ASPC	<i>PAQR5</i>	0.004008106	0.032865721	0.615691376	1
HTN	ASPC	<i>PARK7</i>	-0.004311194	0.044926083	0.674709612	1
HTN	ASPC	<i>PARP14</i>	-0.00219934	0.040358094	0.651837755	1
HTN	ASPC	<i>PARP15</i>	-0.004713774	0.000190244	0.216664544	1
HTN	ASPC	<i>PARP8</i>	-0.001981287	0.000366381	0.238156173	1
HTN	ASPC	<i>PARVB</i>	0.006045731	0.000995813	0.257905156	1
HTN	ASPC	<i>PARVG</i>	-0.005713248	0.018213218	0.516743994	1
HTN	ASPC	<i>PATL2</i>	-0.007189132	0.00066886	0.257905156	1
HTN	ASPC	<i>PBX1</i>	0.001768134	0.00261617	0.279182667	1
HTN	ASPC	<i>PCGF3</i>	0.005032708	0.041318428	0.658409787	1
HTN	ASPC	<i>PCSK7</i>	-0.002975849	0.013044265	0.453212366	1
HTN	ASPC	<i>PDCD1LG2</i>	0.010708099	0.027044946	0.57259919	1
HTN	ASPC	<i>PEAK1</i>	0.001742098	0.027589461	0.57259919	1
HTN	ASPC	<i>PEPD</i>	0.004484276	0.04161682	0.658409787	1
HTN	ASPC	<i>PEX6</i>	-0.006580039	0.036724392	0.622410799	1
HTN	ASPC	<i>PFN2</i>	-0.013146148	0.022828123	0.556721809	1
HTN	ASPC	<i>PIGZ</i>	0.006988272	0.012873756	0.452550399	1
HTN	ASPC	<i>PIKFYVE</i>	-0.003610044	0.035171642	0.618193338	1
HTN	ASPC	<i>PLIN2</i>	0.00417098	0.004555713	0.324010686	1
HTN	ASPC	<i>PLOD1</i>	0.007086233	0.027893566	0.572824578	1
HTN	ASPC	<i>POMT2</i>	-0.01330997	0.049665131	0.69629918	1
HTN	ASPC	<i>PPMIK</i>	-0.004654071	0.02608105	0.57259919	1
HTN	ASPC	<i>PPP2R5E</i>	-0.002984586	0.026411814	0.57259919	1
HTN	ASPC	<i>PRDM5</i>	0.006999868	0.00555338	0.34116326	1
HTN	ASPC	<i>PRKD2</i>	-0.00411254	0.009124958	0.395150373	1
HTN	ASPC	<i>PRKG2</i>	0.003506767	0.041489907	0.658409787	1
HTN	ASPC	<i>PRRC2C</i>	-0.002733539	0.011865145	0.429733983	1
HTN	ASPC	<i>PSD4</i>	-0.005889599	0.025628389	0.57259919	1
HTN	ASPC	<i>PSMB3</i>	-0.01045218	0.038765814	0.641493407	1
HTN	ASPC	<i>PSMB9</i>	-0.004130707	0.006422777	0.355393664	1
HTN	ASPC	<i>PSTPIP1</i>	-0.006345102	0.007980279	0.374329442	1
HTN	ASPC	<i>PTGDR</i>	-0.003569005	0.031570013	0.605483178	1
HTN	ASPC	<i>PTGER3</i>	0.00265567	0.000515213	0.244300719	1
HTN	ASPC	<i>PTGR1</i>	0.007513765	0.004055557	0.318894852	1
HTN	ASPC	<i>PTPRJ</i>	-0.001356936	0.006813042	0.35544786	1
HTN	ASPC	<i>PTPRS</i>	0.002205353	0.044226148	0.673371169	1
HTN	ASPC	<i>PYHIN1</i>	-0.001731597	0.011439775	0.422152764	1
HTN	ASPC	<i>RAB5C</i>	-0.006572513	0.035582902	0.6217644	1
HTN	ASPC	<i>RABGAP1L</i>	-0.001507358	0.00198141	0.263131206	1
HTN	ASPC	<i>RAP1A</i>	-0.0029602	0.004547207	0.324010686	1
HTN	ASPC	<i>RASA3</i>	-0.001950145	0.034831037	0.618193338	1
HTN	ASPC	<i>RASAL3</i>	-0.004318365	0.026102508	0.57259919	1
HTN	ASPC	<i>RBCK1</i>	-0.007550767	0.027640941	0.57259919	1
HTN	ASPC	<i>RCAN3</i>	-0.004142761	0.026056881	0.57259919	1
HTN	ASPC	<i>RCSD1</i>	-0.002311955	0.001123356	0.257905156	1
HTN	ASPC	<i>RDH5</i>	0.00314743	0.011588915	0.424879487	1

HTN	ASPC	<i>RGCC</i>	0.004329594	0.004693693	0.324010686	1
HTN	ASPC	<i>RHBDF2</i>	-0.00375872	0.008416687	0.381046378	1
HTN	ASPC	<i>RHOBTB3</i>	0.003132131	0.000217535	0.216664544	1
HTN	ASPC	<i>RHOH</i>	-0.001749744	0.018245144	0.516743994	1
HTN	ASPC	<i>RNASEH2B</i>	-0.00288747	0.04270467	0.661147945	1
HTN	ASPC	<i>RNF149</i>	-0.000910319	0.041394486	0.658409787	1
HTN	ASPC	<i>RNF213</i>	-0.002117898	0.005945794	0.344971533	1
HTN	ASPC	<i>RNF217</i>	0.008619066	2.87E-05	0.08741268	0.171738831
HTN	ASPC	<i>RPL27A</i>	-0.004979145	0.048881119	0.69629918	1
HTN	ASPC	<i>RPS11</i>	-0.004062803	0.001446003	0.257905156	1
HTN	ASPC	<i>RPS18</i>	-0.002804615	0.036717965	0.622410799	1
HTN	ASPC	<i>RPS3</i>	-0.003623145	0.033822545	0.618193338	1
HTN	ASPC	<i>RPSA</i>	-0.007459175	0.011209247	0.422152764	1
HTN	ASPC	<i>RTN4</i>	0.002719736	0.014410899	0.474265817	1
HTN	ASPC	<i>RTN4RL2</i>	-0.034351482	0.046875598	0.685392601	1
HTN	ASPC	<i>SAMD9</i>	-0.006250235	0.009796975	0.404324745	1
HTN	ASPC	<i>SASS6</i>	-0.011619901	0.005889425	0.344971533	1
HTN	ASPC	<i>SCRN2</i>	0.008193859	0.030369882	0.600844498	1
HTN	ASPC	<i>SDCCAG8</i>	0.002083569	0.006871966	0.35544786	1
HTN	ASPC	<i>SDK1</i>	0.001445393	0.032657529	0.613715071	1
HTN	ASPC	<i>SEL1L3</i>	-0.001890458	0.007307331	0.360897582	1
HTN	ASPC	<i>SEMA3E</i>	0.006137598	0.013014756	0.453212366	1
HTN	ASPC	<i>SEMA4D</i>	-0.002688005	0.002523219	0.279139563	1
HTN	ASPC	<i>SEN7</i>	-0.001935279	0.046737506	0.685392601	1
HTN	ASPC	<i>SH3D19</i>	0.001404567	0.024990688	0.57259919	1
HTN	ASPC	<i>SH3PXD2B</i>	0.002410376	0.032576749	0.613715071	1
HTN	ASPC	<i>SIGIRR</i>	-0.006936802	0.019880489	0.537582804	1
HTN	ASPC	<i>SLC18A2</i>	0.001787165	0.025798943	0.57259919	1
HTN	ASPC	<i>SLC19A3</i>	0.002855616	0.005651801	0.34116326	1
HTN	ASPC	<i>SLC1A5</i>	0.014877641	0.011428109	0.422152764	1
HTN	ASPC	<i>SLC26A4</i>	0.009673789	0.048685064	0.696033355	1
HTN	ASPC	<i>SLC44A2</i>	-0.004581542	0.006289312	0.354574818	1
HTN	ASPC	<i>SLC6A16</i>	-0.006736881	0.016392993	0.507588207	1
HTN	ASPC	<i>SLC9A3R1</i>	-0.006853895	0.020936728	0.550248811	1
HTN	ASPC	<i>SLCO3A1</i>	-0.001049236	0.036886211	0.622410799	1
HTN	ASPC	<i>SLFN12L</i>	-0.002091763	0.001741989	0.257905156	1
HTN	ASPC	<i>SLFN13</i>	-0.012961138	0.018946799	0.526632897	1
HTN	ASPC	<i>SMCHD1</i>	-0.001050082	0.003341584	0.307220123	1
HTN	ASPC	<i>SNX32</i>	-0.011085162	0.027732433	0.57259919	1
HTN	ASPC	<i>SP100</i>	-0.002268749	0.00363414	0.314748166	1
HTN	ASPC	<i>SP110</i>	-0.003919547	0.001175452	0.257905156	1
HTN	ASPC	<i>SPAG7</i>	-0.006833632	0.036116726	0.622410799	1
HTN	ASPC	<i>SPATA7</i>	0.005734027	0.02331538	0.556721809	1
HTN	ASPC	<i>SPATA9</i>	0.006834482	0.004742923	0.324010686	1
HTN	ASPC	<i>SPIRE1</i>	0.003421977	0.023635326	0.556721809	1
HTN	ASPC	<i>SRGAP1</i>	0.003856799	0.001900621	0.25813884	1
HTN	ASPC	<i>SRPK2</i>	-0.00128532	0.003831973	0.318894852	1
HTN	ASPC	<i>ST3GAL6</i>	0.008123613	2.93E-05	0.08741268	0.17482536
HTN	ASPC	<i>ST8SLA1</i>	0.001288184	0.034901889	0.618193338	1
HTN	ASPC	<i>STAT4</i>	-0.001927464	0.004955337	0.332295371	1
HTN	ASPC	<i>STIM2</i>	-0.004332592	0.004762015	0.324010686	1
HTN	ASPC	<i>STK17A</i>	-0.002944344	0.002567313	0.279139563	1

HTN	ASPC	<i>STK17B</i>	-0.001648929	0.023553622	0.556721809	1
HTN	ASPC	<i>STUB1</i>	-0.011575309	0.000789616	0.257905156	1
HTN	ASPC	<i>SULF1</i>	0.002720505	0.034971876	0.618193338	1
HTN	ASPC	<i>SULT1B1</i>	-0.015063026	0.005004448	0.332295371	1
HTN	ASPC	<i>SVEP1</i>	0.002115435	0.045627106	0.676507576	1
HTN	ASPC	<i>TACC2</i>	0.00547809	0.005615707	0.34116326	1
HTN	ASPC	<i>TACC3</i>	-0.008912726	0.032371895	0.613715071	1
HTN	ASPC	<i>TAF10</i>	-0.011172968	0.02708436	0.57259919	1
HTN	ASPC	<i>TAF13</i>	-0.013941646	0.040333809	0.651837755	1
HTN	ASPC	<i>TAP1</i>	-0.011093473	0.002316955	0.27149259	1
HTN	ASPC	<i>TAPBP</i>	-0.004496567	0.005862151	0.344971533	1
HTN	ASPC	<i>TBC1D10C</i>	-0.006320183	0.006367882	0.355393664	1
HTN	ASPC	<i>TBC1D22A</i>	-0.002002557	0.01132171	0.422152764	1
HTN	ASPC	<i>TBC1D4</i>	0.004112627	0.004285007	0.323705859	1
HTN	ASPC	<i>TBC1D9B</i>	0.007005667	0.025042562	0.57259919	1
HTN	ASPC	<i>TDRD9</i>	-0.016427736	0.035790762	0.622410799	1
HTN	ASPC	<i>TEF</i>	0.013099578	0.005636394	0.34116326	1
HTN	ASPC	<i>TFEB</i>	-0.005410238	0.0114439	0.422152764	1
HTN	ASPC	<i>TK2</i>	0.007051257	0.0319855	0.610239146	1
HTN	ASPC	<i>TLN2</i>	0.001986787	0.021089148	0.550248811	1
HTN	ASPC	<i>TLR6</i>	-0.008332707	0.007752248	0.374329442	1
HTN	ASPC	<i>TMC6</i>	-0.004748339	0.04840851	0.693739222	1
HTN	ASPC	<i>TMEFF2</i>	0.003996404	0.018064056	0.516743994	1
HTN	ASPC	<i>TMEM132C</i>	0.002210505	0.02458285	0.569407399	1
HTN	ASPC	<i>TMEM2</i>	-0.003489529	0.006998507	0.35544786	1
HTN	ASPC	<i>TMEM220</i>	0.004625467	0.024872182	0.57259919	1
HTN	ASPC	<i>TMEM241</i>	0.003968808	0.014242637	0.472855546	1
HTN	ASPC	<i>TMEM45B</i>	-0.019358369	0.049513105	0.69629918	1
HTN	ASPC	<i>TMPRSS9</i>	0.014628792	0.045048383	0.674709612	1
HTN	ASPC	<i>TOR1B</i>	-0.025469689	0.001277875	0.257905156	1
HTN	ASPC	<i>TPD52</i>	-0.002719434	0.002237938	0.27149259	1
HTN	ASPC	<i>TRAF1</i>	-0.005029412	0.046041606	0.677696144	1
HTN	ASPC	<i>TRAF3IP2</i>	0.009302534	0.010588101	0.416279562	1
HTN	ASPC	<i>TRDMT1</i>	-0.004679286	0.047323473	0.68642008	1
HTN	ASPC	<i>TRIM22</i>	-0.003152342	0.03407034	0.618193338	1
HTN	ASPC	<i>TRIM5</i>	-0.004422967	0.006132092	0.349003623	1
HTN	ASPC	<i>TRMT112</i>	-0.009513336	0.019526968	0.530423449	1
HTN	ASPC	<i>TSPAN4</i>	0.005455438	0.034083853	0.618193338	1
HTN	ASPC	<i>TTC7B</i>	0.002923429	0.021454875	0.550631882	1
HTN	ASPC	<i>U91324.1</i>	-0.016603915	0.043280612	0.66489701	1
HTN	ASPC	<i>UBASH3B</i>	-0.004334479	0.020276856	0.543383363	1
HTN	ASPC	<i>UGP2</i>	0.002275651	0.049132768	0.69629918	1
HTN	ASPC	<i>USB1</i>	-0.017572189	0.009986693	0.404324745	1
HTN	ASPC	<i>USP15</i>	-0.001421806	0.012135074	0.434292323	1
HTN	ASPC	<i>USP40</i>	0.005125479	0.013559517	0.463127776	1
HTN	ASPC	<i>USP6</i>	0.024505191	0.032505975	0.613715071	1
HTN	ASPC	<i>VAV3</i>	-0.002067653	0.005439377	0.34116326	1
HTN	ASPC	<i>VSIG10</i>	0.007395836	0.018552204	0.520506896	1
HTN	ASPC	<i>WDR41</i>	0.005212296	0.02355124	0.556721809	1
HTN	ASPC	<i>WDR93</i>	0.005827969	0.043070141	0.66489701	1
HTN	ASPC	<i>WIPF1</i>	-0.001481109	0.036582016	0.622410799	1
HTN	ASPC	<i>WNT2B</i>	0.00739001	0.007848414	0.374329442	1

HTN	ASPC	<i>XPO6</i>	-0.001684356	0.009644868	0.404324745	1
HTN	ASPC	<i>YEATS4</i>	-0.010303904	0.042197281	0.658409787	1
HTN	ASPC	<i>ZFH3</i>	0.001593527	0.035572248	0.6217644	1
HTN	ASPC	<i>ZNF107</i>	-0.005843666	0.023520617	0.556721809	1
HTN	ASPC	<i>ZNF117</i>	0.004526559	0.04210342	0.658409787	1
HTN	ASPC	<i>ZNF143</i>	-0.007329187	0.005369166	0.34116326	1
HTN	ASPC	<i>ZNF335</i>	-0.010248588	0.042680937	0.661147945	1
HTN	ASPC	<i>ZNF33A</i>	-0.004687828	0.016648229	0.50779852	1
HTN	ASPC	<i>ZNF483</i>	0.010643478	0.009378377	0.400322724	1
HTN	ASPC	<i>ZNF558</i>	0.010971424	0.036329663	0.622410799	1
HTN	ASPC	<i>ZNF608</i>	0.003403455	0.025243824	0.57259919	1
HTN	ASPC	<i>ZNF652</i>	-0.00270553	0.022377626	0.556721809	1
HTN	ASPC	<i>ZNF704</i>	0.001939296	0.011213419	0.422152764	1
HTN	ASPC	<i>ZNF862</i>	0.00585813	0.016768858	0.50779852	1
HTN	ASPC	<i>KLHDC7A</i>	0.09467729	0.009342569	0.400322724	1
HTN	ASPC	<i>GJB6</i>	0.09890794	0.002959506	0.301257237	1
HTN	b_cell	<i>ABCB1</i>	-0.00543393	0.047782469	0.729904019	1
HTN	b_cell	<i>ABTB1</i>	-0.004841572	0.02737973	0.62650012	1
HTN	b_cell	<i>AC006111.1</i>	0.038982186	0.012320655	0.537432376	1
HTN	b_cell	<i>ACER3</i>	0.002417663	0.001169509	0.367841409	1
HTN	b_cell	<i>ACOT11</i>	0.00676068	0.009076739	0.506131364	1
HTN	b_cell	<i>ACSM5</i>	0.011478156	0.018547567	0.561528542	1
HTN	b_cell	<i>ACTR3</i>	-0.002575478	0.021770865	0.587106018	1
HTN	b_cell	<i>ACVR1C</i>	0.00254187	0.041171953	0.693474641	1
HTN	b_cell	<i>ADAM19</i>	-0.002383624	0.032027672	0.662641964	1
HTN	b_cell	<i>ADAM8</i>	-0.007861597	0.040890255	0.693474641	1
HTN	b_cell	<i>ADH1B</i>	0.001997251	0.020908898	0.575285426	1
HTN	b_cell	<i>ADH4</i>	0.017627418	0.021652623	0.587106018	1
HTN	b_cell	<i>ADH6</i>	0.025656862	0.043295465	0.70524923	1
HTN	b_cell	<i>ADIPOQ</i>	0.002117664	0.046577605	0.729904019	1
HTN	b_cell	<i>ADORA2B</i>	0.010091366	0.031708989	0.662641964	1
HTN	b_cell	<i>AGTPBP1</i>	-0.003134	0.004080977	0.440016585	1
HTN	b_cell	<i>AHCTF1</i>	-0.003824584	0.020425076	0.575285426	1
HTN	b_cell	<i>ALS2</i>	0.002410988	0.048137967	0.729904019	1
HTN	b_cell	<i>ANK3</i>	-0.001940611	0.018434528	0.561528542	1
HTN	b_cell	<i>ANKRD36B</i>	-0.003809219	0.024877156	0.607088957	1
HTN	b_cell	<i>ANKRD44</i>	-0.001004274	0.007860235	0.48425533	1
HTN	b_cell	<i>APCDD1</i>	0.006318412	0.024391181	0.607088957	1
HTN	b_cell	<i>APOBEC3G</i>	-0.004945915	0.047992813	0.729904019	1
HTN	b_cell	<i>ARHGAP9</i>	-0.006402938	0.004795985	0.440016585	1
HTN	b_cell	<i>ARHGDIB</i>	-0.004349583	0.001535295	0.381168498	1
HTN	b_cell	<i>ARID5B</i>	-0.001598597	0.035452884	0.666554721	1
HTN	b_cell	<i>ARSG</i>	-0.003966082	0.011393398	0.529195495	1
HTN	b_cell	<i>ATG14</i>	0.004066956	0.035901079	0.670452651	1
HTN	b_cell	<i>ATP2A3</i>	-0.004024722	0.005078187	0.440016585	1
HTN	b_cell	<i>ATP6V1D</i>	0.012087685	0.000283956	0.278390934	1
HTN	b_cell	<i>ATP8A1</i>	-0.003294649	0.000920427	0.323228631	1
HTN	b_cell	<i>ATPIF1</i>	-0.005706242	0.022065452	0.588674748	1
HTN	b_cell	<i>ATXN2</i>	0.001475735	0.04269585	0.70524923	1
HTN	b_cell	<i>ATXN3</i>	0.001941289	0.039127573	0.686021708	1
HTN	b_cell	<i>BCKDHA</i>	-0.025952215	0.046750881	0.729904019	1
HTN	b_cell	<i>BCL2L1</i>	-0.005013077	0.001931898	0.381168498	1

HTN	b_cell	<i>BEANI</i>	0.009295848	0.006808604	0.454804644	1
HTN	b_cell	<i>BMP2K</i>	0.000989844	0.042228919	0.704916253	1
HTN	b_cell	<i>BNC2</i>	0.001021005	0.043748857	0.706603165	1
HTN	b_cell	<i>BTN3A1</i>	-0.00322342	0.032540461	0.662818295	1
HTN	b_cell	<i>BTN3A2</i>	-0.005854581	0.008164834	0.488500126	1
HTN	b_cell	<i>C11orf21</i>	-0.01206307	0.041996848	0.703006063	1
HTN	b_cell	<i>C11orf63</i>	0.006414225	0.043310988	0.70524923	1
HTN	b_cell	<i>C14orf132</i>	0.009832312	0.044381001	0.712959308	1
HTN	b_cell	<i>C19orf18</i>	0.01280437	0.036684276	0.674539177	1
HTN	b_cell	<i>C19orf71</i>	-0.015845817	0.034184767	0.66612717	1
HTN	b_cell	<i>C1QTNF7</i>	0.006134862	0.00060418	0.323228631	1
HTN	b_cell	<i>C20orf96</i>	0.009820253	0.032941271	0.662818295	1
HTN	b_cell	<i>C2CD2</i>	0.004597878	0.017815513	0.561528542	1
HTN	b_cell	<i>C2orf88</i>	0.006964476	0.003187298	0.426814252	1
HTN	b_cell	<i>C8orf33</i>	0.007251321	0.011961222	0.537389305	1
HTN	b_cell	<i>CACNA2D1</i>	0.001779169	0.01545851	0.561528542	1
HTN	b_cell	<i>CASCI</i>	-0.011272214	0.021656156	0.587106018	1
HTN	b_cell	<i>CASP8</i>	-0.003681766	0.002114591	0.382933228	1
HTN	b_cell	<i>CAT</i>	0.003180882	0.038939911	0.686021708	1
HTN	b_cell	<i>CCDC146</i>	0.003156759	0.019764991	0.573376635	1
HTN	b_cell	<i>CCDC68</i>	0.00802764	0.02663359	0.619308689	1
HTN	b_cell	<i>CCDC88C</i>	-0.002637605	0.002333543	0.398435855	1
HTN	b_cell	<i>CCL4</i>	-0.003510538	0.034973595	0.66612717	1
HTN	b_cell	<i>CD52</i>	-0.005464294	0.005914968	0.454804644	1
HTN	b_cell	<i>CDC25B</i>	-0.010916314	0.013175724	0.539302252	1
HTN	b_cell	<i>CDC42SE1</i>	-0.004627063	0.004945577	0.440016585	1
HTN	b_cell	<i>CDC42SE2</i>	-0.001325163	0.016118884	0.561528542	1
HTN	b_cell	<i>CEACAM21</i>	-0.006404082	0.010207915	0.52434916	1
HTN	b_cell	<i>CENPK</i>	-0.008406421	0.007284366	0.463741924	1
HTN	b_cell	<i>CENPP</i>	0.003886834	0.02819691	0.62650012	1
HTN	b_cell	<i>CENPU</i>	0.019449007	0.015410457	0.561528542	1
HTN	b_cell	<i>CEPT1</i>	-0.003001	0.021810163	0.587106018	1
HTN	b_cell	<i>CHST11</i>	-0.000879821	0.029595228	0.645478407	1
HTN	b_cell	<i>CLEC2D</i>	-0.001738912	0.009550736	0.506131364	1
HTN	b_cell	<i>CLIC3</i>	-0.012058611	0.037013454	0.674767172	1
HTN	b_cell	<i>CLSTN2</i>	0.004759133	0.018042711	0.561528542	1
HTN	b_cell	<i>CLSTN3</i>	-0.011758146	0.043081565	0.70524923	1
HTN	b_cell	<i>CNOT6L</i>	-0.00313765	0.00477633	0.440016585	1
HTN	b_cell	<i>CNTLN</i>	0.002591163	0.016990459	0.561528542	1
HTN	b_cell	<i>COL4A4</i>	-0.0086049	0.037559116	0.677268918	1
HTN	b_cell	<i>CORO1A</i>	-0.006398674	0.016307887	0.561528542	1
HTN	b_cell	<i>CSF1</i>	0.003129661	0.019019948	0.561528542	1
HTN	b_cell	<i>CTSC</i>	-0.002478393	0.034248947	0.66612717	1
HTN	b_cell	<i>CTSL</i>	0.004858166	0.010662186	0.52434916	1
HTN	b_cell	<i>CTTNBP2</i>	0.003752158	0.011323626	0.529195495	1
HTN	b_cell	<i>CUL3</i>	-0.005664012	7.42E-05	0.221802246	0.443604491
HTN	b_cell	<i>CXCR4</i>	-0.006455891	0.017005256	0.561528542	1
HTN	b_cell	<i>CYB5R2</i>	-0.025805441	0.016259909	0.561528542	1
HTN	b_cell	<i>CYBA</i>	-0.002588674	0.003010109	0.426814252	1
HTN	b_cell	<i>CYTH1</i>	-0.002040099	0.002918652	0.426814252	1
HTN	b_cell	<i>DAPK1</i>	0.001842575	0.030061957	0.647994088	1
HTN	b_cell	<i>DCBLD2</i>	0.004903313	0.010532014	0.52434916	1

HTN	b_cell	<i>DCTN5</i>	0.008570546	0.035039716	0.66612717	1
HTN	b_cell	<i>DDX23</i>	-0.009265333	0.012979922	0.538666777	1
HTN	b_cell	<i>DENND4C</i>	0.002182829	0.040363366	0.693164681	1
HTN	b_cell	<i>DEPTOR</i>	0.004694529	0.020789226	0.575285426	1
HTN	b_cell	<i>DGCR2</i>	-0.005546383	0.014140778	0.561528542	1
HTN	b_cell	<i>DNAH6</i>	0.007196924	0.032772653	0.662818295	1
HTN	b_cell	<i>DOCK7</i>	0.004565879	0.012896945	0.538666777	1
HTN	b_cell	<i>DR1</i>	0.005027469	0.032882743	0.662818295	1
HTN	b_cell	<i>DTNB</i>	-0.004410366	0.025328265	0.607088957	1
HTN	b_cell	<i>DYNLT1</i>	-0.003722758	0.038079377	0.677268918	1
HTN	b_cell	<i>ECHDC2</i>	0.002480038	0.028074047	0.62650012	1
HTN	b_cell	<i>ECM2</i>	0.003236852	0.028143912	0.62650012	1
HTN	b_cell	<i>EFCAB2</i>	0.005167952	0.015786083	0.561528542	1
HTN	b_cell	<i>EIF2AK4</i>	0.003643506	0.043570259	0.705625658	1
HTN	b_cell	<i>EMB</i>	-0.002064012	0.048415835	0.729904019	1
HTN	b_cell	<i>EMILIN2</i>	0.002917071	0.002801677	0.426814252	1
HTN	b_cell	<i>EMP1</i>	0.002444169	0.02744911	0.62650012	1
HTN	b_cell	<i>ENOSF1</i>	0.003548321	0.008091286	0.488500126	1
HTN	b_cell	<i>EPB41</i>	-0.002678698	0.000835738	0.323228631	1
HTN	b_cell	<i>ERCC1</i>	0.003872726	0.010390263	0.52434916	1
HTN	b_cell	<i>ERGIC2</i>	-0.005404529	0.039145482	0.686021708	1
HTN	b_cell	<i>ERI2</i>	0.008804956	0.006246345	0.454804644	1
HTN	b_cell	<i>EVL</i>	-0.003332892	0.000721782	0.323228631	1
HTN	b_cell	<i>EXOC6B</i>	0.001426708	0.021943236	0.58803936	1
HTN	b_cell	<i>FAM114A1</i>	0.005258507	0.011900256	0.537389305	1
HTN	b_cell	<i>FAM13A</i>	0.002473795	0.01625372	0.561528542	1
HTN	b_cell	<i>FAM153B</i>	-0.016713729	0.036935455	0.674767172	1
HTN	b_cell	<i>FAM69C</i>	0.042697526	0.040365012	0.693164681	1
HTN	b_cell	<i>FAM89A</i>	0.010750311	0.009521969	0.506131364	1
HTN	b_cell	<i>FAP</i>	0.00797307	0.047667848	0.729904019	1
HTN	b_cell	<i>FCER1A</i>	0.009930962	0.000219063	0.261823871	1
HTN	b_cell	<i>FCHO2</i>	0.002892705	0.039272911	0.686242442	1
HTN	b_cell	<i>FCRL3</i>	-0.004564857	0.011800374	0.537389305	1
HTN	b_cell	<i>FDX1</i>	0.006809285	0.020819015	0.575285426	1
HTN	b_cell	<i>FFAR4</i>	0.010660929	0.027974877	0.62650012	1
HTN	b_cell	<i>FMN1</i>	0.002014173	0.024797193	0.607088957	1
HTN	b_cell	<i>FNBP1</i>	-0.001996735	0.006225052	0.454804644	1
HTN	b_cell	<i>FPR3</i>	0.003121124	0.026769778	0.620062764	1
HTN	b_cell	<i>FREMI</i>	0.002641878	0.012229743	0.537389305	1
HTN	b_cell	<i>FRS3</i>	-0.012455312	0.010303973	0.52434916	1
HTN	b_cell	<i>FTCDNL1</i>	0.007579237	0.025347152	0.607088957	1
HTN	b_cell	<i>FUT10</i>	0.003599603	0.03952125	0.688568481	1
HTN	b_cell	<i>FYCO1</i>	-0.009526676	0.024409876	0.607088957	1
HTN	b_cell	<i>GATC</i>	0.01137932	0.039889369	0.690953238	1
HTN	b_cell	<i>GBP5</i>	-0.006501915	0.005151704	0.440016585	1
HTN	b_cell	<i>GBP7</i>	-0.054307339	0.004781704	0.440016585	1
HTN	b_cell	<i>GDF9</i>	0.036274433	0.035058418	0.66612717	1
HTN	b_cell	<i>GGCX</i>	0.005727637	0.032077179	0.662641964	1
HTN	b_cell	<i>GHR</i>	0.001508518	0.036393401	0.671458809	1
HTN	b_cell	<i>GID8</i>	0.005130525	0.030661388	0.65119688	1
HTN	b_cell	<i>GLI4</i>	0.015165125	0.00218749	0.384483473	1
HTN	b_cell	<i>GLIPR1</i>	-0.003603203	0.034056082	0.66612717	1

HTN	b_cell	<i>GM2A</i>	0.004705797	0.043087518	0.70524923	1
HTN	b_cell	<i>GMIP</i>	-0.006825544	0.018896621	0.561528542	1
HTN	b_cell	<i>GNAI1</i>	0.003585665	0.008488559	0.4889933	1
HTN	b_cell	<i>GNLY</i>	-0.001211947	0.020794571	0.575285426	1
HTN	b_cell	<i>GOLGB1</i>	0.002449058	0.005291399	0.442079761	1
HTN	b_cell	<i>GOLIM4</i>	0.007002944	0.003739253	0.438152455	1
HTN	b_cell	<i>GPLD1</i>	0.011040388	0.04489914	0.717425833	1
HTN	b_cell	<i>GPR161</i>	-0.008473486	0.036404393	0.671458809	1
HTN	b_cell	<i>GPR180</i>	0.007718335	0.02868586	0.631891771	1
HTN	b_cell	<i>GPR19</i>	-0.023745889	0.015613342	0.561528542	1
HTN	b_cell	<i>GRAMD1C</i>	-0.005208827	0.04092695	0.693474641	1
HTN	b_cell	<i>GRID2IP</i>	-0.013729265	0.033655811	0.66612717	1
HTN	b_cell	<i>GRN</i>	0.004598487	0.044798849	0.717425833	1
HTN	b_cell	<i>GSK3B</i>	-0.003405856	0.017625082	0.561528542	1
HTN	b_cell	<i>GSTM2</i>	0.010542528	0.003255813	0.426814252	1
HTN	b_cell	<i>HCG20</i>	0.030311359	0.020650026	0.575285426	1
HTN	b_cell	<i>HDHD2</i>	0.018756917	0.010967812	0.52434916	1
HTN	b_cell	<i>HEXDC</i>	-0.00371472	0.04748433	0.729904019	1
HTN	b_cell	<i>HIST1H4E</i>	-0.018846561	0.040718616	0.693474641	1
HTN	b_cell	<i>HLA-A</i>	-0.002354089	0.000780851	0.323228631	1
HTN	b_cell	<i>HLA-B</i>	-0.001954456	0.000112873	0.224843857	0.67453157
HTN	b_cell	<i>HLA-C</i>	-0.002425568	0.00097358	0.323228631	1
HTN	b_cell	<i>HLA-E</i>	-0.002949566	0.001245434	0.372135643	1
HTN	b_cell	<i>HLA-F</i>	-0.005071962	0.003569181	0.426814252	1
HTN	b_cell	<i>HOOK1</i>	-0.01084628	0.012207564	0.537389305	1
HTN	b_cell	<i>HOPX</i>	-0.018523191	0.006449782	0.454804644	1
HTN	b_cell	<i>HPGDS</i>	0.001631519	0.035580816	0.666554721	1
HTN	b_cell	<i>HPS3</i>	-0.008794693	0.006405779	0.454804644	1
HTN	b_cell	<i>HPSE2</i>	0.004720828	0.018871832	0.561528542	1
HTN	b_cell	<i>HRASLS5</i>	0.007931087	0.041562092	0.697682758	1
HTN	b_cell	<i>ICAM3</i>	-0.013427895	0.000215341	0.261823871	1
HTN	b_cell	<i>IFITM2</i>	-0.006135978	0.019939211	0.575285426	1
HTN	b_cell	<i>IFNAR2</i>	-0.002584842	0.010708921	0.52434916	1
HTN	b_cell	<i>IGF2R</i>	-0.0012312	0.032378088	0.662641964	1
HTN	b_cell	<i>IKZF3</i>	-0.001997323	0.006553375	0.454804644	1
HTN	b_cell	<i>IL12RB1</i>	-0.006752435	0.04807927	0.729904019	1
HTN	b_cell	<i>IL27RA</i>	-0.006192992	0.020985981	0.575285426	1
HTN	b_cell	<i>IL4</i>	-0.048122741	0.013964751	0.561528542	1
HTN	b_cell	<i>INPP4A</i>	-0.002195059	0.017190039	0.561528542	1
HTN	b_cell	<i>IQGAP1</i>	-0.001785033	0.011423397	0.529195495	1
HTN	b_cell	<i>ISG20</i>	-0.005660028	0.029539984	0.645478407	1
HTN	b_cell	<i>ITGA4</i>	-0.001744843	0.008933953	0.503672654	1
HTN	b_cell	<i>ITGB2</i>	-0.003251174	0.025213028	0.607088957	1
HTN	b_cell	<i>JAZF1</i>	-0.001325134	0.047496795	0.729904019	1
HTN	b_cell	<i>KCNIP4</i>	0.004219351	0.031536213	0.662641964	1
HTN	b_cell	<i>KIAA1683</i>	0.00728723	0.034674761	0.66612717	1
HTN	b_cell	<i>KLHL31</i>	0.005419348	0.041195364	0.693474641	1
HTN	b_cell	<i>KREMEN1</i>	0.003077872	0.034929787	0.66612717	1
HTN	b_cell	<i>LAMB1</i>	0.003665004	0.01871072	0.561528542	1
HTN	b_cell	<i>LILRB3</i>	-0.0026746	0.036389231	0.671458809	1
HTN	b_cell	<i>LINC00484</i>	-0.013188197	0.009867563	0.512770058	1
HTN	b_cell	<i>LINC00926</i>	-0.003137985	0.025608793	0.607294225	1

HTN	b_cell	<i>LINC00959</i>	0.008109709	0.016942173	0.561528542	1
HTN	b_cell	<i>LINC01011</i>	0.019198857	0.03288374	0.662818295	1
HTN	b_cell	<i>LLGL2</i>	-0.004903461	0.017728608	0.561528542	1
HTN	b_cell	<i>LPCAT2</i>	0.002993799	0.047029778	0.729904019	1
HTN	b_cell	<i>LRGUK</i>	0.020143356	0.012564642	0.538666777	1
HTN	b_cell	<i>LRMP</i>	-0.002789477	0.004081522	0.440016585	1
HTN	b_cell	<i>LRP1B</i>	0.002658581	0.000652651	0.323228631	1
HTN	b_cell	<i>LURAP1L</i>	0.004734484	0.023262854	0.596647289	1
HTN	b_cell	<i>MADCAM1</i>	0.008677051	0.027948524	0.62650012	1
HTN	b_cell	<i>MALRD1</i>	0.011063825	0.000957577	0.323228631	1
HTN	b_cell	<i>MAP3K5</i>	-0.002378363	0.004303309	0.440016585	1
HTN	b_cell	<i>MARK3</i>	-0.00154789	0.037558393	0.677268918	1
HTN	b_cell	<i>MBNL1</i>	-0.001378696	0.005991593	0.454804644	1
HTN	b_cell	<i>ME3</i>	0.00738421	0.006849468	0.454804644	1
HTN	b_cell	<i>MED24</i>	0.010263147	0.037035414	0.674767172	1
HTN	b_cell	<i>MEI1</i>	-0.010670377	0.02297959	0.596647289	1
HTN	b_cell	<i>MILR1</i>	0.011079449	0.006435681	0.454804644	1
HTN	b_cell	<i>MLXIPL</i>	0.003148753	0.012926844	0.538666777	1
HTN	b_cell	<i>MMACHC</i>	0.016136631	0.047949134	0.729904019	1
HTN	b_cell	<i>MMP25</i>	-0.00402239	0.03072917	0.65119688	1
HTN	b_cell	<i>MOV10L1</i>	0.012075191	0.034868037	0.66612717	1
HTN	b_cell	<i>MRAS</i>	0.006369594	0.02508357	0.607088957	1
HTN	b_cell	<i>MRPL34</i>	-0.009946706	0.007294468	0.463741924	1
HTN	b_cell	<i>MRS2</i>	0.008444883	0.031686263	0.662641964	1
HTN	b_cell	<i>MX1</i>	-0.007142137	0.032285631	0.662641964	1
HTN	b_cell	<i>MX2</i>	-0.001880866	0.048401069	0.729904019	1
HTN	b_cell	<i>MYBL1</i>	-0.001914272	0.029986743	0.647994088	1
HTN	b_cell	<i>MYL12A</i>	-0.007402785	0.004722322	0.440016585	1
HTN	b_cell	<i>MYO1F</i>	-0.000908674	0.017713025	0.561528542	1
HTN	b_cell	<i>NEK11</i>	0.006641682	0.001826766	0.381168498	1
HTN	b_cell	<i>NEK3</i>	0.006610126	0.001595196	0.381168498	1
HTN	b_cell	<i>NFIA</i>	0.001329571	0.017000013	0.561528542	1
HTN	b_cell	<i>NFIC</i>	0.003196301	0.024921167	0.607088957	1
HTN	b_cell	<i>NIPAL1</i>	-0.003921094	0.017869761	0.561528542	1
HTN	b_cell	<i>NMNAT3</i>	0.008068245	0.001446774	0.381168498	1
HTN	b_cell	<i>NPC1</i>	-0.005099653	0.005009451	0.440016585	1
HTN	b_cell	<i>NPIPA1</i>	0.015035171	0.034525235	0.66612717	1
HTN	b_cell	<i>NPIPA5</i>	-0.025097198	0.040168708	0.693164681	1
HTN	b_cell	<i>NTNG2</i>	-0.012478963	0.032339391	0.662641964	1
HTN	b_cell	<i>NUAK2</i>	-0.012641954	0.009740489	0.510606689	1
HTN	b_cell	<i>NUP153</i>	-0.006440138	0.005154143	0.440016585	1
HTN	b_cell	<i>OGN</i>	0.00518902	0.04658969	0.729904019	1
HTN	b_cell	<i>OPRL1</i>	0.023827833	0.013145491	0.539302252	1
HTN	b_cell	<i>ORAI2</i>	-0.007932125	0.002550758	0.418441361	1
HTN	b_cell	<i>PACSI</i>	-0.001718128	0.009570422	0.506131364	1
HTN	b_cell	<i>PALM2</i>	0.01041573	0.018496377	0.561528542	1
HTN	b_cell	<i>PAQR5</i>	0.004583434	0.014681097	0.561528542	1
HTN	b_cell	<i>PARD3</i>	0.001321707	0.009546983	0.506131364	1
HTN	b_cell	<i>PARP14</i>	-0.002795616	0.009183865	0.506131364	1
HTN	b_cell	<i>PARP15</i>	-0.003457044	0.006214158	0.454804644	1
HTN	b_cell	<i>PARP8</i>	-0.001998586	0.000326094	0.278390934	1
HTN	b_cell	<i>PARVB</i>	0.005476564	0.00283906	0.426814252	1

HTN	b_cell	<i>PATL2</i>	-0.00467214	0.02718075	0.62650012	1
HTN	b_cell	<i>PBX1</i>	0.001550644	0.00825611	0.488500126	1
HTN	b_cell	<i>PCDHGA2</i>	0.069579398	0.019274304	0.564623743	1
HTN	b_cell	<i>PCDHGA5</i>	0.019856406	0.012196961	0.537389305	1
HTN	b_cell	<i>PCSK1</i>	0.012182382	0.030190279	0.647994088	1
HTN	b_cell	<i>PDE8B</i>	0.006634898	0.022243375	0.589424361	1
HTN	b_cell	<i>PEAK1</i>	0.001853194	0.019018695	0.561528542	1
HTN	b_cell	<i>PEPD</i>	0.00630083	0.004215652	0.440016585	1
HTN	b_cell	<i>PEX14</i>	-0.002932727	0.043254789	0.70524923	1
HTN	b_cell	<i>PIGK</i>	-0.006959117	0.023099029	0.596647289	1
HTN	b_cell	<i>PIGZ</i>	0.006500049	0.020793495	0.575285426	1
HTN	b_cell	<i>PIK3CB</i>	0.002407334	0.046683408	0.729904019	1
HTN	b_cell	<i>PILRB</i>	-0.007469211	0.00357107	0.426814252	1
HTN	b_cell	<i>PLD1</i>	0.002823723	0.027970606	0.62650012	1
HTN	b_cell	<i>PLOD1</i>	-0.009985395	0.00197728	0.381168498	1
HTN	b_cell	<i>PNKD</i>	0.004138326	0.049766367	0.741483751	1
HTN	b_cell	<i>POC1B</i>	-0.007597582	0.001637311	0.381168498	1
HTN	b_cell	<i>POLR3G</i>	0.008959375	0.035414123	0.666554721	1
HTN	b_cell	<i>POMP</i>	-0.007667212	0.005902366	0.454804644	1
HTN	b_cell	<i>POMT2</i>	-0.013424336	0.048097698	0.729904019	1
HTN	b_cell	<i>POR</i>	-0.002721692	0.034633817	0.66612717	1
HTN	b_cell	<i>PPP2R1A</i>	-0.011029883	0.020024136	0.575285426	1
HTN	b_cell	<i>PRKD2</i>	-0.005509126	0.00048542	0.323228631	1
HTN	b_cell	<i>PRKG2</i>	0.005345962	0.001945069	0.381168498	1
HTN	b_cell	<i>PROS1</i>	0.004260579	0.038304615	0.679253348	1
HTN	b_cell	<i>PSD4</i>	-0.007111011	0.007286538	0.463741924	1
HTN	b_cell	<i>PSMB9</i>	-0.003387981	0.025604014	0.607294225	1
HTN	b_cell	<i>PSTPIP1</i>	-0.0056742	0.017724639	0.561528542	1
HTN	b_cell	<i>PTGDR</i>	-0.003764426	0.023574028	0.602044415	1
HTN	b_cell	<i>PTGER3</i>	0.001903388	0.012620851	0.538666777	1
HTN	b_cell	<i>PTGRI</i>	0.005298678	0.042664073	0.70524923	1
HTN	b_cell	<i>PYHIN1</i>	-0.001998794	0.003546835	0.426814252	1
HTN	b_cell	<i>RABGAP1L</i>	-0.001430275	0.003376473	0.426814252	1
HTN	b_cell	<i>RAP1A</i>	-0.002542808	0.014773115	0.561528542	1
HTN	b_cell	<i>RASA3</i>	-0.002195943	0.017541123	0.561528542	1
HTN	b_cell	<i>RASAL3</i>	-0.005296317	0.006438823	0.454804644	1
HTN	b_cell	<i>RASL10B</i>	0.043372686	0.028538702	0.631656601	1
HTN	b_cell	<i>RBCK1</i>	-0.008132661	0.017311671	0.561528542	1
HTN	b_cell	<i>RBL2</i>	-0.002548332	0.007451772	0.468755662	1
HTN	b_cell	<i>RCAN3</i>	-0.003669974	0.048489273	0.729904019	1
HTN	b_cell	<i>RCSD1</i>	-0.002005118	0.004747105	0.440016585	1
HTN	b_cell	<i>RDH5</i>	0.002984429	0.016764209	0.561528542	1
HTN	b_cell	<i>RFC3</i>	-0.005066477	0.035575746	0.666554721	1
HTN	b_cell	<i>RHBDF2</i>	-0.003450649	0.015631883	0.561528542	1
HTN	b_cell	<i>RHBDL3</i>	0.033700885	0.019553221	0.570000248	1
HTN	b_cell	<i>RHOBTB3</i>	0.001832307	0.030361169	0.647994088	1
HTN	b_cell	<i>RHOH</i>	-0.001499683	0.043051276	0.70524923	1
HTN	b_cell	<i>RHPN1</i>	0.017560173	0.049878927	0.741483751	1
HTN	b_cell	<i>RICTOR</i>	-0.001728885	0.011421987	0.529195495	1
HTN	b_cell	<i>RNASEH2B</i>	-0.002798237	0.049568716	0.740556621	1
HTN	b_cell	<i>RNF114</i>	-0.006159475	0.01816927	0.561528542	1
HTN	b_cell	<i>RNF150</i>	0.002586329	0.037942655	0.677268918	1

HTN	b_cell	<i>RNF213</i>	-0.001711885	0.026144508	0.616942017	1
HTN	b_cell	<i>RNF34</i>	-0.004457574	0.044192717	0.711848187	1
HTN	b_cell	<i>RPL13</i>	-0.002637766	0.035053404	0.66612717	1
HTN	b_cell	<i>RPL27A</i>	-0.005128227	0.042739794	0.70524923	1
HTN	b_cell	<i>RPL8</i>	-0.004700009	0.006829069	0.454804644	1
HTN	b_cell	<i>RPS11</i>	-0.003012634	0.018182177	0.561528542	1
HTN	b_cell	<i>RPS18</i>	-0.003007993	0.025099589	0.607088957	1
HTN	b_cell	<i>RPS26</i>	-0.011132942	0.022873458	0.596647289	1
HTN	b_cell	<i>RPS3</i>	-0.003544047	0.037978788	0.677268918	1
HTN	b_cell	<i>RPSA</i>	-0.006401939	0.029763159	0.646780505	1
HTN	b_cell	<i>RRN3</i>	0.010547635	0.028200892	0.62650012	1
HTN	b_cell	<i>RTN4</i>	0.002996947	0.007099141	0.463741924	1
HTN	b_cell	<i>SAMD9</i>	-0.006181571	0.010715385	0.52434916	1
HTN	b_cell	<i>SCP2</i>	0.002797966	0.023973322	0.607053268	1
HTN	b_cell	<i>SEMA4D</i>	-0.00235297	0.008245202	0.488500126	1
HTN	b_cell	<i>SFII</i>	-0.005106284	0.001912611	0.381168498	1
HTN	b_cell	<i>SFMBT1</i>	-0.008578689	0.045711108	0.72651485	1
HTN	b_cell	<i>SIPAIL3</i>	-0.00217773	0.016071277	0.561528542	1
HTN	b_cell	<i>SLC18A2</i>	0.001703508	0.033405251	0.66612717	1
HTN	b_cell	<i>SLC19A3</i>	0.002513618	0.014998503	0.561528542	1
HTN	b_cell	<i>SLC1A5</i>	0.013843754	0.018710064	0.561528542	1
HTN	b_cell	<i>SLC20A1</i>	-0.005373086	0.011693016	0.537389305	1
HTN	b_cell	<i>SLC44A2</i>	-0.005360104	0.001392664	0.381168498	1
HTN	b_cell	<i>SLC46A3</i>	0.006626868	0.019074681	0.561528542	1
HTN	b_cell	<i>SLC5A11</i>	-0.01098067	0.038691995	0.68409279	1
HTN	b_cell	<i>SLFN12L</i>	-0.001855594	0.005546601	0.454061493	1
HTN	b_cell	<i>SMCHD1</i>	-0.001029185	0.004029547	0.440016585	1
HTN	b_cell	<i>SOWAHC</i>	0.018480205	0.037971075	0.677268918	1
HTN	b_cell	<i>SP100</i>	-0.002282362	0.003564199	0.426814252	1
HTN	b_cell	<i>SP110</i>	-0.004004763	0.000910155	0.323228631	1
HTN	b_cell	<i>SPIRE1</i>	0.003015157	0.046333859	0.729904019	1
HTN	b_cell	<i>SPOCK2</i>	-0.003950738	0.045560141	0.726046409	1
HTN	b_cell	<i>SRGAP1</i>	0.002996423	0.015775145	0.561528542	1
HTN	b_cell	<i>ST3GAL6</i>	0.007783681	6.39E-05	0.221802246	0.381738845
HTN	b_cell	<i>ST8SIA1</i>	0.001286076	0.035112125	0.66612717	1
HTN	b_cell	<i>STAT4</i>	-0.001751965	0.010821112	0.52434916	1
HTN	b_cell	<i>STIM2</i>	-0.003473497	0.023789778	0.604968983	1
HTN	b_cell	<i>STK17A</i>	-0.002646104	0.006768678	0.454804644	1
HTN	b_cell	<i>STON1-GTF2A1L</i>	0.013263934	0.023211578	0.596647289	1
HTN	b_cell	<i>STOX1</i>	0.009641781	0.003450691	0.426814252	1
HTN	b_cell	<i>STXBP6</i>	0.002217016	0.027945119	0.62650012	1
HTN	b_cell	<i>SULT1B1</i>	-0.015022357	0.005079652	0.440016585	1
HTN	b_cell	<i>TACC2</i>	0.004101623	0.037497033	0.677268918	1
HTN	b_cell	<i>TAP1</i>	-0.009597994	0.008509924	0.4889933	1
HTN	b_cell	<i>TAPBP</i>	-0.004820069	0.003152341	0.426814252	1
HTN	b_cell	<i>TBC1D10C</i>	-0.006981328	0.002590751	0.418441361	1
HTN	b_cell	<i>TBC1D4</i>	0.003271381	0.023044749	0.596647289	1
HTN	b_cell	<i>TBL2</i>	-0.011601028	0.012911225	0.538666777	1
HTN	b_cell	<i>TC2N</i>	-0.001459998	0.047378857	0.729904019	1
HTN	b_cell	<i>TDRD9</i>	-0.01647798	0.034976085	0.66612717	1
HTN	b_cell	<i>TEF</i>	0.01146583	0.014976576	0.561528542	1
HTN	b_cell	<i>TES</i>	-0.006358022	0.024976056	0.607088957	1

HTN	b_cell	<i>TFEB</i>	-0.005198698	0.015044158	0.561528542	1
HTN	b_cell	<i>TIMM17A</i>	-0.006876965	0.0262221	0.616942017	1
HTN	b_cell	<i>TK2</i>	0.008770815	0.007757543	0.482907078	1
HTN	b_cell	<i>TLN2</i>	0.002380676	0.005662231	0.454804644	1
HTN	b_cell	<i>TMEFF2</i>	0.0037451	0.026628768	0.619308689	1
HTN	b_cell	<i>TMEM123</i>	-0.004918669	0.020938667	0.575285426	1
HTN	b_cell	<i>TMEM184B</i>	0.004825978	0.024690836	0.607088957	1
HTN	b_cell	<i>TMEM2</i>	-0.003398546	0.008598826	0.489396019	1
HTN	b_cell	<i>TMEM200A</i>	-0.010699389	0.037879547	0.677268918	1
HTN	b_cell	<i>TMEM216</i>	0.017407709	0.040711162	0.693474641	1
HTN	b_cell	<i>TOP1MT</i>	0.014542788	0.030350092	0.647994088	1
HTN	b_cell	<i>TPD52</i>	-0.002412285	0.006761587	0.454804644	1
HTN	b_cell	<i>TRHDE</i>	0.001805856	0.014005298	0.561528542	1
HTN	b_cell	<i>TRIM22</i>	-0.002925271	0.049203573	0.738795361	1
HTN	b_cell	<i>TRIM5</i>	-0.003945968	0.014538466	0.561528542	1
HTN	b_cell	<i>TRMT112</i>	-0.009598358	0.018583996	0.561528542	1
HTN	b_cell	<i>TRPT1</i>	-0.014051257	0.022290814	0.589424361	1
HTN	b_cell	<i>TSPAN4</i>	0.007937715	0.001815588	0.381168498	1
HTN	b_cell	<i>TTC7B</i>	0.003619421	0.004385211	0.440016585	1
HTN	b_cell	<i>TUSC5</i>	0.006239193	0.049361839	0.739314159	1
HTN	b_cell	<i>U91324.1</i>	0.018627665	0.022890767	0.596647289	1
HTN	b_cell	<i>UBA52</i>	-0.002957314	0.017784994	0.561528542	1
HTN	b_cell	<i>UBQLN1</i>	-0.003554033	0.008366426	0.4889933	1
HTN	b_cell	<i>UBR2</i>	-0.001588839	0.020795367	0.575285426	1
HTN	b_cell	<i>UGP2</i>	0.002365792	0.040997692	0.693474641	1
HTN	b_cell	<i>USP15</i>	-0.001270468	0.02502494	0.607088957	1
HTN	b_cell	<i>USP40</i>	0.004638339	0.025396961	0.607088957	1
HTN	b_cell	<i>USP42</i>	-0.011431888	0.002110447	0.382933228	1
HTN	b_cell	<i>VAMP8</i>	0.008972752	0.046797373	0.729904019	1
HTN	b_cell	<i>VAV3</i>	-0.001752402	0.018512059	0.561528542	1
HTN	b_cell	<i>VNN2</i>	-0.002768068	0.032045971	0.662641964	1
HTN	b_cell	<i>VSIG10</i>	0.007372738	0.018866853	0.561528542	1
HTN	b_cell	<i>WDR19</i>	0.006351591	0.013320187	0.541506392	1
HTN	b_cell	<i>WIPF1</i>	-0.001804016	0.010966348	0.52434916	1
HTN	b_cell	<i>XPO6</i>	-0.001594126	0.014292671	0.561528542	1
HTN	b_cell	<i>ZBTB38</i>	0.002385261	0.03505392	0.66612717	1
HTN	b_cell	<i>ZCCHC11</i>	-0.002305866	0.048346288	0.729904019	1
HTN	b_cell	<i>ZFHX3</i>	0.001824822	0.016047215	0.561528542	1
HTN	b_cell	<i>ZNF117</i>	0.004584071	0.039795324	0.690953238	1
HTN	b_cell	<i>ZNF143</i>	-0.008993249	0.000627019	0.323228631	1
HTN	b_cell	<i>ZNF211</i>	-0.009041969	0.032284566	0.662641964	1
HTN	b_cell	<i>ZNF248</i>	0.005707229	0.009270689	0.506131364	1
HTN	b_cell	<i>ZNF322</i>	0.007187006	0.015023033	0.561528542	1
HTN	b_cell	<i>ZNF33A</i>	-0.005529463	0.004780514	0.440016585	1
HTN	b_cell	<i>ZNF354C</i>	0.006593684	0.01424081	0.561528542	1
HTN	b_cell	<i>ZNF443</i>	0.047635301	0.014993473	0.561528542	1
HTN	b_cell	<i>ZNF454</i>	-0.019448728	0.033486736	0.66612717	1
HTN	b_cell	<i>ZNF483</i>	0.008935512	0.028760804	0.631891771	1
HTN	b_cell	<i>ZNF547</i>	0.058919158	0.004676066	0.440016585	1
HTN	b_cell	<i>ZNF600</i>	-0.006764157	0.026629849	0.619308689	1
HTN	b_cell	<i>ZNF704</i>	0.001906964	0.012664645	0.538666777	1
HTN	b_cell	<i>ZNF717</i>	0.007131843	0.036208042	0.671458809	1

HTN	b_cell	<i>C2orf72</i>	-0.029383332	0.005326262	0.442079761	1
HTN	b_cell	<i>AMY2A</i>	0.013420302	0.043549576	0.705625658	1
HTN	dendritic_cell	<i>AASDH</i>	0.006895213	0.033046625	0.660490398	1
HTN	dendritic_cell	<i>ABTB1</i>	-0.004687472	0.032634869	0.658809163	1
HTN	dendritic_cell	<i>ACCS</i>	0.008440719	0.030189852	0.657514544	1
HTN	dendritic_cell	<i>ACER3</i>	0.002397141	0.001289085	0.302816656	1
HTN	dendritic_cell	<i>ACOT11</i>	0.006498521	0.012277412	0.481119121	1
HTN	dendritic_cell	<i>ACSM5</i>	0.01451768	0.002850057	0.302816656	1
HTN	dendritic_cell	<i>ACTR3</i>	-0.002852187	0.011061668	0.468616117	1
HTN	dendritic_cell	<i>ACVR1C</i>	0.003405993	0.006216989	0.393013014	1
HTN	dendritic_cell	<i>ADAMI9</i>	-0.002401073	0.030849555	0.657514544	1
HTN	dendritic_cell	<i>ADAM8</i>	-0.011921484	0.001829498	0.302816656	1
HTN	dendritic_cell	<i>ADH1B</i>	0.002038829	0.018265119	0.558502831	1
HTN	dendritic_cell	<i>ADH4</i>	0.017006433	0.026640065	0.657514544	1
HTN	dendritic_cell	<i>ADSS</i>	-0.005234914	0.030794796	0.657514544	1
HTN	dendritic_cell	<i>AGER</i>	-0.016272101	0.007629462	0.417443323	1
HTN	dendritic_cell	<i>AGO2</i>	-0.008392779	0.000825164	0.302816656	1
HTN	dendritic_cell	<i>AGTPBP1</i>	-0.002955643	0.00678909	0.401699015	1
HTN	dendritic_cell	<i>AH11</i>	0.001580991	0.036428455	0.683758837	1
HTN	dendritic_cell	<i>ALDH7A1</i>	0.006336343	0.040645823	0.704504667	1
HTN	dendritic_cell	<i>ALG10</i>	-0.011115033	0.026488459	0.657514544	1
HTN	dendritic_cell	<i>ALS2</i>	0.003022499	0.013328057	0.496645867	1
HTN	dendritic_cell	<i>ANK3</i>	-0.001681857	0.041100884	0.704504667	1
HTN	dendritic_cell	<i>ANKRD44</i>	-0.001090129	0.003898444	0.302816656	1
HTN	dendritic_cell	<i>AOAH</i>	-0.000904411	0.015396691	0.503873367	1
HTN	dendritic_cell	<i>APBB1IP</i>	-0.001012289	0.020540316	0.600388728	1
HTN	dendritic_cell	<i>APCDD1</i>	0.006028476	0.031748979	0.657514544	1
HTN	dendritic_cell	<i>APOBEC3G</i>	-0.005253978	0.035211814	0.670145862	1
HTN	dendritic_cell	<i>ARHGAP9</i>	-0.006916811	0.002297428	0.302816656	1
HTN	dendritic_cell	<i>ARHGD1B</i>	-0.004470757	0.001127	0.302816656	1
HTN	dendritic_cell	<i>ARPC2</i>	-0.002044631	0.008782137	0.419856421	1
HTN	dendritic_cell	<i>ARSG</i>	-0.003274509	0.036548847	0.683758837	1
HTN	dendritic_cell	<i>ASB16</i>	-0.011867136	0.043922626	0.707425243	1
HTN	dendritic_cell	<i>ATP2A3</i>	-0.00380852	0.008052977	0.417443323	1
HTN	dendritic_cell	<i>ATP6V0A2</i>	0.002424914	0.042488502	0.704504667	1
HTN	dendritic_cell	<i>ATP6V1D</i>	0.006864103	0.038738427	0.698253305	1
HTN	dendritic_cell	<i>ATP8A1</i>	-0.003333542	0.000785706	0.302816656	1
HTN	dendritic_cell	<i>B4GALT7</i>	0.016546328	0.034654298	0.670145862	1
HTN	dendritic_cell	<i>BACE2</i>	0.001445634	0.047603347	0.722024368	1
HTN	dendritic_cell	<i>BCAP29</i>	0.006683491	0.029032487	0.657514544	1
HTN	dendritic_cell	<i>BHMT2</i>	0.006693419	0.032122269	0.657514544	1
HTN	dendritic_cell	<i>BMPRI4</i>	0.001767199	0.013516699	0.497309147	1
HTN	dendritic_cell	<i>BNC2</i>	0.001087474	0.031771897	0.657514544	1
HTN	dendritic_cell	<i>BOK</i>	0.008240346	0.030084245	0.657514544	1
HTN	dendritic_cell	<i>BTN3A1</i>	-0.004769708	0.001591815	0.302816656	1
HTN	dendritic_cell	<i>BTN3A2</i>	-0.006384843	0.003920327	0.302816656	1
HTN	dendritic_cell	<i>CIQTNF7</i>	0.004853277	0.006583114	0.401699015	1
HTN	dendritic_cell	<i>C2CD2</i>	0.005999308	0.002001983	0.302816656	1
HTN	dendritic_cell	<i>C2orf88</i>	0.005729051	0.015070575	0.503873367	1
HTN	dendritic_cell	<i>C6</i>	0.004259755	0.048460876	0.722065968	1
HTN	dendritic_cell	<i>C7</i>	0.010930229	0.007243789	0.407958878	1
HTN	dendritic_cell	<i>C9orf152</i>	0.017596955	0.04288863	0.706397467	1

HTN	dendritic_cell	<i>C9orf66</i>	-0.010118444	0.04809732	0.722065968	1
HTN	dendritic_cell	<i>CACNA2D1</i>	0.001630003	0.026529259	0.657514544	1
HTN	dendritic_cell	<i>CACUL1</i>	0.003338305	0.041645715	0.704504667	1
HTN	dendritic_cell	<i>CASP8</i>	-0.002915719	0.014902255	0.503140539	1
HTN	dendritic_cell	<i>CAT</i>	0.004746408	0.002042868	0.302816656	1
HTN	dendritic_cell	<i>CBL</i>	-0.002748104	0.04909082	0.722065968	1
HTN	dendritic_cell	<i>CCDC114</i>	0.042036082	0.035173777	0.670145862	1
HTN	dendritic_cell	<i>CCDC84</i>	0.002587296	0.045819966	0.719353291	1
HTN	dendritic_cell	<i>CCDC88C</i>	-0.002648827	0.002226139	0.302816656	1
HTN	dendritic_cell	<i>CCL4</i>	-0.004898388	0.00320391	0.302816656	1
HTN	dendritic_cell	<i>CD37</i>	-0.003165471	0.032742022	0.658809163	1
HTN	dendritic_cell	<i>CD38</i>	-0.004785513	0.046991225	0.720041848	1
HTN	dendritic_cell	<i>CD3E</i>	-0.005780643	0.008186337	0.417443323	1
HTN	dendritic_cell	<i>CD52</i>	-0.005164833	0.009208559	0.423310383	1
HTN	dendritic_cell	<i>CD83</i>	0.002544288	0.029838623	0.657514544	1
HTN	dendritic_cell	<i>CDC42SE1</i>	-0.004241507	0.009974404	0.448173213	1
HTN	dendritic_cell	<i>CDC42SE2</i>	-0.001126016	0.040969057	0.704504667	1
HTN	dendritic_cell	<i>CEACAM21</i>	-0.007442898	0.002817911	0.302816656	1
HTN	dendritic_cell	<i>CENPW</i>	-0.019686768	0.026028147	0.656125282	1
HTN	dendritic_cell	<i>CEP41</i>	0.020729991	0.003792435	0.302816656	1
HTN	dendritic_cell	<i>CEPT1</i>	0.00263208	0.044288653	0.709568341	1
HTN	dendritic_cell	<i>CHCHD2</i>	0.003546126	0.031632135	0.657514544	1
HTN	dendritic_cell	<i>CHDH</i>	0.041973107	0.008177344	0.417443323	1
HTN	dendritic_cell	<i>CHST11</i>	-0.00096184	0.017369732	0.540149221	1
HTN	dendritic_cell	<i>CIZ1</i>	0.005683773	0.029434375	0.657514544	1
HTN	dendritic_cell	<i>CLCN2</i>	-0.016117948	0.022583516	0.607923848	1
HTN	dendritic_cell	<i>CLCN6</i>	0.007930591	0.022099451	0.607923848	1
HTN	dendritic_cell	<i>CLEC2D</i>	-0.001800412	0.007268607	0.407958878	1
HTN	dendritic_cell	<i>CLIC3</i>	-0.013768668	0.017067005	0.539642458	1
HTN	dendritic_cell	<i>CLSTN3</i>	-0.012689436	0.028676306	0.657514544	1
HTN	dendritic_cell	<i>CMA1</i>	0.006205822	0.046522174	0.720041848	1
HTN	dendritic_cell	<i>CNNM3</i>	-0.009605642	0.047114176	0.720041848	1
HTN	dendritic_cell	<i>CNOT6L</i>	-0.002982269	0.007304485	0.407958878	1
HTN	dendritic_cell	<i>CNRIP1</i>	0.004037449	0.041871722	0.704504667	1
HTN	dendritic_cell	<i>CNTLN</i>	0.00307253	0.004641148	0.324824794	1
HTN	dendritic_cell	<i>COL8A1</i>	0.005284388	0.003353581	0.302816656	1
HTN	dendritic_cell	<i>COLEC11</i>	-0.013317924	0.024025333	0.632490713	1
HTN	dendritic_cell	<i>COPE</i>	-0.005764221	0.030997443	0.657514544	1
HTN	dendritic_cell	<i>CORO1A</i>	-0.006151083	0.02086606	0.600388728	1
HTN	dendritic_cell	<i>CREG1</i>	0.005867518	0.044702816	0.712384081	1
HTN	dendritic_cell	<i>CTNNA1</i>	0.004380687	0.002873576	0.302816656	1
HTN	dendritic_cell	<i>CTSC</i>	-0.002505003	0.032184112	0.657514544	1
HTN	dendritic_cell	<i>CTSW</i>	-0.004111783	0.036757241	0.683758837	1
HTN	dendritic_cell	<i>CTTNBP2</i>	0.004787384	0.001227488	0.302816656	1
HTN	dendritic_cell	<i>CUL3</i>	-0.00408226	0.004155162	0.306129614	1
HTN	dendritic_cell	<i>CX3CR1</i>	-0.003201802	0.019484095	0.576420542	1
HTN	dendritic_cell	<i>CXCL13</i>	0.018576743	0.041867785	0.704504667	1
HTN	dendritic_cell	<i>CXCR4</i>	-0.007823035	0.003808049	0.302816656	1
HTN	dendritic_cell	<i>CYBA</i>	-0.002763495	0.00152836	0.302816656	1
HTN	dendritic_cell	<i>CYTH1</i>	-0.002009546	0.003378408	0.302816656	1
HTN	dendritic_cell	<i>DAAM1</i>	0.002116593	0.042508455	0.704504667	1
HTN	dendritic_cell	<i>DCBLD2</i>	0.004374891	0.022532912	0.607923848	1

HTN	dendritic_cell	<i>DEPTOR</i>	0.004459712	0.028059063	0.657514544	1
HTN	dendritic_cell	<i>DGCR2</i>	-0.006494142	0.004039844	0.302816656	1
HTN	dendritic_cell	<i>DIAPH1</i>	-0.002969359	0.006213219	0.393013014	1
HTN	dendritic_cell	<i>DIRC3</i>	0.00236307	0.006912782	0.405007716	1
HTN	dendritic_cell	<i>DPY19L4</i>	0.0072704	0.038663251	0.698253305	1
HTN	dendritic_cell	<i>DRD2</i>	0.029900656	0.008762173	0.419856421	1
HTN	dendritic_cell	<i>DTNB</i>	-0.003979941	0.043521082	0.707425243	1
HTN	dendritic_cell	<i>DTWD1</i>	0.004334563	0.04366856	0.707425243	1
HTN	dendritic_cell	<i>DYNLT1</i>	-0.003678672	0.040166858	0.704504667	1
HTN	dendritic_cell	<i>ECHDC2</i>	0.002479556	0.027961141	0.657514544	1
HTN	dendritic_cell	<i>EFCAB2</i>	0.007011842	0.001014934	0.302816656	1
HTN	dendritic_cell	<i>EIF2AK4</i>	0.0039902	0.026791608	0.657514544	1
HTN	dendritic_cell	<i>EIF4G3</i>	-0.002492052	0.032237577	0.657514544	1
HTN	dendritic_cell	<i>EMB</i>	-0.002687696	0.010226423	0.452689663	1
HTN	dendritic_cell	<i>EML4</i>	-0.001545412	0.014826617	0.503140539	1
HTN	dendritic_cell	<i>EMP1</i>	0.002480096	0.02531654	0.646545492	1
HTN	dendritic_cell	<i>EPB41</i>	-0.002103232	0.008671626	0.419856421	1
HTN	dendritic_cell	<i>EPHB6</i>	0.0133555	0.031579636	0.657514544	1
HTN	dendritic_cell	<i>EPN2</i>	0.002747922	0.00676697	0.401699015	1
HTN	dendritic_cell	<i>ERI2</i>	0.009251169	0.003960941	0.302816656	1
HTN	dendritic_cell	<i>ERV3-1</i>	0.006451026	0.013687845	0.498771717	1
HTN	dendritic_cell	<i>EVL</i>	-0.003001846	0.002317351	0.302816656	1
HTN	dendritic_cell	<i>EXOC6B</i>	0.001355388	0.029594962	0.657514544	1
HTN	dendritic_cell	<i>F2R</i>	-0.011171885	0.047231661	0.720041848	1
HTN	dendritic_cell	<i>FAM111A</i>	-0.003289939	0.041505663	0.704504667	1
HTN	dendritic_cell	<i>FAM114A1</i>	0.004656525	0.026130826	0.656125282	1
HTN	dendritic_cell	<i>FAM13A</i>	0.002739654	0.007704309	0.417443323	1
HTN	dendritic_cell	<i>FAM19A1</i>	-0.004421754	0.001029618	0.302816656	1
HTN	dendritic_cell	<i>FAM98C</i>	-0.01555624	0.048429181	0.722065968	1
HTN	dendritic_cell	<i>FASN</i>	0.009771758	0.011950307	0.479295533	1
HTN	dendritic_cell	<i>FBXL18</i>	0.007101865	0.04249961	0.704504667	1
HTN	dendritic_cell	<i>FCHO2</i>	0.002910084	0.037971882	0.698253305	1
HTN	dendritic_cell	<i>FCRL3</i>	-0.004136798	0.022553183	0.607923848	1
HTN	dendritic_cell	<i>FGFR1</i>	0.002388134	0.024659652	0.635198626	1
HTN	dendritic_cell	<i>FMN1</i>	0.001902992	0.033961397	0.66598686	1
HTN	dendritic_cell	<i>FNBP1</i>	-0.002183007	0.002737601	0.302816656	1
HTN	dendritic_cell	<i>FREMI</i>	0.002975476	0.004761599	0.325430852	1
HTN	dendritic_cell	<i>GALK1</i>	0.012857569	0.018319455	0.558502831	1
HTN	dendritic_cell	<i>GATAD1</i>	0.003612982	0.047189809	0.720041848	1
HTN	dendritic_cell	<i>GBP5</i>	-0.007314296	0.001651901	0.302816656	1
HTN	dendritic_cell	<i>GCC2</i>	-0.002490081	0.014718697	0.503140539	1
HTN	dendritic_cell	<i>GDF6</i>	0.029839813	0.012275937	0.481119121	1
HTN	dendritic_cell	<i>GIMAP1</i>	-0.008152299	0.021961416	0.607923848	1
HTN	dendritic_cell	<i>GIMAP4</i>	-0.00760397	0.011376365	0.471152788	1
HTN	dendritic_cell	<i>GLIPR1</i>	-0.003753088	0.027422147	0.657514544	1
HTN	dendritic_cell	<i>GLIPR1L1</i>	0.007710553	0.041276576	0.704504667	1
HTN	dendritic_cell	<i>GLRX</i>	0.003121117	0.01911116	0.571041472	1
HTN	dendritic_cell	<i>GLTP</i>	-0.012545699	0.027033736	0.657514544	1
HTN	dendritic_cell	<i>GMEB2</i>	-0.009891099	0.044476467	0.710672097	1
HTN	dendritic_cell	<i>GMIP</i>	-0.007566394	0.009088421	0.423310383	1
HTN	dendritic_cell	<i>GNAIL</i>	0.003949737	0.003646117	0.302816656	1
HTN	dendritic_cell	<i>GNLY</i>	-0.001267509	0.015395328	0.503873367	1

HTN	dendritic_cell	<i>GOLGB1</i>	0.00231955	0.008312543	0.417443323	1
HTN	dendritic_cell	<i>GOLIM4</i>	0.005069145	0.035137744	0.670145862	1
HTN	dendritic_cell	<i>GPR132</i>	-0.004454511	0.035355226	0.670260437	1
HTN	dendritic_cell	<i>GPR135</i>	0.01034163	0.014664228	0.503140539	1
HTN	dendritic_cell	<i>GPX7</i>	-0.007337455	0.04642063	0.720041848	1
HTN	dendritic_cell	<i>GRAMD1C</i>	-0.005556096	0.02906979	0.657514544	1
HTN	dendritic_cell	<i>GRTPI</i>	0.011508985	0.011135122	0.468616117	1
HTN	dendritic_cell	<i>GSAP</i>	-0.002084269	0.018411154	0.558502831	1
HTN	dendritic_cell	<i>GSK3B</i>	-0.002823107	0.049288608	0.722065968	1
HTN	dendritic_cell	<i>GSTM2</i>	0.008778081	0.014250136	0.503140539	1
HTN	dendritic_cell	<i>GTPBP3</i>	-0.025443061	0.021017768	0.600388728	1
HTN	dendritic_cell	<i>HCLS1</i>	-0.00403822	6.09E-05	0.17001644	0.363991718
HTN	dendritic_cell	<i>HCN1</i>	0.020650719	0.029695635	0.657514544	1
HTN	dendritic_cell	<i>HLA-A</i>	-0.002004262	0.004200574	0.306129614	1
HTN	dendritic_cell	<i>HLA-B</i>	-0.001880559	0.000201752	0.241133765	1
HTN	dendritic_cell	<i>HLA-C</i>	-0.002532513	0.000573314	0.302816656	1
HTN	dendritic_cell	<i>HLA-E</i>	-0.002588895	0.004601276	0.324824794	1
HTN	dendritic_cell	<i>HLA-F</i>	-0.006770539	0.000103769	0.17001644	0.620123902
HTN	dendritic_cell	<i>HPGDS</i>	0.001982636	0.010762519	0.466360177	1
HTN	dendritic_cell	<i>HRAS</i>	-0.012273906	0.024512811	0.635198626	1
HTN	dendritic_cell	<i>HRASLS5</i>	0.00884481	0.022771217	0.61022777	1
HTN	dendritic_cell	<i>HYI</i>	0.00721252	0.035860169	0.676026404	1
HTN	dendritic_cell	<i>ICAM3</i>	-0.014023809	0.000113799	0.17001644	0.680065758
HTN	dendritic_cell	<i>IFITM1</i>	-0.013130438	0.027988216	0.657514544	1
HTN	dendritic_cell	<i>IFNAR2</i>	-0.002936722	0.003730463	0.302816656	1
HTN	dendritic_cell	<i>IGF2R</i>	-0.001404732	0.014577292	0.503140539	1
HTN	dendritic_cell	<i>IKZF3</i>	-0.001932565	0.008498982	0.419856421	1
HTN	dendritic_cell	<i>IL27RA</i>	-0.006579703	0.014258798	0.503140539	1
HTN	dendritic_cell	<i>INPP4A</i>	-0.002748674	0.002835825	0.302816656	1
HTN	dendritic_cell	<i>IPO5</i>	-0.005912489	0.005751064	0.37767427	1
HTN	dendritic_cell	<i>ISG20</i>	-0.005475582	0.035102037	0.670145862	1
HTN	dendritic_cell	<i>ITGA4</i>	-0.001631557	0.014508264	0.503140539	1
HTN	dendritic_cell	<i>ITGB2</i>	-0.003652461	0.011868075	0.479295533	1
HTN	dendritic_cell	<i>KCND3</i>	0.010377163	0.049418504	0.722065968	1
HTN	dendritic_cell	<i>KCNK5</i>	0.01810306	0.035442152	0.670260437	1
HTN	dendritic_cell	<i>KCNN2</i>	0.01461857	0.038969446	0.698253305	1
HTN	dendritic_cell	<i>KIAA0040</i>	-0.004098264	0.043796946	0.707425243	1
HTN	dendritic_cell	<i>KLRD1</i>	-0.001651737	0.049707135	0.722748997	1
HTN	dendritic_cell	<i>KLRK1</i>	-0.029935534	0.030729999	0.657514544	1
HTN	dendritic_cell	<i>KNSTRN</i>	0.020411066	0.008664087	0.419856421	1
HTN	dendritic_cell	<i>KREMEN1</i>	0.00290076	0.04681133	0.720041848	1
HTN	dendritic_cell	<i>LAMTOR4</i>	-0.005605472	0.041202429	0.704504667	1
HTN	dendritic_cell	<i>LAPTM5</i>	-0.004784591	0.002012236	0.302816656	1
HTN	dendritic_cell	<i>LBH</i>	-0.003379066	0.020856703	0.600388728	1
HTN	dendritic_cell	<i>LCP2</i>	-0.001669561	0.043947242	0.707425243	1
HTN	dendritic_cell	<i>LILRA6</i>	-0.011445499	0.010880602	0.467787613	1
HTN	dendritic_cell	<i>LIMA1</i>	0.001436345	0.027857442	0.657514544	1
HTN	dendritic_cell	<i>LINC00545</i>	-0.00912495	0.015485043	0.503873367	1
HTN	dendritic_cell	<i>LINC00969</i>	0.005252754	0.00061647	0.302816656	1
HTN	dendritic_cell	<i>LLGL2</i>	-0.006206544	0.002638238	0.302816656	1
HTN	dendritic_cell	<i>LPCAT2</i>	0.003113534	0.039025536	0.698253305	1
HTN	dendritic_cell	<i>LRMP</i>	-0.002929326	0.002544327	0.302816656	1

HTN	dendritic_cell	<i>LRP1B</i>	0.002419553	0.001921862	0.302816656	1
HTN	dendritic_cell	<i>LURAP1L</i>	0.004954286	0.017525577	0.540149221	1
HTN	dendritic_cell	<i>LYSMD4</i>	0.011818729	0.000864169	0.302816656	1
HTN	dendritic_cell	<i>MALRD1</i>	0.009849855	0.00326552	0.302816656	1
HTN	dendritic_cell	<i>MAP3K5</i>	-0.002421396	0.003643818	0.302816656	1
HTN	dendritic_cell	<i>MBNL1</i>	-0.00120728	0.016187409	0.517146727	1
HTN	dendritic_cell	<i>ME3</i>	0.006301191	0.020882795	0.600388728	1
HTN	dendritic_cell	<i>MEST</i>	0.003273416	0.046897877	0.720041848	1
HTN	dendritic_cell	<i>MICA</i>	0.014156316	0.006755428	0.401699015	1
HTN	dendritic_cell	<i>MILR1</i>	0.008292439	0.041374424	0.704504667	1
HTN	dendritic_cell	<i>MLLT6</i>	-0.003477525	0.007939245	0.417443323	1
HTN	dendritic_cell	<i>MLXIPL</i>	0.002984406	0.018515989	0.558846205	1
HTN	dendritic_cell	<i>MMP25</i>	-0.003995524	0.031801449	0.657514544	1
HTN	dendritic_cell	<i>MOGAT1</i>	0.009468271	0.039776949	0.704504667	1
HTN	dendritic_cell	<i>MRAS</i>	0.007030708	0.013380185	0.496645867	1
HTN	dendritic_cell	<i>MTHFR</i>	0.004931569	0.026790798	0.657514544	1
HTN	dendritic_cell	<i>MTMR3</i>	-0.002461893	0.042054026	0.704504667	1
HTN	dendritic_cell	<i>MUM1</i>	0.005986057	0.008244368	0.417443323	1
HTN	dendritic_cell	<i>MYBL1</i>	-0.002311736	0.008625019	0.419856421	1
HTN	dendritic_cell	<i>MYL12A</i>	-0.007862668	0.00269141	0.302816656	1
HTN	dendritic_cell	<i>MYO1F</i>	-0.001020345	0.007724239	0.417443323	1
HTN	dendritic_cell	<i>NAALAD2</i>	0.00820641	0.002904393	0.302816656	1
HTN	dendritic_cell	<i>NCKAP1</i>	0.002201387	0.033934943	0.66598686	1
HTN	dendritic_cell	<i>NCLN</i>	-0.007813204	0.034693546	0.670145862	1
HTN	dendritic_cell	<i>NEK11</i>	0.006124418	0.004053771	0.302816656	1
HTN	dendritic_cell	<i>NFATC3</i>	-0.001917796	0.046258597	0.720041848	1
HTN	dendritic_cell	<i>NFIA</i>	0.001450671	0.009181511	0.423310383	1
HTN	dendritic_cell	<i>NFIC</i>	0.003490905	0.014319672	0.503140539	1
HTN	dendritic_cell	<i>NFIX</i>	0.004291507	0.045370101	0.715507785	1
HTN	dendritic_cell	<i>NLRP2</i>	-0.014489691	0.029462211	0.657514544	1
HTN	dendritic_cell	<i>NMNAT3</i>	0.006297023	0.01311218	0.495939181	1
HTN	dendritic_cell	<i>NMRAL1</i>	-0.007595096	0.030028329	0.657514544	1
HTN	dendritic_cell	<i>NPIPA1</i>	0.014703975	0.038477487	0.698253305	1
HTN	dendritic_cell	<i>NPIPA5</i>	-0.027070138	0.026969535	0.657514544	1
HTN	dendritic_cell	<i>NRXN2</i>	-0.013211537	0.031159266	0.657514544	1
HTN	dendritic_cell	<i>NUAK2</i>	-0.014261652	0.003534855	0.302816656	1
HTN	dendritic_cell	<i>ORAI2</i>	-0.00635807	0.015598489	0.503873367	1
HTN	dendritic_cell	<i>OSBPL3</i>	-0.002462145	0.0339717	0.66598686	1
HTN	dendritic_cell	<i>OSCP1</i>	0.013304899	0.01263194	0.489832132	1
HTN	dendritic_cell	<i>PACSI</i>	-0.001859082	0.005056521	0.335753008	1
HTN	dendritic_cell	<i>PAPSS2</i>	0.003502129	0.007135443	0.407958878	1
HTN	dendritic_cell	<i>PAQR5</i>	0.003682499	0.049883485	0.723552688	1
HTN	dendritic_cell	<i>PARD3</i>	0.001147487	0.024614448	0.635198626	1
HTN	dendritic_cell	<i>PARP14</i>	-0.003134791	0.003504114	0.302816656	1
HTN	dendritic_cell	<i>PARP15</i>	-0.003865752	0.002212803	0.302816656	1
HTN	dendritic_cell	<i>PARP8</i>	-0.001881081	0.000716526	0.302816656	1
HTN	dendritic_cell	<i>PARVB</i>	0.005285889	0.003980106	0.302816656	1
HTN	dendritic_cell	<i>PATL2</i>	-0.005777671	0.006247697	0.393013014	1
HTN	dendritic_cell	<i>PBX1</i>	0.001659764	0.00467452	0.324824794	1
HTN	dendritic_cell	<i>PCSK7</i>	-0.002483258	0.038402309	0.698253305	1
HTN	dendritic_cell	<i>PDE8B</i>	0.006579849	0.023183372	0.615711687	1
HTN	dendritic_cell	<i>PEPD</i>	0.005056973	0.021532166	0.607923848	1

HTN	dendritic_cell	<i>PEX6</i>	-0.00773237	0.014107438	0.503140539	1
HTN	dendritic_cell	<i>PHF2</i>	-0.00537469	0.039758151	0.704504667	1
HTN	dendritic_cell	<i>PHYHD1</i>	0.007336177	0.046957595	0.720041848	1
HTN	dendritic_cell	<i>PLCD3</i>	0.018821635	0.021097997	0.600388728	1
HTN	dendritic_cell	<i>PLEKHA6</i>	0.010620166	0.007847576	0.417443323	1
HTN	dendritic_cell	<i>POC1B</i>	-0.005236932	0.030106623	0.657514544	1
HTN	dendritic_cell	<i>POMP</i>	-0.006698138	0.016165585	0.517146727	1
HTN	dendritic_cell	<i>PPP2R1A</i>	-0.01042475	0.027662258	0.657514544	1
HTN	dendritic_cell	<i>PPP2R1B</i>	0.002765979	0.045862383	0.719353291	1
HTN	dendritic_cell	<i>PPP3R1</i>	-0.010471536	0.042379551	0.704504667	1
HTN	dendritic_cell	<i>PRRC2C</i>	-0.002127978	0.049630885	0.722748997	1
HTN	dendritic_cell	<i>PRSS42</i>	0.072806533	0.032626192	0.658809163	1
HTN	dendritic_cell	<i>PSD4</i>	-0.008802238	0.000882465	0.302816656	1
HTN	dendritic_cell	<i>PSMB9</i>	-0.003544683	0.019358809	0.575563385	1
HTN	dendritic_cell	<i>PSMD13</i>	-0.005652666	0.011764613	0.479295533	1
HTN	dendritic_cell	<i>PSTPIP1</i>	-0.007686855	0.001313565	0.302816656	1
HTN	dendritic_cell	<i>PTGDR</i>	-0.004655943	0.005046402	0.335753008	1
HTN	dendritic_cell	<i>PTGER3</i>	0.001681339	0.027768709	0.657514544	1
HTN	dendritic_cell	<i>PTGR1</i>	0.005588175	0.032525161	0.658809163	1
HTN	dendritic_cell	<i>PTH2R</i>	0.006457686	0.031354808	0.657514544	1
HTN	dendritic_cell	<i>PTPRJ</i>	-0.001096079	0.02881563	0.657514544	1
HTN	dendritic_cell	<i>PTPRS</i>	0.002167209	0.047861782	0.722065968	1
HTN	dendritic_cell	<i>PYHIN1</i>	-0.001843664	0.007107067	0.407958878	1
HTN	dendritic_cell	<i>QDPR</i>	0.009674205	0.031001527	0.657514544	1
HTN	dendritic_cell	<i>RAB2A</i>	-0.003199522	0.038850796	0.698253305	1
HTN	dendritic_cell	<i>RABGAP1L</i>	-0.00134411	0.0058215	0.378144404	1
HTN	dendritic_cell	<i>RALGAP1</i>	0.001542235	0.030573113	0.657514544	1
HTN	dendritic_cell	<i>RAP1A</i>	-0.003234238	0.001942557	0.302816656	1
HTN	dendritic_cell	<i>RASAL3</i>	-0.00504545	0.009450714	0.427859577	1
HTN	dendritic_cell	<i>RBL2</i>	-0.002397906	0.011895572	0.479295533	1
HTN	dendritic_cell	<i>RCSD1</i>	-0.00201935	0.004459908	0.321113347	1
HTN	dendritic_cell	<i>RET</i>	0.018108116	0.04895549	0.722065968	1
HTN	dendritic_cell	<i>RGS17</i>	0.005718145	0.048229703	0.722065968	1
HTN	dendritic_cell	<i>RGS19</i>	-0.007558251	0.025563181	0.647311733	1
HTN	dendritic_cell	<i>RGS9</i>	-0.008864143	0.032943762	0.660490398	1
HTN	dendritic_cell	<i>RHBDF2</i>	-0.002877221	0.044036511	0.707425243	1
HTN	dendritic_cell	<i>RHOBTB3</i>	0.002614319	0.00201267	0.302816656	1
HTN	dendritic_cell	<i>RHOH</i>	-0.001467963	0.047549995	0.722024368	1
HTN	dendritic_cell	<i>RIC8A</i>	-0.015313963	0.007859676	0.417443323	1
HTN	dendritic_cell	<i>RICTOR</i>	-0.001484907	0.03025101	0.657514544	1
HTN	dendritic_cell	<i>RIF1</i>	0.003765075	0.040962405	0.704504667	1
HTN	dendritic_cell	<i>RNF149</i>	-0.000900225	0.043625382	0.707425243	1
HTN	dendritic_cell	<i>RNF150</i>	0.002526218	0.042557929	0.704504667	1
HTN	dendritic_cell	<i>RNF166</i>	-0.007374641	0.013069031	0.495939181	1
HTN	dendritic_cell	<i>RNF213</i>	-0.002092064	0.006543571	0.401699015	1
HTN	dendritic_cell	<i>RPL12</i>	-0.005534326	0.001694164	0.302816656	1
HTN	dendritic_cell	<i>RPP25L</i>	-0.031623928	0.043831076	0.707425243	1
HTN	dendritic_cell	<i>RPS11</i>	-0.003063287	0.016269007	0.517146727	1
HTN	dendritic_cell	<i>RPS13</i>	-0.007766394	0.022041668	0.607923848	1
HTN	dendritic_cell	<i>RPS18</i>	-0.002926855	0.029221488	0.657514544	1
HTN	dendritic_cell	<i>RPS3</i>	-0.004132425	0.015548085	0.503873367	1
HTN	dendritic_cell	<i>RPS6KB1</i>	0.00432578	0.030668796	0.657514544	1

HTN	dendritic_cell	<i>RPS8</i>	-0.004311891	0.02555944	0.647311733	1
HTN	dendritic_cell	<i>RPS9</i>	-0.005614739	0.00119348	0.302816656	1
HTN	dendritic_cell	<i>RRN3</i>	0.014537927	0.00244517	0.302816656	1
HTN	dendritic_cell	<i>RTN4</i>	0.002371627	0.033256644	0.662472343	1
HTN	dendritic_cell	<i>SI00A10</i>	0.001908416	0.043513585	0.707425243	1
HTN	dendritic_cell	<i>SI00A3</i>	0.088797679	0.024377707	0.635198626	1
HTN	dendritic_cell	<i>SAMD9</i>	-0.006177754	0.010769362	0.466360177	1
HTN	dendritic_cell	<i>SEL1L3</i>	-0.001391515	0.048365575	0.722065968	1
HTN	dendritic_cell	<i>SEMA4D</i>	-0.0026342	0.003093323	0.302816656	1
HTN	dendritic_cell	<i>SFII</i>	-0.003360787	0.041338943	0.704504667	1
HTN	dendritic_cell	<i>SH3BP1</i>	-0.009522854	0.035054063	0.670145862	1
HTN	dendritic_cell	<i>SIRT3</i>	0.009373302	0.010104578	0.450634031	1
HTN	dendritic_cell	<i>SLC14A1</i>	-0.01238659	0.040181123	0.704504667	1
HTN	dendritic_cell	<i>SLC15A5</i>	0.014184923	0.044939406	0.71424971	1
HTN	dendritic_cell	<i>SLC19A3</i>	0.002502371	0.01537913	0.503873367	1
HTN	dendritic_cell	<i>SLC25A24</i>	0.005956093	0.038869582	0.698253305	1
HTN	dendritic_cell	<i>SLC25A27</i>	0.004212043	0.033990293	0.66598686	1
HTN	dendritic_cell	<i>SLC26A8</i>	0.02990236	0.003679563	0.302816656	1
HTN	dendritic_cell	<i>SLC44A2</i>	-0.005098891	0.002357994	0.302816656	1
HTN	dendritic_cell	<i>SLC9A3R1</i>	-0.006758744	0.022895805	0.610827377	1
HTN	dendritic_cell	<i>SLCO3A1</i>	-0.001058112	0.035169403	0.670145862	1
HTN	dendritic_cell	<i>SLFN12L</i>	-0.002294833	0.000598981	0.302816656	1
HTN	dendritic_cell	<i>SLFN13</i>	-0.015596511	0.004792154	0.325430852	1
HTN	dendritic_cell	<i>SMCHD1</i>	-0.001075405	0.002640164	0.302816656	1
HTN	dendritic_cell	<i>SP100</i>	-0.002312142	0.003133819	0.302816656	1
HTN	dendritic_cell	<i>SP110</i>	-0.003690446	0.002268296	0.302816656	1
HTN	dendritic_cell	<i>SPATA22</i>	0.00449047	0.032061116	0.657514544	1
HTN	dendritic_cell	<i>SPATA7</i>	0.006513791	0.009434562	0.427859577	1
HTN	dendritic_cell	<i>SPATA9</i>	0.00476953	0.048437592	0.722065968	1
HTN	dendritic_cell	<i>SPIRE1</i>	0.002977206	0.048925654	0.722065968	1
HTN	dendritic_cell	<i>SRGAP1</i>	0.003717378	0.002721608	0.302816656	1
HTN	dendritic_cell	<i>SRPK2</i>	-0.001401048	0.001659865	0.302816656	1
HTN	dendritic_cell	<i>SRR</i>	0.010188398	0.046319642	0.720041848	1
HTN	dendritic_cell	<i>ST3GAL6</i>	0.008028168	3.68E-05	0.17001644	0.219842234
HTN	dendritic_cell	<i>ST8SIA1</i>	0.001249462	0.040612251	0.704504667	1
HTN	dendritic_cell	<i>STAT4</i>	-0.002060243	0.002675481	0.302816656	1
HTN	dendritic_cell	<i>STIM2</i>	-0.004432046	0.003914095	0.302816656	1
HTN	dendritic_cell	<i>STK17A</i>	-0.002897533	0.003018972	0.302816656	1
HTN	dendritic_cell	<i>STUB1</i>	-0.008783547	0.011060829	0.468616117	1
HTN	dendritic_cell	<i>SULF1</i>	0.002887618	0.025157849	0.64525024	1
HTN	dendritic_cell	<i>SULT1B1</i>	-0.010996463	0.040653948	0.704504667	1
HTN	dendritic_cell	<i>SYT17</i>	0.00599911	0.027341052	0.657514544	1
HTN	dendritic_cell	<i>TACC2</i>	0.005063166	0.010439218	0.458711527	1
HTN	dendritic_cell	<i>TACC3</i>	-0.00993482	0.017410867	0.540149221	1
HTN	dendritic_cell	<i>TAF10</i>	-0.012638722	0.012317809	0.481119121	1
HTN	dendritic_cell	<i>TAP1</i>	-0.009516569	0.008979142	0.423310383	1
HTN	dendritic_cell	<i>TAPBP</i>	-0.004775155	0.003404084	0.302816656	1
HTN	dendritic_cell	<i>TAPBPL</i>	-0.008243616	0.011307814	0.471152788	1
HTN	dendritic_cell	<i>TBC1D10C</i>	-0.007164903	0.001980885	0.302816656	1
HTN	dendritic_cell	<i>TBC1D4</i>	0.003153969	0.028486419	0.657514544	1
HTN	dendritic_cell	<i>TEF</i>	0.010972696	0.020156372	0.593371815	1
HTN	dendritic_cell	<i>TFEB</i>	-0.004855255	0.023284947	0.615711687	1

HTN	dendritic_cell	<i>TFPT</i>	0.024710638	0.014897379	0.503140539	1
HTN	dendritic_cell	<i>TGOLN2</i>	-0.003085739	0.021035123	0.600388728	1
HTN	dendritic_cell	<i>TIPIN</i>	0.009004593	0.031067447	0.657514544	1
HTN	dendritic_cell	<i>TK2</i>	0.007129518	0.030320067	0.657514544	1
HTN	dendritic_cell	<i>TLN2</i>	0.001894513	0.027956881	0.657514544	1
HTN	dendritic_cell	<i>TMC5</i>	0.018792147	0.037632202	0.696253996	1
HTN	dendritic_cell	<i>TMC6</i>	-0.007859979	0.001092047	0.302816656	1
HTN	dendritic_cell	<i>TMEM132C</i>	0.002256319	0.021802437	0.607923848	1
HTN	dendritic_cell	<i>TMEM2</i>	-0.002662567	0.039584651	0.704504667	1
HTN	dendritic_cell	<i>TMEM232</i>	0.008301161	0.038833413	0.698253305	1
HTN	dendritic_cell	<i>TNKS2</i>	-0.003980157	0.03367034	0.66598686	1
HTN	dendritic_cell	<i>TOR1B</i>	-0.019282783	0.01416102	0.503140539	1
HTN	dendritic_cell	<i>TRHDE</i>	0.002327985	0.001563098	0.302816656	1
HTN	dendritic_cell	<i>TRIM5</i>	-0.003913416	0.015363771	0.503873367	1
HTN	dendritic_cell	<i>TSPAN4</i>	0.007511999	0.003486688	0.302816656	1
HTN	dendritic_cell	<i>TTC7B</i>	0.003134305	0.01356449	0.497309147	1
HTN	dendritic_cell	<i>TUBB8</i>	-0.018036007	0.0493962	0.722065968	1
HTN	dendritic_cell	<i>TXN2</i>	0.007798929	0.034938847	0.670145862	1
HTN	dendritic_cell	<i>U91324.1</i>	0.016778362	0.041864207	0.704504667	1
HTN	dendritic_cell	<i>UBAC1</i>	0.007487873	0.012221857	0.481119121	1
HTN	dendritic_cell	<i>UBQLN1</i>	0.003579279	0.007999491	0.417443323	1
HTN	dendritic_cell	<i>UGGT2</i>	0.003616541	0.001521833	0.302816656	1
HTN	dendritic_cell	<i>UNC45B</i>	0.091620491	0.030885801	0.657514544	1
HTN	dendritic_cell	<i>USP15</i>	-0.001274271	0.024553296	0.635198626	1
HTN	dendritic_cell	<i>USP40</i>	0.005149486	0.013217844	0.496645867	1
HTN	dendritic_cell	<i>USP42</i>	-0.008837131	0.017188944	0.540149221	1
HTN	dendritic_cell	<i>VAV3</i>	-0.001697757	0.022487748	0.607923848	1
HTN	dendritic_cell	<i>VPS28</i>	-0.008734583	0.012716423	0.489832132	1
HTN	dendritic_cell	<i>WAC</i>	-0.002233915	0.001892391	0.302816656	1
HTN	dendritic_cell	<i>WDR17</i>	0.00634096	0.031321625	0.657514544	1
HTN	dendritic_cell	<i>WDR19</i>	0.006959264	0.006668389	0.401699015	1
HTN	dendritic_cell	<i>WDR41</i>	0.004807922	0.036705005	0.683758837	1
HTN	dendritic_cell	<i>WDR93</i>	0.005771398	0.045108849	0.715041058	1
HTN	dendritic_cell	<i>WIPF1</i>	-0.001625122	0.02190226	0.607923848	1
HTN	dendritic_cell	<i>XPO6</i>	-0.001489269	0.022084729	0.607923848	1
HTN	dendritic_cell	<i>ZC3H12C</i>	0.003438591	0.036842427	0.683758837	1
HTN	dendritic_cell	<i>ZDHHC11B</i>	0.011911491	0.031124105	0.657514544	1
HTN	dendritic_cell	<i>ZFAT</i>	-0.00753159	0.017534965	0.540149221	1
HTN	dendritic_cell	<i>ZFHX3</i>	0.001887349	0.012786783	0.489832132	1
HTN	dendritic_cell	<i>ZNF117</i>	0.005807625	0.00915865	0.423310383	1
HTN	dendritic_cell	<i>ZNF143</i>	-0.006663019	0.01143192	0.471152788	1
HTN	dendritic_cell	<i>ZNF200</i>	-0.012482287	0.049323259	0.722065968	1
HTN	dendritic_cell	<i>ZNF248</i>	0.004972906	0.022457217	0.607923848	1
HTN	dendritic_cell	<i>ZNF33A</i>	-0.003922284	0.045377753	0.715507785	1
HTN	dendritic_cell	<i>ZNF483</i>	0.009637165	0.018749023	0.563036	1
HTN	dendritic_cell	<i>ZNF704</i>	0.001877708	0.014175909	0.503140539	1
HTN	dendritic_cell	<i>ZNF816</i>	-0.023279077	0.03856557	0.698253305	1
HTN	dendritic_cell	<i>ZNF93</i>	-0.007426289	0.042908681	0.706397467	1
HTN	dendritic_cell	<i>CCL4L2</i>	-0.00731743	0.049318971	0.722065968	1
HTN	dendritic_cell	<i>LILRA4</i>	-0.061456017	0.042432703	0.704504667	1
HTN	endothelial	<i>ABCF3</i>	0.017958213	0.031299762	0.493745145	1
HTN	endothelial	<i>ABHD3</i>	-0.003120241	0.03706374	0.521159787	1

HTN	endothelial	<i>AC009495.3</i>	-0.016872444	0.042772357	0.547012564	1
HTN	endothelial	<i>AC067945.3</i>	-0.009779413	0.038844652	0.532300431	1
HTN	endothelial	<i>AC107021.1</i>	0.0062426	0.004741918	0.2361475	1
HTN	endothelial	<i>AC131971.1</i>	0.042384571	0.049846019	0.567714411	1
HTN	endothelial	<i>ACER3</i>	0.002243411	0.002636934	0.188834809	1
HTN	endothelial	<i>ACOT11</i>	0.006236433	0.016269955	0.41550963	1
HTN	endothelial	<i>ACSM5</i>	0.009770551	0.045531749	0.552810968	1
HTN	endothelial	<i>ACSS3</i>	0.003427734	0.018816531	0.439450803	1
HTN	endothelial	<i>ACTR3</i>	-0.003428869	0.002247215	0.188547621	1
HTN	endothelial	<i>ACVR1C</i>	0.002695548	0.030239745	0.490660555	1
HTN	endothelial	<i>ADAM19</i>	-0.002551869	0.021809332	0.454120454	1
HTN	endothelial	<i>ADAM33</i>	0.005864827	0.008156743	0.304654353	1
HTN	endothelial	<i>ADH1B</i>	0.002515706	0.003581745	0.215725345	1
HTN	endothelial	<i>ADIPOQ</i>	0.00209508	0.049027463	0.566708166	1
HTN	endothelial	<i>AGTPBP1</i>	-0.003985926	0.000255974	0.090667997	1
HTN	endothelial	<i>AH11</i>	0.002199787	0.00358628	0.215725345	1
HTN	endothelial	<i>AIMP2</i>	0.015018877	0.002493328	0.188834809	1
HTN	endothelial	<i>AKAP10</i>	-0.002413308	0.019468969	0.439450803	1
HTN	endothelial	<i>ALDH7A1</i>	0.00631285	0.041387415	0.54239296	1
HTN	endothelial	<i>ALS2</i>	0.003259172	0.00767237	0.301645266	1
HTN	endothelial	<i>ALS2CR12</i>	0.016300116	0.011854753	0.353133423	1
HTN	endothelial	<i>ANGEL2</i>	0.002922225	0.041788405	0.544918689	1
HTN	endothelial	<i>ANK3</i>	-0.002037393	0.013271191	0.370601098	1
HTN	endothelial	<i>ANKDD1B</i>	0.007570233	0.029016407	0.48849607	1
HTN	endothelial	<i>ANKLE2</i>	-0.004902685	0.023009596	0.466119809	1
HTN	endothelial	<i>ANKRD44</i>	-0.001219107	0.001246991	0.146530116	1
HTN	endothelial	<i>ANKS1A</i>	0.001795558	0.040867236	0.54239296	1
HTN	endothelial	<i>AOAH</i>	-0.001133985	0.002376683	0.188834809	1
HTN	endothelial	<i>AP001007.1</i>	-0.029077487	0.024533659	0.471424899	1
HTN	endothelial	<i>AP2A1</i>	-0.006503998	0.036793073	0.520794415	1
HTN	endothelial	<i>APBB1IP</i>	-0.000952512	0.029335006	0.48849607	1
HTN	endothelial	<i>APOBEC3G</i>	-0.005370552	0.031818398	0.493745145	1
HTN	endothelial	<i>ARHGAP9</i>	-0.006485228	0.004247852	0.224647473	1
HTN	endothelial	<i>ARHGD1B</i>	-0.004774831	0.000504771	0.114797328	1
HTN	endothelial	<i>ARID5B</i>	-0.001733423	0.02250839	0.460815519	1
HTN	endothelial	<i>ARPC2</i>	-0.002321472	0.002986882	0.197902931	1
HTN	endothelial	<i>ARPC3</i>	-0.006194146	0.024025548	0.471424899	1
HTN	endothelial	<i>ARRDC1</i>	-0.010799894	0.035100059	0.506661715	1
HTN	endothelial	<i>ARSG</i>	-0.003929003	0.012147887	0.353133423	1
HTN	endothelial	<i>ASB4</i>	0.037779987	0.047545779	0.560421257	1
HTN	endothelial	<i>ATG10</i>	0.00458233	0.034989419	0.506661715	1
HTN	endothelial	<i>ATIC</i>	-0.01139735	0.021490807	0.454120454	1
HTN	endothelial	<i>ATP10D</i>	-0.00386262	0.029759688	0.489928084	1
HTN	endothelial	<i>ATP11B</i>	-0.003384037	0.007894906	0.302435612	1
HTN	endothelial	<i>ATP1B1</i>	0.007249086	0.019382276	0.439450803	1
HTN	endothelial	<i>ATP2A3</i>	-0.004901332	0.000637965	0.11552969	1
HTN	endothelial	<i>ATP6V0D2</i>	0.022747581	0.009096905	0.32278206	1
HTN	endothelial	<i>ATP6V1D</i>	0.006794969	0.04111235	0.54239296	1
HTN	endothelial	<i>ATP8A1</i>	-0.003627097	0.000257924	0.090667997	1
HTN	endothelial	<i>BACE2</i>	0.001583203	0.030240991	0.490660555	1
HTN	endothelial	<i>BCAP29</i>	0.006243883	0.040758483	0.54239296	1
HTN	endothelial	<i>BCL2L1</i>	-0.004346131	0.007430385	0.296026553	1

HTN	endothelial	<i>BCL9</i>	0.004670558	0.03300613	0.49809251	1
HTN	endothelial	<i>BCR</i>	-0.003264068	0.031799428	0.493745145	1
HTN	endothelial	<i>BIRC3</i>	-0.002147655	0.038683613	0.532077246	1
HTN	endothelial	<i>BLK</i>	-0.002619742	0.01754127	0.427863799	1
HTN	endothelial	<i>BMP2K</i>	0.000969411	0.046897984	0.559019534	1
HTN	endothelial	<i>BMPRI1A</i>	0.001966054	0.0060425	0.267481339	1
HTN	endothelial	<i>BNC2</i>	0.001227443	0.015346605	0.4022426	1
HTN	endothelial	<i>BTBD19</i>	0.010308181	0.043285912	0.547057085	1
HTN	endothelial	<i>BTBD3</i>	0.006295505	0.046352077	0.554591258	1
HTN	endothelial	<i>BTN3A1</i>	-0.00391307	0.009429864	0.32278206	1
HTN	endothelial	<i>BTN3A2</i>	-0.005413538	0.014447016	0.38822835	1
HTN	endothelial	<i>C14orf132</i>	0.010370985	0.033863273	0.503361407	1
HTN	endothelial	<i>C17orf75</i>	-0.012792171	0.019487025	0.439450803	1
HTN	endothelial	<i>C18orf8</i>	-0.005980944	0.02241631	0.460815519	1
HTN	endothelial	<i>C19orf18</i>	0.016778565	0.006300379	0.273894278	1
HTN	endothelial	<i>C1QTNF4</i>	0.016581793	0.029982938	0.490660555	1
HTN	endothelial	<i>C1QTNF7</i>	0.005928812	0.000900772	0.125536966	1
HTN	endothelial	<i>C1orf112</i>	-0.005284223	0.025563498	0.476746239	1
HTN	endothelial	<i>C1orf186</i>	0.002808857	0.020787412	0.448467772	1
HTN	endothelial	<i>C20orf96</i>	0.009601877	0.036950608	0.520794415	1
HTN	endothelial	<i>C2CD2</i>	0.004640772	0.016808565	0.418533277	1
HTN	endothelial	<i>C2orf88</i>	0.006086356	0.00983526	0.326961386	1
HTN	endothelial	<i>C4orf45</i>	0.008271459	0.021633478	0.454120454	1
HTN	endothelial	<i>C6</i>	0.005841368	0.006807269	0.282501664	1
HTN	endothelial	<i>C6orf201</i>	-0.01761936	0.034230821	0.503361407	1
HTN	endothelial	<i>CACNA2D1</i>	0.002006495	0.006311032	0.273894278	1
HTN	endothelial	<i>CALR</i>	-0.00325654	0.041134055	0.54239296	1
HTN	endothelial	<i>CASP8</i>	-0.003981342	0.00088181	0.125536966	1
HTN	endothelial	<i>CAT</i>	0.003127165	0.042496453	0.547012564	1
HTN	endothelial	<i>CCDC171</i>	0.008105891	0.008036334	0.30417298	1
HTN	endothelial	<i>CCDC88C</i>	-0.003272005	0.00015729	0.090667997	0.939963793
HTN	endothelial	<i>CCL4</i>	-0.005271941	0.001537043	0.161052666	1
HTN	endothelial	<i>CCSER2</i>	-0.002672794	0.039125741	0.532609176	1
HTN	endothelial	<i>CD37</i>	-0.004335305	0.003416423	0.212672324	1
HTN	endothelial	<i>CD3E</i>	-0.005190568	0.017695192	0.428263403	1
HTN	endothelial	<i>CD52</i>	-0.005726474	0.003903462	0.217951978	1
HTN	endothelial	<i>CD80</i>	-0.015797046	0.003046698	0.197902931	1
HTN	endothelial	<i>CDC25B</i>	-0.010323514	0.018886108	0.439450803	1
HTN	endothelial	<i>CDC42SE1</i>	-0.005642352	0.000610086	0.114797328	1
HTN	endothelial	<i>CDC42SE2</i>	-0.001650627	0.002710541	0.188858427	1
HTN	endothelial	<i>CDK19</i>	-0.003446444	0.008042057	0.30417298	1
HTN	endothelial	<i>CDON</i>	0.002992979	0.023994339	0.471424899	1
HTN	endothelial	<i>CEACAM21</i>	-0.005363786	0.031500791	0.493745145	1
HTN	endothelial	<i>CENPJ</i>	0.008378046	0.048827723	0.566708166	1
HTN	endothelial	<i>CENPP</i>	0.003664595	0.037996859	0.526842757	1
HTN	endothelial	<i>CEP41</i>	0.014675587	0.039899512	0.537595544	1
HTN	endothelial	<i>CHST11</i>	-0.000986666	0.014710788	0.390718538	1
HTN	endothelial	<i>CHURC1</i>	-0.004026125	0.011497581	0.350558899	1
HTN	endothelial	<i>CIDEA</i>	0.00504794	0.040639424	0.54239296	1
HTN	endothelial	<i>CISD1</i>	-0.008308806	0.027403349	0.481898722	1
HTN	endothelial	<i>CLEC2D</i>	-0.002073253	0.001981342	0.182161503	1
HTN	endothelial	<i>CLIC3</i>	-0.011513215	0.04635613	0.554591258	1

HTN	endothelial	<i>CLSTN3</i>	-0.016143826	0.005470944	0.25149508	1
HTN	endothelial	<i>CMA1</i>	0.007231453	0.020286136	0.447342986	1
HTN	endothelial	<i>CNOT2</i>	-0.004014277	0.018595373	0.439450803	1
HTN	endothelial	<i>CNOT6L</i>	-0.003339581	0.002654305	0.188834809	1
HTN	endothelial	<i>CNRIP1</i>	0.004647809	0.019188402	0.439450803	1
HTN	endothelial	<i>CNTLN</i>	0.002901191	0.007502009	0.296900701	1
HTN	endothelial	<i>COL12A1</i>	0.003343158	0.009984438	0.326961386	1
HTN	endothelial	<i>COL4A4</i>	-0.009663443	0.019271054	0.439450803	1
HTN	endothelial	<i>CORO1A</i>	-0.008158955	0.002116242	0.182700183	1
HTN	endothelial	<i>CREG1</i>	0.007114339	0.015204543	0.40027466	1
HTN	endothelial	<i>CRELD2</i>	-0.009212219	0.039393734	0.535038531	1
HTN	endothelial	<i>CRLF3</i>	-0.004539616	0.013996285	0.381926036	1
HTN	endothelial	<i>CSF1</i>	0.003107872	0.0198584	0.443333022	1
HTN	endothelial	<i>CTCI</i>	-0.011505744	0.002406874	0.188834809	1
HTN	endothelial	<i>CTNNA1</i>	0.005026716	0.000614711	0.114797328	1
HTN	endothelial	<i>CTSC</i>	-0.002564458	0.028392324	0.487564743	1
HTN	endothelial	<i>CTSF</i>	0.00864354	0.046959138	0.559019534	1
HTN	endothelial	<i>CTSW</i>	-0.005073257	0.010012372	0.326961386	1
HTN	endothelial	<i>CTTNBP2</i>	0.004591353	0.001935752	0.180750876	1
HTN	endothelial	<i>CX3CR1</i>	-0.002778301	0.042691203	0.547012564	1
HTN	endothelial	<i>CYBA</i>	-0.0025869	0.003016997	0.197902931	1
HTN	endothelial	<i>CYBRD1</i>	0.004761551	0.010007906	0.326961386	1
HTN	endothelial	<i>CYP11A1</i>	0.027830508	0.038705529	0.532077246	1
HTN	endothelial	<i>CYTH1</i>	-0.00257778	0.000167867	0.090667997	1
HTN	endothelial	<i>DCBLD2</i>	0.004178457	0.029741878	0.489928084	1
HTN	endothelial	<i>DENND4B</i>	-0.00502505	0.045340537	0.552810968	1
HTN	endothelial	<i>DEPTOR</i>	0.004769003	0.018880394	0.439450803	1
HTN	endothelial	<i>DGCR2</i>	-0.005871218	0.009413922	0.32278206	1
HTN	endothelial	<i>DIAPH1</i>	-0.00248943	0.021888791	0.454192421	1
HTN	endothelial	<i>DIRC3</i>	0.002756547	0.001616423	0.163724426	1
HTN	endothelial	<i>DMRT2</i>	0.01628527	0.010424602	0.334932388	1
HTN	endothelial	<i>DNAJC17</i>	-0.003590156	0.031122834	0.493745145	1
HTN	endothelial	<i>DNAJC3-AS1</i>	-0.011744994	0.034001644	0.503361407	1
HTN	endothelial	<i>DOCK8</i>	-0.0011507	0.003908397	0.217951978	1
HTN	endothelial	<i>DPYD</i>	-0.001116705	0.044640091	0.552810968	1
HTN	endothelial	<i>DTNB</i>	-0.005009827	0.01089035	0.342141763	1
HTN	endothelial	<i>DYNC2LI1</i>	0.004617848	0.02818484	0.486323368	1
HTN	endothelial	<i>ECHDC2</i>	0.002215935	0.04979561	0.567714411	1
HTN	endothelial	<i>ECM2</i>	0.004120384	0.005316672	0.251029189	1
HTN	endothelial	<i>EFCAB2</i>	0.007864293	0.000233934	0.090667997	1
HTN	endothelial	<i>EGFR</i>	0.002222937	0.012247499	0.353579958	1
HTN	endothelial	<i>EIF4G3</i>	-0.002349063	0.043506962	0.548518155	1
HTN	endothelial	<i>ELL</i>	-0.004257586	0.01697535	0.41919295	1
HTN	endothelial	<i>EMB</i>	-0.00242732	0.020235052	0.447342986	1
HTN	endothelial	<i>EML4</i>	-0.001331809	0.035617918	0.511665088	1
HTN	endothelial	<i>EMPI</i>	0.00256692	0.020583086	0.448467772	1
HTN	endothelial	<i>ENPP3</i>	0.003252805	0.007821799	0.302435612	1
HTN	endothelial	<i>EPB41</i>	-0.002901605	0.000291108	0.091561212	1
HTN	endothelial	<i>EPDR1</i>	0.005150121	0.045559328	0.552810968	1
HTN	endothelial	<i>EPN2</i>	0.00248511	0.014536435	0.38822835	1
HTN	endothelial	<i>ERCC1</i>	0.003999777	0.008232812	0.30558562	1
HTN	endothelial	<i>ERI2</i>	0.008171444	0.010990851	0.342141763	1

HTN	endothelial	<i>ERMAP</i>	0.009782361	0.024770659	0.472937574	1
HTN	endothelial	<i>ERV3-1</i>	0.008047295	0.002071139	0.182700183	1
HTN	endothelial	<i>EVL</i>	-0.003822551	0.000105745	0.090667997	0.631931819
HTN	endothelial	<i>EXOC6B</i>	0.001812701	0.003639667	0.215725345	1
HTN	endothelial	<i>FAM114A1</i>	0.005108835	0.014552067	0.38822835	1
HTN	endothelial	<i>FAM13A</i>	0.002394228	0.019955921	0.443333022	1
HTN	endothelial	<i>FAM153B</i>	-0.018399408	0.021556592	0.454120454	1
HTN	endothelial	<i>FAM162A</i>	0.005265687	0.045842256	0.55344105	1
HTN	endothelial	<i>FAM47E</i>	0.023403192	0.006890239	0.283972899	1
HTN	endothelial	<i>FASN</i>	0.008181469	0.035869877	0.51404889	1
HTN	endothelial	<i>FCHO2</i>	0.003008513	0.031962733	0.493745145	1
HTN	endothelial	<i>FCRL3</i>	-0.004239815	0.019358111	0.439450803	1
HTN	endothelial	<i>FFAR4</i>	0.013974008	0.003996025	0.217951978	1
HTN	endothelial	<i>FGFBP2</i>	-0.006654004	0.012790417	0.36224647	1
HTN	endothelial	<i>FGFR1</i>	0.0029601	0.005390144	0.251339751	1
HTN	endothelial	<i>FHOD3</i>	0.004693127	0.024384303	0.471424899	1
HTN	endothelial	<i>FKBP11</i>	-0.009962061	0.029493175	0.48849607	1
HTN	endothelial	<i>FKBP7</i>	-0.009264337	0.049440972	0.567714411	1
HTN	endothelial	<i>FKBP9</i>	0.007219138	0.03058693	0.491467271	1
HTN	endothelial	<i>FMN1</i>	0.002275724	0.011244573	0.34637921	1
HTN	endothelial	<i>FNBP1</i>	-0.002424844	0.000876574	0.125536966	1
HTN	endothelial	<i>FOXO6</i>	0.016811211	0.004557758	0.234613253	1
HTN	endothelial	<i>FOXP2</i>	0.001874024	0.045698654	0.552824203	1
HTN	endothelial	<i>FREMI</i>	0.003882831	0.00023209	0.090667997	1
HTN	endothelial	<i>FTCDNL1</i>	0.007420708	0.028534431	0.48849607	1
HTN	endothelial	<i>GABRR2</i>	0.015491745	0.036384521	0.520176791	1
HTN	endothelial	<i>GALNS</i>	0.009982963	0.021662768	0.454120454	1
HTN	endothelial	<i>GATAD1</i>	0.003919804	0.031360877	0.493745145	1
HTN	endothelial	<i>GBP5</i>	-0.006057971	0.009058588	0.32278206	1
HTN	endothelial	<i>GDF5</i>	0.03061038	0.046195277	0.554591258	1
HTN	endothelial	<i>GEMIN4</i>	-0.017400312	0.031696474	0.493745145	1
HTN	endothelial	<i>GHR</i>	0.001774186	0.013839311	0.379374878	1
HTN	endothelial	<i>GLI2</i>	0.006428675	0.027007243	0.480470125	1
HTN	endothelial	<i>GLIPR1</i>	-0.004637415	0.006439794	0.276864811	1
HTN	endothelial	<i>GLIPR1L1</i>	0.007547445	0.04504222	0.552810968	1
HTN	endothelial	<i>GLRX</i>	0.003245187	0.014831799	0.392189521	1
HTN	endothelial	<i>GNAI1</i>	0.002828093	0.037578889	0.523476556	1
HTN	endothelial	<i>GNLY</i>	-0.001374016	0.008665188	0.315750979	1
HTN	endothelial	<i>GOLGA5</i>	0.008412199	0.020750697	0.448467772	1
HTN	endothelial	<i>GPT2</i>	0.006447185	0.019899358	0.443333022	1
HTN	endothelial	<i>GRAMD1C</i>	-0.006093266	0.016689196	0.418533277	1
HTN	endothelial	<i>GREB1L</i>	0.003858165	0.015937801	0.41550963	1
HTN	endothelial	<i>GRK4</i>	0.006865586	0.041232494	0.54239296	1
HTN	endothelial	<i>GRN</i>	0.006154459	0.007207282	0.29101835	1
HTN	endothelial	<i>GSAP</i>	-0.002672011	0.002574274	0.188834809	1
HTN	endothelial	<i>GSK3B</i>	-0.00290404	0.042928623	0.547012564	1
HTN	endothelial	<i>GSTM2</i>	0.010131539	0.004680339	0.235817278	1
HTN	endothelial	<i>GTF2IRD1</i>	0.008720834	0.010663606	0.340779188	1
HTN	endothelial	<i>GTPBP3</i>	-0.024743485	0.024530608	0.471424899	1
HTN	endothelial	<i>HCG27</i>	-0.008588873	0.014385402	0.38822835	1
HTN	endothelial	<i>HCLS1</i>	-0.002557327	0.01120643	0.34637921	1
HTN	endothelial	<i>HELB</i>	-0.003722681	0.026326349	0.476746239	1

HTN	endothelial	<i>HEMK1</i>	0.010665653	0.04417609	0.549660013	1
HTN	endothelial	<i>HFM1</i>	0.009647644	0.000744927	0.123657909	1
HTN	endothelial	<i>HIBCH</i>	0.002632123	0.016148977	0.41550963	1
HTN	endothelial	<i>HLA-A</i>	-0.002505363	0.000345411	0.093826205	1
HTN	endothelial	<i>HLA-B</i>	-0.002275403	6.88E-06	0.020812771	0.041137326
HTN	endothelial	<i>HLA-C</i>	-0.002527873	0.000584564	0.114797328	1
HTN	endothelial	<i>HLA-E</i>	-0.00315213	0.000562231	0.114797328	1
HTN	endothelial	<i>HLA-F</i>	-0.005719993	0.001041268	0.135684979	1
HTN	endothelial	<i>HOXA4</i>	0.032332511	0.012850778	0.36224647	1
HTN	endothelial	<i>HOXA6</i>	0.012254338	0.026114203	0.476746239	1
HTN	endothelial	<i>HOXB3</i>	0.004296351	0.04921469	0.567714411	1
HTN	endothelial	<i>HPGDS</i>	0.001557788	0.045023615	0.552810968	1
HTN	endothelial	<i>HPR</i>	-0.024442952	0.03197446	0.493745145	1
HTN	endothelial	<i>HPS4</i>	0.004145226	0.027981295	0.484684691	1
HTN	endothelial	<i>HRASLS5</i>	0.008596138	0.026800709	0.480470125	1
HTN	endothelial	<i>HTR7</i>	0.006457806	0.030712387	0.491467271	1
HTN	endothelial	<i>ICAM3</i>	-0.014033965	0.000112049	0.090667997	0.669606192
HTN	endothelial	<i>IFITM1</i>	-0.014294268	0.016779692	0.418533277	1
HTN	endothelial	<i>IFITM2</i>	-0.007325499	0.005425507	0.251339751	1
HTN	endothelial	<i>IFNAR2</i>	-0.003590111	0.000395062	0.098370385	1
HTN	endothelial	<i>IGF2R</i>	-0.001268926	0.027417263	0.481898722	1
HTN	endothelial	<i>IKBKB</i>	-0.004090304	0.000779891	0.125536966	1
HTN	endothelial	<i>IKBKE</i>	-0.017607293	0.001022479	0.135684979	1
HTN	endothelial	<i>IKZF3</i>	-0.002303016	0.001701332	0.169452623	1
HTN	endothelial	<i>IL27RA</i>	-0.006404356	0.016912265	0.41919295	1
HTN	endothelial	<i>IL32</i>	-0.005313915	0.037875898	0.526386903	1
HTN	endothelial	<i>INPP4A</i>	-0.002670585	0.003728306	0.216314169	1
HTN	endothelial	<i>ISG20</i>	-0.008477857	0.001116792	0.141998928	1
HTN	endothelial	<i>ITGA4</i>	-0.002158025	0.001213744	0.146530116	1
HTN	endothelial	<i>ITGB2</i>	-0.003702818	0.010787407	0.342141763	1
HTN	endothelial	<i>JAKMIP3</i>	0.03917825	0.03187471	0.493745145	1
HTN	endothelial	<i>JAZF1</i>	-0.001548863	0.020421231	0.448467772	1
HTN	endothelial	<i>KCNAB2</i>	-0.003950472	0.009174253	0.32278206	1
HTN	endothelial	<i>KCNH4</i>	0.018411365	0.003716158	0.216314169	1
HTN	endothelial	<i>KCNIP2</i>	0.006192021	0.025901443	0.476746239	1
HTN	endothelial	<i>KLF14</i>	-0.029452091	0.033302721	0.500080201	1
HTN	endothelial	<i>KLHL31</i>	0.005915297	0.025772892	0.476746239	1
HTN	endothelial	<i>KLRD1</i>	-0.001821553	0.030686532	0.491467271	1
HTN	endothelial	<i>KNSTRN</i>	-0.016093449	0.039844793	0.537595544	1
HTN	endothelial	<i>L3MBTL3</i>	-0.003931299	0.02765414	0.484636778	1
HTN	endothelial	<i>LAMA4</i>	0.001155645	0.042477188	0.547012564	1
HTN	endothelial	<i>LAPTM5</i>	-0.003344549	0.03079695	0.491467271	1
HTN	endothelial	<i>LBH</i>	-0.003135734	0.031871661	0.493745145	1
HTN	endothelial	<i>LCLAT1</i>	-0.004041333	0.041725014	0.544918689	1
HTN	endothelial	<i>LEMD3</i>	-0.004970596	0.009001364	0.32278206	1
HTN	endothelial	<i>LIMA1</i>	0.001423132	0.029293406	0.48849607	1
HTN	endothelial	<i>LINC00926</i>	-0.003523279	0.012115821	0.353133423	1
HTN	endothelial	<i>LINC00969</i>	0.003131088	0.041027985	0.54239296	1
HTN	endothelial	<i>LINC01011</i>	0.019255474	0.032729732	0.49809251	1
HTN	endothelial	<i>LLGL2</i>	-0.006654615	0.001279106	0.146998781	1
HTN	endothelial	<i>LMBR1</i>	-0.004489213	0.022516421	0.460815519	1
HTN	endothelial	<i>LMBRD2</i>	-0.008103631	0.002433858	0.188834809	1

HTN	endothelial	<i>LMO3</i>	0.002679957	0.03436604	0.503361407	1
HTN	endothelial	<i>LNP1</i>	0.017718328	0.048885239	0.566708166	1
HTN	endothelial	<i>LPCAT1</i>	-0.005388624	0.032938652	0.49809251	1
HTN	endothelial	<i>LPCAT2</i>	0.003291851	0.02906338	0.48849607	1
HTN	endothelial	<i>LRGUK</i>	0.018432825	0.022293534	0.460815519	1
HTN	endothelial	<i>LRMP</i>	-0.00277965	0.004201691	0.224190248	1
HTN	endothelial	<i>LRP1B</i>	0.002588817	0.000903295	0.125536966	1
HTN	endothelial	<i>LURAP1L</i>	0.005378128	0.009906339	0.326961386	1
HTN	endothelial	<i>LY75</i>	-0.018067192	0.032343275	0.496872521	1
HTN	endothelial	<i>LYPD5</i>	0.032960795	0.000724355	0.123657909	1
HTN	endothelial	<i>MADCAM1</i>	0.008653285	0.028814203	0.48849607	1
HTN	endothelial	<i>MALRD1</i>	0.010801952	0.001250508	0.146530116	1
HTN	endothelial	<i>MAP3K5</i>	-0.002990892	0.00032898	0.093826205	1
HTN	endothelial	<i>MBNL1</i>	-0.001440911	0.004064159	0.218805551	1
HTN	endothelial	<i>MCUR1</i>	0.010242779	0.02272348	0.461889512	1
HTN	endothelial	<i>ME3</i>	0.006551641	0.016174854	0.41550963	1
HTN	endothelial	<i>MED17</i>	-0.008664649	0.026266446	0.476746239	1
HTN	endothelial	<i>MILR1</i>	0.008789044	0.030840065	0.491467271	1
HTN	endothelial	<i>MLF1</i>	0.006903425	0.034800332	0.506661715	1
HTN	endothelial	<i>MLXIPL</i>	0.003724167	0.00327962	0.207226797	1
HTN	endothelial	<i>MMP25</i>	-0.004657618	0.012390141	0.354275046	1
HTN	endothelial	<i>MOB1A</i>	-0.00336905	0.049498701	0.567714411	1
HTN	endothelial	<i>MOB3A</i>	-0.003029672	0.047402622	0.560421257	1
HTN	endothelial	<i>MPZL3</i>	-0.006071243	0.017269622	0.422964185	1
HTN	endothelial	<i>MRAS</i>	0.008361849	0.003294268	0.207226797	1
HTN	endothelial	<i>MTHFD1</i>	0.005816726	0.027414828	0.481898722	1
HTN	endothelial	<i>MYBL1</i>	-0.00265578	0.002539297	0.188834809	1
HTN	endothelial	<i>MYL12A</i>	-0.009765539	0.000192925	0.090667997	1
HTN	endothelial	<i>MYO1F</i>	-0.001025987	0.007407348	0.296026553	1
HTN	endothelial	<i>MYOF</i>	0.002455084	0.025878818	0.476746239	1
HTN	endothelial	<i>NBPF1</i>	0.00818355	0.045953567	0.553666362	1
HTN	endothelial	<i>NBPF3</i>	0.009770669	0.019431304	0.439450803	1
HTN	endothelial	<i>NCAM2</i>	0.007309122	0.027812791	0.484684691	1
HTN	endothelial	<i>NDE1</i>	-0.002281924	0.033494031	0.501654961	1
HTN	endothelial	<i>NEK11</i>	0.009576394	6.97E-06	0.020812771	0.041625542
HTN	endothelial	<i>NFATC3</i>	-0.001950722	0.042546022	0.547012564	1
HTN	endothelial	<i>NFIA</i>	0.001763096	0.001542507	0.161052666	1
HTN	endothelial	<i>NFIC</i>	0.003089541	0.030060699	0.490660555	1
HTN	endothelial	<i>NFIX</i>	0.004247551	0.047543485	0.560421257	1
HTN	endothelial	<i>NFXL1</i>	0.010043358	0.004593332	0.234613253	1
HTN	endothelial	<i>NIPAI</i>	-0.006185286	0.0413101	0.54239296	1
HTN	endothelial	<i>NIPAL3</i>	-0.004352661	0.012389509	0.354275046	1
HTN	endothelial	<i>NIPSNAP3B</i>	0.012247729	0.005297117	0.251029189	1
HTN	endothelial	<i>NMRAL1</i>	-0.007197025	0.040102866	0.538549947	1
HTN	endothelial	<i>NMUR1</i>	-0.011092032	0.018830141	0.439450803	1
HTN	endothelial	<i>NOXRED1</i>	0.020930032	0.013815662	0.379374878	1
HTN	endothelial	<i>NPC1</i>	-0.006269222	0.000569471	0.114797328	1
HTN	endothelial	<i>NT5E</i>	0.005632865	0.032996126	0.49809251	1
HTN	endothelial	<i>NUAK2</i>	-0.012620121	0.009910392	0.326961386	1
HTN	endothelial	<i>NUP54</i>	-0.004793995	0.039013987	0.532300431	1
HTN	endothelial	<i>OAF</i>	0.00531457	0.009332859	0.32278206	1
HTN	endothelial	<i>OLFML3</i>	0.005839701	0.034929257	0.506661715	1

HTN	endothelial	<i>ORAI2</i>	-0.008608986	0.001044429	0.135684979	1
HTN	endothelial	<i>OSBPL3</i>	-0.00318788	0.006032872	0.267481339	1
HTN	endothelial	<i>OSCP1</i>	0.010747782	0.04375046	0.549660013	1
HTN	endothelial	<i>OSER1-ASI</i>	0.024948824	0.024497951	0.471424899	1
HTN	endothelial	<i>OVCHI-ASI</i>	-0.005966409	0.023111951	0.466611545	1
HTN	endothelial	<i>PACSI</i>	-0.002327994	0.00044017	0.105218298	1
HTN	endothelial	<i>PAPSS2</i>	0.00286021	0.028238656	0.486323368	1
HTN	endothelial	<i>PAQR5</i>	0.004403664	0.019172774	0.439450803	1
HTN	endothelial	<i>PARD3</i>	0.001148801	0.0242159	0.471424899	1
HTN	endothelial	<i>PARP14</i>	-0.002516305	0.01907886	0.439450803	1
HTN	endothelial	<i>PARP15</i>	-0.00380978	0.002534775	0.188834809	1
HTN	endothelial	<i>PARP8</i>	-0.002132894	0.000124063	0.090667997	0.741403353
HTN	endothelial	<i>PARVB</i>	0.004051541	0.027330732	0.481898722	1
HTN	endothelial	<i>PARVG</i>	-0.005290289	0.028824364	0.48849607	1
HTN	endothelial	<i>PATL2</i>	-0.006842114	0.001211825	0.146530116	1
HTN	endothelial	<i>PAXIP1-AS2</i>	0.007206125	0.01193601	0.353133423	1
HTN	endothelial	<i>PBX1</i>	0.001832303	0.001795468	0.175896958	1
HTN	endothelial	<i>PCMTD2</i>	0.006614586	0.045465168	0.552810968	1
HTN	endothelial	<i>PCOLCE2</i>	0.001859558	0.033958305	0.503361407	1
HTN	endothelial	<i>PCSK7</i>	-0.003226284	0.007131561	0.289919778	1
HTN	endothelial	<i>PDCD1LG2</i>	0.011023937	0.023233971	0.467495659	1
HTN	endothelial	<i>PDE8B</i>	0.007375451	0.010951468	0.342141763	1
HTN	endothelial	<i>PEAK1</i>	0.002352698	0.002880321	0.195599978	1
HTN	endothelial	<i>PEPD</i>	0.004904232	0.026069119	0.476746239	1
HTN	endothelial	<i>PEX14</i>	-0.003778937	0.009403055	0.32278206	1
HTN	endothelial	<i>PHLDB1</i>	0.00251725	0.03978392	0.537595544	1
HTN	endothelial	<i>PICALM</i>	-0.001260791	0.021045958	0.45079085	1
HTN	endothelial	<i>PIGB</i>	-0.005592954	0.047503936	0.560421257	1
HTN	endothelial	<i>PKN1</i>	-0.005448994	0.006669039	0.278700527	1
HTN	endothelial	<i>PLD1</i>	0.003224604	0.01216168	0.353133423	1
HTN	endothelial	<i>PMEL</i>	-0.014447429	0.026144401	0.476746239	1
HTN	endothelial	<i>PMS2</i>	-0.011121765	0.026150684	0.476746239	1
HTN	endothelial	<i>POC1B</i>	-0.006124816	0.010992506	0.342141763	1
HTN	endothelial	<i>POGZ</i>	0.003660773	0.016236156	0.41550963	1
HTN	endothelial	<i>POLB</i>	-0.006290167	0.033949946	0.503361407	1
HTN	endothelial	<i>POLI</i>	0.005934033	0.035063148	0.506661715	1
HTN	endothelial	<i>POR</i>	0.002588933	0.045521685	0.552810968	1
HTN	endothelial	<i>PPMIK</i>	-0.004764786	0.022717176	0.461889512	1
HTN	endothelial	<i>PPP6R2</i>	-0.003134461	0.043977743	0.549660013	1
HTN	endothelial	<i>PRKD2</i>	-0.004070936	0.009640511	0.326961386	1
HTN	endothelial	<i>PRKG2</i>	0.004677617	0.006615034	0.278700527	1
HTN	endothelial	<i>PSD4</i>	-0.00633215	0.016346805	0.415695777	1
HTN	endothelial	<i>PSMB9</i>	-0.003445684	0.023375784	0.468213419	1
HTN	endothelial	<i>PSTPIP1</i>	-0.007200394	0.002601606	0.188834809	1
HTN	endothelial	<i>PTGDR</i>	-0.003700429	0.025880489	0.476746239	1
HTN	endothelial	<i>PTGER3</i>	0.001807797	0.017830174	0.429649686	1
HTN	endothelial	<i>PTGRI</i>	0.005576532	0.032931376	0.49809251	1
HTN	endothelial	<i>PTH2R</i>	0.008239273	0.006037871	0.267481339	1
HTN	endothelial	<i>PTPRJ</i>	-0.001043231	0.037495151	0.523476556	1
HTN	endothelial	<i>PTPRS</i>	0.002628862	0.016493218	0.417173065	1
HTN	endothelial	<i>PYHIN1</i>	-0.002295201	0.000802752	0.125536966	1
HTN	endothelial	<i>QDPR</i>	0.009152599	0.041254448	0.54239296	1

HTN	endothelial	<i>RAB5C</i>	0.006473855	0.038730522	0.532077246	1
HTN	endothelial	<i>RABGAP1L</i>	-0.001729443	0.000388936	0.098370385	1
HTN	endothelial	<i>RALGPS2</i>	-0.001067125	0.036771469	0.520794415	1
HTN	endothelial	<i>RAMP2-AS1</i>	0.010052974	0.013521392	0.375831813	1
HTN	endothelial	<i>RAP1A</i>	-0.003463671	0.00089775	0.125536966	1
HTN	endothelial	<i>RASAL3</i>	-0.005819704	0.002717842	0.188858427	1
HTN	endothelial	<i>RASGEF1A</i>	-0.018471798	0.011868405	0.353133423	1
HTN	endothelial	<i>RBCK1</i>	-0.014852461	1.24E-05	0.024728668	0.074186004
HTN	endothelial	<i>RBL2</i>	-0.001966862	0.03899547	0.532300431	1
HTN	endothelial	<i>RBM28</i>	0.005435476	0.031280944	0.493745145	1
HTN	endothelial	<i>RBM43</i>	-0.01272889	0.030296811	0.490660555	1
HTN	endothelial	<i>RCAN3</i>	-0.005045029	0.006621997	0.278700527	1
HTN	endothelial	<i>RCCD1</i>	0.014753517	0.033305208	0.500080201	1
HTN	endothelial	<i>RCSD1</i>	-0.002257431	0.001462249	0.161052666	1
HTN	endothelial	<i>RDH10</i>	0.010342109	0.045582647	0.552810968	1
HTN	endothelial	<i>RDH5</i>	0.00331565	0.007879913	0.302435612	1
HTN	endothelial	<i>RET</i>	0.017930363	0.049934641	0.567714411	1
HTN	endothelial	<i>RFC4</i>	-0.009888286	0.036932525	0.520794415	1
HTN	endothelial	<i>RGS14</i>	-0.010230727	0.004982426	0.240120808	1
HTN	endothelial	<i>RGS17</i>	0.005673511	0.049727748	0.567714411	1
HTN	endothelial	<i>RGS19</i>	-0.008558563	0.011433509	0.350393077	1
HTN	endothelial	<i>RHBDF2</i>	-0.004033234	0.004695826	0.235817278	1
HTN	endothelial	<i>RHOBTB3</i>	0.002636446	0.001876509	0.178000253	1
HTN	endothelial	<i>RHOH</i>	-0.001536787	0.038165957	0.527962405	1
HTN	endothelial	<i>RIFI</i>	0.004228839	0.021575496	0.454120454	1
HTN	endothelial	<i>RNASET2</i>	-0.004605802	0.046401544	0.554591258	1
HTN	endothelial	<i>RNF149</i>	-0.000988066	0.026847896	0.480470125	1
HTN	endothelial	<i>RNF150</i>	0.002663534	0.032544865	0.49809251	1
HTN	endothelial	<i>RNF165</i>	-0.004673583	0.042026727	0.545982007	1
HTN	endothelial	<i>RNF166</i>	-0.008628281	0.00364596	0.215725345	1
HTN	endothelial	<i>RNF213</i>	-0.002129984	0.005638254	0.257207663	1
HTN	endothelial	<i>RNF217</i>	0.00475292	0.020970719	0.45079085	1
HTN	endothelial	<i>RNF34</i>	-0.004385066	0.047747716	0.561693598	1
HTN	endothelial	<i>RPS11</i>	-0.003315547	0.009316891	0.32278206	1
HTN	endothelial	<i>RPS8</i>	-0.004430009	0.021804575	0.454120454	1
HTN	endothelial	<i>RPSA</i>	-0.006469954	0.027976818	0.484684691	1
HTN	endothelial	<i>RTN1</i>	0.001596781	0.034307579	0.503361407	1
HTN	endothelial	<i>RTN4</i>	0.002422432	0.029367139	0.48849607	1
HTN	endothelial	<i>RTN4RL2</i>	0.043844653	0.012037279	0.353133423	1
HTN	endothelial	<i>SI00A10</i>	0.002883523	0.002314532	0.188834809	1
HTN	endothelial	<i>SAMD9</i>	-0.007393402	0.002271658	0.188547621	1
HTN	endothelial	<i>SAP130</i>	0.008755895	0.004926043	0.240120808	1
HTN	endothelial	<i>SDK1</i>	0.001494396	0.027014385	0.480470125	1
HTN	endothelial	<i>SEL1L3</i>	-0.001769023	0.011995834	0.353133423	1
HTN	endothelial	<i>SEMA4D</i>	-0.00263791	0.003036222	0.197902931	1
HTN	endothelial	<i>SERPINI1</i>	-0.006230135	0.042929868	0.547012564	1
HTN	endothelial	<i>SFII</i>	-0.00359017	0.029232583	0.48849607	1
HTN	endothelial	<i>SGPP2</i>	-0.012420815	0.044913679	0.552810968	1
HTN	endothelial	<i>SH3BP1</i>	-0.013168218	0.003567812	0.215725345	1
HTN	endothelial	<i>SIGIRR</i>	-0.005914107	0.04743999	0.560421257	1
HTN	endothelial	<i>SIGLEC11</i>	0.024763618	0.023745266	0.471213266	1
HTN	endothelial	<i>SLC18A2</i>	0.001698985	0.034111169	0.503361407	1

HTN	endothelial	<i>SLC19A3</i>	0.002749003	0.007738947	0.302274171	1
HTN	endothelial	<i>SLC20A1</i>	-0.004821136	0.02361153	0.470341683	1
HTN	endothelial	<i>SLC20A2</i>	0.003028353	0.017163417	0.422092916	1
HTN	endothelial	<i>SLC22A5</i>	0.008138382	0.048083004	0.563419674	1
HTN	endothelial	<i>SLC25A23</i>	0.014635241	0.043299532	0.547057085	1
HTN	endothelial	<i>SLC25A27</i>	0.00435703	0.027940792	0.484684691	1
HTN	endothelial	<i>SLC44A2</i>	-0.005303281	0.001563095	0.161052666	1
HTN	endothelial	<i>SLC5A11</i>	-0.014811684	0.00533479	0.251029189	1
HTN	endothelial	<i>SLC9A3R1</i>	-0.007003231	0.018321309	0.439450803	1
HTN	endothelial	<i>SLCO3A1</i>	-0.001303524	0.009452286	0.32278206	1
HTN	endothelial	<i>SLFN12</i>	0.009242945	0.041853695	0.544918689	1
HTN	endothelial	<i>SLFN12L</i>	-0.002429256	0.000279186	0.091561212	1
HTN	endothelial	<i>SLFN13</i>	-0.012395449	0.025066913	0.476746239	1
HTN	endothelial	<i>SMARCC1</i>	-0.002503418	0.026184612	0.476746239	1
HTN	endothelial	<i>SMCHD1</i>	-0.001030096	0.003998449	0.217951978	1
HTN	endothelial	<i>SMIM19</i>	0.007233962	0.00022244	0.090667997	1
HTN	endothelial	<i>SP100</i>	-0.002199365	0.004856286	0.239844339	1
HTN	endothelial	<i>SP110</i>	-0.004329329	0.000335696	0.093826205	1
HTN	endothelial	<i>SPATA7</i>	0.006612833	0.008995228	0.32278206	1
HTN	endothelial	<i>SPIRE1</i>	0.003044316	0.044179142	0.549660013	1
HTN	endothelial	<i>SPP1</i>	-0.007025942	0.008102183	0.304519773	1
HTN	endothelial	<i>SPTBN1</i>	0.001062651	0.0432208	0.547057085	1
HTN	endothelial	<i>SPTY2D1</i>	-0.006413761	0.042193263	0.546956489	1
HTN	endothelial	<i>SRGAP1</i>	0.003816261	0.00209302	0.182700183	1
HTN	endothelial	<i>ST3GAL6</i>	0.008274919	2.06E-05	0.03079021	0.123160839
HTN	endothelial	<i>ST8SIA1</i>	0.001333319	0.029001284	0.48849607	1
HTN	endothelial	<i>STAT4</i>	-0.002514356	0.000246069	0.090667997	1
HTN	endothelial	<i>STIM2</i>	-0.00413969	0.007046864	0.288438778	1
HTN	endothelial	<i>STK17A</i>	-0.002913124	0.002856108	0.195599978	1
HTN	endothelial	<i>STK17B</i>	-0.001627788	0.025359969	0.476746239	1
HTN	endothelial	<i>STOX1</i>	0.006860468	0.03715996	0.521286202	1
HTN	endothelial	<i>SUMF2</i>	-0.005522819	0.023426341	0.468213419	1
HTN	endothelial	<i>SVEP1</i>	0.003222617	0.002611864	0.188834809	1
HTN	endothelial	<i>SYCP2L</i>	0.006912996	0.00185543	0.178000253	1
HTN	endothelial	<i>TACC2</i>	0.00415987	0.03508057	0.506661715	1
HTN	endothelial	<i>TACC3</i>	-0.008252211	0.047896416	0.562335922	1
HTN	endothelial	<i>TAP1</i>	-0.008194605	0.024657713	0.472290047	1
HTN	endothelial	<i>TAPBP</i>	-0.005601771	0.000598501	0.114797328	1
HTN	endothelial	<i>TBC1D10C</i>	-0.008977171	0.000104913	0.090667997	0.626958188
HTN	endothelial	<i>TBC1D22A</i>	-0.001720955	0.029509217	0.48849607	1
HTN	endothelial	<i>TBC1D4</i>	0.003547864	0.013686483	0.378659376	1
HTN	endothelial	<i>TC2N</i>	-0.001654354	0.024472967	0.471424899	1
HTN	endothelial	<i>TEF</i>	0.012369739	0.008530118	0.312736118	1
HTN	endothelial	<i>TFEB</i>	-0.004526193	0.034293882	0.503361407	1
HTN	endothelial	<i>TFR2</i>	-0.014747638	0.048346245	0.56429133	1
HTN	endothelial	<i>TGOLN2</i>	-0.002957678	0.026959412	0.480470125	1
HTN	endothelial	<i>THOC3</i>	-0.011018423	0.012172939	0.353133423	1
HTN	endothelial	<i>TIPIN</i>	0.014173454	0.000700218	0.123073565	1
HTN	endothelial	<i>TLN2</i>	0.002447024	0.004529353	0.234613253	1
HTN	endothelial	<i>TMC1</i>	0.011832367	0.018504136	0.439450803	1
HTN	endothelial	<i>TMC6</i>	-0.006921541	0.004011834	0.217951978	1
HTN	endothelial	<i>TMCC3</i>	-0.003627853	0.048890649	0.566708166	1

HTN	endothelial	<i>TMEFF2</i>	0.003892952	0.021332169	0.454120454	1
HTN	endothelial	<i>TMEM132C</i>	0.002467109	0.012073689	0.353133423	1
HTN	endothelial	<i>TMEM2</i>	-0.004107905	0.00147522	0.161052666	1
HTN	endothelial	<i>TNFRSF10A</i>	-0.007295421	0.03542589	0.510132822	1
HTN	endothelial	<i>TP53I3</i>	0.007196842	0.048282284	0.56429133	1
HTN	endothelial	<i>TPD52</i>	-0.002568713	0.004001331	0.217951978	1
HTN	endothelial	<i>TRAF1</i>	-0.00527561	0.036526874	0.520794415	1
HTN	endothelial	<i>TRDMT1</i>	-0.00465523	0.048958296	0.566708166	1
HTN	endothelial	<i>TRIM13</i>	-0.003795898	0.024196745	0.471424899	1
HTN	endothelial	<i>TRIM22</i>	-0.003565207	0.016544514	0.417173065	1
HTN	endothelial	<i>TRIM5</i>	-0.0046089	0.004312613	0.226071722	1
HTN	endothelial	<i>TSEN2</i>	0.0066261	0.019698343	0.442546237	1
HTN	endothelial	<i>TTC14</i>	0.002002783	0.049969508	0.567714411	1
HTN	endothelial	<i>TTC7B</i>	0.004025222	0.001553671	0.161052666	1
HTN	endothelial	<i>TYK2</i>	-0.005772404	0.049666372	0.567714411	1
HTN	endothelial	<i>UBA52</i>	-0.002599997	0.037306786	0.52212027	1
HTN	endothelial	<i>UBASH3B</i>	-0.004366411	0.019393877	0.439450803	1
HTN	endothelial	<i>UGP2</i>	0.002319056	0.045007087	0.552810968	1
HTN	endothelial	<i>UPF3A</i>	0.003563876	0.010235584	0.330637023	1
HTN	endothelial	<i>USB1</i>	-0.015779129	0.020644212	0.448467772	1
HTN	endothelial	<i>USP15</i>	-0.001405845	0.013119563	0.368086894	1
HTN	endothelial	<i>USP40</i>	0.005674117	0.006324868	0.273894278	1
HTN	endothelial	<i>VAV3</i>	-0.001646107	0.02678633	0.480470125	1
HTN	endothelial	<i>VEZT</i>	0.004086034	0.014351518	0.38822835	1
HTN	endothelial	<i>VNN2</i>	-0.002823179	0.02874424	0.48849607	1
HTN	endothelial	<i>VSIG10</i>	0.008527632	0.006637337	0.278700527	1
HTN	endothelial	<i>VTI1A</i>	-0.001813718	0.032980506	0.49809251	1
HTN	endothelial	<i>WASF3</i>	0.004413707	0.017700981	0.428263403	1
HTN	endothelial	<i>WDR19</i>	0.007097325	0.005689856	0.257595301	1
HTN	endothelial	<i>WDR41</i>	0.004726437	0.039941838	0.537595544	1
HTN	endothelial	<i>WDSUB1</i>	0.0055055	0.043836833	0.549660013	1
HTN	endothelial	<i>WIPF1</i>	-0.0017076	0.016031202	0.41550963	1
HTN	endothelial	<i>XPO6</i>	-0.001716595	0.008346589	0.307896391	1
HTN	endothelial	<i>YWHAZ</i>	-0.003349634	0.036663975	0.520794415	1
HTN	endothelial	<i>ZCCHC11</i>	-0.00236803	0.041171401	0.54239296	1
HTN	endothelial	<i>ZCCHC3</i>	0.007899197	0.026214559	0.476746239	1
HTN	endothelial	<i>ZDHHC11B</i>	0.011974969	0.030107882	0.490660555	1
HTN	endothelial	<i>ZDHHC20</i>	-0.002956515	0.025219914	0.476746239	1
HTN	endothelial	<i>ZFAT</i>	-0.006323364	0.045605055	0.552810968	1
HTN	endothelial	<i>ZFHX3</i>	0.001887881	0.01276611	0.36224647	1
HTN	endothelial	<i>ZFHX4</i>	0.003076628	0.030700072	0.491467271	1
HTN	endothelial	<i>ZFYVE28</i>	-0.003623567	0.043174777	0.547057085	1
HTN	endothelial	<i>ZNF117</i>	0.006840138	0.002129821	0.182700183	1
HTN	endothelial	<i>ZNF143</i>	-0.006810895	0.009949741	0.326961386	1
HTN	endothelial	<i>ZNF248</i>	0.006707321	0.002140062	0.182700183	1
HTN	endothelial	<i>ZNF285</i>	-0.024882477	0.025427853	0.476746239	1
HTN	endothelial	<i>ZNF33A</i>	-0.005755765	0.003248801	0.207226797	1
HTN	endothelial	<i>ZNF417</i>	0.014627719	0.023812986	0.471213266	1
HTN	endothelial	<i>ZNF436</i>	0.019035363	0.003861708	0.217951978	1
HTN	endothelial	<i>ZNF471</i>	0.00916473	0.044241377	0.549660013	1
HTN	endothelial	<i>ZNF483</i>	0.009456224	0.020640333	0.448467772	1
HTN	endothelial	<i>ZNF567</i>	-0.007331043	0.043925061	0.549660013	1

HTN	endothelial	<i>HLA-DOB</i>	-0.011741221	0.004964016	0.240120808	1
HTN	endothelial	<i>BEND4</i>	-0.017185648	0.032229123	0.496394939	1
HTN	endothelial	<i>KLHDC7A</i>	0.074157628	0.042801733	0.547012564	1
HTN	endothelial	<i>CHIA</i>	0.008667594	0.010214886	0.330637023	1
HTN	LEC	<i>ABCB4</i>	-0.007244502	0.003030339	0.301539809	1
HTN	LEC	<i>ABHD15</i>	-0.010269229	0.021797952	0.485732064	1
HTN	LEC	<i>ABTB1</i>	-0.005032802	0.02188936	0.485732064	1
HTN	LEC	<i>AC067945.3</i>	-0.009652145	0.041751988	0.609623161	1
HTN	LEC	<i>AC107021.1</i>	0.004817954	0.029281951	0.530269516	1
HTN	LEC	<i>ACBD5</i>	-0.004380458	0.020886815	0.485497464	1
HTN	LEC	<i>ACER3</i>	0.002269809	0.002340679	0.27775449	1
HTN	LEC	<i>ACSM5</i>	0.010186298	0.036565012	0.586947742	1
HTN	LEC	<i>ACTR3</i>	-0.002628916	0.01911909	0.466349723	1
HTN	LEC	<i>ACTR5</i>	0.007998396	0.048893447	0.632352417	1
HTN	LEC	<i>ACVR1C</i>	0.002687202	0.03100731	0.545053338	1
HTN	LEC	<i>ACVR2A</i>	0.003246107	0.00454603	0.333813249	1
HTN	LEC	<i>ADAM19</i>	-0.003380786	0.002337091	0.27775449	1
HTN	LEC	<i>ADH1A</i>	0.025727269	0.028399482	0.527066158	1
HTN	LEC	<i>ADH1B</i>	0.002106238	0.014778732	0.43939155	1
HTN	LEC	<i>ADIPOQ</i>	0.002211428	0.037831253	0.590250315	1
HTN	LEC	<i>AGER</i>	-0.014995888	0.013778634	0.42226214	1
HTN	LEC	<i>AGTPBP1</i>	-0.00306191	0.005025061	0.342831058	1
HTN	LEC	<i>AHI1</i>	0.002466074	0.001103828	0.270644273	1
HTN	LEC	<i>AIMP2</i>	0.011127086	0.025835459	0.518669827	1
HTN	LEC	<i>ALDH7A1</i>	0.006455676	0.036620826	0.586947742	1
HTN	LEC	<i>ALG10</i>	-0.009868379	0.048237744	0.628888296	1
HTN	LEC	<i>ALS2</i>	0.003045665	0.012653156	0.416000889	1
HTN	LEC	<i>ALS2CR12</i>	0.013831305	0.032937751	0.563840396	1
HTN	LEC	<i>ANKRD44</i>	-0.001233313	0.001088931	0.270644273	1
HTN	LEC	<i>APBB1IP</i>	-0.00115906	0.007964012	0.366099523	1
HTN	LEC	<i>APCDD1</i>	0.006703769	0.016982157	0.451559104	1
HTN	LEC	<i>APOBEC3G</i>	-0.006110912	0.014497701	0.43536815	1
HTN	LEC	<i>ARHGAP9</i>	-0.005969072	0.008556915	0.378786114	1
HTN	LEC	<i>ARHGDIB</i>	-0.004277234	0.001838969	0.270644273	1
HTN	LEC	<i>ARID5B</i>	-0.001941769	0.010621565	0.394969135	1
HTN	LEC	<i>ARPC2</i>	-0.001761541	0.023933243	0.505388895	1
HTN	LEC	<i>ARPC3</i>	-0.006597787	0.016439169	0.445727433	1
HTN	LEC	<i>ATF1</i>	-0.005003406	0.033058084	0.563840396	1
HTN	LEC	<i>ATF7IP2</i>	-0.002904006	0.044760139	0.623737589	1
HTN	LEC	<i>ATP1B1</i>	0.008102172	0.008889499	0.387763854	1
HTN	LEC	<i>ATP2A3</i>	-0.004826338	0.00077586	0.270644273	1
HTN	LEC	<i>ATP6AP1L</i>	0.007690421	0.033282883	0.563840396	1
HTN	LEC	<i>ATP8A1</i>	-0.003697868	0.000194971	0.163012703	1
HTN	LEC	<i>ATXN3</i>	0.001964303	0.036643035	0.586947742	1
HTN	LEC	<i>BASP1</i>	-0.001732876	0.042324732	0.612427597	1
HTN	LEC	<i>BBS9</i>	0.002281835	0.044938617	0.623737589	1
HTN	LEC	<i>BCL2L1</i>	-0.004573057	0.004580436	0.333813249	1
HTN	LEC	<i>BIRC3</i>	-0.002478148	0.017063259	0.451559104	1
HTN	LEC	<i>BLK</i>	-0.003225411	0.003444061	0.311844101	1
HTN	LEC	<i>BMPRI4</i>	0.001651725	0.021092378	0.485732064	1
HTN	LEC	<i>BNC2</i>	0.001059527	0.036393722	0.586947742	1
HTN	LEC	<i>BTN3A2</i>	-0.00511578	0.020765032	0.485497464	1

HTN	LEC	<i>C10orf25</i>	-0.058245977	0.009594428	0.390042881	1
HTN	LEC	<i>C11orf63</i>	0.00646999	0.040592671	0.604942143	1
HTN	LEC	<i>C17orf75</i>	-0.010753463	0.049309944	0.632352417	1
HTN	LEC	<i>C17orf97</i>	-0.010623029	0.00045968	0.228920881	1
HTN	LEC	<i>C18orf8</i>	-0.006030101	0.021380282	0.485732064	1
HTN	LEC	<i>C19orf18</i>	0.01239699	0.043297362	0.619007259	1
HTN	LEC	<i>C19orf53</i>	-0.008204766	0.049248003	0.632352417	1
HTN	LEC	<i>C1QTNF7</i>	0.005421599	0.002438489	0.27775449	1
HTN	LEC	<i>C1orf112</i>	-0.005259937	0.026458213	0.523557227	1
HTN	LEC	<i>C2CD2</i>	0.005041178	0.009477546	0.390042881	1
HTN	LEC	<i>C2orf69</i>	-0.005051393	0.028221415	0.52539308	1
HTN	LEC	<i>C2orf88</i>	0.005095393	0.031010397	0.545053338	1
HTN	LEC	<i>C3AR1</i>	0.006531125	0.013127061	0.420914106	1
HTN	LEC	<i>C4orf45</i>	0.007619208	0.034508577	0.574831527	1
HTN	LEC	<i>C6</i>	0.004365887	0.043086559	0.618954989	1
HTN	LEC	<i>C7</i>	0.008104097	0.046440824	0.628888296	1
HTN	LEC	<i>CACNA2D1</i>	0.001606813	0.028787288	0.529867956	1
HTN	LEC	<i>CALR</i>	-0.003288391	0.040225859	0.60383792	1
HTN	LEC	<i>CAPNS1</i>	-0.007467752	0.027394503	0.52539308	1
HTN	LEC	<i>CARD16</i>	-0.014937466	0.01406429	0.42881732	1
HTN	LEC	<i>CASP1</i>	-0.007276216	0.01239058	0.416000889	1
HTN	LEC	<i>CASP8</i>	-0.003278799	0.006190161	0.342997705	1
HTN	LEC	<i>CAT</i>	0.003767565	0.01443557	0.43536815	1
HTN	LEC	<i>CBL</i>	-0.002762352	0.048155858	0.628888296	1
HTN	LEC	<i>CCDC102A</i>	-0.010462897	0.048143532	0.628888296	1
HTN	LEC	<i>CCDC88C</i>	-0.002661435	0.002109909	0.27775449	1
HTN	LEC	<i>CCL4</i>	-0.004020053	0.01551147	0.439938881	1
HTN	LEC	<i>CCZ1</i>	-0.010374133	0.034912121	0.57618137	1
HTN	LEC	<i>CD37</i>	-0.00437677	0.003125317	0.301539809	1
HTN	LEC	<i>CD38</i>	-0.005240577	0.029673109	0.534891119	1
HTN	LEC	<i>CD3E</i>	-0.004553137	0.037543324	0.590250315	1
HTN	LEC	<i>CD52</i>	-0.006157821	0.001898769	0.270644273	1
HTN	LEC	<i>CD79B</i>	-0.008332396	0.001525308	0.270644273	1
HTN	LEC	<i>CDC25B</i>	-0.010046436	0.022521698	0.493681016	1
HTN	LEC	<i>CDC42SE1</i>	-0.003924861	0.01706377	0.451559104	1
HTN	LEC	<i>CDC42SE2</i>	-0.001274597	0.020593962	0.485497464	1
HTN	LEC	<i>CDK19</i>	-0.003080375	0.017815717	0.454743481	1
HTN	LEC	<i>CEACAM21</i>	-0.006904316	0.005544334	0.342997705	1
HTN	LEC	<i>CERKL</i>	-0.025370172	0.00854575	0.378786114	1
HTN	LEC	<i>CHCHD2</i>	0.00444269	0.007004519	0.357361225	1
HTN	LEC	<i>CHST11</i>	-0.000822883	0.041926894	0.609623161	1
HTN	LEC	<i>CHST15</i>	-0.001679506	0.034011795	0.569340308	1
HTN	LEC	<i>CIDEA</i>	0.005592612	0.023436344	0.499056476	1
HTN	LEC	<i>CLEC2D</i>	-0.001736545	0.009579257	0.390042881	1
HTN	LEC	<i>CLECL1</i>	-0.007684569	0.040040775	0.60272965	1
HTN	LEC	<i>CNNM3</i>	-0.010547364	0.029171111	0.529867956	1
HTN	LEC	<i>CNOT6L</i>	-0.002742481	0.013581534	0.42226214	1
HTN	LEC	<i>CNTLN</i>	0.003186592	0.003320614	0.305292108	1
HTN	LEC	<i>COL8A1</i>	0.00394023	0.028807398	0.529867956	1
HTN	LEC	<i>CORO1A</i>	-0.009465641	0.00037292	0.222856985	1
HTN	LEC	<i>CRELD2</i>	-0.010561655	0.018212454	0.459230473	1
HTN	LEC	<i>CRLF3</i>	-0.003837327	0.037804895	0.590250315	1

HTN	LEC	<i>CSF1</i>	0.002886913	0.030417092	0.539384396	1
HTN	LEC	<i>CTCI</i>	-0.008686461	0.021953738	0.485732064	1
HTN	LEC	<i>CTNNA1</i>	0.003814118	0.009327385	0.390042881	1
HTN	LEC	<i>CTTNBP2</i>	0.00357248	0.015853886	0.439938881	1
HTN	LEC	<i>CUL3</i>	-0.003776084	0.008108661	0.369903488	1
HTN	LEC	<i>CYBA</i>	-0.002807444	0.001289001	0.270644273	1
HTN	LEC	<i>CYBRD1</i>	0.004759063	0.010123177	0.394969135	1
HTN	LEC	<i>CYLD</i>	-0.003604081	0.037225047	0.588510265	1
HTN	LEC	<i>CYTH1</i>	-0.002140328	0.001786211	0.270644273	1
HTN	LEC	<i>DAD1</i>	-0.005665516	0.029797591	0.534891119	1
HTN	LEC	<i>DBNDD1</i>	-0.023871714	0.040408346	0.60383792	1
HTN	LEC	<i>DCBLD2</i>	0.005168294	0.007230482	0.357361225	1
HTN	LEC	<i>DDX23</i>	-0.007715821	0.038977785	0.595732085	1
HTN	LEC	<i>DEPTOR</i>	0.005080344	0.012370973	0.416000889	1
HTN	LEC	<i>DGCR2</i>	-0.007067944	0.001746903	0.270644273	1
HTN	LEC	<i>DIAPH1</i>	-0.002369128	0.029135936	0.529867956	1
HTN	LEC	<i>DIRC3</i>	0.001822525	0.037008542	0.588199599	1
HTN	LEC	<i>DMGDH</i>	0.006828868	0.013372088	0.42226214	1
HTN	LEC	<i>DOCK7</i>	0.004202541	0.022732101	0.493681016	1
HTN	LEC	<i>DOCK8</i>	-0.001017348	0.010668851	0.394969135	1
HTN	LEC	<i>DPY19L4</i>	0.006982427	0.047382374	0.628888296	1
HTN	LEC	<i>DSTYK</i>	-0.004668539	0.006143606	0.342997705	1
HTN	LEC	<i>DTNB</i>	-0.004079049	0.038367952	0.592472557	1
HTN	LEC	<i>EBLN2</i>	-0.011022599	0.024863181	0.510592334	1
HTN	LEC	<i>ECHDC2</i>	0.002923481	0.009674738	0.39065024	1
HTN	LEC	<i>EFCAB2</i>	0.005907251	0.00565175	0.342997705	1
HTN	LEC	<i>EGFR</i>	0.001754218	0.048408403	0.628888296	1
HTN	LEC	<i>EIF4G3</i>	-0.002444055	0.035678746	0.582542289	1
HTN	LEC	<i>EMP1</i>	0.00259297	0.019286867	0.468529747	1
HTN	LEC	<i>ENPP3</i>	0.002718046	0.026240842	0.520980975	1
HTN	LEC	<i>ENTPD4</i>	-0.005080065	0.038254695	0.592254037	1
HTN	LEC	<i>EPB41</i>	-0.002418929	0.002534935	0.27775449	1
HTN	LEC	<i>EPHB6</i>	0.016521423	0.007546053	0.357898526	1
HTN	LEC	<i>ERCC1</i>	0.003649665	0.015748261	0.439938881	1
HTN	LEC	<i>ERI2</i>	0.00887353	0.005763809	0.342997705	1
HTN	LEC	<i>ERMAP</i>	0.011008649	0.011702518	0.411377941	1
HTN	LEC	<i>ETFDH</i>	0.004533959	0.018423774	0.462607038	1
HTN	LEC	<i>EVL</i>	-0.002964892	0.002629951	0.280653359	1
HTN	LEC	<i>EXOC6B</i>	0.001559884	0.012269556	0.416000889	1
HTN	LEC	<i>FAM114A1</i>	0.005297279	0.01155691	0.411377941	1
HTN	LEC	<i>FAM126B</i>	-0.00235415	0.02294921	0.494205689	1
HTN	LEC	<i>FAM13A</i>	0.002900429	0.004844817	0.341231332	1
HTN	LEC	<i>FAM160A2</i>	0.007988143	0.0143252	0.434555291	1
HTN	LEC	<i>FAM221A</i>	0.014361345	0.034935675	0.57618137	1
HTN	LEC	<i>FAM227B</i>	0.004162475	0.044845406	0.623737589	1
HTN	LEC	<i>FAM3C</i>	-0.004533632	0.029850326	0.534891119	1
HTN	LEC	<i>FAM43B</i>	0.040336903	0.048311707	0.628888296	1
HTN	LEC	<i>FAM47E-STBD1</i>	0.027187182	0.015852249	0.439938881	1
HTN	LEC	<i>FAM89A</i>	0.00821055	0.046812646	0.628888296	1
HTN	LEC	<i>FCER2</i>	-0.008155878	0.016199563	0.444076105	1
HTN	LEC	<i>FCHO2</i>	0.003162143	0.024188149	0.508342958	1
HTN	LEC	<i>FCRL3</i>	-0.007290235	5.79E-05	0.115356123	0.346068368

HTN	LEC	<i>FJX1</i>	-0.02580793	0.037153664	0.588510265	1
HTN	LEC	<i>FMN1</i>	0.002287574	0.010744967	0.394969135	1
HTN	LEC	<i>FNBP1</i>	-0.002208369	0.002454025	0.27775449	1
HTN	LEC	<i>FPR3</i>	0.003411418	0.015326874	0.439938881	1
HTN	LEC	<i>FREMI</i>	0.003230169	0.002176734	0.27775449	1
HTN	LEC	<i>FTCDNL1</i>	0.007336725	0.030338483	0.539384396	1
HTN	LEC	<i>FYCO1</i>	-0.009212741	0.029903689	0.534891119	1
HTN	LEC	<i>GAS2L2</i>	-0.054678314	0.047577616	0.628888296	1
HTN	LEC	<i>GAS6</i>	0.003749675	0.027792528	0.52539308	1
HTN	LEC	<i>GATC</i>	0.011886087	0.03192461	0.554597303	1
HTN	LEC	<i>GBP5</i>	-0.0064426	0.005536461	0.342997705	1
HTN	LEC	<i>GHR</i>	0.001619015	0.024702656	0.510592334	1
HTN	LEC	<i>GLIPR1</i>	-0.00422118	0.013121814	0.420914106	1
HTN	LEC	<i>GMEB2</i>	-0.00996826	0.043026126	0.618954989	1
HTN	LEC	<i>GMIP</i>	-0.007410933	0.010773087	0.394969135	1
HTN	LEC	<i>GNAI1</i>	0.003796485	0.0052732	0.342997705	1
HTN	LEC	<i>GNLY</i>	-0.001169549	0.025435576	0.517017014	1
HTN	LEC	<i>GPR135</i>	0.008831093	0.036828451	0.586947742	1
HTN	LEC	<i>GPR180</i>	0.007059045	0.045016664	0.623737589	1
HTN	LEC	<i>GPR84</i>	-0.004614761	0.037632526	0.590250315	1
HTN	LEC	<i>GPT2</i>	0.0070102	0.011346161	0.410937321	1
HTN	LEC	<i>GPX7</i>	-0.009187929	0.012494619	0.416000889	1
HTN	LEC	<i>GRAMD1C</i>	-0.006029766	0.017882316	0.454743481	1
HTN	LEC	<i>GSAP</i>	-0.002154572	0.014916798	0.439938881	1
HTN	LEC	<i>GSTM2</i>	0.008022482	0.024846313	0.510592334	1
HTN	LEC	<i>GTPBP3</i>	-0.024358569	0.027218619	0.52539308	1
HTN	LEC	<i>GXYLT2</i>	0.007411528	0.008518758	0.378786114	1
HTN	LEC	<i>HCG27</i>	-0.007851116	0.025423305	0.517017014	1
HTN	LEC	<i>HDAC4</i>	0.002074186	0.024706124	0.510592334	1
HTN	LEC	<i>HDHD3</i>	0.00666579	0.047870838	0.628888296	1
HTN	LEC	<i>HEXDC</i>	-0.003783965	0.044758291	0.623737589	1
HTN	LEC	<i>HIBCH</i>	0.002928355	0.007445561	0.357898526	1
HTN	LEC	<i>HIST1H3E</i>	-0.022183609	0.006413362	0.348420454	1
HTN	LEC	<i>HLA-A</i>	-0.002057089	0.003281097	0.305292108	1
HTN	LEC	<i>HLA-B</i>	-0.001904437	0.000166841	0.163012703	0.997040732
HTN	LEC	<i>HLA-C</i>	-0.002485915	0.000716982	0.270644273	1
HTN	LEC	<i>HLA-E</i>	-0.002699845	0.003127763	0.301539809	1
HTN	LEC	<i>HLA-F</i>	-0.006164478	0.000415635	0.225802925	1
HTN	LEC	<i>HOPX</i>	-0.013945969	0.040417531	0.60383792	1
HTN	LEC	<i>HOXB3</i>	0.004959111	0.023295562	0.498975909	1
HTN	LEC	<i>HOXB6</i>	0.013627871	0.027030302	0.52539308	1
HTN	LEC	<i>HPGDS</i>	0.002210212	0.004477391	0.333813249	1
HTN	LEC	<i>HPS3</i>	-0.006367172	0.049295111	0.632352417	1
HTN	LEC	<i>HPSE2</i>	0.004108914	0.041235465	0.60731992	1
HTN	LEC	<i>HRASLS5</i>	0.009931668	0.010641574	0.394969135	1
HTN	LEC	<i>HRK</i>	-0.029482139	0.004516252	0.333813249	1
HTN	LEC	<i>HYI</i>	0.006994942	0.041463609	0.60731992	1
HTN	LEC	<i>ICAM3</i>	-0.011697575	0.001271451	0.270644273	1
HTN	LEC	<i>IFITM2</i>	-0.006745101	0.010492335	0.394969135	1
HTN	LEC	<i>IFNAR2</i>	-0.003374706	0.000867245	0.270644273	1
HTN	LEC	<i>IGF2R</i>	-0.001380518	0.016445832	0.445727433	1
HTN	LEC	<i>IKBKB</i>	-0.002397346	0.047036037	0.628888296	1

HTN	LEC	<i>IKBKE</i>	-0.015851967	0.003128425	0.301539809	1
HTN	LEC	<i>IKZF3</i>	-0.002304659	0.001678316	0.270644273	1
HTN	LEC	<i>IL11RA</i>	0.006570304	0.04130625	0.60731992	1
HTN	LEC	<i>IL12RB1</i>	-0.006790315	0.046620166	0.628888296	1
HTN	LEC	<i>IL27RA</i>	-0.00621504	0.020455395	0.485497464	1
HTN	LEC	<i>INPP4A</i>	-0.002519453	0.006198754	0.342997705	1
HTN	LEC	<i>ISG20</i>	-0.005677297	0.028853352	0.529867956	1
HTN	LEC	<i>ITGA4</i>	-0.001834105	0.00596851	0.342997705	1
HTN	LEC	<i>ITGB2</i>	-0.003220151	0.026634582	0.52357981	1
HTN	LEC	<i>ITGB6</i>	0.022646626	0.025876252	0.518669827	1
HTN	LEC	<i>JAZF1</i>	-0.001364471	0.041049505	0.60731992	1
HTN	LEC	<i>JKAMP</i>	0.006714216	0.004471074	0.333813249	1
HTN	LEC	<i>JMJD8</i>	-0.01891522	0.005848612	0.342997705	1
HTN	LEC	<i>KCNAB2</i>	-0.003005516	0.047427657	0.628888296	1
HTN	LEC	<i>KHNYN</i>	-0.007895215	0.013016286	0.420914106	1
HTN	LEC	<i>KIAA1109</i>	-0.002381306	0.029984693	0.534891119	1
HTN	LEC	<i>KIF16B</i>	0.002382511	0.033305833	0.563840396	1
HTN	LEC	<i>KLB</i>	0.003661884	0.045017099	0.623737589	1
HTN	LEC	<i>KLRD1</i>	-0.002034698	0.015901405	0.439938881	1
HTN	LEC	<i>KREMEN1</i>	0.002984759	0.04082387	0.606874251	1
HTN	LEC	<i>L3MBTL3</i>	-0.004735734	0.007933748	0.366099523	1
HTN	LEC	<i>LAMA4</i>	0.001261823	0.026779679	0.524542776	1
HTN	LEC	<i>LAPTM5</i>	-0.004723695	0.00229504	0.27775449	1
HTN	LEC	<i>LGALS3</i>	0.002550186	0.034998969	0.57618137	1
HTN	LEC	<i>LIG1</i>	-0.008107244	0.041837611	0.609623161	1
HTN	LEC	<i>LIMA1</i>	0.00137394	0.035506931	0.582542289	1
HTN	LEC	<i>LINC00484</i>	-0.010442631	0.04211514	0.610873967	1
HTN	LEC	<i>LINC00926</i>	-0.003917333	0.005290557	0.342997705	1
HTN	LEC	<i>LLGL2</i>	-0.005687431	0.005903203	0.342997705	1
HTN	LEC	<i>LPCAT1</i>	-0.005443528	0.031210174	0.546243393	1
HTN	LEC	<i>LPCAT2</i>	0.003487528	0.020793065	0.485497464	1
HTN	LEC	<i>LRMP</i>	-0.003165065	0.001118133	0.270644273	1
HTN	LEC	<i>LRP1B</i>	0.002656482	0.000659961	0.270644273	1
HTN	LEC	<i>LURAP1L</i>	0.00533287	0.010541078	0.394969135	1
HTN	LEC	<i>MALRD1</i>	0.01077169	0.001285568	0.270644273	1
HTN	LEC	<i>MAP3K5</i>	-0.003090311	0.00020888	0.163012703	1
HTN	LEC	<i>MBLAC1</i>	0.034326228	0.027254457	0.52539308	1
HTN	LEC	<i>MBNL1</i>	-0.001388767	0.005573154	0.342997705	1
HTN	LEC	<i>ME3</i>	0.007490774	0.006038877	0.342997705	1
HTN	LEC	<i>MEST</i>	0.003476684	0.034628405	0.574831527	1
HTN	LEC	<i>MLKL</i>	-0.006433984	0.002217182	0.27775449	1
HTN	LEC	<i>MLXIPL</i>	0.003543934	0.005214766	0.342997705	1
HTN	LEC	<i>MMP25</i>	-0.004243952	0.02265596	0.493681016	1
HTN	LEC	<i>MNAT1</i>	0.003238114	0.018946061	0.465932765	1
HTN	LEC	<i>MPPE1</i>	-0.005745966	0.043289824	0.619007259	1
HTN	LEC	<i>MRAS</i>	0.006247834	0.027945474	0.52539308	1
HTN	LEC	<i>MS4A14</i>	0.006369922	0.044884691	0.623737589	1
HTN	LEC	<i>MTRF1L</i>	-0.009561105	0.039999467	0.60272965	1
HTN	LEC	<i>MYBL1</i>	-0.001846274	0.036049996	0.585420591	1
HTN	LEC	<i>MYL12A</i>	-0.007538852	0.004011437	0.328388341	1
HTN	LEC	<i>MYO1F</i>	-0.000872527	0.022800529	0.493681016	1
HTN	LEC	<i>NBPF1</i>	0.008248485	0.044012474	0.621793248	1

HTN	LEC	<i>NDUFB1</i>	-0.00558455	0.047958658	0.628888296	1
HTN	LEC	<i>NEK11</i>	0.004911495	0.020732596	0.485497464	1
HTN	LEC	<i>NFATC3</i>	-0.002296402	0.017074193	0.451559104	1
HTN	LEC	<i>NFIA</i>	0.00150947	0.006773796	0.352415714	1
HTN	LEC	<i>NFIC</i>	0.003643061	0.010571727	0.394969135	1
HTN	LEC	<i>NFIX</i>	0.00433427	0.043414385	0.619198954	1
HTN	LEC	<i>NIPAL3</i>	-0.004140907	0.017342997	0.451559104	1
HTN	LEC	<i>NIPSNAP3B</i>	0.010813156	0.013693778	0.42226214	1
HTN	LEC	<i>NLRP2</i>	-0.016955283	0.011049039	0.402616193	1
HTN	LEC	<i>NMNAT3</i>	0.005032318	0.046825211	0.628888296	1
HTN	LEC	<i>NMT2</i>	0.004308324	0.003709555	0.316690009	1
HTN	LEC	<i>NNT</i>	0.004004097	0.037422479	0.59007054	1
HTN	LEC	<i>NOM1</i>	0.006068265	0.003859912	0.324885008	1
HTN	LEC	<i>NPC1</i>	-0.006207792	0.000652598	0.270644273	1
HTN	LEC	<i>NPHP4</i>	0.010606598	0.018545553	0.463716427	1
HTN	LEC	<i>NUAK2</i>	-0.014575866	0.002862957	0.294983305	1
HTN	LEC	<i>NUDT12</i>	0.008238045	0.026177725	0.520980975	1
HTN	LEC	<i>NUPL2</i>	0.005857493	0.015384839	0.439938881	1
HTN	LEC	<i>ORAI2</i>	-0.008263445	0.001669164	0.270644273	1
HTN	LEC	<i>OSBPL10</i>	-0.001449379	0.02821482	0.52539308	1
HTN	LEC	<i>OSBPL3</i>	-0.002895693	0.012632702	0.416000889	1
HTN	LEC	<i>PACSI</i>	-0.001901381	0.004125425	0.333155925	1
HTN	LEC	<i>PAOX</i>	-0.014374854	0.006187976	0.342997705	1
HTN	LEC	<i>PAPSS2</i>	0.003148887	0.015738535	0.439938881	1
HTN	LEC	<i>PAQR5</i>	0.003941879	0.035775271	0.582542289	1
HTN	LEC	<i>PARP15</i>	-0.0034951	0.005649779	0.342997705	1
HTN	LEC	<i>PARP8</i>	-0.001837523	0.000949053	0.270644273	1
HTN	LEC	<i>PARVB</i>	0.005336207	0.003672201	0.316690009	1
HTN	LEC	<i>PARVG</i>	-0.005402168	0.025615162	0.518669827	1
HTN	LEC	<i>PATL2</i>	-0.005313704	0.011901552	0.413778683	1
HTN	LEC	<i>PBX1</i>	0.001776015	0.002492478	0.27775449	1
HTN	LEC	<i>PCDHA6</i>	0.009539111	0.022027006	0.485732064	1
HTN	LEC	<i>PCSK1</i>	0.014359847	0.010641447	0.394969135	1
HTN	LEC	<i>PCSK4</i>	0.015376113	0.021995061	0.485732064	1
HTN	LEC	<i>PCSK7</i>	-0.002988093	0.012669371	0.416000889	1
HTN	LEC	<i>PDCD1LG2</i>	0.013611351	0.004853525	0.341231332	1
HTN	LEC	<i>PEAK1</i>	0.001612018	0.04145963	0.60731992	1
HTN	LEC	<i>PEPD</i>	0.005633465	0.01042844	0.394969135	1
HTN	LEC	<i>PHLDB1</i>	0.002717505	0.02657633	0.52357981	1
HTN	LEC	<i>PIGB</i>	-0.006025698	0.03246036	0.562269885	1
HTN	LEC	<i>PIWIL2</i>	0.010407767	0.046165572	0.627758169	1
HTN	LEC	<i>PLEKHA3</i>	-0.009316593	0.001595793	0.270644273	1
HTN	LEC	<i>PLIN2</i>	0.003705931	0.012031763	0.413778683	1
HTN	LEC	<i>PNLDC1</i>	-0.057059542	0.028084913	0.52539308	1
HTN	LEC	<i>POC1B</i>	-0.006266289	0.009430805	0.390042881	1
HTN	LEC	<i>POGZ</i>	0.003434309	0.024259736	0.508342958	1
HTN	LEC	<i>PPMIK</i>	-0.004913409	0.018778766	0.465855218	1
HTN	LEC	<i>PPP2R3C</i>	-0.002777274	0.048811435	0.632352417	1
HTN	LEC	<i>PRDM5</i>	0.005091316	0.043911017	0.621793248	1
HTN	LEC	<i>PRKD2</i>	-0.003767569	0.0171704	0.451559104	1
HTN	LEC	<i>PRKG2</i>	0.004185001	0.014956773	0.439938881	1
HTN	LEC	<i>PRR12</i>	-0.012265347	0.001872415	0.270644273	1

HTN	LEC	<i>PRRC2C</i>	-0.002920685	0.007152652	0.357361225	1
HTN	LEC	<i>PSD4</i>	-0.005709222	0.030984075	0.545053338	1
HTN	LEC	<i>PSMB3</i>	-0.012236449	0.015445272	0.439938881	1
HTN	LEC	<i>PSTPIP1</i>	-0.006717373	0.005009998	0.342831058	1
HTN	LEC	<i>PTGER3</i>	0.002194816	0.00423845	0.333813249	1
HTN	LEC	<i>PTGRI</i>	0.006005657	0.021703164	0.485732064	1
HTN	LEC	<i>PTPRJ</i>	-0.001177582	0.018891729	0.465932765	1
HTN	LEC	<i>PXK</i>	-0.006485041	0.001213494	0.270644273	1
HTN	LEC	<i>PYCR2</i>	-0.011111209	0.033177111	0.563840396	1
HTN	LEC	<i>PYGB</i>	0.008709931	0.013678638	0.42226214	1
HTN	LEC	<i>PYHIN1</i>	-0.001766319	0.009898197	0.394969135	1
HTN	LEC	<i>QDPR</i>	0.010047499	0.024975106	0.511134359	1
HTN	LEC	<i>QSOX2</i>	-0.007641867	0.029022627	0.529867956	1
HTN	LEC	<i>RABGAP1L</i>	-0.001800046	0.000219377	0.163012703	1
HTN	LEC	<i>RALGPS2</i>	-0.001123045	0.027957207	0.52539308	1
HTN	LEC	<i>RAP1A</i>	-0.002568469	0.013754204	0.42226214	1
HTN	LEC	<i>RASAL3</i>	-0.004688755	0.015622715	0.439938881	1
HTN	LEC	<i>RBAK</i>	-0.021050866	0.006367177	0.348420454	1
HTN	LEC	<i>RBBP4</i>	-0.003695405	0.04287351	0.618869796	1
HTN	LEC	<i>RBCK1</i>	-0.006865822	0.043726525	0.62068816	1
HTN	LEC	<i>RBL2</i>	-0.002033886	0.032678576	0.563840396	1
HTN	LEC	<i>RBM28</i>	0.006467914	0.010426537	0.394969135	1
HTN	LEC	<i>RCSD1</i>	-0.00235242	0.000921506	0.270644273	1
HTN	LEC	<i>RDH5</i>	0.002857838	0.021971	0.485732064	1
HTN	LEC	<i>RFC3</i>	0.004782653	0.048260246	0.628888296	1
HTN	LEC	<i>RGS17</i>	0.008802514	0.002357752	0.27775449	1
HTN	LEC	<i>RHBDF2</i>	-0.004762289	0.000852009	0.270644273	1
HTN	LEC	<i>RHOBTB3</i>	0.00258112	0.002343872	0.27775449	1
HTN	LEC	<i>RNF149</i>	-0.000938247	0.035583076	0.582542289	1
HTN	LEC	<i>RNF150</i>	0.002997462	0.016174455	0.444076105	1
HTN	LEC	<i>RNF212</i>	0.015316471	0.038791028	0.595732085	1
HTN	LEC	<i>RNF213</i>	-0.001633451	0.033752873	0.566802793	1
HTN	LEC	<i>RNF217</i>	0.008350139	4.98E-05	0.115356123	0.297695691
HTN	LEC	<i>RPL12</i>	-0.00386848	0.027972201	0.52539308	1
HTN	LEC	<i>RPS11</i>	-0.003627809	0.004440989	0.333813249	1
HTN	LEC	<i>RPS13</i>	-0.008713402	0.010401467	0.394969135	1
HTN	LEC	<i>RPS18</i>	-0.003190411	0.017530407	0.451559104	1
HTN	LEC	<i>RPS3</i>	-0.003932226	0.021292285	0.485732064	1
HTN	LEC	<i>RPS8</i>	-0.004687242	0.015224889	0.439938881	1
HTN	LEC	<i>RPSA</i>	-0.00649368	0.027332231	0.52539308	1
HTN	LEC	<i>RPUSD3</i>	-0.007030211	0.00749995	0.357898526	1
HTN	LEC	<i>RTN4IP1</i>	-0.009377255	0.049066036	0.632352417	1
HTN	LEC	<i>RTP4</i>	-0.032872252	0.02195538	0.485732064	1
HTN	LEC	<i>SAMD9</i>	-0.006311498	0.009163083	0.390042881	1
HTN	LEC	<i>SDCCAG8</i>	0.002162595	0.005048382	0.342831058	1
HTN	LEC	<i>SDE2</i>	-0.00910049	0.020843212	0.485497464	1
HTN	LEC	<i>SEL1L3</i>	-0.002186285	0.001902118	0.270644273	1
HTN	LEC	<i>SEMA4D</i>	-0.00247419	0.005418438	0.342997705	1
HTN	LEC	<i>SERPINI1</i>	-0.007516848	0.014622682	0.436925732	1
HTN	LEC	<i>SF3B3</i>	-0.00356529	0.023466344	0.499056476	1
HTN	LEC	<i>SF11</i>	-0.003271699	0.047738254	0.628888296	1
HTN	LEC	<i>SIPA1</i>	-0.008485555	0.049460203	0.632921146	1

HTN	LEC	<i>SIPAIL3</i>	-0.00242665	0.007235728	0.357361225	1
HTN	LEC	<i>SKOR1</i>	-0.024193866	0.045916648	0.626479203	1
HTN	LEC	<i>SLC18A2</i>	0.002080907	0.009379149	0.390042881	1
HTN	LEC	<i>SLC19A3</i>	0.002592736	0.012047773	0.413778683	1
HTN	LEC	<i>SLC1A5</i>	0.012838953	0.029161624	0.529867956	1
HTN	LEC	<i>SLC22A1</i>	-0.01515058	0.047495149	0.628888296	1
HTN	LEC	<i>SLC25A27</i>	0.004654336	0.019085309	0.466349723	1
HTN	LEC	<i>SLC25A3</i>	-0.005966979	0.049729383	0.635005971	1
HTN	LEC	<i>SLC44A2</i>	-0.00525372	0.001733697	0.270644273	1
HTN	LEC	<i>SLCO3A1</i>	-0.001118774	0.02595085	0.518669827	1
HTN	LEC	<i>SLFN12L</i>	-0.001652215	0.013378898	0.42226214	1
HTN	LEC	<i>SMAD2</i>	-0.003985373	0.031352323	0.546243393	1
HTN	LEC	<i>SMAD5</i>	0.005051447	0.004386739	0.333813249	1
HTN	LEC	<i>SMCHD1</i>	-0.000945342	0.008240873	0.373086789	1
HTN	LEC	<i>SP100</i>	-0.00213889	0.006174259	0.342997705	1
HTN	LEC	<i>SP110</i>	-0.004464949	0.000217046	0.163012703	1
HTN	LEC	<i>SP140L</i>	-0.004294181	0.006816511	0.352415714	1
HTN	LEC	<i>SPIRE1</i>	0.003119273	0.039234125	0.598120228	1
HTN	LEC	<i>SPRTN</i>	-0.008350909	0.001683617	0.270644273	1
HTN	LEC	<i>SRBD1</i>	-0.003172468	0.012913614	0.420914106	1
HTN	LEC	<i>SRGAP1</i>	0.003606382	0.003670838	0.316690009	1
HTN	LEC	<i>SRGAP3</i>	0.00519949	0.018786999	0.465855218	1
HTN	LEC	<i>ST18</i>	0.008567263	0.04497271	0.623737589	1
HTN	LEC	<i>ST3GAL6</i>	0.007139684	0.000245501	0.163012703	1
HTN	LEC	<i>ST8SIA1</i>	0.001345236	0.027594316	0.52539308	1
HTN	LEC	<i>STAT4</i>	-0.002056726	0.002690429	0.28207027	1
HTN	LEC	<i>STIM2</i>	-0.003170613	0.038950037	0.595732085	1
HTN	LEC	<i>STK17A</i>	-0.003072381	0.001667584	0.270644273	1
HTN	LEC	<i>STOX1</i>	0.008967255	0.006611587	0.352415714	1
HTN	LEC	<i>STUB1</i>	-0.008829733	0.010698769	0.394969135	1
HTN	LEC	<i>STXBP6</i>	0.002071777	0.040017244	0.60272965	1
HTN	LEC	<i>SYCP2L</i>	0.005768961	0.009357063	0.390042881	1
HTN	LEC	<i>TAP1</i>	-0.008493408	0.019808268	0.477395155	1
HTN	LEC	<i>TAPBP</i>	-0.004109739	0.011697825	0.411377941	1
HTN	LEC	<i>TBC1D10C</i>	-0.006025163	0.009331416	0.390042881	1
HTN	LEC	<i>TBC1D22A</i>	-0.002110648	0.007517314	0.357898526	1
HTN	LEC	<i>TBC1D4</i>	0.003923839	0.006481258	0.348936924	1
HTN	LEC	<i>TCF3</i>	-0.008551295	0.017769291	0.454743481	1
HTN	LEC	<i>TEF</i>	0.012515954	0.007922745	0.366099523	1
HTN	LEC	<i>TFEB</i>	-0.005941142	0.005532239	0.342997705	1
HTN	LEC	<i>TIPIN</i>	0.009727046	0.020960232	0.485497464	1
HTN	LEC	<i>TK2</i>	0.008171957	0.013171174	0.420914106	1
HTN	LEC	<i>TLN2</i>	0.001941307	0.024328328	0.508342958	1
HTN	LEC	<i>TM6SF1</i>	0.004889968	0.04521636	0.623737589	1
HTN	LEC	<i>TMCC2</i>	-0.019924631	0.037940561	0.590250315	1
HTN	LEC	<i>TMED9</i>	-0.011023549	0.017358901	0.451559104	1
HTN	LEC	<i>TMEFF2</i>	0.003340088	0.048046417	0.628888296	1
HTN	LEC	<i>TMEM132A</i>	-0.024384068	0.028007218	0.52539308	1
HTN	LEC	<i>TMEM132C</i>	0.002648105	0.007113534	0.357361225	1
HTN	LEC	<i>TMEM2</i>	-0.004101819	0.001510147	0.270644273	1
HTN	LEC	<i>TNF</i>	-0.013838984	0.017139802	0.451559104	1
HTN	LEC	<i>TNFRSF12A</i>	-0.01738978	0.045298212	0.623737589	1

HTN	LEC	<i>TPD52</i>	-0.002824801	0.001514297	0.270644273	1
HTN	LEC	<i>TRHDE</i>	0.001705994	0.019811579	0.477395155	1
HTN	LEC	<i>TRIM22</i>	-0.003155365	0.03376536	0.566802793	1
HTN	LEC	<i>TRIM5</i>	-0.004067925	0.011689407	0.411377941	1
HTN	LEC	<i>TRIM63</i>	0.012704541	0.003692013	0.316690009	1
HTN	LEC	<i>TRMT112</i>	-0.009692844	0.017463725	0.451559104	1
HTN	LEC	<i>TSPAN4</i>	0.012700275	7.19E-07	0.00429573	0.00429573
HTN	LEC	<i>TTC5</i>	-0.008051424	0.0335434	0.566258077	1
HTN	LEC	<i>TTC7B</i>	0.003308501	0.009238075	0.390042881	1
HTN	LEC	<i>TTPA</i>	0.016402441	0.011964866	0.413778683	1
HTN	LEC	<i>TYK2</i>	-0.005931891	0.043523605	0.619278728	1
HTN	LEC	<i>UBAC1</i>	0.0067523	0.023709425	0.502438023	1
HTN	LEC	<i>UBXN2B</i>	-0.005643557	0.045289427	0.623737589	1
HTN	LEC	<i>UCP2</i>	-0.00428122	0.045658895	0.624388007	1
HTN	LEC	<i>UGP2</i>	0.002918946	0.011649584	0.411377941	1
HTN	LEC	<i>USB1</i>	-0.017039394	0.012437287	0.416000889	1
HTN	LEC	<i>USP15</i>	-0.001183464	0.03683156	0.586947742	1
HTN	LEC	<i>USP40</i>	0.004432521	0.032928492	0.563840396	1
HTN	LEC	<i>VAV3</i>	-0.001718526	0.020833946	0.485497464	1
HTN	LEC	<i>VPS37C</i>	-0.009310437	0.003319924	0.305292108	1
HTN	LEC	<i>VTI1A</i>	-0.001752228	0.039505518	0.600725124	1
HTN	LEC	<i>WDR19</i>	0.005257691	0.039820852	0.60272965	1
HTN	LEC	<i>WDR37</i>	-0.003689634	0.015309076	0.439938881	1
HTN	LEC	<i>WDR41</i>	0.005440216	0.018127971	0.459037108	1
HTN	LEC	<i>WDR88</i>	-0.008249512	0.038026501	0.590250315	1
HTN	LEC	<i>WDR93</i>	0.005745645	0.046220481	0.627758169	1
HTN	LEC	<i>WDSUB1</i>	0.006547677	0.016483561	0.445727433	1
HTN	LEC	<i>WNT3</i>	-0.034236136	0.015249673	0.439938881	1
HTN	LEC	<i>XKR8</i>	-0.021177353	0.041259582	0.60731992	1
HTN	LEC	<i>XPO6</i>	-0.001759987	0.006840733	0.352415714	1
HTN	LEC	<i>YIPF2</i>	0.016233471	0.022695837	0.493681016	1
HTN	LEC	<i>ZDHHC20</i>	-0.00264309	0.045561246	0.624388007	1
HTN	LEC	<i>ZFHX3</i>	0.001690254	0.025747613	0.518669827	1
HTN	LEC	<i>ZKSCAN1</i>	0.004114892	0.031328917	0.546243393	1
HTN	LEC	<i>ZMYND12</i>	-0.021998642	0.026859118	0.524542776	1
HTN	LEC	<i>ZNF117</i>	0.00513148	0.021273732	0.485732064	1
HTN	LEC	<i>ZNF142</i>	0.019683969	0.006750941	0.352415714	1
HTN	LEC	<i>ZNF143</i>	-0.006886378	0.008737712	0.383945356	1
HTN	LEC	<i>ZNF248</i>	0.004927012	0.024519946	0.510561673	1
HTN	LEC	<i>ZNF25</i>	0.007495589	0.0277875	0.52539308	1
HTN	LEC	<i>ZNF276</i>	-0.007434661	0.002556308	0.27775449	1
HTN	LEC	<i>ZNF334</i>	0.008446205	0.007393183	0.357898526	1
HTN	LEC	<i>ZNF33A</i>	-0.004458383	0.022990158	0.494205689	1
HTN	LEC	<i>ZNF417</i>	0.014925183	0.02055432	0.485497464	1
HTN	LEC	<i>ZNF483</i>	0.008085235	0.048026085	0.628888296	1
HTN	LEC	<i>ZNF565</i>	0.004826698	0.017484869	0.451559104	1
HTN	LEC	<i>ZNF609</i>	0.001972357	0.045445559	0.624327956	1
HTN	LEC	<i>ZNF626</i>	-0.013350975	0.032985397	0.563840396	1
HTN	LEC	<i>ZNF652</i>	-0.0033532	0.004668541	0.336134926	1
HTN	LEC	<i>ZNF704</i>	0.002198028	0.003998846	0.328388341	1
HTN	LEC	<i>ZNF93</i>	-0.007688817	0.036269104	0.586947742	1
HTN	LEC	<i>ZSCAN23</i>	0.016605429	0.021454173	0.485732064	1

HTN	LEC	<i>HLA-DOB</i>	-0.01122917	0.007635634	0.359295654	1
HTN	LEC	<i>BEND4</i>	-0.016977966	0.034583901	0.574831527	1
HTN	LEC	<i>SDC1</i>	-0.023309685	0.038797609	0.595732085	1
HTN	LEC	<i>CYP7A1</i>	-0.097295161	0.013498429	0.42226214	1
HTN	macrophage	<i>ABCG8</i>	-0.021199315	0.036083762	0.730364529	1
HTN	macrophage	<i>ABHD12</i>	-0.005258356	0.037369296	0.730937306	1
HTN	macrophage	<i>AC144652.1</i>	0.018154877	0.038754289	0.740734341	1
HTN	macrophage	<i>ACER3</i>	0.002060451	0.005676773	0.540579053	1
HTN	macrophage	<i>ACOT11</i>	0.007065148	0.006423294	0.540579053	1
HTN	macrophage	<i>ACSM5</i>	0.013798297	0.004661577	0.540579053	1
HTN	macrophage	<i>ACTR3</i>	-0.002493958	0.026289386	0.689058648	1
HTN	macrophage	<i>ACVR1C</i>	0.003142243	0.011574263	0.623544802	1
HTN	macrophage	<i>ADAM19</i>	-0.002240349	0.043609639	0.765863661	1
HTN	macrophage	<i>ADH1B</i>	0.001815224	0.035668789	0.730364529	1
HTN	macrophage	<i>AGTPBP1</i>	-0.003153878	0.003825281	0.540579053	1
HTN	macrophage	<i>AH11</i>	0.001783902	0.018337338	0.635405245	1
HTN	macrophage	<i>AIG1</i>	0.005345656	0.034095973	0.725115792	1
HTN	macrophage	<i>AKTIP</i>	-0.009347243	0.008539313	0.590289358	1
HTN	macrophage	<i>ALK</i>	0.007643673	0.029962016	0.700145126	1
HTN	macrophage	<i>ALS2</i>	0.002701739	0.026803781	0.694408765	1
HTN	macrophage	<i>ANKRD26</i>	0.00501543	0.040862086	0.749830288	1
HTN	macrophage	<i>ANKRD27</i>	0.003737606	0.030562387	0.706742397	1
HTN	macrophage	<i>ANKRD44</i>	-0.001061867	0.004884851	0.540579053	1
HTN	macrophage	<i>APOBEC3G</i>	-0.005275028	0.034556114	0.727138505	1
HTN	macrophage	<i>ARHGDIB</i>	-0.003962409	0.003891206	0.540579053	1
HTN	macrophage	<i>ARPC2</i>	-0.001662287	0.03322049	0.724420006	1
HTN	macrophage	<i>ARPC3</i>	-0.005488964	0.045743345	0.782805313	1
HTN	macrophage	<i>ARSG</i>	-0.003661498	0.019403059	0.640142444	1
HTN	macrophage	<i>ATF6</i>	-0.00195571	0.037823392	0.736262503	1
HTN	macrophage	<i>ATP1B1</i>	0.006842972	0.027306904	0.694408765	1
HTN	macrophage	<i>ATP2A3</i>	-0.003772248	0.008527914	0.590289358	1
HTN	macrophage	<i>ATP6V0E2</i>	-0.01964972	0.024249553	0.6709043	1
HTN	macrophage	<i>ATP6VID</i>	0.00773373	0.020598383	0.64284857	1
HTN	macrophage	<i>ATP8A1</i>	-0.003405451	0.000598168	0.519826166	1
HTN	macrophage	<i>ATP9A</i>	0.004087474	0.005840411	0.540579053	1
HTN	macrophage	<i>ATXN3</i>	0.001955827	0.037379765	0.730937306	1
HTN	macrophage	<i>BACE2</i>	0.001480098	0.042592102	0.765156028	1
HTN	macrophage	<i>BBC3</i>	-0.019681848	0.047596251	0.783568035	1
HTN	macrophage	<i>BHMT2</i>	0.008137187	0.009167172	0.602011186	1
HTN	macrophage	<i>BMPRI4</i>	0.001826786	0.010732014	0.623544802	1
HTN	macrophage	<i>BOD1L1</i>	-0.003964777	0.030585504	0.706742397	1
HTN	macrophage	<i>BOK</i>	0.007861699	0.038796829	0.740734341	1
HTN	macrophage	<i>BPHL</i>	0.007625055	0.045013424	0.775216772	1
HTN	macrophage	<i>BTN3A1</i>	-0.004065415	0.007006801	0.543800574	1
HTN	macrophage	<i>BTN3A2</i>	-0.006038731	0.006335099	0.540579053	1
HTN	macrophage	<i>C11orf63</i>	0.007575476	0.01718466	0.623544802	1
HTN	macrophage	<i>C1QTNF7</i>	0.004253875	0.017267483	0.623544802	1
HTN	macrophage	<i>C20orf196</i>	-0.004758918	0.025739225	0.683633825	1
HTN	macrophage	<i>C2CD2</i>	0.005860124	0.002523263	0.540579053	1
HTN	macrophage	<i>C2orf88</i>	0.005181833	0.028167724	0.695119407	1
HTN	macrophage	<i>C6</i>	0.004800657	0.026235568	0.689058648	1
HTN	macrophage	<i>CACNA2D1</i>	0.001462609	0.046491486	0.782805313	1

HTN	macrophage	<i>CALR</i>	-0.003804019	0.017529372	0.623544802	1
HTN	macrophage	<i>CAMK2N1</i>	0.012889686	0.013544288	0.623544802	1
HTN	macrophage	<i>CASP8</i>	-0.00238608	0.04631469	0.782805313	1
HTN	macrophage	<i>CBL</i>	-0.003391553	0.015197821	0.623544802	1
HTN	macrophage	<i>CCDC102A</i>	-0.010586139	0.046224206	0.782805313	1
HTN	macrophage	<i>CCDC158</i>	0.015681972	0.041588654	0.754099833	1
HTN	macrophage	<i>CCDC171</i>	0.007682873	0.011946174	0.623544802	1
HTN	macrophage	<i>CCDC88C</i>	-0.002528616	0.003469093	0.540579053	1
HTN	macrophage	<i>CCL4</i>	-0.003622542	0.029196809	0.695119407	1
HTN	macrophage	<i>CCT8</i>	-0.007948254	0.022504886	0.652860176	1
HTN	macrophage	<i>CD37</i>	-0.003558174	0.016213066	0.623544802	1
HTN	macrophage	<i>CD3E</i>	-0.004558457	0.037427513	0.730937306	1
HTN	macrophage	<i>CD52</i>	-0.004861289	0.014258036	0.623544802	1
HTN	macrophage	<i>CDC42SE1</i>	-0.00481671	0.003431373	0.540579053	1
HTN	macrophage	<i>CDK19</i>	-0.002909066	0.025250818	0.682231744	1
HTN	macrophage	<i>CDO1</i>	0.009783196	0.027202011	0.694408765	1
HTN	macrophage	<i>CDON</i>	0.002684085	0.043122718	0.765156028	1
HTN	macrophage	<i>CFL2</i>	0.009008247	0.017259206	0.623544802	1
HTN	macrophage	<i>CHST1</i>	0.054533046	0.014990568	0.623544802	1
HTN	macrophage	<i>CHST11</i>	-0.000882926	0.028961517	0.695119407	1
HTN	macrophage	<i>CHURC1</i>	-0.004578428	0.003785737	0.540579053	1
HTN	macrophage	<i>CLEC2D</i>	-0.00137467	0.040122458	0.748207545	1
HTN	macrophage	<i>CLIC3</i>	-0.012259307	0.033679766	0.724982493	1
HTN	macrophage	<i>CLIC6</i>	0.013734267	0.030630234	0.706742397	1
HTN	macrophage	<i>CLUAP1</i>	-0.008154193	0.012583442	0.623544802	1
HTN	macrophage	<i>CMA1</i>	0.00708105	0.023255256	0.656102259	1
HTN	macrophage	<i>CNOT6L</i>	-0.002783544	0.012200294	0.623544802	1
HTN	macrophage	<i>CNTLN</i>	0.002493456	0.02157228	0.64284857	1
HTN	macrophage	<i>CNTN2</i>	0.02950233	0.020535653	0.64284857	1
HTN	macrophage	<i>CNTROB</i>	0.010960345	0.005282196	0.540579053	1
HTN	macrophage	<i>COL12A1</i>	0.00262364	0.04306052	0.765156028	1
HTN	macrophage	<i>COL24A1</i>	0.007254025	0.01731318	0.623544802	1
HTN	macrophage	<i>COPE</i>	-0.005483791	0.040189863	0.748207545	1
HTN	macrophage	<i>CORO1A</i>	-0.00734165	0.005728328	0.540579053	1
HTN	macrophage	<i>COX14</i>	0.006277983	0.044358192	0.770594635	1
HTN	macrophage	<i>CPSF3</i>	0.007626661	0.017455829	0.623544802	1
HTN	macrophage	<i>CSF1</i>	0.003228894	0.01545448	0.623544802	1
HTN	macrophage	<i>CUL3</i>	-0.003136808	0.027570269	0.695119407	1
HTN	macrophage	<i>CUX1</i>	-0.002041593	0.02687137	0.694408765	1
HTN	macrophage	<i>CXCR4</i>	-0.006264923	0.020376081	0.64284857	1
HTN	macrophage	<i>CYB5D2</i>	0.005760095	0.03559168	0.730364529	1
HTN	macrophage	<i>CYBA</i>	-0.002799456	0.001314987	0.519826166	1
HTN	macrophage	<i>CYBRD1</i>	0.00364049	0.04906876	0.792344021	1
HTN	macrophage	<i>CYP4F22</i>	-0.033417658	0.021026195	0.64284857	1
HTN	macrophage	<i>CYTH1</i>	-0.002269127	0.000918989	0.519826166	1
HTN	macrophage	<i>DDTL</i>	0.023254863	0.028129736	0.695119407	1
HTN	macrophage	<i>DENND4B</i>	-0.006409178	0.010781384	0.623544802	1
HTN	macrophage	<i>DGCR2</i>	-0.005809648	0.009992442	0.623544802	1
HTN	macrophage	<i>DIAPH1</i>	-0.002379739	0.028266924	0.695119407	1
HTN	macrophage	<i>DOCK8</i>	-0.001010068	0.011269441	0.623544802	1
HTN	macrophage	<i>DRD2</i>	0.024483203	0.032096371	0.714288025	1
HTN	macrophage	<i>DTWD1</i>	0.004439626	0.03875945	0.740734341	1

HTN	macrophage	<i>DTX4</i>	0.011482888	0.027093014	0.694408765	1
HTN	macrophage	<i>ECHDC2</i>	0.002877145	0.010934371	0.623544802	1
HTN	macrophage	<i>ECM2</i>	0.003515925	0.016986048	0.623544802	1
HTN	macrophage	<i>EFCAB2</i>	0.005647727	0.008192773	0.589879631	1
HTN	macrophage	<i>EIF2AK4</i>	0.004483578	0.012847671	0.623544802	1
HTN	macrophage	<i>EIF3F</i>	-0.004382398	0.028491186	0.695119407	1
HTN	macrophage	<i>EIF4G3</i>	-0.002841866	0.01447985	0.623544802	1
HTN	macrophage	<i>EMB</i>	-0.00210564	0.043759467	0.765863661	1
HTN	macrophage	<i>ENPP3</i>	0.003037325	0.012787296	0.623544802	1
HTN	macrophage	<i>EPB41</i>	-0.002508016	0.001739126	0.519826166	1
HTN	macrophage	<i>EPCAM</i>	0.029726759	0.030870925	0.70681793	1
HTN	macrophage	<i>ERAP2</i>	-0.005709583	0.000922025	0.519826166	1
HTN	macrophage	<i>ERI2</i>	0.010098746	0.001706393	0.519826166	1
HTN	macrophage	<i>ERP27</i>	-0.011271825	0.020724727	0.64284857	1
HTN	macrophage	<i>EVL</i>	-0.002239062	0.022944074	0.656102259	1
HTN	macrophage	<i>EXOC6B</i>	0.001667308	0.007420121	0.561299253	1
HTN	macrophage	<i>F2RL1</i>	-0.052520767	0.033335927	0.724420006	1
HTN	macrophage	<i>FAM114A1</i>	0.004990811	0.017116448	0.623544802	1
HTN	macrophage	<i>FAM126B</i>	-0.002538757	0.014119526	0.623544802	1
HTN	macrophage	<i>FAM13A</i>	0.002834281	0.005852912	0.540579053	1
HTN	macrophage	<i>FAM149B1</i>	0.005279625	0.001831829	0.519826166	1
HTN	macrophage	<i>FASN</i>	0.007885257	0.043357212	0.765676038	1
HTN	macrophage	<i>FBXO27</i>	0.013607267	0.048453054	0.789324732	1
HTN	macrophage	<i>FCER1A</i>	0.007004912	0.008894406	0.598655633	1
HTN	macrophage	<i>FGFR1</i>	0.002535672	0.017419819	0.623544802	1
HTN	macrophage	<i>FLRT1</i>	0.015986594	0.011726954	0.623544802	1
HTN	macrophage	<i>FMNI</i>	0.001874251	0.036747115	0.730904796	1
HTN	macrophage	<i>FNBPI</i>	-0.001579852	0.029933376	0.700145126	1
HTN	macrophage	<i>FOXP2</i>	0.002212594	0.01835312	0.635405245	1
HTN	macrophage	<i>FREMI</i>	0.002859508	0.006636723	0.540579053	1
HTN	macrophage	<i>FTCDNL1</i>	0.006703012	0.047893573	0.786296685	1
HTN	macrophage	<i>FXYD5</i>	-0.0080009	0.001705715	0.519826166	1
HTN	macrophage	<i>GATAD1</i>	0.00374238	0.039848591	0.746505258	1
HTN	macrophage	<i>GBP5</i>	-0.004620175	0.046653701	0.782805313	1
HTN	macrophage	<i>GCDH</i>	0.006655179	0.04847426	0.789324732	1
HTN	macrophage	<i>GHR</i>	0.001621611	0.024491528	0.674476379	1
HTN	macrophage	<i>GLIPR1</i>	-0.003346897	0.049190032	0.792344021	1
HTN	macrophage	<i>GLRX</i>	0.003111916	0.01946632	0.640142444	1
HTN	macrophage	<i>GNLY</i>	-0.001186377	0.023275381	0.656102259	1
HTN	macrophage	<i>GPR135</i>	0.008933503	0.034077163	0.725115792	1
HTN	macrophage	<i>GPT2</i>	0.007548459	0.006408934	0.540579053	1
HTN	macrophage	<i>GPX7</i>	-0.008428843	0.021947497	0.647948882	1
HTN	macrophage	<i>GREB1L</i>	0.00330319	0.039233084	0.744220567	1
HTN	macrophage	<i>GRID2IP</i>	-0.012871021	0.046151695	0.782805313	1
HTN	macrophage	<i>GSK3B</i>	-0.003262934	0.022989632	0.656102259	1
HTN	macrophage	<i>GSTM2</i>	0.008186974	0.022118737	0.647948882	1
HTN	macrophage	<i>GTPBP3</i>	-0.023039314	0.035950575	0.730364529	1
HTN	macrophage	<i>HCLS1</i>	-0.002428659	0.015952693	0.623544802	1
HTN	macrophage	<i>HDHD3</i>	0.006899013	0.040770232	0.749830288	1
HTN	macrophage	<i>HEPACAM</i>	0.009303929	0.024214876	0.6709043	1
HTN	macrophage	<i>HEXDC</i>	-0.004941864	0.00859357	0.590289358	1
HTN	macrophage	<i>HIBCH</i>	0.002726009	0.01268742	0.623544802	1

HTN	macrophage	<i>HLA-A</i>	-0.002604052	0.000196296	0.2596311	1
HTN	macrophage	<i>HLA-B</i>	-0.001969674	9.80E-05	0.256556194	0.585550473
HTN	macrophage	<i>HLA-C</i>	-0.002345692	0.001406635	0.519826166	1
HTN	macrophage	<i>HLA-E</i>	-0.002416943	0.008146769	0.589879631	1
HTN	macrophage	<i>HLA-F</i>	-0.004901999	0.004913392	0.540579053	1
HTN	macrophage	<i>HNRNPK</i>	-0.004567868	0.041642059	0.754099833	1
HTN	macrophage	<i>HOXA6</i>	0.012927698	0.018605022	0.635405245	1
HTN	macrophage	<i>HPGDS</i>	0.001791889	0.020950529	0.64284857	1
HTN	macrophage	<i>HPSE2</i>	0.004554944	0.023474576	0.658610638	1
HTN	macrophage	<i>HRASLS5</i>	0.01053328	0.006701086	0.540579053	1
HTN	macrophage	<i>HRK</i>	-0.021063888	0.042826773	0.765156028	1
HTN	macrophage	<i>HSDL2</i>	0.003038949	0.038631024	0.740734341	1
HTN	macrophage	<i>ICAM3</i>	-0.010632109	0.003395563	0.540579053	1
HTN	macrophage	<i>IFITM2</i>	-0.006471462	0.014114499	0.623544802	1
HTN	macrophage	<i>IFNAR2</i>	-0.003033816	0.00274776	0.540579053	1
HTN	macrophage	<i>IFT172</i>	0.006496895	0.025257292	0.682231744	1
HTN	macrophage	<i>IKBKE</i>	-0.012314167	0.021534532	0.64284857	1
HTN	macrophage	<i>IKZF3</i>	-0.002359833	0.001272607	0.519826166	1
HTN	macrophage	<i>IL27RA</i>	-0.005816075	0.02999283	0.700145126	1
HTN	macrophage	<i>IL32</i>	-0.005722012	0.024927008	0.682231744	1
HTN	macrophage	<i>ILDR1</i>	-0.052266513	0.019495637	0.640142444	1
HTN	macrophage	<i>INPP4A</i>	-0.002293718	0.012705819	0.623544802	1
HTN	macrophage	<i>INVS</i>	0.00296433	0.029063635	0.695119407	1
HTN	macrophage	<i>IPO5</i>	-0.005035771	0.018629236	0.635405245	1
HTN	macrophage	<i>ISG20</i>	-0.00596787	0.021621915	0.64284857	1
HTN	macrophage	<i>ITGA4</i>	-0.001572365	0.018363233	0.635405245	1
HTN	macrophage	<i>JKAMP</i>	0.005848636	0.012664018	0.623544802	1
HTN	macrophage	<i>KCNIP2</i>	0.006716657	0.015741555	0.623544802	1
HTN	macrophage	<i>KIAA0040</i>	-0.006244788	0.002019576	0.524738438	1
HTN	macrophage	<i>KIAA0825</i>	-0.002458272	0.032792647	0.720473755	1
HTN	macrophage	<i>KLHL31</i>	0.006339417	0.016998212	0.623544802	1
HTN	macrophage	<i>KREMEN1</i>	0.002883468	0.048409246	0.789324732	1
HTN	macrophage	<i>L3MBTL3</i>	-0.003573783	0.044998321	0.775216772	1
HTN	macrophage	<i>LAPTM5</i>	-0.003841409	0.013120524	0.623544802	1
HTN	macrophage	<i>LCLAT1</i>	-0.005182581	0.009015898	0.598655633	1
HTN	macrophage	<i>LINC00839</i>	0.04701163	0.031308815	0.708717726	1
HTN	macrophage	<i>LINC00926</i>	-0.00278941	0.046893237	0.782805313	1
HTN	macrophage	<i>LINC00969</i>	0.004187832	0.006462506	0.540579053	1
HTN	macrophage	<i>LLGL2</i>	-0.005264753	0.010754967	0.623544802	1
HTN	macrophage	<i>LMO3</i>	0.002521712	0.046633027	0.782805313	1
HTN	macrophage	<i>LNPEP</i>	-0.002997248	0.012736743	0.623544802	1
HTN	macrophage	<i>LRMP</i>	-0.003247661	0.000818662	0.519826166	1
HTN	macrophage	<i>LRP1B</i>	0.002154606	0.005711112	0.540579053	1
HTN	macrophage	<i>LRRC34</i>	0.011300245	0.021448326	0.64284857	1
HTN	macrophage	<i>LSG1</i>	-0.004591744	0.004085261	0.540579053	1
HTN	macrophage	<i>LURAP1L</i>	0.004667374	0.025178562	0.682231744	1
HTN	macrophage	<i>MAL2</i>	0.012907012	0.035805621	0.730364529	1
HTN	macrophage	<i>MALRD1</i>	0.008026102	0.016518709	0.623544802	1
HTN	macrophage	<i>MAP1LC3A</i>	0.006880035	0.015019914	0.623544802	1
HTN	macrophage	<i>MAP1LC3C</i>	0.047144925	0.004019727	0.540579053	1
HTN	macrophage	<i>MAP3K5</i>	-0.002308715	0.005572305	0.540579053	1
HTN	macrophage	<i>MARVELD3</i>	0.033470105	0.017502419	0.623544802	1

HTN	macrophage	<i>MAST2</i>	0.004361863	0.031892323	0.713814683	1
HTN	macrophage	<i>MBNL1</i>	-0.001378584	0.005872477	0.540579053	1
HTN	macrophage	<i>ME3</i>	0.007252273	0.007805277	0.583054183	1
HTN	macrophage	<i>MGEA5</i>	-0.002181341	0.03681168	0.730904796	1
HTN	macrophage	<i>MLXIPL</i>	0.002774509	0.028722074	0.695119407	1
HTN	macrophage	<i>MMACHC</i>	0.019686399	0.016528804	0.623544802	1
HTN	macrophage	<i>MOB3A</i>	-0.003515637	0.021466134	0.64284857	1
HTN	macrophage	<i>MOGAT1</i>	0.009930575	0.031155216	0.707922333	1
HTN	macrophage	<i>MRAS</i>	0.007373977	0.009407803	0.611098139	1
HTN	macrophage	<i>MRO</i>	0.044141244	0.034911054	0.730364529	1
HTN	macrophage	<i>MTHFD1</i>	0.007419234	0.00474371	0.540579053	1
HTN	macrophage	<i>MUM1</i>	0.006559677	0.003831776	0.540579053	1
HTN	macrophage	<i>MYBL1</i>	-0.002007468	0.022452529	0.652860176	1
HTN	macrophage	<i>MYL12A</i>	-0.00816235	0.001830855	0.519826166	1
HTN	macrophage	<i>MYO1F</i>	-0.00088845	0.020381629	0.64284857	1
HTN	macrophage	<i>NBPF1</i>	0.008716754	0.033842493	0.724982493	1
HTN	macrophage	<i>NDUFV3</i>	0.004670545	0.043829547	0.765863661	1
HTN	macrophage	<i>NEK11</i>	0.006921317	0.001158896	0.519826166	1
HTN	macrophage	<i>NFIA</i>	0.00117015	0.035581146	0.730364529	1
HTN	macrophage	<i>NFIX</i>	0.004259026	0.04727068	0.782805313	1
HTN	macrophage	<i>NMNAT3</i>	0.006103744	0.015738022	0.623544802	1
HTN	macrophage	<i>NNT</i>	0.004808254	0.012607461	0.623544802	1
HTN	macrophage	<i>NPC1</i>	-0.005641344	0.001913684	0.519826166	1
HTN	macrophage	<i>NRBP1</i>	-0.004393874	0.034488606	0.727138505	1
HTN	macrophage	<i>NUAK2</i>	-0.011802326	0.015846644	0.623544802	1
HTN	macrophage	<i>NUP153</i>	-0.004842377	0.035511012	0.730364529	1
HTN	macrophage	<i>OAF</i>	0.004989603	0.01459287	0.623544802	1
HTN	macrophage	<i>ODF3B</i>	-0.009323197	0.038256549	0.740734341	1
HTN	macrophage	<i>ORAI2</i>	-0.00577768	0.027652307	0.695119407	1
HTN	macrophage	<i>ORMDL3</i>	0.011752967	0.008995472	0.598655633	1
HTN	macrophage	<i>OSBPL3</i>	-0.002718073	0.019151451	0.639380302	1
HTN	macrophage	<i>PACSI</i>	-0.001789055	0.006869962	0.540579053	1
HTN	macrophage	<i>PARP14</i>	-0.002639948	0.013677825	0.623544802	1
HTN	macrophage	<i>PARP15</i>	-0.003062112	0.015382208	0.623544802	1
HTN	macrophage	<i>PARP8</i>	-0.001832644	0.000968182	0.519826166	1
HTN	macrophage	<i>PATL2</i>	-0.004430234	0.036176021	0.730364529	1
HTN	macrophage	<i>PBX1</i>	0.001590549	0.006740925	0.540579053	1
HTN	macrophage	<i>PBX3</i>	0.002141941	0.047511067	0.783568035	1
HTN	macrophage	<i>PCDHGA5</i>	0.015581595	0.048922372	0.792303776	1
HTN	macrophage	<i>PCSK1</i>	0.01383845	0.013845739	0.623544802	1
HTN	macrophage	<i>PCSK7</i>	-0.002360974	0.048877543	0.792303776	1
HTN	macrophage	<i>PDCD1</i>	-0.012943719	0.015869486	0.623544802	1
HTN	macrophage	<i>PDCD1LG2</i>	0.01108387	0.022016738	0.647948882	1
HTN	macrophage	<i>PEPD</i>	0.005348723	0.015228007	0.623544802	1
HTN	macrophage	<i>PLA2G6</i>	0.010863742	0.00519861	0.540579053	1
HTN	macrophage	<i>PLCH2</i>	-0.016537517	0.047183981	0.782805313	1
HTN	macrophage	<i>PLEKHA6</i>	0.011201083	0.005205598	0.540579053	1
HTN	macrophage	<i>PLEKHJ1</i>	0.008756473	0.021363981	0.64284857	1
HTN	macrophage	<i>PMS2</i>	-0.010988206	0.027777544	0.695119407	1
HTN	macrophage	<i>POGZ</i>	0.003183232	0.036898232	0.730904796	1
HTN	macrophage	<i>PPM1G</i>	-0.004744465	0.039602098	0.744220567	1
HTN	macrophage	<i>PPP2R1A</i>	-0.009972575	0.035935647	0.730364529	1

HTN	macrophage	<i>PRDM15</i>	-0.01138768	0.041109445	0.751284534	1
HTN	macrophage	<i>PRKD2</i>	-0.00329076	0.036992721	0.730904796	1
HTN	macrophage	<i>PSD4</i>	-0.005518908	0.036821123	0.730904796	1
HTN	macrophage	<i>PSMB3</i>	-0.012517865	0.013238193	0.623544802	1
HTN	macrophage	<i>PSTPIP1</i>	-0.005166307	0.030843936	0.70681793	1
HTN	macrophage	<i>PTGDR</i>	-0.003817008	0.02145712	0.64284857	1
HTN	macrophage	<i>PTGER3</i>	0.003051231	6.74E-05	0.256556194	0.40291326
HTN	macrophage	<i>PTGRI</i>	0.00653726	0.012430895	0.623544802	1
HTN	macrophage	<i>PTPRS</i>	0.00230583	0.035324954	0.730364529	1
HTN	macrophage	<i>PYHIN1</i>	-0.001628934	0.017250924	0.623544802	1
HTN	macrophage	<i>QDPR</i>	0.009273945	0.038725361	0.740734341	1
HTN	macrophage	<i>RABGAP1L</i>	-0.00152155	0.001768633	0.519826166	1
HTN	macrophage	<i>RABGEF1</i>	0.012248545	0.040451938	0.749830288	1
HTN	macrophage	<i>RAP1A</i>	-0.002800988	0.007228472	0.553812198	1
HTN	macrophage	<i>RAPGEF6</i>	0.01086654	0.006167675	0.540579053	1
HTN	macrophage	<i>RASA3</i>	-0.002171744	0.018713407	0.635405245	1
HTN	macrophage	<i>RBL2</i>	-0.00272334	0.004215396	0.540579053	1
HTN	macrophage	<i>RCSD1</i>	-0.001948458	0.006004076	0.540579053	1
HTN	macrophage	<i>RDH5</i>	0.002960992	0.017648074	0.624052619	1
HTN	macrophage	<i>REPIN1</i>	-0.008968842	0.018945878	0.636273326	1
HTN	macrophage	<i>RHBDF2</i>	-0.003448369	0.015570839	0.623544802	1
HTN	macrophage	<i>RHOBTB3</i>	0.002395117	0.004650935	0.540579053	1
HTN	macrophage	<i>RNASEH2B</i>	-0.003024268	0.033660991	0.724982493	1
HTN	macrophage	<i>RNF165</i>	-0.004659933	0.043434434	0.765676038	1
HTN	macrophage	<i>RNF213</i>	-0.002174793	0.004673966	0.540579053	1
HTN	macrophage	<i>RNF217</i>	0.004413493	0.032277826	0.714288025	1
HTN	macrophage	<i>RPL12</i>	-0.003625702	0.039509474	0.744220567	1
HTN	macrophage	<i>RPS11</i>	-0.003145958	0.013645632	0.623544802	1
HTN	macrophage	<i>RPS13</i>	-0.007315408	0.032192906	0.714288025	1
HTN	macrophage	<i>RPS18</i>	-0.003213468	0.016738381	0.623544802	1
HTN	macrophage	<i>RPS3</i>	-0.004169124	0.014669301	0.623544802	1
HTN	macrophage	<i>RPSA</i>	-0.007176893	0.014734137	0.623544802	1
HTN	macrophage	<i>RRM2B</i>	-0.009297191	0.041434897	0.754099833	1
HTN	macrophage	<i>SI00A3</i>	0.081196515	0.039590953	0.744220567	1
HTN	macrophage	<i>SAMD9</i>	-0.006114338	0.011631539	0.623544802	1
HTN	macrophage	<i>SAMD9L</i>	-0.00353358	0.033313502	0.724420006	1
HTN	macrophage	<i>SDCCAG8</i>	0.001679415	0.029428583	0.695119407	1
HTN	macrophage	<i>SDHA</i>	-0.004904169	0.004530668	0.540579053	1
HTN	macrophage	<i>SEL1L3</i>	-0.001535534	0.029115267	0.695119407	1
HTN	macrophage	<i>SEMA4D</i>	-0.002087521	0.018951916	0.636273326	1
HTN	macrophage	<i>SLC18A2</i>	0.001649587	0.039355065	0.744220567	1
HTN	macrophage	<i>SLC19A3</i>	0.002228228	0.030988336	0.70681793	1
HTN	macrophage	<i>SLC25A3</i>	-0.006407871	0.034403532	0.727138505	1
HTN	macrophage	<i>SLC2A10</i>	0.011655633	0.040650054	0.749830288	1
HTN	macrophage	<i>SLC44A2</i>	-0.004229563	0.011706373	0.623544802	1
HTN	macrophage	<i>SLC9A3R1</i>	-0.005907115	0.046515477	0.782805313	1
HTN	macrophage	<i>SLCO3A1</i>	-0.001153667	0.02161963	0.64284857	1
HTN	macrophage	<i>SLFN12L</i>	-0.002461141	0.000217228	0.2596311	1
HTN	macrophage	<i>SLFN13</i>	-0.014988565	0.006580734	0.540579053	1
HTN	macrophage	<i>SMCHD1</i>	-0.000968419	0.006803963	0.540579053	1
HTN	macrophage	<i>SP100</i>	-0.002293146	0.003374292	0.540579053	1
HTN	macrophage	<i>SP110</i>	-0.003973437	0.001006384	0.519826166	1

HTN	macrophage	<i>SPATA20</i>	0.013324406	0.021598589	0.64284857	1
HTN	macrophage	<i>SPATA22</i>	0.004629488	0.02713684	0.694408765	1
HTN	macrophage	<i>SPATA7</i>	0.006392178	0.011132765	0.623544802	1
HTN	macrophage	<i>SPIRE1</i>	0.003507477	0.020383147	0.64284857	1
HTN	macrophage	<i>SRGAP1</i>	0.002770869	0.025428952	0.682231744	1
HTN	macrophage	<i>ST3GAL6</i>	0.007435239	0.000128793	0.256556194	0.769668583
HTN	macrophage	<i>ST8SIA1</i>	0.001333368	0.028846849	0.695119407	1
HTN	macrophage	<i>STAM2</i>	0.003418516	0.006440727	0.540579053	1
HTN	macrophage	<i>STAT4</i>	-0.001876848	0.006108087	0.540579053	1
HTN	macrophage	<i>STIM2</i>	-0.004241484	0.005691077	0.540579053	1
HTN	macrophage	<i>STK17A</i>	-0.002639359	0.006874834	0.540579053	1
HTN	macrophage	<i>STOX1</i>	0.006657975	0.044114106	0.768588622	1
HTN	macrophage	<i>STX17</i>	0.00413851	0.025572274	0.682231744	1
HTN	macrophage	<i>SULT1B1</i>	-0.015711416	0.003469236	0.540579053	1
HTN	macrophage	<i>SYCP2L</i>	0.004772883	0.031584862	0.71226843	1
HTN	macrophage	<i>TAF10</i>	-0.01087679	0.031746576	0.713223818	1
HTN	macrophage	<i>TAP1</i>	-0.008583798	0.018532826	0.635405245	1
HTN	macrophage	<i>TBC1D10C</i>	-0.006367163	0.005948871	0.540579053	1
HTN	macrophage	<i>TBC1D22A</i>	-0.001788808	0.023731198	0.662699243	1
HTN	macrophage	<i>TBC1D4</i>	0.003166586	0.027908678	0.695119407	1
HTN	macrophage	<i>TCHH</i>	0.032370205	0.044508941	0.77097227	1
HTN	macrophage	<i>TEF</i>	0.013155104	0.005348118	0.540579053	1
HTN	macrophage	<i>TES</i>	-0.005624067	0.047200108	0.782805313	1
HTN	macrophage	<i>TFEB</i>	-0.004778729	0.02552756	0.682231744	1
HTN	macrophage	<i>TK2</i>	0.008738319	0.007992683	0.589682407	1
HTN	macrophage	<i>TLE6</i>	0.046634321	0.01671927	0.623544802	1
HTN	macrophage	<i>TM2D3</i>	-0.008020978	0.036592361	0.730904796	1
HTN	macrophage	<i>TMC6</i>	-0.005273041	0.028400657	0.695119407	1
HTN	macrophage	<i>TMEFF2</i>	0.004451651	0.008419799	0.590289358	1
HTN	macrophage	<i>TMEM2</i>	-0.003135801	0.015221733	0.623544802	1
HTN	macrophage	<i>TMEM220</i>	0.004746981	0.021296647	0.64284857	1
HTN	macrophage	<i>TPD52</i>	-0.002062183	0.020430732	0.64284857	1
HTN	macrophage	<i>TRAF3IP2</i>	0.010819987	0.00303767	0.540579053	1
HTN	macrophage	<i>TRAPPC12</i>	-0.003424995	0.037058928	0.730904796	1
HTN	macrophage	<i>TRHDE</i>	0.002034959	0.0056039	0.540579053	1
HTN	macrophage	<i>TRIM13</i>	-0.004173273	0.013297341	0.623544802	1
HTN	macrophage	<i>TSPAN4</i>	0.007224255	0.004989584	0.540579053	1
HTN	macrophage	<i>TTC7B</i>	0.003239838	0.010726817	0.623544802	1
HTN	macrophage	<i>TUSC1</i>	0.016097676	0.012030992	0.623544802	1
HTN	macrophage	<i>TUSC5</i>	0.00721239	0.023061984	0.656102259	1
HTN	macrophage	<i>UBA52</i>	-0.002630075	0.035065203	0.730364529	1
HTN	macrophage	<i>UHRF1BP1</i>	0.006782778	0.015674977	0.623544802	1
HTN	macrophage	<i>USP15</i>	-0.001235135	0.029325841	0.695119407	1
HTN	macrophage	<i>USP40</i>	0.005004352	0.015950046	0.623544802	1
HTN	macrophage	<i>VANGL2</i>	-0.034332216	0.014066666	0.623544802	1
HTN	macrophage	<i>VNN2</i>	-0.002610484	0.043113757	0.765156028	1
HTN	macrophage	<i>VSIG10</i>	0.007705675	0.014036326	0.623544802	1
HTN	macrophage	<i>WDR41</i>	0.004654457	0.043148859	0.765156028	1
HTN	macrophage	<i>WFS1</i>	0.008164913	0.02661403	0.694408765	1
HTN	macrophage	<i>WIPF1</i>	-0.00208957	0.003188739	0.540579053	1
HTN	macrophage	<i>WIP1I</i>	-0.006227095	0.046136733	0.782805313	1
HTN	macrophage	<i>XPO6</i>	-0.001448231	0.026010432	0.687780269	1

HTN	macrophage	<i>XRCC3</i>	-0.008670922	0.032391575	0.714288025	1
HTN	macrophage	<i>XRCC5</i>	-0.003208627	0.047287938	0.782805313	1
HTN	macrophage	<i>ZCCHC11</i>	-0.002377054	0.040904397	0.749830288	1
HTN	macrophage	<i>ZFHX3</i>	0.001540907	0.042003561	0.758348287	1
HTN	macrophage	<i>ZFPM2</i>	0.001158506	0.01371369	0.623544802	1
HTN	macrophage	<i>ZNF260</i>	0.007566038	0.016366634	0.623544802	1
HTN	macrophage	<i>ZNF33A</i>	-0.004714966	0.016088348	0.623544802	1
HTN	macrophage	<i>ZNF554</i>	0.015883253	0.029325731	0.695119407	1
HTN	macrophage	<i>KIR3DL1</i>	-0.035558335	0.033847074	0.724982493	1
HTN	macrophage	<i>SOHLH2</i>	0.00838547	0.014687067	0.623544802	1
HTN	macrophage	<i>AMY2A</i>	0.015211865	0.023207348	0.656102259	1
HTN	mast_cell	<i>ABTB1</i>	-0.004950542	0.024164493	0.652756953	1
HTN	mast_cell	<i>ACER3</i>	0.002401814	0.001275529	0.345758105	1
HTN	mast_cell	<i>ACTR1B</i>	-0.009071751	0.030250762	0.660241723	1
HTN	mast_cell	<i>ACTR3</i>	-0.002857922	0.01090694	0.497556279	1
HTN	mast_cell	<i>ACTR3B</i>	-0.009104004	0.004248758	0.435907074	1
HTN	mast_cell	<i>ADAM19</i>	-0.003001985	0.006881822	0.435907074	1
HTN	mast_cell	<i>ADAM8</i>	-0.008199907	0.03259773	0.660241723	1
HTN	mast_cell	<i>ADH6</i>	0.035840966	0.005180561	0.435907074	1
HTN	mast_cell	<i>ADSS</i>	-0.004846922	0.046740707	0.687482045	1
HTN	mast_cell	<i>AGRN</i>	0.018070413	0.033082913	0.660241723	1
HTN	mast_cell	<i>AGT</i>	-0.057175732	0.04331062	0.679140469	1
HTN	mast_cell	<i>AGTPBP1</i>	-0.003024943	0.005651687	0.435907074	1
HTN	mast_cell	<i>AH11</i>	0.001953862	0.009718567	0.47502863	1
HTN	mast_cell	<i>AIFM3</i>	-0.032985207	0.016028355	0.58873648	1
HTN	mast_cell	<i>AIMP2</i>	0.010979168	0.027465295	0.659132155	1
HTN	mast_cell	<i>AL132989.1</i>	-0.026691675	0.005524767	0.435907074	1
HTN	mast_cell	<i>ALS2</i>	0.002723202	0.025839428	0.652756953	1
HTN	mast_cell	<i>ANK3</i>	-0.001821328	0.026761287	0.652756953	1
HTN	mast_cell	<i>ANKLE2</i>	-0.005779109	0.007230953	0.436486619	1
HTN	mast_cell	<i>ANKRD26</i>	0.005006857	0.041170053	0.673648474	1
HTN	mast_cell	<i>ANKRD27</i>	0.003691658	0.033435308	0.660241723	1
HTN	mast_cell	<i>ANKRD44</i>	-0.001031606	0.006308581	0.435907074	1
HTN	mast_cell	<i>AP2S1</i>	-0.011419238	0.00669373	0.435907074	1
HTN	mast_cell	<i>AP3S2</i>	0.007379452	0.006817184	0.435907074	1
HTN	mast_cell	<i>APOBEC3G</i>	-0.006486474	0.009420829	0.47502863	1
HTN	mast_cell	<i>AQP3</i>	-0.012704128	0.028346212	0.659132155	1
HTN	mast_cell	<i>ARHGAP9</i>	-0.006839169	0.002596496	0.419001054	1
HTN	mast_cell	<i>ARHGD1B</i>	-0.004359767	0.001494218	0.37206018	1
HTN	mast_cell	<i>ARRDC1</i>	-0.010882226	0.034004753	0.660241723	1
HTN	mast_cell	<i>ARSG</i>	-0.003449836	0.027625766	0.659132155	1
HTN	mast_cell	<i>ATG9B</i>	-0.019492038	0.02914451	0.660241723	1
HTN	mast_cell	<i>ATP1B1</i>	0.00644447	0.037566346	0.661630367	1
HTN	mast_cell	<i>ATP2A3</i>	-0.003896335	0.006699156	0.435907074	1
HTN	mast_cell	<i>ATP6V1D</i>	0.009124886	0.006179595	0.435907074	1
HTN	mast_cell	<i>ATP8A1</i>	-0.00365165	0.000234189	0.212721515	1
HTN	mast_cell	<i>ATXN2</i>	0.001653062	0.023150205	0.650468393	1
HTN	mast_cell	<i>ATXN3</i>	0.002143091	0.022027765	0.646523757	1
HTN	mast_cell	<i>BACE2</i>	0.001814403	0.013005379	0.53820242	1
HTN	mast_cell	<i>BCL9</i>	0.00510365	0.020246756	0.62569398	1
HTN	mast_cell	<i>BLK</i>	-0.002274632	0.039265693	0.666239666	1
HTN	mast_cell	<i>BMP2</i>	-0.017449097	0.015069063	0.573584189	1

HTN	mast_cell	<i>BMPRI4</i>	0.001593229	0.026245034	0.652756953	1
HTN	mast_cell	<i>BNC2</i>	0.001031244	0.041708365	0.673648474	1
HTN	mast_cell	<i>BTN3A1</i>	-0.00313473	0.03767682	0.661630367	1
HTN	mast_cell	<i>BTN3A2</i>	-0.006668776	0.002574944	0.419001054	1
HTN	mast_cell	<i>C10orf105</i>	0.033961101	0.020537855	0.629406271	1
HTN	mast_cell	<i>C15orf61</i>	-0.012406447	0.03299861	0.660241723	1
HTN	mast_cell	<i>C17orf75</i>	-0.012760228	0.019712847	0.622165137	1
HTN	mast_cell	<i>C1QTNF7</i>	0.005274861	0.003147821	0.419001054	1
HTN	mast_cell	<i>C1orf112</i>	-0.005106932	0.031127684	0.660241723	1
HTN	mast_cell	<i>C2orf88</i>	0.005777691	0.014320973	0.562698558	1
HTN	mast_cell	<i>CACNA2D1</i>	0.001576203	0.032006949	0.660241723	1
HTN	mast_cell	<i>CALR</i>	-0.004619733	0.003892676	0.435071274	1
HTN	mast_cell	<i>CAPRN2</i>	-0.005062383	0.041928893	0.673648474	1
HTN	mast_cell	<i>CASP8</i>	-0.003168662	0.008174646	0.470736624	1
HTN	mast_cell	<i>CASP9</i>	-0.010741011	0.046151491	0.687482045	1
HTN	mast_cell	<i>CBL</i>	-0.003089014	0.026980961	0.65459158	1
HTN	mast_cell	<i>CCDC117</i>	0.010884893	0.01978102	0.622165137	1
HTN	mast_cell	<i>CCDC17</i>	-0.026159658	0.04885582	0.693651273	1
HTN	mast_cell	<i>CCDC88C</i>	-0.002591539	0.002750815	0.419001054	1
HTN	mast_cell	<i>CD37</i>	-0.003620544	0.014472711	0.562698558	1
HTN	mast_cell	<i>CD38</i>	-0.005060599	0.035798723	0.661630367	1
HTN	mast_cell	<i>CD3E</i>	-0.005164369	0.018449377	0.620760101	1
HTN	mast_cell	<i>CD52</i>	-0.005901437	0.002929075	0.419001054	1
HTN	mast_cell	<i>CDC25B</i>	-0.010101779	0.021888077	0.646523757	1
HTN	mast_cell	<i>CDC42SE1</i>	-0.004018008	0.014664711	0.562698558	1
HTN	mast_cell	<i>CDK19</i>	-0.002886051	0.026361745	0.652756953	1
HTN	mast_cell	<i>CEACAM21</i>	-0.00907099	0.000270179	0.212721515	1
HTN	mast_cell	<i>CGGBP1</i>	0.00425417	0.002883451	0.419001054	1
HTN	mast_cell	<i>CHRD12</i>	-0.02589718	0.017171949	0.6025671	1
HTN	mast_cell	<i>CHST11</i>	-0.000829737	0.040308407	0.667857427	1
HTN	mast_cell	<i>CHTA</i>	-0.001755812	0.040805917	0.671780057	1
HTN	mast_cell	<i>CLEC2D</i>	-0.001803312	0.007117791	0.435907074	1
HTN	mast_cell	<i>CLSTN2</i>	0.007546715	0.0001707	0.212721515	1
HTN	mast_cell	<i>CMA1</i>	0.008716076	0.005214813	0.435907074	1
HTN	mast_cell	<i>CNOT6L</i>	-0.002915499	0.008670076	0.47502863	1
HTN	mast_cell	<i>CNTLN</i>	0.002247524	0.038344377	0.664191299	1
HTN	mast_cell	<i>CNTN2</i>	-0.027018953	0.033428734	0.660241723	1
HTN	mast_cell	<i>COA7</i>	-0.01133976	0.03567595	0.661630367	1
HTN	mast_cell	<i>COL8A1</i>	0.003951786	0.028305584	0.659132155	1
HTN	mast_cell	<i>COPE</i>	-0.006277094	0.018853428	0.622165137	1
HTN	mast_cell	<i>CORO1A</i>	-0.007250394	0.006454595	0.435907074	1
HTN	mast_cell	<i>CSF1</i>	0.002851838	0.032841793	0.660241723	1
HTN	mast_cell	<i>CTCI</i>	-0.009073042	0.016854438	0.597865539	1
HTN	mast_cell	<i>CXCL13</i>	0.019442642	0.033451049	0.660241723	1
HTN	mast_cell	<i>CXCR4</i>	-0.00599779	0.026730379	0.652756953	1
HTN	mast_cell	<i>CYBA</i>	-0.00239416	0.006050045	0.435907074	1
HTN	mast_cell	<i>CYLD</i>	-0.003913962	0.023565228	0.652756953	1
HTN	mast_cell	<i>CYTH1</i>	-0.001848748	0.00695795	0.435907074	1
HTN	mast_cell	<i>DCBLD2</i>	0.004795185	0.012388261	0.524916309	1
HTN	mast_cell	<i>DDX23</i>	-0.008467613	0.023582125	0.652756953	1
HTN	mast_cell	<i>DGCR2</i>	-0.008076117	0.000343563	0.212721515	1
HTN	mast_cell	<i>DIRC3</i>	0.002263762	0.009709387	0.47502863	1

HTN	mast_cell	<i>DOCK8</i>	-0.001096722	0.005870243	0.435907074	1
HTN	mast_cell	<i>DSG2</i>	-0.006347307	0.025910111	0.652756953	1
HTN	mast_cell	<i>ECHDC2</i>	0.002571853	0.023184365	0.650468393	1
HTN	mast_cell	<i>EFCAB2</i>	0.00564432	0.008232027	0.470736624	1
HTN	mast_cell	<i>EIF4G3</i>	-0.002744497	0.018282822	0.620760101	1
HTN	mast_cell	<i>ELL</i>	-0.003712164	0.037537523	0.661630367	1
HTN	mast_cell	<i>EMG1</i>	-0.012941482	0.043007203	0.676392872	1
HTN	mast_cell	<i>EML4</i>	-0.00174208	0.005859096	0.435907074	1
HTN	mast_cell	<i>ENPP3</i>	0.003484489	0.00428333	0.435907074	1
HTN	mast_cell	<i>EPB41</i>	-0.002328901	0.003649416	0.435071274	1
HTN	mast_cell	<i>EPB41L4A</i>	0.002429714	0.008900944	0.47502863	1
HTN	mast_cell	<i>ERI2</i>	0.006895311	0.031980852	0.660241723	1
HTN	mast_cell	<i>ERP27</i>	-0.010699591	0.028286047	0.659132155	1
HTN	mast_cell	<i>ERV3-1</i>	0.005397135	0.038774641	0.666239666	1
HTN	mast_cell	<i>EVL</i>	-0.002597877	0.008385662	0.472761467	1
HTN	mast_cell	<i>EXOC6B</i>	0.00162996	0.008951597	0.47502863	1
HTN	mast_cell	<i>EXOG</i>	-0.003946205	0.036266661	0.661630367	1
HTN	mast_cell	<i>F2R</i>	-0.012733908	0.023657206	0.652756953	1
HTN	mast_cell	<i>FAM114A1</i>	0.005684794	0.006638909	0.435907074	1
HTN	mast_cell	<i>FAM118A</i>	-0.006685438	0.042246644	0.673648474	1
HTN	mast_cell	<i>FAM13A</i>	0.002670342	0.009491012	0.47502863	1
HTN	mast_cell	<i>FAM169A</i>	-0.006160791	0.033308662	0.660241723	1
HTN	mast_cell	<i>FAM180B</i>	-0.013826063	0.048769941	0.693651273	1
HTN	mast_cell	<i>FAM19A1</i>	-0.003466885	0.010007674	0.478667112	1
HTN	mast_cell	<i>FAM228A</i>	0.058426675	0.037830978	0.661630367	1
HTN	mast_cell	<i>FAM98C</i>	-0.018072103	0.022035422	0.646523757	1
HTN	mast_cell	<i>FCER1A</i>	0.005691521	0.033982415	0.660241723	1
HTN	mast_cell	<i>FCER2</i>	-0.006756372	0.046440554	0.687482045	1
HTN	mast_cell	<i>FCHSD1</i>	-0.00697999	0.045071259	0.687106745	1
HTN	mast_cell	<i>FCRL3</i>	-0.004136236	0.022561414	0.646523757	1
HTN	mast_cell	<i>FGFBP2</i>	-0.005579332	0.036858069	0.661630367	1
HTN	mast_cell	<i>FGFR1</i>	0.002280954	0.032143092	0.660241723	1
HTN	mast_cell	<i>FNBP1</i>	-0.002058847	0.004750362	0.435907074	1
HTN	mast_cell	<i>FOLR3</i>	-0.040566339	0.000518481	0.238341843	1
HTN	mast_cell	<i>FOXN2</i>	0.003246689	0.004542078	0.435907074	1
HTN	mast_cell	<i>FOXP2</i>	0.002034219	0.030157447	0.660241723	1
HTN	mast_cell	<i>FREMI</i>	0.0027537	0.008967562	0.47502863	1
HTN	mast_cell	<i>FTCDNL1</i>	0.006775135	0.045572609	0.687482045	1
HTN	mast_cell	<i>FTO</i>	0.002391949	0.013559385	0.555006079	1
HTN	mast_cell	<i>FUT11</i>	-0.007694521	0.029411272	0.660241723	1
HTN	mast_cell	<i>GALNT14</i>	0.006709857	0.043525904	0.679140469	1
HTN	mast_cell	<i>GBP5</i>	-0.005284903	0.022827395	0.646523757	1
HTN	mast_cell	<i>GFMI</i>	0.00427971	0.041820431	0.673648474	1
HTN	mast_cell	<i>GGH</i>	0.026261462	0.001101575	0.329150537	1
HTN	mast_cell	<i>GHR</i>	0.001560533	0.030441681	0.660241723	1
HTN	mast_cell	<i>GIMAP1</i>	-0.008057849	0.023713925	0.652756953	1
HTN	mast_cell	<i>GIMAP4</i>	-0.006987052	0.019890809	0.622342794	1
HTN	mast_cell	<i>GLIPR1</i>	-0.003973796	0.019440702	0.622165137	1
HTN	mast_cell	<i>GMPPB</i>	-0.015385463	0.008196284	0.470736624	1
HTN	mast_cell	<i>GNLY</i>	-0.001121233	0.032156709	0.660241723	1
HTN	mast_cell	<i>GOLIM4</i>	0.007398364	0.002207803	0.419001054	1
HTN	mast_cell	<i>GPR135</i>	0.008713945	0.039284578	0.666239666	1

HTN	mast_cell	<i>GSTM2</i>	0.007464507	0.036959698	0.661630367	1
HTN	mast_cell	<i>HCG27</i>	-0.007394602	0.035142886	0.661630367	1
HTN	mast_cell	<i>HCLS1</i>	-0.002891796	0.00407651	0.435907074	1
HTN	mast_cell	<i>HDAC2</i>	0.004958683	0.014581594	0.562698558	1
HTN	mast_cell	<i>HDHD2</i>	0.019830552	0.007489806	0.447590782	1
HTN	mast_cell	<i>HEATR6</i>	0.009229643	0.009575414	0.47502863	1
HTN	mast_cell	<i>HEXDC</i>	-0.003927026	0.036754967	0.661630367	1
HTN	mast_cell	<i>HLA-A</i>	-0.002058847	0.003259767	0.423486291	1
HTN	mast_cell	<i>HLA-B</i>	-0.001791528	0.000398684	0.212721515	1
HTN	mast_cell	<i>HLA-C</i>	-0.002457332	0.000828635	0.325973328	1
HTN	mast_cell	<i>HLA-E</i>	-0.002064971	0.02384679	0.652756953	1
HTN	mast_cell	<i>HLA-F</i>	-0.005273565	0.002443313	0.419001054	1
HTN	mast_cell	<i>HLA-G</i>	-0.016048522	0.03220714	0.660241723	1
HTN	mast_cell	<i>HMOX2</i>	-0.005525776	0.005439732	0.435907074	1
HTN	mast_cell	<i>HOOK1</i>	-0.009184723	0.032052901	0.660241723	1
HTN	mast_cell	<i>HOPX</i>	-0.017778275	0.009165859	0.47502863	1
HTN	mast_cell	<i>HPGDS</i>	0.001855382	0.016907509	0.597865539	1
HTN	mast_cell	<i>HRK</i>	-0.026946886	0.009552592	0.47502863	1
HTN	mast_cell	<i>HSDL2</i>	0.003027125	0.039450166	0.666239666	1
HTN	mast_cell	<i>ICAM2</i>	-0.005301894	0.037225073	0.661630367	1
HTN	mast_cell	<i>ICAM3</i>	-0.013146071	0.000297477	0.212721515	1
HTN	mast_cell	<i>IFITM1</i>	-0.01275301	0.032969424	0.660241723	1
HTN	mast_cell	<i>IFITM2</i>	-0.006189659	0.018854028	0.622165137	1
HTN	mast_cell	<i>IFNAR1</i>	-0.004430454	0.015884058	0.58873648	1
HTN	mast_cell	<i>IFNAR2</i>	-0.003145394	0.001912725	0.419001054	1
HTN	mast_cell	<i>IFT88</i>	0.003143938	0.020187336	0.62569398	1
HTN	mast_cell	<i>IGF2R</i>	-0.001267604	0.027687819	0.659132155	1
HTN	mast_cell	<i>IKBKE</i>	-0.019024923	0.000376889	0.212721515	1
HTN	mast_cell	<i>IKZF3</i>	-0.002587423	0.000427152	0.212721515	1
HTN	mast_cell	<i>IL27RA</i>	-0.008140331	0.002405503	0.419001054	1
HTN	mast_cell	<i>INPP4A</i>	-0.002612634	0.004533431	0.435907074	1
HTN	mast_cell	<i>INTS1</i>	-0.009298617	0.034081961	0.660241723	1
HTN	mast_cell	<i>IP6K1</i>	-0.005920474	0.03234993	0.660241723	1
HTN	mast_cell	<i>IPO5</i>	-0.004276695	0.044790049	0.684566066	1
HTN	mast_cell	<i>ISG20</i>	-0.008753489	0.000789229	0.325973328	1
HTN	mast_cell	<i>ITGA4</i>	-0.00166802	0.01240209	0.524916309	1
HTN	mast_cell	<i>ITGB2</i>	-0.003185172	0.028293235	0.659132155	1
HTN	mast_cell	<i>JKAMP</i>	0.005099307	0.03093264	0.660241723	1
HTN	mast_cell	<i>KBTD2</i>	-0.006760777	0.033274523	0.660241723	1
HTN	mast_cell	<i>KLRC4</i>	-0.015051982	0.041333081	0.673648474	1
HTN	mast_cell	<i>KLRK1</i>	-0.031517209	0.022428494	0.646523757	1
HTN	mast_cell	<i>LACC1</i>	0.011429992	0.04665851	0.687482045	1
HTN	mast_cell	<i>LAMA4</i>	0.001604995	0.004821458	0.435907074	1
HTN	mast_cell	<i>LAMTOR4</i>	-0.006159081	0.02492406	0.652756953	1
HTN	mast_cell	<i>LAPTM5</i>	-0.003774944	0.014688918	0.562698558	1
HTN	mast_cell	<i>LBH</i>	-0.002998936	0.040299753	0.667857427	1
HTN	mast_cell	<i>LDLRAP1</i>	-0.009699935	0.016772899	0.597865539	1
HTN	mast_cell	<i>LILRA2</i>	-0.012363726	0.03885411	0.666239666	1
HTN	mast_cell	<i>LINC00484</i>	-0.010115521	0.048487516	0.693651273	1
HTN	mast_cell	<i>LINC00926</i>	-0.003199791	0.022786477	0.646523757	1
HTN	mast_cell	<i>LINC00944</i>	-0.011171874	0.031480395	0.660241723	1
HTN	mast_cell	<i>LINC00969</i>	0.005031462	0.001000493	0.329150537	1

HTN	mast_cell	<i>LLGL2</i>	-0.004641549	0.024603055	0.652756953	1
HTN	mast_cell	<i>LPCAT1</i>	-0.00499025	0.04828326	0.693651273	1
HTN	mast_cell	<i>LPL</i>	0.002486055	0.018481037	0.620760101	1
HTN	mast_cell	<i>LRMP</i>	-0.002691919	0.005570892	0.435907074	1
HTN	mast_cell	<i>LRP1B</i>	0.002155743	0.005721659	0.435907074	1
HTN	mast_cell	<i>LURAPIL</i>	0.004281695	0.040132529	0.667857427	1
HTN	mast_cell	<i>LYRM4</i>	0.007066656	0.049075237	0.693651273	1
HTN	mast_cell	<i>MAEA</i>	-0.006206894	0.049330956	0.693651273	1
HTN	mast_cell	<i>MALRD1</i>	0.009466685	0.004714221	0.435907074	1
HTN	mast_cell	<i>MAP3K5</i>	-0.002474514	0.002982143	0.419001054	1
HTN	mast_cell	<i>MAP3K8</i>	-0.003496937	0.002738715	0.419001054	1
HTN	mast_cell	<i>MAP3K9</i>	-0.01182748	0.045446287	0.687482045	1
HTN	mast_cell	<i>MBNL1</i>	-0.001231543	0.013898641	0.556232828	1
HTN	mast_cell	<i>MCOLN2</i>	-0.005030229	0.038186341	0.663376676	1
HTN	mast_cell	<i>ME3</i>	0.006082329	0.025939949	0.652756953	1
HTN	mast_cell	<i>MEI1</i>	-0.010777069	0.02195925	0.646523757	1
HTN	mast_cell	<i>MIAT</i>	-0.006005568	0.036303762	0.661630367	1
HTN	mast_cell	<i>MLXIPL</i>	0.003125475	0.013715745	0.556232828	1
HTN	mast_cell	<i>MMP25</i>	-0.004793447	0.010080119	0.478667112	1
HTN	mast_cell	<i>MOB1A</i>	-0.003918109	0.022381516	0.646523757	1
HTN	mast_cell	<i>MOB3A</i>	-0.003060869	0.045464186	0.687482045	1
HTN	mast_cell	<i>MPPE1</i>	-0.006006794	0.034646498	0.660241723	1
HTN	mast_cell	<i>MRPL18</i>	-0.009388327	0.008998633	0.47502863	1
HTN	mast_cell	<i>MRPL34</i>	-0.007649517	0.039438329	0.666239666	1
HTN	mast_cell	<i>MUM1</i>	0.004514216	0.046236247	0.687482045	1
HTN	mast_cell	<i>MX2</i>	-0.001875416	0.0491508	0.693651273	1
HTN	mast_cell	<i>MYBL1</i>	-0.001813792	0.039323844	0.666239666	1
HTN	mast_cell	<i>MYL12A</i>	-0.008648218	0.000958914	0.329150537	1
HTN	mast_cell	<i>MYL4</i>	0.055490818	0.048540055	0.693651273	1
HTN	mast_cell	<i>MYO1F</i>	-0.001034091	0.006983271	0.435907074	1
HTN	mast_cell	<i>NAALAD2</i>	0.006216299	0.024099322	0.652756953	1
HTN	mast_cell	<i>NBR1</i>	-0.004779798	0.038906508	0.666239666	1
HTN	mast_cell	<i>NCKAPI</i>	0.002087642	0.044769819	0.684566066	1
HTN	mast_cell	<i>NDE1</i>	-0.002406295	0.025032517	0.652756953	1
HTN	mast_cell	<i>NDST1</i>	0.010599582	0.006963914	0.435907074	1
HTN	mast_cell	<i>NFATC3</i>	-0.002042917	0.033726919	0.660241723	1
HTN	mast_cell	<i>NFIA</i>	0.001501298	0.007044824	0.435907074	1
HTN	mast_cell	<i>NFYA</i>	0.004903381	0.026472954	0.652756953	1
HTN	mast_cell	<i>NIPAL3</i>	-0.004438189	0.010851914	0.497556279	1
HTN	mast_cell	<i>NLRP2</i>	-0.019460633	0.003466513	0.434916411	1
HTN	mast_cell	<i>NMRAL1</i>	-0.010408793	0.002903982	0.419001054	1
HTN	mast_cell	<i>NMT2</i>	0.002914859	0.049831693	0.695780836	1
HTN	mast_cell	<i>NPC1</i>	-0.004807159	0.008270975	0.470736624	1
HTN	mast_cell	<i>NPCIL1</i>	-0.033823332	0.005933595	0.435907074	1
HTN	mast_cell	<i>NPHP4</i>	0.010080086	0.026028037	0.652756953	1
HTN	mast_cell	<i>NSA2</i>	-0.00755002	0.033783415	0.660241723	1
HTN	mast_cell	<i>NUAK2</i>	-0.015145563	0.001989909	0.419001054	1
HTN	mast_cell	<i>NUDCD3</i>	-0.003367664	0.034695509	0.660241723	1
HTN	mast_cell	<i>OAF</i>	0.004349072	0.033659932	0.660241723	1
HTN	mast_cell	<i>ORAI2</i>	-0.007604312	0.003796479	0.435071274	1
HTN	mast_cell	<i>OSBPL10</i>	-0.001421817	0.031393632	0.660241723	1
HTN	mast_cell	<i>OSBPL3</i>	-0.002305353	0.047105214	0.687482045	1

HTN	mast_cell	<i>PACSI</i>	-0.002125623	0.001330729	0.345758105	1
HTN	mast_cell	<i>PAPSS1</i>	0.003239825	0.024282998	0.652756953	1
HTN	mast_cell	<i>PAQR5</i>	0.00397295	0.034423792	0.660241723	1
HTN	mast_cell	<i>PARP15</i>	-0.003487203	0.005726012	0.435907074	1
HTN	mast_cell	<i>PARP8</i>	-0.00181594	0.001083338	0.329150537	1
HTN	mast_cell	<i>PARVB</i>	0.003884264	0.034387873	0.660241723	1
HTN	mast_cell	<i>PARVG</i>	-0.005827881	0.016196448	0.590182772	1
HTN	mast_cell	<i>PASK</i>	-0.012651853	0.047010199	0.687482045	1
HTN	mast_cell	<i>PATL2</i>	-0.006175961	0.003493305	0.434916411	1
HTN	mast_cell	<i>PBX1</i>	0.001383325	0.018472091	0.620760101	1
HTN	mast_cell	<i>PCDHB15</i>	0.032610848	0.03786793	0.661630367	1
HTN	mast_cell	<i>PCGF3</i>	0.006184781	0.012115651	0.524660353	1
HTN	mast_cell	<i>PCSK7</i>	-0.002825219	0.018489842	0.620760101	1
HTN	mast_cell	<i>PDCDILG2</i>	0.011099488	0.022030337	0.646523757	1
HTN	mast_cell	<i>PEPD</i>	0.00516611	0.018990841	0.622165137	1
HTN	mast_cell	<i>PHF2</i>	0.005165645	0.047243598	0.687482045	1
HTN	mast_cell	<i>PIGB</i>	-0.006786665	0.016058241	0.58873648	1
HTN	mast_cell	<i>PLD1</i>	0.002592354	0.043851784	0.680670803	1
HTN	mast_cell	<i>PLEKHA6</i>	0.008916363	0.025483297	0.652756953	1
HTN	mast_cell	<i>PLEKHJ1</i>	0.010325694	0.005833667	0.435907074	1
HTN	mast_cell	<i>PMS2</i>	-0.012970926	0.009335679	0.47502863	1
HTN	mast_cell	<i>POLB</i>	-0.005831123	0.04926456	0.693651273	1
HTN	mast_cell	<i>PPMIK</i>	-0.004340565	0.037975103	0.661630367	1
HTN	mast_cell	<i>PPME1</i>	0.003561475	0.049584987	0.693957572	1
HTN	mast_cell	<i>PPP2R1A</i>	-0.009884967	0.037331045	0.661630367	1
HTN	mast_cell	<i>PPP5C</i>	-0.005854983	0.044256413	0.681640011	1
HTN	mast_cell	<i>PRKAR2A</i>	-0.003166834	0.00639571	0.435907074	1
HTN	mast_cell	<i>PRKD2</i>	-0.005664165	0.000329867	0.212721515	1
HTN	mast_cell	<i>PRPF4</i>	-0.007233089	0.036521332	0.661630367	1
HTN	mast_cell	<i>PRSS53</i>	-0.077010446	0.042497569	0.673648474	1
HTN	mast_cell	<i>PSD4</i>	-0.005388148	0.041389937	0.673648474	1
HTN	mast_cell	<i>PSMB9</i>	-0.003385714	0.025561614	0.652756953	1
HTN	mast_cell	<i>PSTPIP1</i>	-0.007279802	0.002342626	0.419001054	1
HTN	mast_cell	<i>PTGDR</i>	-0.003472175	0.036514421	0.661630367	1
HTN	mast_cell	<i>PTGR1</i>	0.005484945	0.036073235	0.661630367	1
HTN	mast_cell	<i>PYHIN1</i>	-0.001596351	0.019729433	0.622165137	1
HTN	mast_cell	<i>QRICH1</i>	-0.002855738	0.022255927	0.646523757	1
HTN	mast_cell	<i>QRICH2</i>	0.012816833	0.035650574	0.661630367	1
HTN	mast_cell	<i>RABGAP1L</i>	-0.001439662	0.003117386	0.419001054	1
HTN	mast_cell	<i>RAP1A</i>	-0.002266351	0.02980428	0.660241723	1
HTN	mast_cell	<i>RASA3</i>	-0.001858419	0.044120385	0.681640011	1
HTN	mast_cell	<i>RBBP9</i>	0.024666882	0.016025451	0.58873648	1
HTN	mast_cell	<i>RBL2</i>	-0.002221422	0.019463333	0.622165137	1
HTN	mast_cell	<i>RBM23</i>	-0.006969655	0.011750363	0.522995133	1
HTN	mast_cell	<i>RBM8A</i>	-0.008106	0.043010256	0.676392872	1
HTN	mast_cell	<i>RCSD1</i>	-0.002032882	0.004179859	0.435907074	1
HTN	mast_cell	<i>RGS17</i>	0.005880831	0.041884594	0.673648474	1
HTN	mast_cell	<i>RHBDF2</i>	-0.003392403	0.017483718	0.603946233	1
HTN	mast_cell	<i>RHOBTB3</i>	0.002211677	0.009032726	0.47502863	1
HTN	mast_cell	<i>RHOH</i>	-0.001663363	0.024668894	0.652756953	1
HTN	mast_cell	<i>RIC8A</i>	-0.012525202	0.029647845	0.660241723	1
HTN	mast_cell	<i>RICTOR</i>	-0.001723115	0.011814649	0.522995133	1

HTN	mast_cell	<i>RIOK1</i>	-0.006343623	0.042100433	0.673648474	1
HTN	mast_cell	<i>RMDN3</i>	-0.0071411	0.040003159	0.667857427	1
HTN	mast_cell	<i>RNASEH2B</i>	-0.002802046	0.049297125	0.693651273	1
HTN	mast_cell	<i>RNASET2</i>	-0.004966893	0.031658325	0.660241723	1
HTN	mast_cell	<i>RNF149</i>	-0.000992649	0.026238086	0.652756953	1
HTN	mast_cell	<i>RNF150</i>	0.002590333	0.037701439	0.661630367	1
HTN	mast_cell	<i>RNF213</i>	-0.001619071	0.035325044	0.661630367	1
HTN	mast_cell	<i>RNF7</i>	-0.009816846	0.046809032	0.687482045	1
HTN	mast_cell	<i>ROBO3</i>	0.005537415	0.019360113	0.622165137	1
HTN	mast_cell	<i>RPL12</i>	-0.006593354	0.000179034	0.212721515	1
HTN	mast_cell	<i>RPL28</i>	-0.004258755	0.006620055	0.435907074	1
HTN	mast_cell	<i>RPL29</i>	-0.0042485	0.027055576	0.65459158	1
HTN	mast_cell	<i>RPL41</i>	-0.008542652	0.049315791	0.693651273	1
HTN	mast_cell	<i>RPS11</i>	-0.003456258	0.006764204	0.435907074	1
HTN	mast_cell	<i>RPS18</i>	-0.002680914	0.045986202	0.687482045	1
HTN	mast_cell	<i>RPS3</i>	-0.004266838	0.012472911	0.524916309	1
HTN	mast_cell	<i>RPSA</i>	-0.005883625	0.045496692	0.687482045	1
HTN	mast_cell	<i>SAMD9</i>	-0.007149585	0.003155128	0.419001054	1
HTN	mast_cell	<i>SAP130</i>	0.006332283	0.04346165	0.679140469	1
HTN	mast_cell	<i>SCGN</i>	-0.022050475	0.032442427	0.660241723	1
HTN	mast_cell	<i>SEL1L3</i>	-0.001748991	0.013002448	0.53820242	1
HTN	mast_cell	<i>SEMA4D</i>	-0.002403828	0.006869989	0.435907074	1
HTN	mast_cell	<i>Sep-01</i>	-0.007431928	0.040139211	0.667857427	1
HTN	mast_cell	<i>SIGIRR</i>	-0.00592019	0.047190032	0.687482045	1
HTN	mast_cell	<i>SKOR1</i>	-0.026085493	0.031623273	0.660241723	1
HTN	mast_cell	<i>SLC15A2</i>	-0.00543069	0.029029805	0.660241723	1
HTN	mast_cell	<i>SLC18A2</i>	0.001592949	0.046923843	0.687482045	1
HTN	mast_cell	<i>SLC19A3</i>	0.002167382	0.035823342	0.661630367	1
HTN	mast_cell	<i>SLC1A5</i>	0.012527354	0.033463196	0.660241723	1
HTN	mast_cell	<i>SLC25A27</i>	0.005721778	0.003896222	0.435071274	1
HTN	mast_cell	<i>SLC25A44</i>	-0.015716245	0.047281647	0.687482045	1
HTN	mast_cell	<i>SLC44A2</i>	-0.005585001	0.000872753	0.325973328	1
HTN	mast_cell	<i>SLCO3A1</i>	-0.001018627	0.042709711	0.675220192	1
HTN	mast_cell	<i>SLFN12L</i>	-0.002041278	0.002260849	0.419001054	1
HTN	mast_cell	<i>SLFN13</i>	-0.012993586	0.018948961	0.622165137	1
HTN	mast_cell	<i>SMAD2</i>	-0.003788583	0.040455888	0.667857427	1
HTN	mast_cell	<i>SMCHD1</i>	-0.000752523	0.035573162	0.661630367	1
HTN	mast_cell	<i>SP100</i>	-0.002173182	0.005395499	0.435907074	1
HTN	mast_cell	<i>SP110</i>	-0.00498446	3.67E-05	0.109694939	0.219389877
HTN	mast_cell	<i>SPATA7</i>	0.00496385	0.047616036	0.690663669	1
HTN	mast_cell	<i>SPIRE1</i>	0.003048648	0.043833796	0.680670803	1
HTN	mast_cell	<i>SPOCK2</i>	-0.004011846	0.042408331	0.673648474	1
HTN	mast_cell	<i>SRGAP1</i>	0.002970415	0.016658901	0.597865539	1
HTN	mast_cell	<i>ST3GAL6</i>	0.008409457	1.58E-05	0.094309504	0.094309504
HTN	mast_cell	<i>STAT4</i>	-0.002124021	0.001930003	0.419001054	1
HTN	mast_cell	<i>STEAP1B</i>	-0.00868789	0.041956721	0.673648474	1
HTN	mast_cell	<i>STIM2</i>	-0.003410485	0.026424015	0.652756953	1
HTN	mast_cell	<i>STK17A</i>	-0.002815595	0.003931367	0.435071274	1
HTN	mast_cell	<i>SULT1B1</i>	-0.016521748	0.002137431	0.419001054	1
HTN	mast_cell	<i>SVEP1</i>	0.002860638	0.007148409	0.435907074	1
HTN	mast_cell	<i>TAF10</i>	-0.012557615	0.013058794	0.53820242	1
HTN	mast_cell	<i>TAP1</i>	-0.009291624	0.010822141	0.497556279	1

HTN	mast_cell	<i>TAPBP</i>	-0.004189609	0.010172477	0.478667112	1
HTN	mast_cell	<i>TBC1D10C</i>	-0.007453841	0.001286712	0.345758105	1
HTN	mast_cell	<i>TBC1D22A</i>	-0.001738789	0.027839223	0.659132155	1
HTN	mast_cell	<i>TBC1D4</i>	0.003278233	0.022807433	0.646523757	1
HTN	mast_cell	<i>TBC1D9B</i>	0.007824213	0.01239208	0.524916309	1
HTN	mast_cell	<i>TCF3</i>	-0.007196289	0.046227637	0.687482045	1
HTN	mast_cell	<i>TCFL5</i>	-0.013331971	0.045671221	0.687482045	1
HTN	mast_cell	<i>TEF</i>	0.010176929	0.031056171	0.660241723	1
HTN	mast_cell	<i>TEX9</i>	-0.006432707	0.03957749	0.666239666	1
HTN	mast_cell	<i>TFEB</i>	-0.004550048	0.033574538	0.660241723	1
HTN	mast_cell	<i>THAP5</i>	-0.010781623	0.037901942	0.661630367	1
HTN	mast_cell	<i>TIFA</i>	-0.019822869	0.029859389	0.660241723	1
HTN	mast_cell	<i>TIGD7</i>	0.008562176	0.034104011	0.660241723	1
HTN	mast_cell	<i>TIPIN</i>	0.010064601	0.016391814	0.593681709	1
HTN	mast_cell	<i>TLN2</i>	0.002445496	0.004573238	0.435907074	1
HTN	mast_cell	<i>TLR5</i>	0.007484402	0.011175619	0.505950731	1
HTN	mast_cell	<i>TMEM18</i>	-0.013873443	0.032473736	0.660241723	1
HTN	mast_cell	<i>TMEM2</i>	-0.003342092	0.009777196	0.47502863	1
HTN	mast_cell	<i>TMEM200A</i>	-0.010821407	0.036008456	0.661630367	1
HTN	mast_cell	<i>TMEM209</i>	-0.016567272	0.003929656	0.435071274	1
HTN	mast_cell	<i>TNFRSF12A</i>	-0.01720272	0.047920762	0.693400668	1
HTN	mast_cell	<i>TOX2</i>	0.008424152	0.006854251	0.435907074	1
HTN	mast_cell	<i>TPD52</i>	-0.002232436	0.012054573	0.524660353	1
HTN	mast_cell	<i>TRABD2A</i>	-0.006362854	0.028122476	0.659132155	1
HTN	mast_cell	<i>TRAF1</i>	-0.006098576	0.015386126	0.581946115	1
HTN	mast_cell	<i>TRDMT1</i>	-0.005511465	0.019582025	0.622165137	1
HTN	mast_cell	<i>TRIM13</i>	-0.003668503	0.02967166	0.660241723	1
HTN	mast_cell	<i>TRIM5</i>	-0.004286198	0.007936277	0.469576124	1
HTN	mast_cell	<i>TRIM7</i>	-0.020239297	0.0138558	0.556232828	1
HTN	mast_cell	<i>TRIP4</i>	-0.005857889	0.039560272	0.666239666	1
HTN	mast_cell	<i>TRIP6</i>	-0.00821086	0.022266775	0.646523757	1
HTN	mast_cell	<i>TRMT112</i>	-0.009084152	0.025899985	0.652756953	1
HTN	mast_cell	<i>TRPT1</i>	-0.013166559	0.032476025	0.660241723	1
HTN	mast_cell	<i>TSPAN4</i>	0.00768487	0.002731386	0.419001054	1
HTN	mast_cell	<i>TTC4</i>	-0.0192033	0.021908135	0.646523757	1
HTN	mast_cell	<i>TTC7B</i>	0.003306163	0.009333759	0.47502863	1
HTN	mast_cell	<i>TTPA</i>	0.01607018	0.013961667	0.556232828	1
HTN	mast_cell	<i>TULP1</i>	-0.02701209	0.009001844	0.47502863	1
HTN	mast_cell	<i>UBASH3B</i>	-0.004303317	0.021279275	0.646523757	1
HTN	mast_cell	<i>UBR2</i>	-0.001352481	0.048625271	0.693651273	1
HTN	mast_cell	<i>UBXN2B</i>	-0.006277901	0.025850992	0.652756953	1
HTN	mast_cell	<i>UGGT2</i>	0.002504108	0.028185432	0.659132155	1
HTN	mast_cell	<i>UNC45A</i>	-0.011257075	0.019227178	0.622165137	1
HTN	mast_cell	<i>USP15</i>	-0.001180246	0.037399856	0.661630367	1
HTN	mast_cell	<i>USP53</i>	0.002583923	0.011963571	0.524660353	1
HTN	mast_cell	<i>UTS2</i>	0.019569599	0.010555704	0.492819443	1
HTN	mast_cell	<i>VAV3</i>	-0.001616484	0.029832684	0.660241723	1
HTN	mast_cell	<i>VDAC2</i>	0.017669379	0.017471031	0.603946233	1
HTN	mast_cell	<i>VKORCI</i>	-0.011291637	0.042272428	0.673648474	1
HTN	mast_cell	<i>VNN2</i>	-0.002884978	0.025539052	0.652756953	1
HTN	mast_cell	<i>VNN3</i>	-0.007263852	0.026560583	0.652756953	1
HTN	mast_cell	<i>VPS28</i>	-0.007885305	0.0244883	0.652756953	1

HTN	mast_cell	<i>WDR19</i>	0.006597667	0.010157961	0.478667112	1
HTN	mast_cell	<i>WDSUB1</i>	0.005810308	0.033402989	0.660241723	1
HTN	mast_cell	<i>WIPF1</i>	-0.001440752	0.042095329	0.673648474	1
HTN	mast_cell	<i>WNT16</i>	-0.023800191	0.034801898	0.660241723	1
HTN	mast_cell	<i>WNT3</i>	-0.038913668	0.006124068	0.435907074	1
HTN	mast_cell	<i>XPO6</i>	-0.001378101	0.034393891	0.660241723	1
HTN	mast_cell	<i>XRR41</i>	-0.003646832	0.025290323	0.652756953	1
HTN	mast_cell	<i>YPEL1</i>	-0.005498477	0.049959462	0.695938795	1
HTN	mast_cell	<i>ZFHX3</i>	0.001689759	0.025824817	0.652756953	1
HTN	mast_cell	<i>ZFP90</i>	-0.006444738	0.017242131	0.6025671	1
HTN	mast_cell	<i>ZNF117</i>	0.005617102	0.011672565	0.522995133	1
HTN	mast_cell	<i>ZNF165</i>	-0.036723067	0.02031202	0.62569398	1
HTN	mast_cell	<i>ZNF215</i>	-0.015948107	0.044166175	0.681640011	1
HTN	mast_cell	<i>ZNF33A</i>	-0.004234511	0.030631224	0.660241723	1
HTN	mast_cell	<i>ZNF503-AS1</i>	-0.022649574	0.034538964	0.660241723	1
HTN	mast_cell	<i>ZNF600</i>	-0.006568307	0.031328419	0.660241723	1
HTN	mast_cell	<i>ZNF704</i>	0.001757564	0.021425334	0.646523757	1
HTN	mast_cell	<i>ZNF79</i>	0.009704296	0.049482817	0.693957572	1
HTN	mast_cell	<i>ZSCAN31</i>	0.009674636	0.040361061	0.667857427	1
HTN	mast_cell	<i>ZSWIM1</i>	-0.018339865	0.036358959	0.661630367	1
HTN	mast_cell	<i>BEND4</i>	-0.016128512	0.044579053	0.684566066	1
HTN	mast_cell	<i>POLR2J2</i>	-0.08292763	0.03381076	0.660241723	1
HTN	mast_cell	<i>KIR3DL1</i>	-0.040426877	0.015964779	0.58873648	1
HTN	mast_cell	<i>RASA4B</i>	-0.009999978	0.014139186	0.559574668	1
HTN	monocyte	<i>ABCB1</i>	-0.006229845	0.023271579	0.668610374	1
HTN	monocyte	<i>ABCB4</i>	-0.005041514	0.039011956	0.761880557	1
HTN	monocyte	<i>ABTB1</i>	-0.004767958	0.029913888	0.70380077	1
HTN	monocyte	<i>ABTB2</i>	0.00830093	0.017156677	0.616044939	1
HTN	monocyte	<i>AC067945.3</i>	-0.011935336	0.011591042	0.549563328	1
HTN	monocyte	<i>ACER3</i>	0.002074469	0.005373122	0.422497104	1
HTN	monocyte	<i>ACTR3</i>	-0.002658459	0.017858373	0.624103153	1
HTN	monocyte	<i>ADAM19</i>	-0.00236113	0.033823722	0.739875338	1
HTN	monocyte	<i>ADAM8</i>	-0.008466673	0.02690865	0.690876	1
HTN	monocyte	<i>ADH1B</i>	0.001798379	0.037440536	0.745138773	1
HTN	monocyte	<i>AGTPBP1</i>	-0.00273929	0.012114713	0.556904059	1
HTN	monocyte	<i>AH11</i>	0.001647225	0.029204925	0.700102741	1
HTN	monocyte	<i>AIG1</i>	0.005762152	0.022401176	0.667371475	1
HTN	monocyte	<i>AIP</i>	-0.013140819	0.045956685	0.774273318	1
HTN	monocyte	<i>ALS2CR12</i>	0.014327437	0.026970493	0.690876	1
HTN	monocyte	<i>ANGEL1</i>	0.00696553	0.039223264	0.763512144	1
HTN	monocyte	<i>ANKRD26</i>	0.005319034	0.029803715	0.70380077	1
HTN	monocyte	<i>ANKRD44</i>	-0.001116275	0.003142943	0.406905863	1
HTN	monocyte	<i>AOAH</i>	-0.000772201	0.038611269	0.759016254	1
HTN	monocyte	<i>AP2A1</i>	-0.006556696	0.035411177	0.739875338	1
HTN	monocyte	<i>AP2S1</i>	-0.008540179	0.04147263	0.769296052	1
HTN	monocyte	<i>APCDD1</i>	0.00694454	0.013377092	0.56240956	1
HTN	monocyte	<i>APOBEC3G</i>	-0.007773239	0.001857017	0.406905863	1
HTN	monocyte	<i>ARHGAP9</i>	-0.005443467	0.016506902	0.605185574	1
HTN	monocyte	<i>ARHGDIB</i>	-0.003903573	0.004491067	0.406905863	1
HTN	monocyte	<i>ARHGDIG</i>	0.028137817	0.020019054	0.650184044	1
HTN	monocyte	<i>ARPC2</i>	-0.002739367	0.000453284	0.339117039	1
HTN	monocyte	<i>ARRDC1</i>	-0.010148406	0.047991179	0.786328041	1

HTN	monocyte	<i>ATG14</i>	0.004996511	0.009908452	0.507796981	1
HTN	monocyte	<i>ATP1B1</i>	0.006419127	0.038816562	0.760550086	1
HTN	monocyte	<i>ATP2A3</i>	-0.004121652	0.004102938	0.406905863	1
HTN	monocyte	<i>ATP5G3</i>	-0.005315889	0.028795142	0.700102741	1
HTN	monocyte	<i>ATP6AP1L</i>	0.009580559	0.007938269	0.479599725	1
HTN	monocyte	<i>ATP6V0D2</i>	0.023056078	0.009042183	0.498831424	1
HTN	monocyte	<i>ATP8A1</i>	-0.002995933	0.002568566	0.406905863	1
HTN	monocyte	<i>ATR</i>	0.002227088	0.045776003	0.774273318	1
HTN	monocyte	<i>BABAM1</i>	-0.017239585	0.00218746	0.406905863	1
HTN	monocyte	<i>BAD</i>	0.010936875	0.00828178	0.484406006	1
HTN	monocyte	<i>BCL2L1</i>	-0.003495271	0.031045703	0.708126418	1
HTN	monocyte	<i>BECN1</i>	-0.00755079	0.002460722	0.406905863	1
HTN	monocyte	<i>BLK</i>	-0.00221552	0.044985298	0.774273318	1
HTN	monocyte	<i>BMPR1A</i>	0.001618796	0.023763216	0.669853661	1
HTN	monocyte	<i>BRAT1</i>	-0.004689104	0.025039382	0.689563797	1
HTN	monocyte	<i>BTN3A1</i>	-0.004108746	0.006598593	0.463919889	1
HTN	monocyte	<i>BTN3A2</i>	-0.006313756	0.004330574	0.406905863	1
HTN	monocyte	<i>C17orf97</i>	-0.006172581	0.042223746	0.769296052	1
HTN	monocyte	<i>C1QTNF7</i>	0.004403817	0.013722031	0.56240956	1
HTN	monocyte	<i>C2CD2</i>	0.00434219	0.025402227	0.690876	1
HTN	monocyte	<i>C2orf88</i>	0.005262464	0.025550954	0.690876	1
HTN	monocyte	<i>CACNA2D1</i>	0.001540737	0.036031387	0.739875338	1
HTN	monocyte	<i>CALR</i>	-0.003785399	0.018149935	0.626959619	1
HTN	monocyte	<i>CASP8</i>	-0.003673757	0.002186316	0.406905863	1
HTN	monocyte	<i>CAT</i>	0.004518012	0.003350247	0.406905863	1
HTN	monocyte	<i>CBL</i>	-0.002898233	0.037969536	0.751344193	1
HTN	monocyte	<i>CCDC127</i>	0.010843909	0.023515466	0.66918297	1
HTN	monocyte	<i>CCDC158</i>	0.015752993	0.040822344	0.768871418	1
HTN	monocyte	<i>CCDC88C</i>	-0.002726856	0.001650372	0.406905863	1
HTN	monocyte	<i>CCL4</i>	-0.004469337	0.007266175	0.479599725	1
HTN	monocyte	<i>CD37</i>	-0.002960664	0.045853917	0.774273318	1
HTN	monocyte	<i>CD3E</i>	-0.004611541	0.035904499	0.739875338	1
HTN	monocyte	<i>CD5</i>	-0.008948811	0.003600593	0.406905863	1
HTN	monocyte	<i>CD52</i>	-0.005534952	0.005295515	0.421946631	1
HTN	monocyte	<i>CDC42SE1</i>	-0.004137342	0.011985049	0.555214344	1
HTN	monocyte	<i>CEACAM21</i>	-0.006797519	0.006432855	0.457651702	1
HTN	monocyte	<i>CENPK</i>	-0.00707505	0.024086356	0.672617122	1
HTN	monocyte	<i>CEP104</i>	-0.004828213	0.049848226	0.797570966	1
HTN	monocyte	<i>CEP41</i>	0.015792973	0.026692318	0.690876	1
HTN	monocyte	<i>CHRD12</i>	-0.02337607	0.031479082	0.715281346	1
HTN	monocyte	<i>CHST11</i>	-0.000885663	0.028621942	0.700102741	1
HTN	monocyte	<i>CLEC2D</i>	-0.001710528	0.010855241	0.533464343	1
HTN	monocyte	<i>CLSTN2</i>	0.004015718	0.045570294	0.774273318	1
HTN	monocyte	<i>CLSTN3</i>	-0.012557058	0.030604161	0.706140805	1
HTN	monocyte	<i>CLUAP1</i>	-0.00709259	0.030461435	0.706140805	1
HTN	monocyte	<i>CNOT6L</i>	-0.002768907	0.012775688	0.56240956	1
HTN	monocyte	<i>CORO1A</i>	-0.006939346	0.00908603	0.498831424	1
HTN	monocyte	<i>CREB3L1</i>	0.014446963	0.036275682	0.739875338	1
HTN	monocyte	<i>CTCI</i>	-0.009359005	0.013758555	0.56240956	1
HTN	monocyte	<i>CTNNA1</i>	0.003612528	0.013834372	0.56240956	1
HTN	monocyte	<i>CTNNAL1</i>	0.007343318	0.045783843	0.774273318	1
HTN	monocyte	<i>CTSC</i>	-0.00237876	0.042169733	0.769296052	1

HTN	monocyte	<i>CTSW</i>	-0.004851683	0.013681799	0.56240956	1
HTN	monocyte	<i>CYBA</i>	-0.002268414	0.00929239	0.499007728	1
HTN	monocyte	<i>CYTH1</i>	-0.00192746	0.00497057	0.406905863	1
HTN	monocyte	<i>DAAM1</i>	0.002874942	0.005826947	0.436757378	1
HTN	monocyte	<i>DAD1</i>	-0.007583487	0.003701896	0.406905863	1
HTN	monocyte	<i>DENND4C</i>	0.003188469	0.002734875	0.406905863	1
HTN	monocyte	<i>DGCR2</i>	-0.005529138	0.014470183	0.570324674	1
HTN	monocyte	<i>DIRC3</i>	0.002815481	0.001284278	0.406905863	1
HTN	monocyte	<i>DMRT2</i>	0.012744271	0.044934113	0.774273318	1
HTN	monocyte	<i>DNAJB14</i>	-0.003764828	0.046076947	0.774273318	1
HTN	monocyte	<i>DOCK7</i>	0.00488486	0.007858707	0.479599725	1
HTN	monocyte	<i>DR1</i>	-0.006749872	0.004141153	0.406905863	1
HTN	monocyte	<i>DTNB</i>	-0.004015766	0.041722575	0.769296052	1
HTN	monocyte	<i>DVL3</i>	0.005459733	0.041188199	0.768871418	1
HTN	monocyte	<i>EFCAB2</i>	0.006124221	0.004132685	0.406905863	1
HTN	monocyte	<i>EIF4G3</i>	-0.002715596	0.019694007	0.646655967	1
HTN	monocyte	<i>EMID1</i>	0.008916041	0.047567146	0.785252115	1
HTN	monocyte	<i>EMP1</i>	0.002271297	0.040523782	0.768871418	1
HTN	monocyte	<i>ENO1</i>	-0.008457887	0.046831685	0.779571445	1
HTN	monocyte	<i>EPB41</i>	-0.002146705	0.007436136	0.479599725	1
HTN	monocyte	<i>EPHB6</i>	0.012273354	0.046313759	0.774273318	1
HTN	monocyte	<i>ERI2</i>	0.00906026	0.004845853	0.406905863	1
HTN	monocyte	<i>ERV3-1</i>	0.005434004	0.037531253	0.745138773	1
HTN	monocyte	<i>EVL</i>	-0.002756885	0.005218785	0.421452135	1
HTN	monocyte	<i>EXOC6B</i>	0.001723917	0.005675548	0.436757378	1
HTN	monocyte	<i>FAM114A1</i>	0.004677473	0.02534991	0.690876	1
HTN	monocyte	<i>FAM118A</i>	-0.007206687	0.028765808	0.700102741	1
HTN	monocyte	<i>FAM13A</i>	0.003097238	0.002618239	0.406905863	1
HTN	monocyte	<i>FAM153B</i>	-0.016849538	0.035867347	0.739875338	1
HTN	monocyte	<i>FAM196A</i>	0.003453631	0.041658331	0.769296052	1
HTN	monocyte	<i>FAM47E</i>	0.019636563	0.023511327	0.66918297	1
HTN	monocyte	<i>FAM72B</i>	-0.025801074	0.017318532	0.616044939	1
HTN	monocyte	<i>FAM89A</i>	0.008220215	0.047055985	0.781129345	1
HTN	monocyte	<i>FCER1A</i>	0.008550012	0.001458321	0.406905863	1
HTN	monocyte	<i>FCHO2</i>	0.002963973	0.034708266	0.739875338	1
HTN	monocyte	<i>FCRL3</i>	-0.004483162	0.013540867	0.56240956	1
HTN	monocyte	<i>FFAR4</i>	0.009590094	0.048290226	0.786328041	1
HTN	monocyte	<i>FGFR1</i>	0.002425039	0.022687756	0.667371475	1
HTN	monocyte	<i>FNBP1</i>	-0.002159153	0.003117126	0.406905863	1
HTN	monocyte	<i>FREMI</i>	0.002401611	0.022781757	0.667371475	1
HTN	monocyte	<i>GAA</i>	0.010733126	0.00798997	0.479599725	1
HTN	monocyte	<i>GAS6</i>	0.003363308	0.048175439	0.786328041	1
HTN	monocyte	<i>GBP5</i>	-0.005455027	0.018988309	0.637495124	1
HTN	monocyte	<i>GHR</i>	0.00157143	0.0292881	0.700102741	1
HTN	monocyte	<i>GLIPR1</i>	-0.003890128	0.022151496	0.667371475	1
HTN	monocyte	<i>GMIP</i>	-0.006632086	0.022418956	0.667371475	1
HTN	monocyte	<i>GNAI1</i>	0.003367789	0.013307436	0.56240956	1
HTN	monocyte	<i>GNLY</i>	-0.00115857	0.026723605	0.690876	1
HTN	monocyte	<i>GOLIM4</i>	0.007036291	0.003654938	0.406905863	1
HTN	monocyte	<i>GPHN</i>	0.001944761	0.030840842	0.706455299	1
HTN	monocyte	<i>GPR135</i>	0.0165684	8.73E-05	0.1738255	0.521476501
HTN	monocyte	<i>GPR84</i>	-0.005463903	0.014055249	0.567528171	1

HTN	monocyte	<i>GPT2</i>	0.006523996	0.018487142	0.627722515	1
HTN	monocyte	<i>GRIK2</i>	0.015073213	0.018408383	0.627722515	1
HTN	monocyte	<i>GSTM2</i>	0.012444052	0.000510718	0.339117039	1
HTN	monocyte	<i>GXYLT2</i>	0.00735953	0.009105208	0.498831424	1
HTN	monocyte	<i>H3F3A</i>	-0.005362513	0.035648787	0.739875338	1
HTN	monocyte	<i>HDHD3</i>	0.006920102	0.040367722	0.768871418	1
HTN	monocyte	<i>HERPUD1</i>	0.006617356	0.031939556	0.720267123	1
HTN	monocyte	<i>HIBCH</i>	0.002483083	0.023221803	0.668610374	1
HTN	monocyte	<i>HLA-A</i>	-0.002357502	0.000763835	0.381152599	1
HTN	monocyte	<i>HLA-B</i>	-0.001693109	0.000829147	0.381152599	1
HTN	monocyte	<i>HLA-C</i>	-0.002311264	0.001681948	0.406905863	1
HTN	monocyte	<i>HLA-E</i>	-0.002586938	0.004619296	0.406905863	1
HTN	monocyte	<i>HLA-F</i>	-0.004520347	0.009435722	0.499007728	1
HTN	monocyte	<i>HOXD9</i>	-0.013442593	0.041187818	0.768871418	1
HTN	monocyte	<i>HPGDS</i>	0.001789034	0.021319871	0.667371475	1
HTN	monocyte	<i>HPS3</i>	-0.008877965	0.005892988	0.436757378	1
HTN	monocyte	<i>HRK</i>	-0.02171535	0.03674793	0.741910903	1
HTN	monocyte	<i>ICAM2</i>	-0.006420969	0.011568018	0.549563328	1
HTN	monocyte	<i>ICAM3</i>	-0.010991682	0.002508531	0.406905863	1
HTN	monocyte	<i>IFITM1</i>	-0.013083479	0.028633876	0.700102741	1
HTN	monocyte	<i>IFITM2</i>	-0.006371674	0.015605919	0.594018927	1
HTN	monocyte	<i>IFNAR2</i>	-0.002946833	0.003621045	0.406905863	1
HTN	monocyte	<i>IFT88</i>	0.003331155	0.01450625	0.570324674	1
HTN	monocyte	<i>IGF2R</i>	-0.001248818	0.030064649	0.704573902	1
HTN	monocyte	<i>IGFLR1</i>	-0.032372112	0.01679497	0.608283289	1
HTN	monocyte	<i>IKZF3</i>	-0.002111486	0.004061873	0.406905863	1
HTN	monocyte	<i>IL27RA</i>	-0.007087394	0.008260889	0.484406006	1
HTN	monocyte	<i>IMPA1</i>	-0.009160968	0.014948335	0.583864369	1
HTN	monocyte	<i>INPP4A</i>	-0.001954871	0.033861448	0.739875338	1
HTN	monocyte	<i>ISG20</i>	-0.008426277	0.001221104	0.406905863	1
HTN	monocyte	<i>ITGA4</i>	-0.00172215	0.009941808	0.507796981	1
HTN	monocyte	<i>ITGAV</i>	0.003321968	0.016284806	0.60445964	1
HTN	monocyte	<i>ITGB2</i>	-0.003890547	0.007389019	0.479599725	1
HTN	monocyte	<i>JAKMIP3</i>	0.039809824	0.029149025	0.700102741	1
HTN	monocyte	<i>JMJD8</i>	-0.015155823	0.027237443	0.692642393	1
HTN	monocyte	<i>KANK2</i>	0.00347018	0.043050046	0.774273318	1
HTN	monocyte	<i>KANK4</i>	0.012637361	0.007545352	0.479599725	1
HTN	monocyte	<i>L3MBTL3</i>	-0.003738457	0.036108378	0.739875338	1
HTN	monocyte	<i>LAPTM5</i>	-0.004127673	0.007703369	0.479599725	1
HTN	monocyte	<i>LDLRAP1</i>	-0.008660725	0.032812009	0.731658832	1
HTN	monocyte	<i>LIG1</i>	-0.008743251	0.028223422	0.700102741	1
HTN	monocyte	<i>LILRA2</i>	-0.012937773	0.030597025	0.706140805	1
HTN	monocyte	<i>LINC00944</i>	-0.013007323	0.012251163	0.558877473	1
HTN	monocyte	<i>LINC00969</i>	0.003248246	0.035350182	0.739875338	1
HTN	monocyte	<i>LLGL2</i>	-0.006207781	0.002652279	0.406905863	1
HTN	monocyte	<i>LPL</i>	0.002333984	0.026917669	0.690876	1
HTN	monocyte	<i>LRMP</i>	-0.002763043	0.004448849	0.406905863	1
HTN	monocyte	<i>LRP1B</i>	0.002254296	0.003842184	0.406905863	1
HTN	monocyte	<i>LRPAP1</i>	-0.007793777	0.036451518	0.740932906	1
HTN	monocyte	<i>LRRC34</i>	0.010236652	0.037442942	0.745138773	1
HTN	monocyte	<i>LRRC39</i>	-0.008498593	0.030854222	0.706455299	1
HTN	monocyte	<i>MADCAM1</i>	0.008369882	0.034404129	0.739875338	1

HTN	monocyte	<i>MALRD1</i>	0.008493379	0.011103242	0.53945506	1
HTN	monocyte	<i>MAP3K5</i>	-0.002372384	0.004419679	0.406905863	1
HTN	monocyte	<i>MAP3K9</i>	-0.012027587	0.042102865	0.769296052	1
HTN	monocyte	<i>MBNL1</i>	-0.001253939	0.012632371	0.56240956	1
HTN	monocyte	<i>ME3</i>	0.008134587	0.002907931	0.406905863	1
HTN	monocyte	<i>MEI1</i>	-0.009598749	0.041232	0.768871418	1
HTN	monocyte	<i>MFSD12</i>	-0.005189773	0.044472423	0.774273318	1
HTN	monocyte	<i>MIER1</i>	-0.002018906	0.048150335	0.786328041	1
HTN	monocyte	<i>MLXIPL</i>	0.003636014	0.004176323	0.406905863	1
HTN	monocyte	<i>MRAS</i>	0.006322428	0.026020907	0.690876	1
HTN	monocyte	<i>MROH7</i>	0.023935373	0.035884643	0.739875338	1
HTN	monocyte	<i>MRPL48</i>	-0.011314707	0.027052373	0.690876	1
HTN	monocyte	<i>MUM1</i>	0.004627409	0.04129982	0.768871418	1
HTN	monocyte	<i>MX2</i>	-0.001947345	0.0410927	0.768871418	1
HTN	monocyte	<i>MYBL1</i>	-0.001952856	0.026650885	0.690876	1
HTN	monocyte	<i>MYL12A</i>	-0.008443642	0.001273692	0.406905863	1
HTN	monocyte	<i>MYO1F</i>	-0.000951603	0.013027417	0.56240956	1
HTN	monocyte	<i>NBN</i>	-0.004466791	0.021629061	0.667371475	1
HTN	monocyte	<i>NBR1</i>	-0.005330671	0.021025005	0.665274868	1
HTN	monocyte	<i>NDE1</i>	-0.002814129	0.008764438	0.49411588	1
HTN	monocyte	<i>NDST1</i>	0.00899911	0.021939379	0.667371475	1
HTN	monocyte	<i>NDUFB10</i>	-0.007660283	0.030554971	0.706140805	1
HTN	monocyte	<i>NEK11</i>	0.00600584	0.004910224	0.406905863	1
HTN	monocyte	<i>NEURL1B</i>	-0.003462969	0.034238501	0.739875338	1
HTN	monocyte	<i>NFIA</i>	0.001270817	0.022549574	0.667371475	1
HTN	monocyte	<i>NMUR1</i>	-0.009967466	0.034471539	0.739875338	1
HTN	monocyte	<i>NPC1</i>	-0.004488053	0.013692353	0.56240956	1
HTN	monocyte	<i>NPIPA5</i>	-0.029603278	0.01551693	0.594018927	1
HTN	monocyte	<i>NTNG2</i>	-0.015547968	0.007676537	0.479599725	1
HTN	monocyte	<i>NUAK2</i>	-0.012523596	0.010467722	0.525673147	1
HTN	monocyte	<i>ORAI2</i>	-0.007554001	0.004039724	0.406905863	1
HTN	monocyte	<i>ORMDL3</i>	0.010521889	0.019378983	0.646655967	1
HTN	monocyte	<i>OSBPL3</i>	-0.002315813	0.046383843	0.774273318	1
HTN	monocyte	<i>OSTF1</i>	-0.003547544	0.011811457	0.551447397	1
HTN	monocyte	<i>OXR1</i>	0.002530388	0.048426961	0.786411741	1
HTN	monocyte	<i>P2RY11</i>	-0.035210246	0.004789876	0.406905863	1
HTN	monocyte	<i>PACSI</i>	-0.00186874	0.004853973	0.406905863	1
HTN	monocyte	<i>PAQR5</i>	0.003946587	0.035616258	0.739875338	1
HTN	monocyte	<i>PARP15</i>	-0.00315356	0.012568176	0.56240956	1
HTN	monocyte	<i>PARP8</i>	-0.00179572	0.001258071	0.406905863	1
HTN	monocyte	<i>PARVB</i>	0.004060387	0.026980675	0.690876	1
HTN	monocyte	<i>PATL2</i>	-0.005515579	0.009181971	0.498831424	1
HTN	monocyte	<i>PBX1</i>	0.001355472	0.020918758	0.665274868	1
HTN	monocyte	<i>PCSK7</i>	-0.002725773	0.023096564	0.668610374	1
HTN	monocyte	<i>PDCD1LG2</i>	0.016456409	0.000687962	0.381152599	1
HTN	monocyte	<i>PEPD</i>	0.004710507	0.032446283	0.726213443	1
HTN	monocyte	<i>PEX6</i>	-0.007196685	0.022253226	0.667371475	1
HTN	monocyte	<i>PFDN1</i>	0.003582683	0.04498266	0.774273318	1
HTN	monocyte	<i>PHLDB1</i>	0.002585437	0.034795898	0.739875338	1
HTN	monocyte	<i>PIP5KL1</i>	-0.025510892	0.006181648	0.450506461	1
HTN	monocyte	<i>PLEKHA3</i>	-0.006996685	0.017533526	0.620002087	1
HTN	monocyte	<i>POC1B</i>	-0.00905894	0.000181317	0.270887777	1

HTN	monocyte	<i>POMP</i>	-0.005665708	0.041848776	0.769296052	1
HTN	monocyte	<i>PPDPF</i>	-0.010225174	0.049885553	0.797570966	1
HTN	monocyte	<i>PPP2R1A</i>	-0.012074012	0.010890671	0.533464343	1
HTN	monocyte	<i>PRH2</i>	-0.021944709	0.036164981	0.739875338	1
HTN	monocyte	<i>PRKD2</i>	-0.003157978	0.045677893	0.774273318	1
HTN	monocyte	<i>PRKG2</i>	0.003379815	0.049639955	0.797570966	1
HTN	monocyte	<i>PSD4</i>	-0.005290539	0.045799349	0.774273318	1
HTN	monocyte	<i>PSMB3</i>	-0.012981359	0.010137789	0.513418879	1
HTN	monocyte	<i>PSMB9</i>	-0.003927328	0.009626706	0.500253895	1
HTN	monocyte	<i>PSPH</i>	0.006827394	0.044280238	0.774273318	1
HTN	monocyte	<i>PSTPIP1</i>	-0.005897727	0.013769926	0.56240956	1
HTN	monocyte	<i>PTGDR</i>	-0.004057277	0.014470874	0.570324674	1
HTN	monocyte	<i>PTGER3</i>	0.002282232	0.002793575	0.406905863	1
HTN	monocyte	<i>PTGR1</i>	0.005977213	0.022197521	0.667371475	1
HTN	monocyte	<i>PTPRS</i>	0.002187284	0.045935266	0.774273318	1
HTN	monocyte	<i>PYHIN1</i>	-0.001779036	0.009403163	0.499007728	1
HTN	monocyte	<i>RABGAP1L</i>	-0.00154816	0.001497139	0.406905863	1
HTN	monocyte	<i>RAP1A</i>	-0.002217761	0.033644255	0.739875338	1
HTN	monocyte	<i>RBCK1</i>	-0.012230805	0.000318354	0.339117039	1
HTN	monocyte	<i>RBL2</i>	-0.001906927	0.045384468	0.774273318	1
HTN	monocyte	<i>RCHY1</i>	-0.003696534	0.025828103	0.690876	1
HTN	monocyte	<i>RCSD1</i>	-0.002097514	0.003169677	0.406905863	1
HTN	monocyte	<i>RDH5</i>	0.002677455	0.031841849	0.720267123	1
HTN	monocyte	<i>RGS11</i>	0.010524642	0.002456577	0.406905863	1
HTN	monocyte	<i>RGS19</i>	-0.00694214	0.040189239	0.768871418	1
HTN	monocyte	<i>RGS9</i>	-0.008847892	0.03327892	0.736573439	1
HTN	monocyte	<i>RHBDF2</i>	-0.003449252	0.015837444	0.596855187	1
HTN	monocyte	<i>RNASEH2B</i>	-0.003304077	0.020429899	0.656392875	1
HTN	monocyte	<i>RNF166</i>	-0.006997804	0.018421072	0.627722515	1
HTN	monocyte	<i>RNF213</i>	-0.001852216	0.016186284	0.60445964	1
HTN	monocyte	<i>RNF217</i>	0.005067934	0.014182908	0.568839307	1
HTN	monocyte	<i>RPGRIP1</i>	-0.013425573	0.045588181	0.774273318	1
HTN	monocyte	<i>RPL12</i>	-0.005304972	0.002601199	0.406905863	1
HTN	monocyte	<i>RPS11</i>	-0.002962321	0.020234709	0.653635797	1
HTN	monocyte	<i>RPS13</i>	-0.006737901	0.04798178	0.786328041	1
HTN	monocyte	<i>RPS18</i>	-0.002750163	0.040522635	0.768871418	1
HTN	monocyte	<i>RPS3</i>	-0.004133362	0.015565613	0.594018927	1
HTN	monocyte	<i>RPS8</i>	-0.004513572	0.01969148	0.646655967	1
HTN	monocyte	<i>RPSA</i>	-0.006641497	0.024005463	0.672617122	1
HTN	monocyte	<i>RRAGA</i>	-0.011894388	0.037177327	0.745138773	1
HTN	monocyte	<i>RTN2</i>	-0.022533259	0.002655145	0.406905863	1
HTN	monocyte	<i>SI00A10</i>	0.002132244	0.024318	0.674964479	1
HTN	monocyte	<i>SAMD9</i>	-0.007287623	0.002625167	0.406905863	1
HTN	monocyte	<i>SDHA</i>	0.00378224	0.027746272	0.697846033	1
HTN	monocyte	<i>SEL1L3</i>	-0.0015542	0.027754413	0.697846033	1
HTN	monocyte	<i>SEMA4D</i>	-0.002310001	0.009545782	0.500253895	1
HTN	monocyte	<i>Sep-01</i>	-0.007248455	0.045480814	0.774273318	1
HTN	monocyte	<i>SFII</i>	-0.004547641	0.005716169	0.436757378	1
HTN	monocyte	<i>SGPP2</i>	-0.014599268	0.018039348	0.62676247	1
HTN	monocyte	<i>SIRPB1</i>	-0.014130109	0.043095874	0.774273318	1
HTN	monocyte	<i>SLC18A2</i>	0.001829547	0.022415807	0.667371475	1
HTN	monocyte	<i>SLC19A3</i>	0.002173521	0.035383246	0.739875338	1

HTN	monocyte	<i>SLC20A1</i>	-0.004183714	0.049609483	0.797570966		1
HTN	monocyte	<i>SLC20A2</i>	0.002968083	0.019813858	0.647036166		1
HTN	monocyte	<i>SLC25A16</i>	0.005139203	0.033142109	0.736272284		1
HTN	monocyte	<i>SLC26A8</i>	0.022865311	0.026130127	0.690876		1
HTN	monocyte	<i>SLC44A2</i>	-0.00540494	0.001281337	0.406905863		1
HTN	monocyte	<i>SLC9A1</i>	0.006924988	0.036636257	0.741910903		1
HTN	monocyte	<i>SLFN12</i>	0.009182929	0.042442613	0.770900509		1
HTN	monocyte	<i>SLFN12L</i>	-0.001705589	0.010798679	0.533464343		1
HTN	monocyte	<i>SLFN13</i>	-0.011151489	0.043944063	0.774273318		1
HTN	monocyte	<i>SMAD2</i>	-0.006451791	0.00049363	0.339117039		1
HTN	monocyte	<i>SMCHD1</i>	-0.000903018	0.01167914	0.549563328		1
HTN	monocyte	<i>SMIM19</i>	0.005779524	0.003223648	0.406905863		1
HTN	monocyte	<i>SNRNP25</i>	0.010746751	0.034221908	0.739875338		1
HTN	monocyte	<i>SP1</i>	-0.004535053	0.016674068	0.607586755		1
HTN	monocyte	<i>SP100</i>	-0.002210614	0.004722038	0.406905863		1
HTN	monocyte	<i>SP110</i>	-0.004299703	0.000371835	0.339117039		1
HTN	monocyte	<i>SPATA7</i>	0.007347983	0.0033138	0.406905863		1
HTN	monocyte	<i>SPTLC1</i>	0.007438205	0.025594285	0.690876		1
HTN	monocyte	<i>SPTY2D1</i>	-0.008621663	0.006294427	0.453198713		1
HTN	monocyte	<i>SRGAP1</i>	0.003298492	0.007837708	0.479599725		1
HTN	monocyte	<i>SRPK2</i>	-0.001058515	0.017273275	0.616044939		1
HTN	monocyte	<i>ST3GAL6</i>	0.008192601	2.49E-05	0.148813824	0.148813824	
HTN	monocyte	<i>ST8SIA1</i>	0.001232838	0.043309311	0.774273318		1
HTN	monocyte	<i>STAT4</i>	-0.002056954	0.002768413	0.406905863		1
HTN	monocyte	<i>STIM2</i>	-0.004033084	0.008623454	0.490797733		1
HTN	monocyte	<i>STK17A</i>	-0.00261985	0.007329673	0.479599725		1
HTN	monocyte	<i>STUB1</i>	-0.010475692	0.002362043	0.406905863		1
HTN	monocyte	<i>STXBP6</i>	0.002065996	0.04061751	0.768871418		1
HTN	monocyte	<i>SVEP1</i>	0.00356937	0.000808787	0.381152599		1
HTN	monocyte	<i>TADA2A</i>	-0.00341442	0.047441058	0.785252115		1
HTN	monocyte	<i>TAP1</i>	-0.010869277	0.002865464	0.406905863		1
HTN	monocyte	<i>TAPBP</i>	-0.004895084	0.00272401	0.406905863		1
HTN	monocyte	<i>TARS2</i>	-0.00945903	0.021996897	0.667371475		1
HTN	monocyte	<i>TAS2R46</i>	-0.04839362	0.019562082	0.646655967		1
HTN	monocyte	<i>TBC1D10C</i>	-0.007298966	0.00162312	0.406905863		1
HTN	monocyte	<i>TBC1D4</i>	0.002983717	0.038152671	0.752476434		1
HTN	monocyte	<i>TDP2</i>	-0.007650122	0.028336427	0.700102741		1
HTN	monocyte	<i>TEF</i>	0.00955308	0.042569807	0.770900509		1
HTN	monocyte	<i>TFCP2L1</i>	0.016112658	0.012879988	0.56240956		1
HTN	monocyte	<i>TFEB</i>	-0.004310415	0.043998131	0.774273318		1
HTN	monocyte	<i>TIPIN</i>	0.016522406	8.31E-05	0.1738255	0.496695284	
HTN	monocyte	<i>TK2</i>	0.007312841	0.026144685	0.690876		1
HTN	monocyte	<i>TLR6</i>	-0.008245603	0.00843599	0.484744963		1
HTN	monocyte	<i>TMC6</i>	-0.006890073	0.00423543	0.406905863		1
HTN	monocyte	<i>TMCC3</i>	-0.003675579	0.046017661	0.774273318		1
HTN	monocyte	<i>TMEFF2</i>	0.003620242	0.032121553	0.721648113		1
HTN	monocyte	<i>TMEM116</i>	-0.007643916	0.024396306	0.674964479		1
HTN	monocyte	<i>TMEM132C</i>	0.002049341	0.037119054	0.745138773		1
HTN	monocyte	<i>TMEM199</i>	-0.017435534	0.008349033	0.484406006		1
HTN	monocyte	<i>TMEM2</i>	-0.00304707	0.018642626	0.629425624		1
HTN	monocyte	<i>TMEM216</i>	0.025259474	0.003002423	0.406905863		1
HTN	monocyte	<i>TMEM45B</i>	-0.019825331	0.044485784	0.774273318		1

HTN	monocyte	<i>TPD52</i>	-0.002364124	0.00802543	0.479599725	1
HTN	monocyte	<i>TRAF1</i>	-0.006924505	0.005919904	0.436757378	1
HTN	monocyte	<i>TRIM5</i>	-0.004361345	0.006972548	0.479599725	1
HTN	monocyte	<i>TRMT112</i>	-0.008917137	0.028835957	0.700102741	1
HTN	monocyte	<i>TRNT1</i>	0.004331795	0.017833723	0.624103153	1
HTN	monocyte	<i>TRPC3</i>	-0.01497883	0.049744923	0.797570966	1
HTN	monocyte	<i>TULP4</i>	0.006022634	0.026341741	0.690876	1
HTN	monocyte	<i>UBASH3B</i>	-0.003943966	0.034829553	0.739875338	1
HTN	monocyte	<i>UGGT2</i>	0.00288619	0.011404997	0.549563328	1
HTN	monocyte	<i>UGP2</i>	0.002307155	0.046272993	0.774273318	1
HTN	monocyte	<i>USB1</i>	-0.014457186	0.035400374	0.739875338	1
HTN	monocyte	<i>USP15</i>	-0.001231867	0.029844283	0.70380077	1
HTN	monocyte	<i>VAMP1</i>	-0.013110635	0.027792396	0.697846033	1
HTN	monocyte	<i>VANGL2</i>	0.031983843	0.023137467	0.668610374	1
HTN	monocyte	<i>VNN2</i>	-0.002532444	0.049914917	0.797570966	1
HTN	monocyte	<i>WASF3</i>	0.004045794	0.029792378	0.70380077	1
HTN	monocyte	<i>WDPCP</i>	0.001588115	0.040210964	0.768871418	1
HTN	monocyte	<i>WHAMM</i>	-0.004403689	0.02927608	0.700102741	1
HTN	monocyte	<i>WIPF1</i>	-0.001773914	0.012394028	0.561111433	1
HTN	monocyte	<i>WIPI1</i>	-0.007078309	0.02104032	0.665274868	1
HTN	monocyte	<i>XPO6</i>	-0.001581011	0.015199136	0.58980545	1
HTN	monocyte	<i>YPEL1</i>	-0.005598375	0.045906373	0.774273318	1
HTN	monocyte	<i>YPEL3</i>	-0.004574449	0.021356146	0.667371475	1
HTN	monocyte	<i>ZC3H12C</i>	0.004401986	0.007572145	0.479599725	1
HTN	monocyte	<i>ZFAT</i>	-0.007273975	0.022558701	0.667371475	1
HTN	monocyte	<i>ZFH3</i>	0.001659312	0.028615435	0.700102741	1
HTN	monocyte	<i>ZMYND12</i>	-0.020329405	0.04066923	0.768871418	1
HTN	monocyte	<i>ZNF117</i>	0.006302576	0.004672236	0.406905863	1
HTN	monocyte	<i>ZNF507</i>	-0.004442801	0.0164267	0.605185574	1
HTN	monocyte	<i>SDC1</i>	-0.027232552	0.015880183	0.596855187	1
HTN	monocyte	<i>BIRC7</i>	0.032682873	0.02372628	0.669853661	1
HTN	monocyte	<i>IRX5</i>	0.027757847	0.041117675	0.768871418	1
HTN	monocyte	<i>SLC5A7</i>	-0.005278386	0.007179304	0.479599725	1
HTN	monocyte	<i>KIF25-AS1</i>	-0.012148892	0.0130888	0.56240956	1
HTN	neutrophil	<i>ABCB4</i>	-0.005987485	0.014240677	0.521876725	1
HTN	neutrophil	<i>ABCC5</i>	0.00314386	0.033793175	0.628925362	1
HTN	neutrophil	<i>AC067945.3</i>	-0.011778241	0.012872689	0.521876725	1
HTN	neutrophil	<i>ACE</i>	0.008615914	0.001933492	0.27510832	1
HTN	neutrophil	<i>ACER3</i>	0.001566285	0.035593512	0.634231863	1
HTN	neutrophil	<i>ACOT11</i>	0.006006304	0.0205664	0.535716076	1
HTN	neutrophil	<i>ACTR3</i>	-0.002947152	0.008648597	0.46994289	1
HTN	neutrophil	<i>ADAM19</i>	-0.003399472	0.002215544	0.306324171	1
HTN	neutrophil	<i>ADAM8</i>	-0.01163786	0.002397229	0.306324171	1
HTN	neutrophil	<i>ADH1B</i>	0.002256604	0.009002253	0.46994289	1
HTN	neutrophil	<i>AGTPBP1</i>	-0.003202556	0.00334284	0.344427838	1
HTN	neutrophil	<i>AH1</i>	0.001796267	0.017450204	0.523621383	1
HTN	neutrophil	<i>AIMP2</i>	0.011332357	0.023235517	0.562167815	1
HTN	neutrophil	<i>ALDH7A1</i>	0.006924936	0.025164484	0.571798309	1
HTN	neutrophil	<i>ALS2</i>	0.00268968	0.02763253	0.589069093	1
HTN	neutrophil	<i>ANK3</i>	-0.002032794	0.013458929	0.521876725	1
HTN	neutrophil	<i>ANKRD44</i>	-0.001142487	0.002479184	0.306324171	1
HTN	neutrophil	<i>AOAH</i>	-0.000886532	0.017585971	0.523621383	1

HTN	neutrophil	<i>AP2A1</i>	-0.007683785	0.013703249	0.521876725	1
HTN	neutrophil	<i>APBB1</i>	-0.013312905	0.028864905	0.597110486	1
HTN	neutrophil	<i>APBB1IP</i>	-0.001251416	0.004230669	0.373590096	1
HTN	neutrophil	<i>APCDD1</i>	0.006513756	0.020142125	0.535574513	1
HTN	neutrophil	<i>APOBEC3D</i>	-0.024567783	0.008683083	0.46994289	1
HTN	neutrophil	<i>AQP3</i>	-0.013130021	0.023423894	0.564440282	1
HTN	neutrophil	<i>ARHGAP9</i>	-0.005864942	0.009768512	0.470223241	1
HTN	neutrophil	<i>ARHGDIB</i>	-0.004622037	0.000757293	0.265416393	1
HTN	neutrophil	<i>ARID3B</i>	-0.009397411	0.024131584	0.567435743	1
HTN	neutrophil	<i>ARID5B</i>	-0.001703299	0.025009281	0.571798309	1
HTN	neutrophil	<i>ARPC2</i>	-0.001831073	0.019134395	0.526437597	1
HTN	neutrophil	<i>ARRDC1</i>	-0.010604206	0.03834127	0.6375005	1
HTN	neutrophil	<i>ARSG</i>	-0.003360101	0.03203456	0.617543643	1
HTN	neutrophil	<i>ATAD2</i>	-0.005839536	0.015940116	0.523621383	1
HTN	neutrophil	<i>ATF1</i>	-0.004904004	0.036979151	0.6375005	1
HTN	neutrophil	<i>ATP1B1</i>	0.007418584	0.016744949	0.523621383	1
HTN	neutrophil	<i>ATP2A3</i>	-0.00433445	0.002511694	0.306324171	1
HTN	neutrophil	<i>ATP8A1</i>	-0.003447646	0.000515257	0.256598004	1
HTN	neutrophil	<i>B3GAT2</i>	-0.013707712	0.027899362	0.589139875	1
HTN	neutrophil	<i>B4GALT1</i>	-0.003071719	0.048348422	0.682789255	1
HTN	neutrophil	<i>BACE2</i>	0.001623922	0.026204673	0.575947788	1
HTN	neutrophil	<i>BCKDHA</i>	-0.028362802	0.029979382	0.601197279	1
HTN	neutrophil	<i>BCL2L1</i>	-0.003491593	0.030741151	0.608308333	1
HTN	neutrophil	<i>BEAN1</i>	0.007735089	0.023730411	0.567251739	1
HTN	neutrophil	<i>BICD1</i>	-0.00266137	0.048814991	0.684784941	1
HTN	neutrophil	<i>BLK</i>	-0.002300059	0.036947076	0.6375005	1
HTN	neutrophil	<i>BMPRI4</i>	0.00155502	0.029876537	0.601197279	1
HTN	neutrophil	<i>BNC2</i>	0.001170781	0.02071174	0.535716076	1
HTN	neutrophil	<i>BTBD9</i>	-0.001923779	0.024781927	0.571798309	1
HTN	neutrophil	<i>BTN3A1</i>	-0.004685707	0.001890488	0.27510832	1
HTN	neutrophil	<i>BTN3A2</i>	-0.005926852	0.007413866	0.459806083	1
HTN	neutrophil	<i>C10orf107</i>	0.023350937	0.009604548	0.470223241	1
HTN	neutrophil	<i>C18orf8</i>	-0.006535068	0.012559758	0.517635248	1
HTN	neutrophil	<i>C1GALT1</i>	-0.003805962	0.025545431	0.573907885	1
HTN	neutrophil	<i>C1QTNF7</i>	0.004695184	0.00855544	0.46994289	1
HTN	neutrophil	<i>C1orf112</i>	-0.005113063	0.030939197	0.610206729	1
HTN	neutrophil	<i>C1orf21</i>	0.001377379	0.033649014	0.628395335	1
HTN	neutrophil	<i>C22orf34</i>	-0.002990152	0.048210127	0.682710228	1
HTN	neutrophil	<i>C2CD2</i>	0.004928438	0.011033013	0.488394718	1
HTN	neutrophil	<i>C2orf88</i>	0.004781337	0.042450882	0.660691639	1
HTN	neutrophil	<i>C5</i>	0.009235988	0.014862259	0.522849646	1
HTN	neutrophil	<i>C7</i>	0.008299836	0.041788435	0.658912098	1
HTN	neutrophil	<i>C8orf37</i>	-0.023768923	0.018441466	0.526437597	1
HTN	neutrophil	<i>CACNA2D1</i>	0.001656034	0.024212871	0.567435743	1
HTN	neutrophil	<i>CASP8</i>	-0.002766502	0.020963946	0.535716076	1
HTN	neutrophil	<i>CAT</i>	0.00367632	0.016961315	0.523621383	1
HTN	neutrophil	<i>CBL</i>	-0.003092317	0.026766848	0.581667939	1
HTN	neutrophil	<i>CCDC146</i>	0.00367551	0.006715724	0.459155111	1
HTN	neutrophil	<i>CCDC88C</i>	-0.002754559	0.001465653	0.265416393	1
HTN	neutrophil	<i>CCL4</i>	-0.003510953	0.034837794	0.632686888	1
HTN	neutrophil	<i>CD200R1</i>	0.003530177	0.042542653	0.660691639	1
HTN	neutrophil	<i>CD37</i>	-0.003500237	0.018066161	0.523621383	1

HTN	neutrophil	<i>CD3E</i>	-0.004769425	0.029680948	0.601197279	1
HTN	neutrophil	<i>CD52</i>	-0.006507302	0.001018828	0.265416393	1
HTN	neutrophil	<i>CDC25B</i>	-0.00882257	0.045241688	0.672548072	1
HTN	neutrophil	<i>CDC42SE1</i>	-0.003925247	0.017085249	0.523621383	1
HTN	neutrophil	<i>CDC42SE2</i>	-0.001322605	0.016306108	0.523621383	1
HTN	neutrophil	<i>CDK19</i>	-0.003045839	0.019249835	0.526437597	1
HTN	neutrophil	<i>CDO1</i>	0.008801234	0.046373088	0.674271472	1
HTN	neutrophil	<i>CEACAM21</i>	-0.007555744	0.002446787	0.306324171	1
HTN	neutrophil	<i>CELSR1</i>	-0.00670943	0.00321284	0.339969605	1
HTN	neutrophil	<i>CERS2</i>	-0.008398538	0.045963752	0.673469899	1
HTN	neutrophil	<i>CFDP1</i>	0.00236942	0.047867385	0.682710228	1
HTN	neutrophil	<i>CGGBP1</i>	0.003279856	0.021038317	0.535716076	1
HTN	neutrophil	<i>CHCHD2</i>	0.003911242	0.01771517	0.523621383	1
HTN	neutrophil	<i>CHST11</i>	-0.000956491	0.017981608	0.523621383	1
HTN	neutrophil	<i>CITED4</i>	0.024581797	0.018833882	0.526437597	1
HTN	neutrophil	<i>CLDN10</i>	-0.027453333	0.029855048	0.601197279	1
HTN	neutrophil	<i>CLEC2D</i>	-0.001699264	0.011255902	0.494126774	1
HTN	neutrophil	<i>CLNS1A</i>	0.004109545	0.036430721	0.6375005	1
HTN	neutrophil	<i>CLSTN2</i>	0.004626715	0.021323743	0.535716076	1
HTN	neutrophil	<i>CLSTN3</i>	-0.016684912	0.004140895	0.373590096	1
HTN	neutrophil	<i>CLUAP1</i>	-0.007741471	0.018718714	0.526437597	1
HTN	neutrophil	<i>CMA1</i>	0.006718772	0.031167762	0.610683755	1
HTN	neutrophil	<i>CNIH1</i>	-0.006669824	0.039041575	0.640968281	1
HTN	neutrophil	<i>CNOT6L</i>	-0.003056634	0.005979241	0.441135113	1
HTN	neutrophil	<i>CNTLN</i>	0.002484674	0.022021192	0.54343439	1
HTN	neutrophil	<i>COG4</i>	-0.005888503	0.013128154	0.521876725	1
HTN	neutrophil	<i>COL8A1</i>	0.003538538	0.049304066	0.685433616	1
HTN	neutrophil	<i>COMMD4</i>	-0.009406133	0.011642952	0.504190454	1
HTN	neutrophil	<i>COPE</i>	-0.005688896	0.033152936	0.626315699	1
HTN	neutrophil	<i>CORO1A</i>	-0.007253121	0.006371752	0.456904865	1
HTN	neutrophil	<i>CPEB1</i>	0.013988654	0.022048579	0.54343439	1
HTN	neutrophil	<i>CSF1</i>	0.002809361	0.035225987	0.632686888	1
HTN	neutrophil	<i>CTCI</i>	-0.008913373	0.018886097	0.526437597	1
HTN	neutrophil	<i>CTNNA1</i>	0.003375462	0.021425057	0.535716076	1
HTN	neutrophil	<i>CTSW</i>	-0.00468462	0.017353761	0.523621383	1
HTN	neutrophil	<i>CTTNBP2</i>	0.003858263	0.009200689	0.46994289	1
HTN	neutrophil	<i>CUL3</i>	-0.004488045	0.001604614	0.266221017	1
HTN	neutrophil	<i>CXCR4</i>	-0.005849739	0.030261297	0.602805041	1
HTN	neutrophil	<i>CYBA</i>	-0.002864718	0.00101681	0.265416393	1
HTN	neutrophil	<i>CYFIP1</i>	0.002257105	0.042411934	0.660691639	1
HTN	neutrophil	<i>CYLD</i>	-0.004153792	0.016365377	0.523621383	1
HTN	neutrophil	<i>CYP4A11</i>	0.020730028	0.038063326	0.6375005	1
HTN	neutrophil	<i>CYTH1</i>	-0.002222931	0.001179391	0.265416393	1
HTN	neutrophil	<i>DCBLD1</i>	-0.002536842	0.015597451	0.523621383	1
HTN	neutrophil	<i>DGCR2</i>	-0.007267485	0.001286739	0.265416393	1
HTN	neutrophil	<i>DHRS11</i>	-0.02149161	0.046172911	0.673469899	1
HTN	neutrophil	<i>DIAPH1</i>	-0.002608569	0.016252877	0.523621383	1
HTN	neutrophil	<i>DMTN</i>	0.01144441	0.02985784	0.601197279	1
HTN	neutrophil	<i>DNAJB14</i>	-0.003698473	0.049724646	0.686269013	1
HTN	neutrophil	<i>DOCK7</i>	0.005104126	0.005864629	0.438087796	1
HTN	neutrophil	<i>DOCK8</i>	-0.000805167	0.043276743	0.663555477	1
HTN	neutrophil	<i>DPY19L4</i>	0.010188949	0.003836839	0.367429968	1

HTN	neutrophil	<i>DYNLT1</i>	-0.003766137	0.035847216	0.634231863	1
HTN	neutrophil	<i>EDEMI</i>	-0.007088945	0.042238988	0.660691639	1
HTN	neutrophil	<i>EFCAB2</i>	0.006843001	0.001350016	0.265416393	1
HTN	neutrophil	<i>EIF4G3</i>	-0.002721215	0.019298493	0.526437597	1
HTN	neutrophil	<i>ELL</i>	-0.003710771	0.037551619	0.6375005	1
HTN	neutrophil	<i>EMB</i>	-0.002831497	0.00676132	0.459155111	1
HTN	neutrophil	<i>EMP1</i>	0.002470236	0.025773588	0.574712547	1
HTN	neutrophil	<i>ENO1</i>	-0.008533132	0.045439819	0.673348683	1
HTN	neutrophil	<i>EPB41</i>	-0.002761981	0.00056324	0.258664142	1
HTN	neutrophil	<i>EPHB6</i>	0.01418346	0.024037748	0.567435743	1
HTN	neutrophil	<i>EPN2</i>	0.002165509	0.032639513	0.623174848	1
HTN	neutrophil	<i>ERAP2</i>	-0.003566752	0.038755902	0.638031052	1
HTN	neutrophil	<i>ERCC1</i>	0.003962573	0.00870427	0.46994289	1
HTN	neutrophil	<i>ERI2</i>	0.008338618	0.009503845	0.470223241	1
HTN	neutrophil	<i>ERP27</i>	-0.011233732	0.021342288	0.535716076	1
HTN	neutrophil	<i>ERV3-1</i>	0.005564354	0.033483083	0.627256749	1
HTN	neutrophil	<i>EVL</i>	-0.002570436	0.009106065	0.46994289	1
HTN	neutrophil	<i>EXOC6B</i>	0.001400364	0.024610262	0.570042352	1
HTN	neutrophil	<i>EXOSC6</i>	-0.006912232	0.049425826	0.685433616	1
HTN	neutrophil	<i>FAIM2</i>	0.013571605	0.034838341	0.632686888	1
HTN	neutrophil	<i>FAM114A1</i>	0.004459732	0.033141235	0.626315699	1
HTN	neutrophil	<i>FAM135B</i>	-0.03536994	0.002718704	0.32493949	1
HTN	neutrophil	<i>FAM13A</i>	0.003225859	0.001718376	0.266221017	1
HTN	neutrophil	<i>FAM153B</i>	-0.016026314	0.04581339	0.673469899	1
HTN	neutrophil	<i>FAM47E-STBD1</i>	0.022919549	0.040610904	0.654438618	1
HTN	neutrophil	<i>FCHSD1</i>	-0.006858677	0.049333491	0.685433616	1
HTN	neutrophil	<i>FCRL3</i>	-0.004739482	0.008921967	0.46994289	1
HTN	neutrophil	<i>FFAR4</i>	0.01078963	0.026310868	0.575947788	1
HTN	neutrophil	<i>FGFBP2</i>	-0.005588585	0.036418984	0.6375005	1
HTN	neutrophil	<i>FMN1</i>	0.002337646	0.009185342	0.46994289	1
HTN	neutrophil	<i>FNBP1</i>	-0.001933683	0.007943581	0.46994289	1
HTN	neutrophil	<i>FREMI</i>	0.002575546	0.014584128	0.522849646	1
HTN	neutrophil	<i>FXYD5</i>	-0.006084318	0.016780727	0.523621383	1
HTN	neutrophil	<i>FYCO1</i>	-0.009309599	0.027310597	0.587876825	1
HTN	neutrophil	<i>GBP5</i>	-0.006627649	0.00431354	0.373590096	1
HTN	neutrophil	<i>GCFC2</i>	0.002589106	0.017206684	0.523621383	1
HTN	neutrophil	<i>GHR</i>	0.001686619	0.019271182	0.526437597	1
HTN	neutrophil	<i>GIMAP1</i>	-0.007842882	0.027698865	0.589069093	1
HTN	neutrophil	<i>GIMAP4</i>	-0.006117676	0.042018491	0.660691639	1
HTN	neutrophil	<i>GLRX</i>	0.00267565	0.044540001	0.668771476	1
HTN	neutrophil	<i>GMIP</i>	-0.005713083	0.049112812	0.685433616	1
HTN	neutrophil	<i>GNLY</i>	-0.001282987	0.014193457	0.521876725	1
HTN	neutrophil	<i>GOLIM4</i>	0.005994663	0.013027006	0.521876725	1
HTN	neutrophil	<i>GPN3</i>	0.007557699	0.045520895	0.673348683	1
HTN	neutrophil	<i>GPR19</i>	-0.019801528	0.04341536	0.663555477	1
HTN	neutrophil	<i>GRN</i>	0.004782182	0.036646435	0.6375005	1
HTN	neutrophil	<i>GSK3B</i>	-0.003585177	0.012457596	0.516990223	1
HTN	neutrophil	<i>GSTM2</i>	0.009401373	0.008594754	0.46994289	1
HTN	neutrophil	<i>HAGH</i>	0.003925577	0.038276713	0.6375005	1
HTN	neutrophil	<i>HLA-A</i>	-0.002275101	0.001149648	0.265416393	1
HTN	neutrophil	<i>HLA-B</i>	-0.001883787	0.000194882	0.135194939	1
HTN	neutrophil	<i>HLA-C</i>	-0.002756919	0.000175735	0.135194939	1

HTN	neutrophil	<i>HLA-E</i>	-0.002856766	0.001757261	0.266221017	1
HTN	neutrophil	<i>HLA-F</i>	-0.003796036	0.029363498	0.601197279	1
HTN	neutrophil	<i>HOXB3</i>	0.004360256	0.046205264	0.673469899	1
HTN	neutrophil	<i>HPGDS</i>	0.00243059	0.001775717	0.266221017	1
HTN	neutrophil	<i>HPS3</i>	-0.006635819	0.039957988	0.647124488	1
HTN	neutrophil	<i>HRASLS5</i>	0.007758699	0.04581639	0.673469899	1
HTN	neutrophil	<i>HRC</i>	-0.014658731	0.04520456	0.672548072	1
HTN	neutrophil	<i>ICAM3</i>	-0.010344487	0.004402029	0.375083123	1
HTN	neutrophil	<i>IFITM2</i>	-0.005757096	0.028876327	0.597110486	1
HTN	neutrophil	<i>IFNAR1</i>	-0.004793384	0.009008629	0.46994289	1
HTN	neutrophil	<i>IFNAR2</i>	-0.003321938	0.001034927	0.265416393	1
HTN	neutrophil	<i>IGF2R</i>	-0.001279682	0.026045487	0.575947788	1
HTN	neutrophil	<i>IGHMBP2</i>	0.011578662	0.010381345	0.477222464	1
HTN	neutrophil	<i>IKBKE</i>	-0.013963402	0.008987173	0.46994289	1
HTN	neutrophil	<i>IKZF3</i>	-0.002349681	0.001352713	0.265416393	1
HTN	neutrophil	<i>IL27RA</i>	-0.007036992	0.008690053	0.46994289	1
HTN	neutrophil	<i>IL32</i>	-0.006525854	0.010662834	0.482735584	1
HTN	neutrophil	<i>IMPA2</i>	0.006145935	0.022188419	0.54343439	1
HTN	neutrophil	<i>INPP4A</i>	-0.002311988	0.012002125	0.508685806	1
HTN	neutrophil	<i>INTS8</i>	-0.003784424	0.041670899	0.658912098	1
HTN	neutrophil	<i>ISG20</i>	-0.009609089	0.000214478	0.135194939	1
HTN	neutrophil	<i>ITGA4</i>	-0.001850584	0.005531214	0.429279676	1
HTN	neutrophil	<i>ITGB2</i>	-0.003913475	0.007038217	0.459806083	1
HTN	neutrophil	<i>KCNAB2</i>	-0.003725585	0.013940627	0.521876725	1
HTN	neutrophil	<i>KCNK1</i>	0.010996905	0.047264704	0.682255721	1
HTN	neutrophil	<i>KHNYN</i>	-0.007020606	0.027364595	0.587876825	1
HTN	neutrophil	<i>KIAA1211</i>	0.012262476	0.047918853	0.682710228	1
HTN	neutrophil	<i>KLHL5</i>	-0.0030906	0.035888559	0.634231863	1
HTN	neutrophil	<i>KLRC4</i>	-0.016785943	0.023092479	0.560978281	1
HTN	neutrophil	<i>KPNA4</i>	-0.00246366	0.032611061	0.623174848	1
HTN	neutrophil	<i>KREMEN1</i>	0.00357993	0.014201211	0.521876725	1
HTN	neutrophil	<i>L3MBTL3</i>	-0.0037014	0.037975047	0.6375005	1
HTN	neutrophil	<i>LAMA4</i>	0.001346587	0.018073415	0.523621383	1
HTN	neutrophil	<i>LAMTOR4</i>	-0.006326406	0.021211366	0.535716076	1
HTN	neutrophil	<i>LAPTM5</i>	-0.004140302	0.007479628	0.459806083	1
HTN	neutrophil	<i>LCLAT1</i>	-0.004193379	0.03496484	0.632686888	1
HTN	neutrophil	<i>LCP2</i>	-0.001819242	0.028139527	0.592119064	1
HTN	neutrophil	<i>LIG1</i>	-0.007913085	0.046955598	0.681084105	1
HTN	neutrophil	<i>LILRA2</i>	-0.014181699	0.017731538	0.523621383	1
HTN	neutrophil	<i>LIMA1</i>	0.001376254	0.035152309	0.632686888	1
HTN	neutrophil	<i>LINC00926</i>	-0.003087826	0.027891183	0.589139875	1
HTN	neutrophil	<i>LINC00944</i>	-0.012187389	0.018861241	0.526437597	1
HTN	neutrophil	<i>LLGL2</i>	-0.006247863	0.002483037	0.306324171	1
HTN	neutrophil	<i>LRBA</i>	-0.001164515	0.020555959	0.535716076	1
HTN	neutrophil	<i>LRMP</i>	-0.002413654	0.01291102	0.521876725	1
HTN	neutrophil	<i>LRP1B</i>	0.002014068	0.00981848	0.470223241	1
HTN	neutrophil	<i>LSM7</i>	-0.007953171	0.004237617	0.373590096	1
HTN	neutrophil	<i>LURAP1L</i>	0.004877541	0.019380233	0.526437597	1
HTN	neutrophil	<i>LY75</i>	-0.016755698	0.04721656	0.682255721	1
HTN	neutrophil	<i>LYNX1</i>	-0.021204038	0.014785221	0.522849646	1
HTN	neutrophil	<i>MAD1L1</i>	-0.005505667	0.037482867	0.6375005	1
HTN	neutrophil	<i>MALRD1</i>	0.008949164	0.007691675	0.464297497	1

HTN	neutrophil	<i>MAP1LC3A</i>	-0.006365127	0.024140493	0.567435743	1
HTN	neutrophil	<i>MAP3K5</i>	-0.002725021	0.001071483	0.265416393	1
HTN	neutrophil	<i>MAPK9</i>	-0.01103819	0.028608271	0.597110486	1
HTN	neutrophil	<i>MBNL1</i>	-0.001340507	0.007486807	0.459806083	1
HTN	neutrophil	<i>MCOLN2</i>	-0.005791904	0.016942592	0.523621383	1
HTN	neutrophil	<i>ME3</i>	0.006570867	0.015991876	0.523621383	1
HTN	neutrophil	<i>MFSD7</i>	0.008417929	0.047880541	0.682710228	1
HTN	neutrophil	<i>MGEA5</i>	-0.002616176	0.012122702	0.510177954	1
HTN	neutrophil	<i>MIAT</i>	-0.007384241	0.010370634	0.477222464	1
HTN	neutrophil	<i>MITD1</i>	-0.003348551	0.019768816	0.532155154	1
HTN	neutrophil	<i>MLLT6</i>	-0.003671563	0.004909791	0.391212135	1
HTN	neutrophil	<i>MOB3A</i>	-0.003069308	0.044763117	0.669925448	1
HTN	neutrophil	<i>MPZL3</i>	-0.005133508	0.043725246	0.665690821	1
HTN	neutrophil	<i>MRAS</i>	0.007377687	0.009378588	0.470223241	1
HTN	neutrophil	<i>MYBL1</i>	-0.002308551	0.008735312	0.46994289	1
HTN	neutrophil	<i>MYL12A</i>	-0.008876193	0.000703738	0.265416393	1
HTN	neutrophil	<i>MYO1F</i>	-0.00098914	0.009793525	0.470223241	1
HTN	neutrophil	<i>NBPF1</i>	0.008383124	0.041252866	0.658484974	1
HTN	neutrophil	<i>NBR1</i>	-0.004620862	0.046012575	0.673469899	1
HTN	neutrophil	<i>NDUFA6</i>	-0.007168887	0.031293091	0.611135653	1
HTN	neutrophil	<i>NDUFAF4</i>	0.009772514	0.00022623	0.135194939	1
HTN	neutrophil	<i>NEK11</i>	0.005219464	0.014162052	0.521876725	1
HTN	neutrophil	<i>NFATC3</i>	-0.002409942	0.012340891	0.515728435	1
HTN	neutrophil	<i>NFIA</i>	0.001644687	0.003138931	0.339969605	1
HTN	neutrophil	<i>NFIC</i>	0.003934255	0.005725447	0.438087796	1
HTN	neutrophil	<i>NIPAL3</i>	-0.004045845	0.020164703	0.535574513	1
HTN	neutrophil	<i>NLRP1</i>	-0.002107316	0.033255456	0.626315699	1
HTN	neutrophil	<i>NMUR1</i>	-0.009538778	0.043232562	0.663555477	1
HTN	neutrophil	<i>NNT</i>	0.00395884	0.039461978	0.642691166	1
HTN	neutrophil	<i>NPC1</i>	-0.006430091	0.000408465	0.221907762	1
HTN	neutrophil	<i>NTNG2</i>	-0.012899479	0.026675059	0.581667939	1
HTN	neutrophil	<i>NUAK2</i>	-0.011974381	0.014387881	0.521876725	1
HTN	neutrophil	<i>NUP153</i>	-0.005432885	0.018526048	0.526437597	1
HTN	neutrophil	<i>OAF</i>	0.004040584	0.048167071	0.682710228	1
HTN	neutrophil	<i>OR2A42</i>	0.056901102	0.033993121	0.628925362	1
HTN	neutrophil	<i>ORAI2</i>	-0.007454598	0.004552616	0.37781573	1
HTN	neutrophil	<i>OSBPL3</i>	-0.002956244	0.010878827	0.485163191	1
HTN	neutrophil	<i>OSCP1</i>	0.011049719	0.03838435	0.6375005	1
HTN	neutrophil	<i>OSGEP</i>	-0.005978046	0.019222471	0.526437597	1
HTN	neutrophil	<i>PACSI</i>	-0.001596541	0.015993051	0.523621383	1
HTN	neutrophil	<i>PACSLN3</i>	-0.024575714	0.024028095	0.567435743	1
HTN	neutrophil	<i>PAPSS1</i>	0.003549387	0.013697696	0.521876725	1
HTN	neutrophil	<i>PAQR5</i>	0.00397129	0.034542355	0.632686888	1
HTN	neutrophil	<i>PARP15</i>	-0.003380044	0.007447539	0.459806083	1
HTN	neutrophil	<i>PARP8</i>	-0.002188364	8.21E-05	0.135194939	0.490645786
HTN	neutrophil	<i>PARVB</i>	0.004712482	0.010260358	0.477222464	1
HTN	neutrophil	<i>PATL2</i>	-0.006051652	0.004166505	0.373590096	1
HTN	neutrophil	<i>PBX1</i>	0.001618728	0.00581069	0.438087796	1
HTN	neutrophil	<i>PCSK1</i>	0.012048699	0.032015644	0.617543643	1
HTN	neutrophil	<i>PCSK7</i>	-0.002751055	0.021827494	0.54343439	1
HTN	neutrophil	<i>PEPD</i>	0.005613245	0.010750026	0.483023708	1
HTN	neutrophil	<i>PHC1</i>	-0.013776152	0.039446639	0.642691166	1

HTN	neutrophil	<i>PILRB</i>	-0.005384291	0.035350303	0.632686888	1
HTN	neutrophil	<i>PLCH2</i>	-0.018156606	0.029301035	0.601197279	1
HTN	neutrophil	<i>PLD1</i>	0.002665907	0.038213518	0.6375005	1
HTN	neutrophil	<i>PLEKHO2</i>	0.017526	0.035978012	0.634231863	1
HTN	neutrophil	<i>POC1B</i>	-0.009006226	0.000199051	0.135194939	1
HTN	neutrophil	<i>POLB</i>	-0.006133546	0.038572427	0.6375005	1
HTN	neutrophil	<i>POLR2B</i>	-0.005004225	0.022378701	0.54585761	1
HTN	neutrophil	<i>POMP</i>	-0.005860857	0.035361014	0.632686888	1
HTN	neutrophil	<i>PPFIA3</i>	-0.0227834	0.025285702	0.572376334	1
HTN	neutrophil	<i>PPMIK</i>	-0.00483375	0.020627556	0.535716076	1
HTN	neutrophil	<i>PRB2</i>	-0.012731408	0.013489342	0.521876725	1
HTN	neutrophil	<i>PRKD2</i>	-0.003673088	0.019598943	0.529969596	1
HTN	neutrophil	<i>PSD2</i>	-0.085816786	0.044120374	0.668771476	1
HTN	neutrophil	<i>PSMB9</i>	-0.00391784	0.009862196	0.470223241	1
HTN	neutrophil	<i>PSTPIP1</i>	-0.005652178	0.018137488	0.523621383	1
HTN	neutrophil	<i>PTGDR</i>	-0.004470085	0.007080038	0.459806083	1
HTN	neutrophil	<i>PTGER3</i>	0.002018377	0.008190692	0.46994289	1
HTN	neutrophil	<i>PTPRS</i>	0.002593188	0.018023332	0.523621383	1
HTN	neutrophil	<i>PUS7L</i>	-0.005101008	0.013902339	0.521876725	1
HTN	neutrophil	<i>PYHIN1</i>	-0.00172073	0.011986965	0.508685806	1
HTN	neutrophil	<i>RABGAP1L</i>	-0.00181278	0.000196923	0.135194939	1
HTN	neutrophil	<i>RALGPS2</i>	-0.001002879	0.049616937	0.686269013	1
HTN	neutrophil	<i>RAP1A</i>	-0.002798201	0.007307289	0.459806083	1
HTN	neutrophil	<i>RASA3</i>	-0.002036733	0.027446057	0.587876825	1
HTN	neutrophil	<i>RASAL3</i>	-0.004620577	0.017513144	0.523621383	1
HTN	neutrophil	<i>RBM43</i>	-0.014193455	0.015798268	0.523621383	1
HTN	neutrophil	<i>RBMS2</i>	0.005863655	0.005311366	0.417641134	1
HTN	neutrophil	<i>RCAN3</i>	-0.003959759	0.033328044	0.626315699	1
HTN	neutrophil	<i>RCSD1</i>	-0.002104836	0.003021014	0.339969605	1
HTN	neutrophil	<i>RDH5</i>	0.003212142	0.009993031	0.470223241	1
HTN	neutrophil	<i>RGS19</i>	-0.008086822	0.016770122	0.523621383	1
HTN	neutrophil	<i>RHBDF2</i>	-0.003719289	0.009176352	0.46994289	1
HTN	neutrophil	<i>RHOBTB3</i>	0.002283105	0.007059188	0.459806083	1
HTN	neutrophil	<i>RHOH</i>	-0.001533242	0.038500417	0.6375005	1
HTN	neutrophil	<i>RNASET2</i>	-0.005616871	0.015108169	0.523621383	1
HTN	neutrophil	<i>RNF150</i>	0.00302368	0.015227527	0.523621383	1
HTN	neutrophil	<i>RNF157</i>	-0.006114935	0.042564639	0.660691639	1
HTN	neutrophil	<i>RNF213</i>	-0.001827884	0.017489596	0.523621383	1
HTN	neutrophil	<i>RNF34</i>	-0.004854921	0.028417289	0.595865672	1
HTN	neutrophil	<i>RPL12</i>	-0.006812534	0.000109128	0.135194939	0.652151605
HTN	neutrophil	<i>RPS11</i>	-0.003035835	0.017273565	0.523621383	1
HTN	neutrophil	<i>RPS26</i>	-0.00967304	0.04798261	0.682710228	1
HTN	neutrophil	<i>RPS3</i>	-0.004644132	0.006575271	0.456904865	1
HTN	neutrophil	<i>RPS8</i>	-0.005449215	0.004838225	0.390719363	1
HTN	neutrophil	<i>RPSA</i>	-0.006617869	0.024545405	0.570042352	1
HTN	neutrophil	<i>RTN1</i>	0.001544339	0.04071315	0.654438618	1
HTN	neutrophil	<i>SACMIL</i>	-0.00341993	0.048705417	0.684784941	1
HTN	neutrophil	<i>SAMD9</i>	-0.006475235	0.007540327	0.459806083	1
HTN	neutrophil	<i>SCGN</i>	-0.023077251	0.02488262	0.571798309	1
HTN	neutrophil	<i>SCRN2</i>	0.007476516	0.048444218	0.682789255	1
HTN	neutrophil	<i>SDK1</i>	0.001510548	0.025386427	0.572487873	1
HTN	neutrophil	<i>SEL1L3</i>	-0.00189227	0.007175628	0.459806083	1

HTN	neutrophil	<i>SEMA4D</i>	-0.002965071	0.000867301	0.265416393	1
HTN	neutrophil	<i>Sep-01</i>	-0.008060798	0.026053029	0.575947788	1
HTN	neutrophil	<i>Sep-10</i>	0.005257992	0.025069278	0.571798309	1
HTN	neutrophil	<i>SIGIRR</i>	-0.006131762	0.039921025	0.647124488	1
HTN	neutrophil	<i>SLC17A5</i>	-0.006371337	0.032806463	0.624367593	1
HTN	neutrophil	<i>SLC18A2</i>	0.001681272	0.035974584	0.634231863	1
HTN	neutrophil	<i>SLC19A3</i>	0.002039729	0.048039126	0.682710228	1
HTN	neutrophil	<i>SLC25A16</i>	0.005927016	0.013991959	0.521876725	1
HTN	neutrophil	<i>SLC26A5</i>	0.003874289	0.034666069	0.632686888	1
HTN	neutrophil	<i>SLC37A1</i>	-0.007377444	0.01353545	0.521876725	1
HTN	neutrophil	<i>SLC44A2</i>	-0.004861954	0.003753962	0.367429968	1
HTN	neutrophil	<i>SLC6A16</i>	-0.007629837	0.006533464	0.456904865	1
HTN	neutrophil	<i>SLC9A3R1</i>	-0.007369661	0.013066701	0.521876725	1
HTN	neutrophil	<i>SLFN12L</i>	-0.002565771	0.000123835	0.135194939	0.740037634
HTN	neutrophil	<i>SLFN13</i>	-0.016565386	0.002773711	0.325013623	1
HTN	neutrophil	<i>SMAD2</i>	-0.003800848	0.039469153	0.642691166	1
HTN	neutrophil	<i>SMAD5</i>	0.004590162	0.009671977	0.470223241	1
HTN	neutrophil	<i>SMCHD1</i>	-0.001055631	0.003161985	0.339969605	1
HTN	neutrophil	<i>SP100</i>	-0.002300783	0.003242682	0.339969605	1
HTN	neutrophil	<i>SP110</i>	-0.004140279	0.000605974	0.258664142	1
HTN	neutrophil	<i>SPATA22</i>	0.004352552	0.038273086	0.6375005	1
HTN	neutrophil	<i>SPIRE1</i>	0.003808977	0.011779373	0.506428279	1
HTN	neutrophil	<i>SPP1</i>	-0.008334826	0.001655989	0.266221017	1
HTN	neutrophil	<i>SRGAP1</i>	0.003754105	0.00245972	0.306324171	1
HTN	neutrophil	<i>SRGAP3</i>	0.005428379	0.014143593	0.521876725	1
HTN	neutrophil	<i>SRPK2</i>	-0.001027746	0.020802144	0.535716076	1
HTN	neutrophil	<i>ST3GAL6</i>	0.008030921	3.61E-05	0.135194939	0.216009037
HTN	neutrophil	<i>ST8SIA1</i>	0.001289324	0.03472739	0.632686888	1
HTN	neutrophil	<i>STAT4</i>	-0.002204864	0.001300053	0.265416393	1
HTN	neutrophil	<i>STIM2</i>	-0.003718857	0.015427983	0.523621383	1
HTN	neutrophil	<i>STK17A</i>	-0.003110662	0.001450717	0.265416393	1
HTN	neutrophil	<i>STK17B</i>	-0.001484039	0.041430781	0.658484974	1
HTN	neutrophil	<i>STOX1</i>	0.00943868	0.004291238	0.373590096	1
HTN	neutrophil	<i>STUB1</i>	-0.010045077	0.003695157	0.367429968	1
HTN	neutrophil	<i>STXBP2</i>	0.011527106	0.031133054	0.610683755	1
HTN	neutrophil	<i>SYCP2L</i>	0.004623106	0.037136319	0.6375005	1
HTN	neutrophil	<i>TACC3</i>	-0.008419009	0.043397309	0.663555477	1
HTN	neutrophil	<i>TAP1</i>	-0.01138355	0.001781935	0.266221017	1
HTN	neutrophil	<i>TAPBP</i>	-0.005158082	0.001562442	0.266221017	1
HTN	neutrophil	<i>TAS2R14</i>	-0.014488008	0.031995112	0.617543643	1
HTN	neutrophil	<i>TBC1D10C</i>	-0.007583723	0.001073438	0.265416393	1
HTN	neutrophil	<i>TBC1D22A</i>	-0.001717335	0.029762996	0.601197279	1
HTN	neutrophil	<i>TBC1D4</i>	0.004093248	0.004456309	0.375083123	1
HTN	neutrophil	<i>TCF3</i>	-0.007230998	0.044841061	0.669925448	1
HTN	neutrophil	<i>TEF</i>	0.010114481	0.031561682	0.614373325	1
HTN	neutrophil	<i>TES</i>	-0.006132323	0.030475873	0.605062519	1
HTN	neutrophil	<i>TFEB</i>	-0.004430785	0.038385795	0.6375005	1
HTN	neutrophil	<i>TK2</i>	0.010739334	0.001078579	0.265416393	1
HTN	neutrophil	<i>TLN2</i>	0.002068962	0.016381664	0.523621383	1
HTN	neutrophil	<i>TLR6</i>	-0.00649004	0.038391952	0.6375005	1
HTN	neutrophil	<i>TMC6</i>	-0.005111904	0.033890502	0.628925362	1
HTN	neutrophil	<i>TMEM123</i>	-0.005101378	0.016756152	0.523621383	1

HTN	neutrophil	<i>TMEM2</i>	-0.004123049	0.001445953	0.265416393	1
HTN	neutrophil	<i>TMEM220</i>	0.004357828	0.034505505	0.632686888	1
HTN	neutrophil	<i>TMEM45B</i>	-0.019485023	0.048069381	0.682710228	1
HTN	neutrophil	<i>TNK2</i>	-0.00807882	0.016723163	0.523621383	1
HTN	neutrophil	<i>TNKS2</i>	-0.003846574	0.040755598	0.654438618	1
HTN	neutrophil	<i>TPD52</i>	-0.002936725	0.000985819	0.265416393	1
HTN	neutrophil	<i>TRABD2A</i>	-0.007025979	0.015428168	0.523621383	1
HTN	neutrophil	<i>TRHDE</i>	0.002082514	0.004615219	0.37781573	1
HTN	neutrophil	<i>TRIM13</i>	-0.003853371	0.022175086	0.54343439	1
HTN	neutrophil	<i>TRIM22</i>	-0.003424761	0.021283712	0.535716076	1
HTN	neutrophil	<i>TRIM4</i>	-0.005062103	0.040847658	0.654438618	1
HTN	neutrophil	<i>TRIM5</i>	-0.00471724	0.003450851	0.349530233	1
HTN	neutrophil	<i>TRMT112</i>	-0.008306664	0.041750344	0.658912098	1
HTN	neutrophil	<i>TRMT44</i>	0.008428022	0.015167603	0.523621383	1
HTN	neutrophil	<i>TRMT61B</i>	-0.004857468	0.011327873	0.494126774	1
HTN	neutrophil	<i>TSPAN4</i>	0.00533904	0.036636023	0.6375005	1
HTN	neutrophil	<i>TTC4</i>	-0.019290703	0.021092347	0.535716076	1
HTN	neutrophil	<i>TTC7B</i>	0.002834413	0.025695873	0.574712547	1
HTN	neutrophil	<i>TTPA</i>	0.012832497	0.04943472	0.685433616	1
HTN	neutrophil	<i>TXLNB</i>	0.017368846	0.006460429	0.456904865	1
HTN	neutrophil	<i>UBASH3B</i>	-0.004153494	0.026216093	0.575947788	1
HTN	neutrophil	<i>ULK3</i>	-0.008008765	0.014873568	0.522849646	1
HTN	neutrophil	<i>USB1</i>	-0.013838183	0.041367991	0.658484974	1
HTN	neutrophil	<i>USP15</i>	-0.001139023	0.044472667	0.668771476	1
HTN	neutrophil	<i>USP40</i>	0.004540991	0.028835645	0.597110486	1
HTN	neutrophil	<i>USP49</i>	0.005280796	0.006539221	0.456904865	1
HTN	neutrophil	<i>USP53</i>	0.002652469	0.009987493	0.470223241	1
HTN	neutrophil	<i>VPS28</i>	-0.008185707	0.020099086	0.535574513	1
HTN	neutrophil	<i>VSIG10</i>	0.009045019	0.003873509	0.367429968	1
HTN	neutrophil	<i>WASF3</i>	0.004755337	0.010570466	0.482206911	1
HTN	neutrophil	<i>WDR19</i>	0.00517793	0.042946726	0.663555477	1
HTN	neutrophil	<i>WDR37</i>	-0.003433691	0.023690328	0.567251739	1
HTN	neutrophil	<i>WDR88</i>	-0.009732288	0.014409247	0.521876725	1
HTN	neutrophil	<i>WDR93</i>	0.005792725	0.044241519	0.668771476	1
HTN	neutrophil	<i>WIPF1</i>	-0.001468094	0.038284456	0.6375005	1
HTN	neutrophil	<i>WNT2B</i>	0.005591603	0.044421697	0.668771476	1
HTN	neutrophil	<i>XPO6</i>	-0.001937163	0.002894378	0.332630791	1
HTN	neutrophil	<i>XRCC2</i>	-0.019672072	0.043318464	0.663555477	1
HTN	neutrophil	<i>ZBTB49</i>	-0.008526501	0.029967987	0.601197279	1
HTN	neutrophil	<i>ZDHHC20</i>	-0.002864237	0.03023648	0.602805041	1
HTN	neutrophil	<i>ZFHX3</i>	0.002010531	0.007975206	0.46994289	1
HTN	neutrophil	<i>ZNF117</i>	0.00523461	0.018796781	0.526437597	1
HTN	neutrophil	<i>ZNF276</i>	-0.005442842	0.027438269	0.587876825	1
HTN	neutrophil	<i>ZNF33A</i>	-0.004407012	0.024496451	0.570042352	1
HTN	neutrophil	<i>ZNF79</i>	0.010243072	0.038616998	0.6375005	1
HTN	neutrophil	<i>ZNF880</i>	0.010631694	0.017857221	0.523621383	1
HTN	neutrophil	<i>ZFP57</i>	-0.006366483	0.032208299	0.618896455	1
HTN	neutrophil	<i>IRX5</i>	0.028325231	0.037578759	0.6375005	1
HTN	neutrophil	<i>KIR3DL1</i>	-0.040939413	0.014639537	0.522849646	1
HTN	neutrophil	<i>OR2AE1</i>	0.005741547	0.021008717	0.535716076	1
HTN	neutrophil	<i>CYP1A1</i>	-0.013513749	0.04377786	0.665690821	1
HTN	nk_cell	<i>ABCA7</i>	-0.005434892	0.030081177	0.561145875	1

HTN	nk_cell	<i>ABCB1</i>	-0.005492543	0.045518377	0.615563685	1
HTN	nk_cell	<i>ABTB1</i>	-0.00498326	0.023254138	0.540057331	1
HTN	nk_cell	<i>AC009495.3</i>	-0.033199948	6.56E-05	0.130752241	0.392256724
HTN	nk_cell	<i>AC147651.3</i>	-0.020351347	0.029187785	0.560855968	1
HTN	nk_cell	<i>ACER3</i>	0.002002754	0.007187597	0.380115761	1
HTN	nk_cell	<i>ACHE</i>	0.035173669	0.005996693	0.37329412	1
HTN	nk_cell	<i>ACOT11</i>	0.006955667	0.007354027	0.382759132	1
HTN	nk_cell	<i>ACOT2</i>	0.01005688	0.039936046	0.601216179	1
HTN	nk_cell	<i>ACSM5</i>	0.010822877	0.025936488	0.540057331	1
HTN	nk_cell	<i>ACTR3</i>	-0.002548799	0.023153317	0.540057331	1
HTN	nk_cell	<i>ACVR1C</i>	0.002491623	0.045354605	0.615563685	1
HTN	nk_cell	<i>ADAM19</i>	-0.003533958	0.00149335	0.293105699	1
HTN	nk_cell	<i>ADAT1</i>	-0.007926342	0.008502447	0.398164567	1
HTN	nk_cell	<i>ADH1B</i>	0.002255163	0.009091432	0.400986156	1
HTN	nk_cell	<i>ADH6</i>	0.035645163	0.005705928	0.363512533	1
HTN	nk_cell	<i>ADSS</i>	-0.006522789	0.007873436	0.395392023	1
HTN	nk_cell	<i>AEN</i>	-0.023495549	0.031393173	0.561145875	1
HTN	nk_cell	<i>AGA</i>	-0.008704124	0.017970815	0.510299895	1
HTN	nk_cell	<i>AGER</i>	-0.014027499	0.021090351	0.538615126	1
HTN	nk_cell	<i>AGFG1</i>	0.003286326	0.037409701	0.594575455	1
HTN	nk_cell	<i>AGTPBP1</i>	-0.003066331	0.004980783	0.363512533	1
HTN	nk_cell	<i>AH11</i>	0.002049679	0.00669322	0.380115761	1
HTN	nk_cell	<i>AIMP2</i>	0.011763513	0.018103008	0.510299895	1
HTN	nk_cell	<i>ALS2</i>	0.003314266	0.006635861	0.380115761	1
HTN	nk_cell	<i>ANGEL2</i>	-0.002987859	0.036870163	0.590713391	1
HTN	nk_cell	<i>ANK3</i>	-0.001875092	0.022705214	0.539515637	1
HTN	nk_cell	<i>ANKRD26</i>	0.005206544	0.033963287	0.571219636	1
HTN	nk_cell	<i>ANKRD44</i>	-0.001117077	0.003099007	0.32080829	1
HTN	nk_cell	<i>AOAH</i>	-0.00078367	0.035800487	0.58295289	1
HTN	nk_cell	<i>AP3B2</i>	-0.018985243	0.032302569	0.56943998	1
HTN	nk_cell	<i>APAF1</i>	0.003260159	0.027465359	0.554164457	1
HTN	nk_cell	<i>APOBEC3G</i>	-0.007293025	0.003526518	0.32080829	1
HTN	nk_cell	<i>AQP11</i>	0.008503547	0.019899158	0.53553167	1
HTN	nk_cell	<i>AQP3</i>	-0.011627124	0.045537221	0.615563685	1
HTN	nk_cell	<i>ARHGAP9</i>	-0.005176265	0.022664468	0.539515637	1
HTN	nk_cell	<i>ARHGD1B</i>	-0.004146419	0.002526913	0.3149199	1
HTN	nk_cell	<i>ARID5B</i>	-0.001633458	0.03162397	0.562454891	1
HTN	nk_cell	<i>ARPC2</i>	-0.001745428	0.02539816	0.540057331	1
HTN	nk_cell	<i>ARPC5</i>	-0.002872879	0.049054661	0.637284029	1
HTN	nk_cell	<i>ARRDC1</i>	-0.012752302	0.013002583	0.444223039	1
HTN	nk_cell	<i>ARSG</i>	-0.003724208	0.017508686	0.510299895	1
HTN	nk_cell	<i>ATIC</i>	-0.010726552	0.030196049	0.561145875	1
HTN	nk_cell	<i>ATP1B1</i>	0.006989483	0.024350101	0.540057331	1
HTN	nk_cell	<i>ATP2A3</i>	-0.004629286	0.001259883	0.293105699	1
HTN	nk_cell	<i>ATP8A1</i>	-0.003698401	0.000195407	0.291938326	1
HTN	nk_cell	<i>ATP9A</i>	0.005227246	0.000426472	0.293105699	1
HTN	nk_cell	<i>BACE2</i>	0.0014723	0.043621339	0.610846443	1
HTN	nk_cell	<i>BCAP29</i>	0.00670132	0.028803422	0.560732185	1
HTN	nk_cell	<i>BEAN1</i>	0.010255674	0.002698975	0.3149199	1
HTN	nk_cell	<i>BIRC3</i>	-0.002091485	0.044330417	0.610846443	1
HTN	nk_cell	<i>BLK</i>	-0.0027151	0.013890006	0.453588406	1
HTN	nk_cell	<i>BMPRI4</i>	0.001761461	0.013821971	0.453588406	1

HTN	nk_cell	<i>BNC2</i>	0.001131753	0.025470638	0.540057331	1
HTN	nk_cell	<i>BTN3A1</i>	-0.003128529	0.038233693	0.600393094	1
HTN	nk_cell	<i>BTN3A2</i>	-0.005795714	0.008849557	0.398164567	1
HTN	nk_cell	<i>C15orf61</i>	-0.013380947	0.021596834	0.539008007	1
HTN	nk_cell	<i>C17orf107</i>	0.066705042	0.030315776	0.561145875	1
HTN	nk_cell	<i>C17orf49</i>	-0.033633664	0.042567338	0.607117935	1
HTN	nk_cell	<i>C1GALT1</i>	-0.003596668	0.035196576	0.58040492	1
HTN	nk_cell	<i>C1QTNF7</i>	0.004545248	0.011061154	0.428423851	1
HTN	nk_cell	<i>C1orf112</i>	-0.005158712	0.02936622	0.561145875	1
HTN	nk_cell	<i>C20orf196</i>	-0.004693955	0.028097696	0.554164457	1
HTN	nk_cell	<i>C2CD2</i>	0.004597689	0.017912189	0.510299895	1
HTN	nk_cell	<i>C2orf88</i>	0.005254982	0.025894673	0.540057331	1
HTN	nk_cell	<i>C6</i>	0.004835266	0.025195031	0.540057331	1
HTN	nk_cell	<i>CACNA2D1</i>	0.00165087	0.024673106	0.540057331	1
HTN	nk_cell	<i>CASP8</i>	-0.003342	0.005264877	0.363512533	1
HTN	nk_cell	<i>CBL</i>	-0.003050455	0.028856234	0.560732185	1
HTN	nk_cell	<i>CBR3</i>	0.008229144	0.011847092	0.430540592	1
HTN	nk_cell	<i>CCDC82</i>	0.004852248	0.017841101	0.510299895	1
HTN	nk_cell	<i>CCDC88C</i>	-0.00260102	0.00267385	0.3149199	1
HTN	nk_cell	<i>CCL4</i>	-0.003938027	0.017934331	0.510299895	1
HTN	nk_cell	<i>CCZ1</i>	-0.009811176	0.046145997	0.615563685	1
HTN	nk_cell	<i>CD164L2</i>	-0.01012704	0.030594593	0.561145875	1
HTN	nk_cell	<i>CD37</i>	-0.004359004	0.003257515	0.32080829	1
HTN	nk_cell	<i>CD3E</i>	-0.007109508	0.001171915	0.293105699	1
HTN	nk_cell	<i>CD5</i>	-0.006956218	0.02393568	0.540057331	1
HTN	nk_cell	<i>CD52</i>	-0.005160267	0.009262454	0.400986156	1
HTN	nk_cell	<i>CDC25B</i>	-0.009685442	0.027747109	0.554164457	1
HTN	nk_cell	<i>CDC42SE1</i>	-0.004052813	0.013806662	0.453588406	1
HTN	nk_cell	<i>CDC42SE2</i>	-0.001395179	0.011252122	0.428423851	1
HTN	nk_cell	<i>CEACAM21</i>	-0.006376433	0.010511904	0.428423851	1
HTN	nk_cell	<i>CENPK</i>	-0.007133321	0.022724328	0.539515637	1
HTN	nk_cell	<i>CERS2</i>	-0.009763734	0.020043949	0.53553167	1
HTN	nk_cell	<i>CHST11</i>	-0.000945263	0.019455047	0.533318183	1
HTN	nk_cell	<i>CIB2</i>	-0.035854873	0.007990841	0.397239216	1
HTN	nk_cell	<i>CLCN2</i>	-0.014347393	0.041223992	0.601216179	1
HTN	nk_cell	<i>CLEC2D</i>	-0.001665296	0.013036521	0.444223039	1
HTN	nk_cell	<i>CLSTN2</i>	0.005830911	0.00358623	0.32080829	1
HTN	nk_cell	<i>CMA1</i>	0.006297512	0.043174791	0.610846443	1
HTN	nk_cell	<i>CNOT6L</i>	-0.002968504	0.007566632	0.383205	1
HTN	nk_cell	<i>CNRIP1</i>	0.004921116	0.013082874	0.444223039	1
HTN	nk_cell	<i>CNTLN</i>	0.002940437	0.006780323	0.380115761	1
HTN	nk_cell	<i>COL4A4</i>	-0.008535605	0.039109963	0.601216179	1
HTN	nk_cell	<i>CORO1A</i>	-0.006895391	0.00950875	0.405887768	1
HTN	nk_cell	<i>CRLF3</i>	-0.003930318	0.033470432	0.571219636	1
HTN	nk_cell	<i>CSF1</i>	0.003514615	0.008453015	0.398164567	1
HTN	nk_cell	<i>CSTB</i>	0.004575527	0.039572496	0.601216179	1
HTN	nk_cell	<i>CTCI</i>	-0.007583243	0.045819133	0.615563685	1
HTN	nk_cell	<i>CTNNA1</i>	0.003432424	0.019145668	0.529696805	1
HTN	nk_cell	<i>CTNBL1</i>	0.002242263	0.03525552	0.58040492	1
HTN	nk_cell	<i>CTTNBP2</i>	0.004096791	0.005694635	0.363512533	1
HTN	nk_cell	<i>CXCR4</i>	-0.008423703	0.00185464	0.293105699	1
HTN	nk_cell	<i>CYBA</i>	-0.00301144	0.000551858	0.293105699	1

HTN	nk_cell	<i>CYBRD1</i>	0.003740752	0.043160027	0.610846443	1
HTN	nk_cell	<i>CYLD</i>	-0.003879906	0.024821198	0.540057331	1
HTN	nk_cell	<i>CYTH1</i>	-0.00197444	0.003970043	0.341424998	1
HTN	nk_cell	<i>DCBLD2</i>	0.005496576	0.004173534	0.348297369	1
HTN	nk_cell	<i>DGCR2</i>	-0.005191207	0.021449174	0.539008007	1
HTN	nk_cell	<i>DHRS12</i>	0.008582516	0.025578146	0.540057331	1
HTN	nk_cell	<i>DIAPH1</i>	-0.003123169	0.003999289	0.341424998	1
HTN	nk_cell	<i>DOCK6</i>	0.004978417	0.020196131	0.53553167	1
HTN	nk_cell	<i>DOK3</i>	-0.005652108	0.044363236	0.610846443	1
HTN	nk_cell	<i>DPY19L4</i>	0.007166922	0.04155529	0.601293974	1
HTN	nk_cell	<i>DR1</i>	-0.006574293	0.005269477	0.363512533	1
HTN	nk_cell	<i>DTNB</i>	-0.004702182	0.016945502	0.510299895	1
HTN	nk_cell	<i>ECHDC2</i>	0.002321453	0.04008228	0.601216179	1
HTN	nk_cell	<i>EFCAB2</i>	0.007526292	0.000434504	0.293105699	1
HTN	nk_cell	<i>EGFR</i>	0.001765704	0.046922388	0.621294341	1
HTN	nk_cell	<i>EIF2AK4</i>	0.004539043	0.011959461	0.430540592	1
HTN	nk_cell	<i>EIF4G3</i>	-0.002391373	0.039918888	0.601216179	1
HTN	nk_cell	<i>ELL</i>	-0.003848343	0.031080293	0.561145875	1
HTN	nk_cell	<i>ELP3</i>	-0.002772032	0.048386707	0.632732955	1
HTN	nk_cell	<i>EMB</i>	-0.002318387	0.026630513	0.55258315	1
HTN	nk_cell	<i>EMILIN2</i>	0.002103535	0.031044625	0.561145875	1
HTN	nk_cell	<i>EML4</i>	-0.001393554	0.027931401	0.554164457	1
HTN	nk_cell	<i>EMP1</i>	0.00270661	0.014642765	0.462044248	1
HTN	nk_cell	<i>ENO1</i>	-0.008672186	0.041318661	0.601216179	1
HTN	nk_cell	<i>EPB41</i>	-0.002318408	0.003823936	0.33605648	1
HTN	nk_cell	<i>ERAP2</i>	-0.004803419	0.005335121	0.363512533	1
HTN	nk_cell	<i>ERI2</i>	0.007983855	0.013019324	0.444223039	1
HTN	nk_cell	<i>ERMAP</i>	0.009396393	0.031105158	0.561145875	1
HTN	nk_cell	<i>ERP27</i>	-0.011162277	0.022068777	0.539515637	1
HTN	nk_cell	<i>ETV4</i>	-0.009066105	0.015454241	0.47852094	1
HTN	nk_cell	<i>EVL</i>	-0.003212096	0.001110601	0.293105699	1
HTN	nk_cell	<i>EXOC6B</i>	0.001914537	0.002112857	0.3149199	1
HTN	nk_cell	<i>FAM114A1</i>	0.004299262	0.040236669	0.601216179	1
HTN	nk_cell	<i>FAM13A</i>	0.00277225	0.007070524	0.380115761	1
HTN	nk_cell	<i>FAM153B</i>	-0.016356364	0.041015026	0.601216179	1
HTN	nk_cell	<i>FAM160A2</i>	-0.007357082	0.020521545	0.53553167	1
HTN	nk_cell	<i>FAM19A1</i>	-0.003665212	0.006597464	0.380115761	1
HTN	nk_cell	<i>FAM43B</i>	0.041273113	0.043410123	0.610846443	1
HTN	nk_cell	<i>FANCG</i>	0.020895643	0.032563222	0.569560153	1
HTN	nk_cell	<i>FCER1A</i>	0.005389976	0.044147197	0.610846443	1
HTN	nk_cell	<i>FCER2</i>	-0.007629015	0.0244759	0.540057331	1
HTN	nk_cell	<i>FCHO2</i>	0.003104207	0.026947694	0.554164457	1
HTN	nk_cell	<i>FCRL3</i>	-0.004552488	0.012042292	0.430926564	1
HTN	nk_cell	<i>FGFR1</i>	0.002394967	0.024448609	0.540057331	1
HTN	nk_cell	<i>FIBP</i>	-0.011168043	0.017996177	0.510299895	1
HTN	nk_cell	<i>FLG</i>	-0.022100602	0.012239739	0.435385006	1
HTN	nk_cell	<i>FLT3</i>	0.00530269	0.004888301	0.363512533	1
HTN	nk_cell	<i>FNBP1</i>	-0.002189736	0.002659382	0.3149199	1
HTN	nk_cell	<i>FPR3</i>	0.002862571	0.041831679	0.603787928	1
HTN	nk_cell	<i>FREMI</i>	0.002939858	0.005288329	0.363512533	1
HTN	nk_cell	<i>FXYS5</i>	-0.005067178	0.047310115	0.622742834	1
HTN	nk_cell	<i>GABRR2</i>	-0.014619721	0.048136467	0.630841072	1

HTN	nk_cell	<i>GALNT3</i>	-0.00627215	0.042831707	0.609434007	1
HTN	nk_cell	<i>GATAD1</i>	0.003703994	0.041929717	0.603787928	1
HTN	nk_cell	<i>GATAD2A</i>	-0.003594498	0.023515284	0.540057331	1
HTN	nk_cell	<i>GBP5</i>	-0.004911423	0.034410821	0.571219636	1
HTN	nk_cell	<i>GBP7</i>	0.063675978	0.000933031	0.293105699	1
HTN	nk_cell	<i>GCC2</i>	-0.002967345	0.003563734	0.32080829	1
HTN	nk_cell	<i>GGA1</i>	-0.010987152	0.006916656	0.380115761	1
HTN	nk_cell	<i>GHR</i>	0.001609403	0.025598333	0.540057331	1
HTN	nk_cell	<i>GIGYF1</i>	0.008012813	0.043774776	0.610846443	1
HTN	nk_cell	<i>GLIPR1</i>	-0.003728581	0.028358497	0.557468358	1
HTN	nk_cell	<i>GLRX</i>	0.002706291	0.042175934	0.604420576	1
HTN	nk_cell	<i>GNAI1</i>	0.00356504	0.008861427	0.398164567	1
HTN	nk_cell	<i>GNLY</i>	-0.001209518	0.020824642	0.536414054	1
HTN	nk_cell	<i>GNPTG</i>	-0.01028167	0.01338847	0.446541059	1
HTN	nk_cell	<i>GOLIM4</i>	0.00548943	0.023500675	0.540057331	1
HTN	nk_cell	<i>GORASP1</i>	0.018865513	0.012780544	0.444049614	1
HTN	nk_cell	<i>GPN3</i>	0.009201546	0.014624628	0.462044248	1
HTN	nk_cell	<i>GPR160</i>	-0.007639617	0.039547016	0.601216179	1
HTN	nk_cell	<i>GPR84</i>	-0.004701511	0.033844392	0.571219636	1
HTN	nk_cell	<i>GPSM1</i>	0.020209976	0.049045529	0.637284029	1
HTN	nk_cell	<i>GPX7</i>	-0.009918595	0.007074746	0.380115761	1
HTN	nk_cell	<i>GRID2IP</i>	-0.013590646	0.035638328	0.58295289	1
HTN	nk_cell	<i>GRWD1</i>	-0.014032513	0.032824926	0.570237666	1
HTN	nk_cell	<i>GSTM2</i>	0.008073586	0.024055992	0.540057331	1
HTN	nk_cell	<i>GXYLT2</i>	0.006084182	0.031092411	0.561145875	1
HTN	nk_cell	<i>H3F3A</i>	-0.006455692	0.011372743	0.428423851	1
HTN	nk_cell	<i>HCG27</i>	-0.007052076	0.044707603	0.610846443	1
HTN	nk_cell	<i>HCLS1</i>	-0.002189548	0.02954803	0.561145875	1
HTN	nk_cell	<i>HDHD3</i>	0.007253473	0.031372661	0.561145875	1
HTN	nk_cell	<i>HIBCH</i>	0.002341652	0.03240849	0.569560153	1
HTN	nk_cell	<i>HLA-A</i>	-0.002242032	0.001357936	0.293105699	1
HTN	nk_cell	<i>HLA-B</i>	-0.00203381	5.84E-05	0.130752241	0.349120531
HTN	nk_cell	<i>HLA-C</i>	-0.002225606	0.002478919	0.3149199	1
HTN	nk_cell	<i>HLA-E</i>	-0.002754475	0.002565404	0.3149199	1
HTN	nk_cell	<i>HLA-F</i>	-0.003919265	0.0249445	0.540057331	1
HTN	nk_cell	<i>HMGN2</i>	0.008101021	0.017695979	0.510299895	1
HTN	nk_cell	<i>HOOK1</i>	-0.01110866	0.010031516	0.422171412	1
HTN	nk_cell	<i>HORMAD1</i>	-0.014034391	0.011790654	0.430540592	1
HTN	nk_cell	<i>HOXB3</i>	0.004559585	0.036830879	0.590713391	1
HTN	nk_cell	<i>HPGDS</i>	0.002448616	0.00163433	0.293105699	1
HTN	nk_cell	<i>HPS3</i>	-0.008942943	0.005776798	0.363512533	1
HTN	nk_cell	<i>HRASLS5</i>	0.008879428	0.022216905	0.539515637	1
HTN	nk_cell	<i>HRNR</i>	0.038535457	0.011757695	0.430540592	1
HTN	nk_cell	<i>ICAM2</i>	-0.005115129	0.044287539	0.610846443	1
HTN	nk_cell	<i>ICAM3</i>	-0.012265902	0.000738508	0.293105699	1
HTN	nk_cell	<i>IFIT5</i>	-0.016668221	0.023938844	0.540057331	1
HTN	nk_cell	<i>IFITM2</i>	-0.00617012	0.019244506	0.529977745	1
HTN	nk_cell	<i>IFNAR1</i>	-0.004683373	0.010727435	0.428423851	1
HTN	nk_cell	<i>IFNAR2</i>	-0.003202288	0.001571646	0.293105699	1
HTN	nk_cell	<i>IKBKE</i>	-0.015328737	0.004333348	0.349974396	1
HTN	nk_cell	<i>IKZF3</i>	-0.002219329	0.002524179	0.3149199	1
HTN	nk_cell	<i>IL27RA</i>	-0.005726345	0.032716034	0.570002966	1

HTN	nk_cell	<i>INPP4A</i>	-0.001927179	0.03630956	0.588037754	1
HTN	nk_cell	<i>ISG20</i>	-0.006614488	0.011152823	0.428423851	1
HTN	nk_cell	<i>ITGA4</i>	-0.001788299	0.007366335	0.382759132	1
HTN	nk_cell	<i>ITGB2</i>	-0.003073526	0.034241088	0.571219636	1
HTN	nk_cell	<i>KCNH4</i>	0.015562072	0.013987148	0.45427823	1
HTN	nk_cell	<i>KCNN2</i>	0.016288029	0.022477225	0.539515637	1
HTN	nk_cell	<i>KHDC1</i>	-0.007447152	0.039490852	0.601216179	1
HTN	nk_cell	<i>KIAA0040</i>	-0.004494846	0.026949583	0.554164457	1
HTN	nk_cell	<i>KIAA1109</i>	-0.002853765	0.00932682	0.400986156	1
HTN	nk_cell	<i>KIF16B</i>	0.00243255	0.030055045	0.561145875	1
HTN	nk_cell	<i>KXD1</i>	-0.005443625	0.039490078	0.601216179	1
HTN	nk_cell	<i>L3MBTL3</i>	-0.003996316	0.025176717	0.540057331	1
HTN	nk_cell	<i>LAMA4</i>	0.001371746	0.016092159	0.493162791	1
HTN	nk_cell	<i>LAPTM5</i>	-0.004894748	0.001574466	0.293105699	1
HTN	nk_cell	<i>LBH</i>	-0.003098269	0.034136601	0.571219636	1
HTN	nk_cell	<i>LCLAT1</i>	-0.004363032	0.027754741	0.554164457	1
HTN	nk_cell	<i>LGALS3</i>	0.002560246	0.034395867	0.571219636	1
HTN	nk_cell	<i>LILRA2</i>	-0.013348086	0.025690329	0.540057331	1
HTN	nk_cell	<i>LIMA1</i>	0.001443469	0.027242542	0.554164457	1
HTN	nk_cell	<i>LINC00484</i>	-0.011890043	0.020408909	0.53553167	1
HTN	nk_cell	<i>LINC00640</i>	0.033797659	0.039270337	0.601216179	1
HTN	nk_cell	<i>LINC00926</i>	-0.003688497	0.008667553	0.398164567	1
HTN	nk_cell	<i>LINC00944</i>	-0.011330382	0.029087513	0.560732185	1
HTN	nk_cell	<i>LLGL2</i>	-0.005374087	0.009298159	0.400986156	1
HTN	nk_cell	<i>LMX1A</i>	0.006609394	0.049547597	0.638840743	1
HTN	nk_cell	<i>LPCAT2</i>	0.003693233	0.014395366	0.462044248	1
HTN	nk_cell	<i>LRMP</i>	-0.002619946	0.006969669	0.380115761	1
HTN	nk_cell	<i>LRP1B</i>	0.00238646	0.002219654	0.3149199	1
HTN	nk_cell	<i>LRRC34</i>	0.010040707	0.04147597	0.601293974	1
HTN	nk_cell	<i>MALRD1</i>	0.010067433	0.002700458	0.3149199	1
HTN	nk_cell	<i>MALT1</i>	-0.003405227	0.036833519	0.590713391	1
HTN	nk_cell	<i>MAP3K5</i>	-0.00263462	0.001566051	0.293105699	1
HTN	nk_cell	<i>MAPK9</i>	-0.011077605	0.027908147	0.554164457	1
HTN	nk_cell	<i>MB21D2</i>	0.005661131	0.034396025	0.571219636	1
HTN	nk_cell	<i>MBNL1</i>	-0.001574457	0.001684653	0.293105699	1
HTN	nk_cell	<i>MDM1</i>	-0.004196393	0.046992142	0.621294341	1
HTN	nk_cell	<i>ME3</i>	0.006466644	0.017905365	0.510299895	1
HTN	nk_cell	<i>MED17</i>	-0.009249861	0.018033553	0.510299895	1
HTN	nk_cell	<i>MEGF9</i>	-0.00141707	0.049564598	0.638840743	1
HTN	nk_cell	<i>MEST</i>	0.003826085	0.019876923	0.53553167	1
HTN	nk_cell	<i>MGEA5</i>	-0.00289843	0.005412875	0.363512533	1
HTN	nk_cell	<i>MLLT6</i>	-0.002923585	0.025111661	0.540057331	1
HTN	nk_cell	<i>MNT</i>	0.017500762	0.008382019	0.398164567	1
HTN	nk_cell	<i>MOB3A</i>	-0.00328843	0.031431413	0.561145875	1
HTN	nk_cell	<i>MPPE1</i>	-0.006242832	0.028053184	0.554164457	1
HTN	nk_cell	<i>MRAS</i>	0.008373675	0.00324795	0.32080829	1
HTN	nk_cell	<i>MRPL34</i>	-0.007735027	0.037750575	0.596818616	1
HTN	nk_cell	<i>MSH3</i>	0.004258649	0.009661037	0.409463527	1
HTN	nk_cell	<i>MX1</i>	-0.007091036	0.033544626	0.571219636	1
HTN	nk_cell	<i>MYBL1</i>	-0.002333472	0.008043164	0.397239216	1
HTN	nk_cell	<i>MYH3</i>	-0.026168221	0.040506102	0.601216179	1
HTN	nk_cell	<i>MYL12A</i>	-0.008413185	0.001311168	0.293105699	1

HTN	nk_cell	<i>MYO15A</i>	-0.010921815	0.025898325	0.540057331	1
HTN	nk_cell	<i>MYO1F</i>	-0.000888365	0.020461617	0.53553167	1
HTN	nk_cell	<i>NAALAD2</i>	0.005923114	0.031416194	0.561145875	1
HTN	nk_cell	<i>NCKAP1</i>	0.00240408	0.021334843	0.539008007	1
HTN	nk_cell	<i>NDE1</i>	-0.002819594	0.008658838	0.398164567	1
HTN	nk_cell	<i>NEK11</i>	0.006670096	0.00174861	0.293105699	1
HTN	nk_cell	<i>NFIA</i>	0.001544371	0.00560825	0.363512533	1
HTN	nk_cell	<i>NLRP2</i>	-0.013649028	0.041179283	0.601216179	1
HTN	nk_cell	<i>NMRK1</i>	-0.006323569	0.04603506	0.615563685	1
HTN	nk_cell	<i>NNT</i>	0.004011669	0.037126197	0.591643071	1
HTN	nk_cell	<i>NPC1</i>	-0.004753286	0.008844599	0.398164567	1
HTN	nk_cell	<i>NTPCR</i>	0.010924777	0.044399331	0.610846443	1
HTN	nk_cell	<i>NUAK2</i>	-0.013091036	0.007429729	0.382759132	1
HTN	nk_cell	<i>NUDT12</i>	0.008037282	0.029805326	0.561145875	1
HTN	nk_cell	<i>NUDT16L1</i>	-0.008083755	0.036833857	0.590713391	1
HTN	nk_cell	<i>NUP62</i>	-0.010784277	0.019942782	0.53553167	1
HTN	nk_cell	<i>ORAI2</i>	-0.007461703	0.004542037	0.3619095	1
HTN	nk_cell	<i>ORMDL3</i>	0.010174831	0.023636238	0.540057331	1
HTN	nk_cell	<i>OSBPL3</i>	-0.003163298	0.006451257	0.380115761	1
HTN	nk_cell	<i>OSCP1</i>	0.010923947	0.0403769	0.601216179	1
HTN	nk_cell	<i>PACSI</i>	-0.001898024	0.004196354	0.348297369	1
HTN	nk_cell	<i>PAOX</i>	-0.017097994	0.001015973	0.293105699	1
HTN	nk_cell	<i>PAPSS2</i>	0.003175431	0.014767478	0.462044248	1
HTN	nk_cell	<i>PAQR5</i>	0.003979953	0.034163404	0.571219636	1
HTN	nk_cell	<i>PARP15</i>	-0.003375121	0.007542629	0.383205	1
HTN	nk_cell	<i>PARP8</i>	-0.002005816	0.000308839	0.293105699	1
HTN	nk_cell	<i>PARVB</i>	0.004175814	0.023270249	0.540057331	1
HTN	nk_cell	<i>PARVG</i>	-0.005047279	0.037111063	0.591643071	1
HTN	nk_cell	<i>PATL2</i>	-0.005689779	0.00716958	0.380115761	1
HTN	nk_cell	<i>PBX1</i>	0.00155062	0.008315258	0.398164567	1
HTN	nk_cell	<i>PCDHGA5</i>	0.022026662	0.005365026	0.363512533	1
HTN	nk_cell	<i>PCSK7</i>	-0.003062983	0.010642505	0.428423851	1
HTN	nk_cell	<i>PDCD1LG2</i>	0.014123348	0.003589004	0.32080829	1
HTN	nk_cell	<i>PDS5B</i>	-0.003757519	0.049574265	0.638840743	1
HTN	nk_cell	<i>PEAK1</i>	0.001703728	0.031072038	0.561145875	1
HTN	nk_cell	<i>PLD1</i>	0.002983517	0.02032615	0.53553167	1
HTN	nk_cell	<i>PLIN2</i>	0.004085441	0.005651582	0.363512533	1
HTN	nk_cell	<i>PM20D1</i>	-0.008420479	0.041113935	0.601216179	1
HTN	nk_cell	<i>POGZ</i>	0.003493814	0.021638837	0.539008007	1
HTN	nk_cell	<i>POLB</i>	-0.00611176	0.039341474	0.601216179	1
HTN	nk_cell	<i>POR</i>	0.003220637	0.01261539	0.440874674	1
HTN	nk_cell	<i>PPIL2</i>	-0.003858778	0.038824425	0.601216179	1
HTN	nk_cell	<i>PPMIK</i>	-0.004659152	0.025863318	0.540057331	1
HTN	nk_cell	<i>PPP2R1A</i>	-0.010441721	0.027545685	0.554164457	1
HTN	nk_cell	<i>PRIMPOL</i>	0.005143154	0.027046163	0.554164457	1
HTN	nk_cell	<i>PRKD2</i>	-0.004436754	0.004905087	0.363512533	1
HTN	nk_cell	<i>PRKG2</i>	0.003635534	0.034214162	0.571219636	1
HTN	nk_cell	<i>PSMB9</i>	-0.003696279	0.01474086	0.462044248	1
HTN	nk_cell	<i>PSPH</i>	0.007130211	0.035022997	0.579771278	1
HTN	nk_cell	<i>PSTPIP1</i>	-0.006130297	0.010399987	0.428423851	1
HTN	nk_cell	<i>PTBP3</i>	-0.00230512	0.022750659	0.539515637	1
HTN	nk_cell	<i>PTCHD3</i>	-0.041324909	0.002090887	0.3149199	1

HTN	nk_cell	<i>PTGDR</i>	-0.004194938	0.011541021	0.428423851	1
HTN	nk_cell	<i>PTGR1</i>	0.005656428	0.030529843	0.561145875	1
HTN	nk_cell	<i>PTGR2</i>	0.013153795	0.027922595	0.554164457	1
HTN	nk_cell	<i>PTPRJ</i>	-0.001161194	0.020647542	0.535974546	1
HTN	nk_cell	<i>PTPRS</i>	0.002359291	0.031456471	0.561145875	1
HTN	nk_cell	<i>PUS7L</i>	-0.004268791	0.039171694	0.601216179	1
HTN	nk_cell	<i>PYCR2</i>	-0.011396017	0.03059913	0.561145875	1
HTN	nk_cell	<i>PYHIN1</i>	-0.001897944	0.005591819	0.363512533	1
HTN	nk_cell	<i>QRSL1</i>	-0.006363148	0.030144881	0.561145875	1
HTN	nk_cell	<i>RAB18</i>	-0.005076113	0.006260441	0.379503664	1
HTN	nk_cell	<i>RABGAP1L</i>	-0.001558435	0.001375644	0.293105699	1
HTN	nk_cell	<i>RADIL</i>	0.003895836	0.040905204	0.601216179	1
HTN	nk_cell	<i>RALGPS2</i>	-0.001232254	0.01591044	0.49010717	1
HTN	nk_cell	<i>RAP1A</i>	-0.002620985	0.011956964	0.430540592	1
HTN	nk_cell	<i>RASAL3</i>	-0.004807866	0.0133311	0.446541059	1
HTN	nk_cell	<i>RBL2</i>	-0.002060467	0.03065665	0.561145875	1
HTN	nk_cell	<i>RBM28</i>	0.005004131	0.047113362	0.621521971	1
HTN	nk_cell	<i>RCSD1</i>	-0.002100931	0.003077187	0.32080829	1
HTN	nk_cell	<i>RDH5</i>	0.002511562	0.044033044	0.610846443	1
HTN	nk_cell	<i>RGS11</i>	0.00706663	0.041348703	0.601216179	1
HTN	nk_cell	<i>RGS19</i>	-0.007260614	0.031990308	0.566859401	1
HTN	nk_cell	<i>RHBDF2</i>	-0.003570384	0.012351013	0.436743508	1
HTN	nk_cell	<i>RHOBTB3</i>	0.00268794	0.001526026	0.293105699	1
HTN	nk_cell	<i>RHOT1</i>	0.003933704	0.044770874	0.610846443	1
HTN	nk_cell	<i>RNASEH2B</i>	-0.003267026	0.021827299	0.539008007	1
HTN	nk_cell	<i>RNF213</i>	-0.001530871	0.04677172	0.621128441	1
HTN	nk_cell	<i>RNF217</i>	0.005659249	0.006100309	0.375829335	1
HTN	nk_cell	<i>RNF34</i>	-0.004533586	0.04083587	0.601216179	1
HTN	nk_cell	<i>RPS10</i>	-0.025649441	0.002824633	0.315553917	1
HTN	nk_cell	<i>RPS11</i>	-0.00364066	0.004333686	0.349974396	1
HTN	nk_cell	<i>RPS13</i>	-0.008766879	0.010183207	0.425558348	1
HTN	nk_cell	<i>RPS18</i>	-0.002793764	0.037563811	0.595441203	1
HTN	nk_cell	<i>RPS3</i>	-0.003619451	0.034033694	0.571219636	1
HTN	nk_cell	<i>RRBP1</i>	0.002434637	0.041234082	0.601216179	1
HTN	nk_cell	<i>SAMD9</i>	-0.005909017	0.014684334	0.462044248	1
HTN	nk_cell	<i>SDCCAG8</i>	0.001613709	0.035723558	0.58295289	1
HTN	nk_cell	<i>SDK1</i>	0.001389653	0.040033764	0.601216179	1
HTN	nk_cell	<i>SEL1L3</i>	-0.002051067	0.003596746	0.32080829	1
HTN	nk_cell	<i>SEMA3E</i>	0.005833116	0.018080328	0.510299895	1
HTN	nk_cell	<i>SEMA4D</i>	-0.00232129	0.009116792	0.400986156	1
HTN	nk_cell	<i>SENP7</i>	-0.00247096	0.011086365	0.428423851	1
HTN	nk_cell	<i>Sep-10</i>	0.004608825	0.049602092	0.638840743	1
HTN	nk_cell	<i>SERPINI1</i>	-0.006306865	0.040371148	0.601216179	1
HTN	nk_cell	<i>SF11</i>	-0.00371901	0.023954607	0.540057331	1
HTN	nk_cell	<i>SHB</i>	0.030878442	0.047895689	0.629065133	1
HTN	nk_cell	<i>SHMT1</i>	0.006181559	0.020447468	0.53553167	1
HTN	nk_cell	<i>SIPAIL3</i>	-0.002017037	0.025689519	0.540057331	1
HTN	nk_cell	<i>SLC18A2</i>	0.001763397	0.027721246	0.554164457	1
HTN	nk_cell	<i>SLC20A1</i>	-0.004410735	0.038278074	0.600393094	1
HTN	nk_cell	<i>SLC26A8</i>	0.025966428	0.011362361	0.428423851	1
HTN	nk_cell	<i>SLC39A13</i>	0.015696702	0.011482873	0.428423851	1
HTN	nk_cell	<i>SLC44A2</i>	-0.00456788	0.00649886	0.380115761	1

HTN	nk_cell	<i>SLC9A3R1</i>	-0.005862145	0.048690436	0.635314514	1
HTN	nk_cell	<i>SLCO3A1</i>	-0.001411055	0.004969877	0.363512533	1
HTN	nk_cell	<i>SLFN12L</i>	-0.001463405	0.028544578	0.559286552	1
HTN	nk_cell	<i>SMAD2</i>	-0.005503325	0.002851391	0.315553917	1
HTN	nk_cell	<i>SMCHD1</i>	-0.001049996	0.003351365	0.32080829	1
HTN	nk_cell	<i>SNRPE</i>	0.007439548	0.025393559	0.540057331	1
HTN	nk_cell	<i>SNX27</i>	-0.003641091	0.033753903	0.571219636	1
HTN	nk_cell	<i>SP100</i>	-0.002036035	0.009321181	0.400986156	1
HTN	nk_cell	<i>SP110</i>	-0.004036729	0.000832304	0.293105699	1
HTN	nk_cell	<i>SP140L</i>	-0.003162215	0.046557339	0.619658484	1
HTN	nk_cell	<i>SPAG8</i>	0.015187788	0.032061325	0.566859401	1
HTN	nk_cell	<i>SPATA7</i>	0.005124836	0.042061776	0.604233593	1
HTN	nk_cell	<i>SRGAP1</i>	0.003658946	0.003200634	0.32080829	1
HTN	nk_cell	<i>ST3GAL6</i>	0.010958829	1.80E-08	0.000107539	0.000107539
HTN	nk_cell	<i>ST8SIA1</i>	0.00129751	0.033491411	0.571219636	1
HTN	nk_cell	<i>ST8SIA2</i>	0.0334304	0.03259531	0.569560153	1
HTN	nk_cell	<i>STAM2</i>	-0.003768057	0.002740267	0.3149199	1
HTN	nk_cell	<i>STAT4</i>	-0.002201297	0.001337405	0.293105699	1
HTN	nk_cell	<i>STEAP1B</i>	-0.009210383	0.030929675	0.561145875	1
HTN	nk_cell	<i>STK17A</i>	-0.003183458	0.001118482	0.293105699	1
HTN	nk_cell	<i>STOML1</i>	-0.022386393	0.010767454	0.428423851	1
HTN	nk_cell	<i>STON1-GTF2A1L</i>	0.01173862	0.044449922	0.610846443	1
HTN	nk_cell	<i>STRIP2</i>	0.026965616	0.045977861	0.615563685	1
HTN	nk_cell	<i>STUB1</i>	-0.008762938	0.011275815	0.428423851	1
HTN	nk_cell	<i>STXBP6</i>	0.002314922	0.021807346	0.539008007	1
HTN	nk_cell	<i>SUCLA2</i>	0.006481289	0.046146675	0.615563685	1
HTN	nk_cell	<i>SULT1B1</i>	-0.012634198	0.018622029	0.520024497	1
HTN	nk_cell	<i>SVEP1</i>	0.003776884	0.000426149	0.293105699	1
HTN	nk_cell	<i>TADA2A</i>	0.00346773	0.044934644	0.611684356	1
HTN	nk_cell	<i>TAF10</i>	-0.013932833	0.00577873	0.363512533	1
HTN	nk_cell	<i>TAF13</i>	-0.013814111	0.042350993	0.605477359	1
HTN	nk_cell	<i>TAP1</i>	-0.008590145	0.018408931	0.516487182	1
HTN	nk_cell	<i>TAPBP</i>	-0.004915342	0.002562079	0.3149199	1
HTN	nk_cell	<i>TARS2</i>	-0.008906878	0.031253255	0.561145875	1
HTN	nk_cell	<i>TBC1D10C</i>	-0.00730526	0.001607837	0.293105699	1
HTN	nk_cell	<i>TBC1D22A</i>	-0.001590283	0.044274796	0.610846443	1
HTN	nk_cell	<i>TBC1D4</i>	0.003638577	0.011542209	0.428423851	1
HTN	nk_cell	<i>TCAIM</i>	0.004942565	0.022750049	0.539515637	1
HTN	nk_cell	<i>TCHH</i>	-0.032847402	0.040952972	0.601216179	1
HTN	nk_cell	<i>TDRP</i>	0.006900743	0.016588239	0.505772017	1
HTN	nk_cell	<i>TEF</i>	0.014356929	0.002274901	0.3149199	1
HTN	nk_cell	<i>TFCP2L1</i>	-0.014434507	0.022410926	0.539515637	1
HTN	nk_cell	<i>TFEB</i>	-0.004932752	0.021086073	0.538615126	1
HTN	nk_cell	<i>THAP5</i>	-0.010431485	0.044750622	0.610846443	1
HTN	nk_cell	<i>TIGD1</i>	-0.012376859	0.0056929	0.363512533	1
HTN	nk_cell	<i>TIPIN</i>	0.012206036	0.003424848	0.32080829	1
HTN	nk_cell	<i>TK2</i>	0.007524434	0.022084141	0.539515637	1
HTN	nk_cell	<i>TLR6</i>	-0.007772901	0.013257061	0.446541059	1
HTN	nk_cell	<i>TM2D3</i>	-0.009159261	0.017042089	0.510299895	1
HTN	nk_cell	<i>TMEM132C</i>	0.002211981	0.024578862	0.540057331	1
HTN	nk_cell	<i>TMEM184B</i>	0.004468568	0.03872234	0.601216179	1
HTN	nk_cell	<i>TMEM2</i>	-0.004111897	0.001478002	0.293105699	1

HTN	nk_cell	<i>TOX2</i>	0.006268797	0.043876543	0.610846443	1
HTN	nk_cell	<i>TPD52</i>	-0.002779434	0.001827077	0.293105699	1
HTN	nk_cell	<i>TRAF3IP2</i>	0.00854321	0.018874498	0.524623244	1
HTN	nk_cell	<i>TRANK1</i>	-0.003267867	0.039949085	0.601216179	1
HTN	nk_cell	<i>TRDMT1</i>	-0.005287423	0.025113321	0.540057331	1
HTN	nk_cell	<i>TRHDE</i>	0.002347495	0.001369235	0.293105699	1
HTN	nk_cell	<i>TRIM22</i>	-0.003629388	0.014711128	0.462044248	1
HTN	nk_cell	<i>TRIM5</i>	-0.003304833	0.040679002	0.601216179	1
HTN	nk_cell	<i>TRMT112</i>	-0.008180198	0.044691382	0.610846443	1
HTN	nk_cell	<i>TRPC3</i>	-0.016850732	0.027432714	0.554164457	1
HTN	nk_cell	<i>TRPT1</i>	-0.01913662	0.001863791	0.293105699	1
HTN	nk_cell	<i>TTC21A</i>	-0.012972871	0.017697991	0.510299895	1
HTN	nk_cell	<i>TTC7B</i>	0.003348589	0.008423956	0.398164567	1
HTN	nk_cell	<i>UBA52</i>	-0.003149615	0.011351204	0.428423851	1
HTN	nk_cell	<i>UBASH3B</i>	-0.003973204	0.033449692	0.571219636	1
HTN	nk_cell	<i>UBR2</i>	-0.0023281	0.000688428	0.293105699	1
HTN	nk_cell	<i>UBXN2B</i>	-0.006312213	0.025328984	0.540057331	1
HTN	nk_cell	<i>UGGT2</i>	0.002998489	0.008538345	0.398164567	1
HTN	nk_cell	<i>UGP2</i>	0.002313428	0.045767416	0.615563685	1
HTN	nk_cell	<i>USB1</i>	-0.014885571	0.028970663	0.560732185	1
HTN	nk_cell	<i>USP15</i>	-0.001301366	0.021710581	0.539008007	1
HTN	nk_cell	<i>USP40</i>	0.005192732	0.012447732	0.437574374	1
HTN	nk_cell	<i>VAV3</i>	-0.001771612	0.017189299	0.510299895	1
HTN	nk_cell	<i>VSIG10</i>	0.008585056	0.006286958	0.379503664	1
HTN	nk_cell	<i>WIPF1</i>	-0.001980336	0.005163807	0.363512533	1
HTN	nk_cell	<i>WNT16</i>	-0.025123859	0.02543829	0.540057331	1
HTN	nk_cell	<i>WNT2B</i>	0.007303856	0.008526346	0.398164567	1
HTN	nk_cell	<i>WNT3</i>	-0.032459814	0.021749159	0.539008007	1
HTN	nk_cell	<i>XPO6</i>	-0.00166361	0.010622178	0.428423851	1
HTN	nk_cell	<i>ZFHX3</i>	0.001845855	0.014912814	0.464161321	1
HTN	nk_cell	<i>ZNF100</i>	0.004112843	0.016888829	0.510299895	1
HTN	nk_cell	<i>ZNF107</i>	-0.008440856	0.001099306	0.293105699	1
HTN	nk_cell	<i>ZNF117</i>	0.005508807	0.013450032	0.446541059	1
HTN	nk_cell	<i>ZNF143</i>	-0.008286968	0.001716742	0.293105699	1
HTN	nk_cell	<i>ZNF212</i>	-0.009129218	0.035606544	0.58295289	1
HTN	nk_cell	<i>ZNF248</i>	0.005600794	0.010529989	0.428423851	1
HTN	nk_cell	<i>ZNF285</i>	-0.031605959	0.004639424	0.363512533	1
HTN	nk_cell	<i>ZNF33A</i>	-0.005304198	0.0068257	0.380115761	1
HTN	nk_cell	<i>ZNF454</i>	0.019927317	0.029063206	0.560732185	1
HTN	nk_cell	<i>ZNF483</i>	0.009522147	0.020027415	0.53553167	1
HTN	nk_cell	<i>ZNF525</i>	-0.016787842	0.020717892	0.535974546	1
HTN	nk_cell	<i>ZNF567</i>	-0.009831284	0.006687792	0.380115761	1
HTN	nk_cell	<i>ZNF600</i>	-0.006472794	0.033767319	0.571219636	1
HTN	nk_cell	<i>ZNF704</i>	0.001720746	0.024560012	0.540057331	1
HTN	nk_cell	<i>ZNF717</i>	0.009902727	0.003569719	0.32080829	1
HTN	nk_cell	<i>ZSCAN18</i>	0.007636841	0.03620012	0.587858477	1
HTN	nk_cell	<i>BEND4</i>	-0.016646095	0.038014807	0.599410254	1
HTN	pericyte	<i>ABTB1</i>	-0.00440804	0.044647145	0.683485172	1
HTN	pericyte	<i>ACER3</i>	0.002456126	0.000991311	0.313169872	1
HTN	pericyte	<i>ACHE</i>	0.025721831	0.04485844	0.683485172	1
HTN	pericyte	<i>ACOT11</i>	0.00576801	0.026206552	0.652724009	1
HTN	pericyte	<i>ACTR3</i>	-0.002747812	0.014326263	0.566704057	1

HTN	pericyte	<i>ADAM19</i>	-0.0032604	0.003320099	0.39870107	1
HTN	pericyte	<i>ADH1B</i>	0.001861894	0.031059734	0.664777876	1
HTN	pericyte	<i>ADIPOQ</i>	0.002114142	0.046878	0.687194839	1
HTN	pericyte	<i>ADORA2B</i>	0.012309194	0.008777329	0.524533201	1
HTN	pericyte	<i>AGTPBP1</i>	-0.002969359	0.006532903	0.508476868	1
HTN	pericyte	<i>AH1I</i>	0.001689672	0.025397098	0.652724009	1
HTN	pericyte	<i>AIMP2</i>	0.01495279	0.002837544	0.39870107	1
HTN	pericyte	<i>ALG10</i>	-0.010035837	0.045459359	0.685107255	1
HTN	pericyte	<i>ALS2</i>	0.002626701	0.031493077	0.664777876	1
HTN	pericyte	<i>ANK3</i>	-0.001722941	0.03634329	0.664777876	1
HTN	pericyte	<i>ANKRD44</i>	-0.00100319	0.00787873	0.517486641	1
HTN	pericyte	<i>AOAH</i>	-0.00075065	0.044510809	0.683485172	1
HTN	pericyte	<i>APBB1</i>	-0.017146227	0.004916367	0.481642768	1
HTN	pericyte	<i>APBB1IP</i>	-0.00108826	0.01273891	0.557194591	1
HTN	pericyte	<i>APOBEC3D</i>	-0.019794552	0.034249636	0.664777876	1
HTN	pericyte	<i>APOBEC3G</i>	-0.006841683	0.006160369	0.508476868	1
HTN	pericyte	<i>ARHGAP9</i>	-0.004803106	0.034421695	0.664777876	1
HTN	pericyte	<i>ARHGDIB</i>	-0.00421735	0.002115429	0.39870107	1
HTN	pericyte	<i>ARID5B</i>	-0.00165518	0.029398736	0.660476877	1
HTN	pericyte	<i>ARPC3</i>	-0.005546381	0.043106149	0.681487692	1
HTN	pericyte	<i>ARRDC1</i>	-0.012041374	0.01884141	0.598878396	1
HTN	pericyte	<i>ARSG</i>	-0.00358319	0.02216524	0.625143801	1
HTN	pericyte	<i>ATF1</i>	-0.004972619	0.03460568	0.664777876	1
HTN	pericyte	<i>ATIC</i>	-0.01030864	0.037425046	0.664777876	1
HTN	pericyte	<i>ATP10B</i>	0.014848025	0.03991196	0.668294704	1
HTN	pericyte	<i>ATP11B</i>	-0.0028115	0.027415282	0.652724009	1
HTN	pericyte	<i>ATP1B1</i>	0.007036505	0.023420371	0.632520986	1
HTN	pericyte	<i>ATP2A3</i>	-0.004310988	0.002656808	0.39870107	1
HTN	pericyte	<i>ATP6V0D2</i>	0.034478291	9.82E-05	0.195631293	0.586893878
HTN	pericyte	<i>ATP8A1</i>	-0.003496543	0.000424146	0.264332841	1
HTN	pericyte	<i>BAHD1</i>	-0.007805932	0.016170067	0.589221456	1
HTN	pericyte	<i>BALAP3</i>	-0.030568292	0.028904745	0.658719137	1
HTN	pericyte	<i>BLK</i>	-0.002838561	0.009944863	0.535409901	1
HTN	pericyte	<i>BLOC1S1</i>	-0.007729556	0.037573593	0.664777876	1
HTN	pericyte	<i>BMPR1A</i>	0.001534961	0.032028594	0.664777876	1
HTN	pericyte	<i>BNC2</i>	0.001108843	0.028521152	0.658719137	1
HTN	pericyte	<i>BSCL2</i>	0.059395567	0.037648496	0.664777876	1
HTN	pericyte	<i>BTN3A1</i>	-0.003580793	0.017453382	0.594052162	1
HTN	pericyte	<i>BTN3A2</i>	-0.005706534	0.009852662	0.535268282	1
HTN	pericyte	<i>C17orf75</i>	-0.015243072	0.005306185	0.495464984	1
HTN	pericyte	<i>C17orf80</i>	0.008848835	0.035571876	0.664777876	1
HTN	pericyte	<i>C19orf24</i>	-0.013349432	0.012599679	0.557194591	1
HTN	pericyte	<i>C1QTNF7</i>	0.004816021	0.006997677	0.508476868	1
HTN	pericyte	<i>C20orf196</i>	-0.005113694	0.016666311	0.594052162	1
HTN	pericyte	<i>C2orf69</i>	-0.005841787	0.011352638	0.545802852	1
HTN	pericyte	<i>C2orf88</i>	0.005832522	0.01349571	0.564036264	1
HTN	pericyte	<i>C4BPB</i>	-0.016641226	0.048628477	0.692445927	1
HTN	pericyte	<i>CACNA2D1</i>	0.001741262	0.017840347	0.594052162	1
HTN	pericyte	<i>CAPZA1</i>	-0.002165157	0.032735378	0.664777876	1
HTN	pericyte	<i>CAPZB</i>	-0.002094398	0.046424003	0.687194839	1
HTN	pericyte	<i>CASP8</i>	-0.002615996	0.028925078	0.658719137	1
HTN	pericyte	<i>CAT</i>	0.004551481	0.003119146	0.39870107	1

HTN	pericyte	<i>CBL</i>	-0.003749292	0.007232352	0.508476868	1
HTN	pericyte	<i>CCDC88C</i>	-0.002635148	0.002335333	0.39870107	1
HTN	pericyte	<i>CCL4</i>	-0.00383271	0.021127215	0.625030879	1
HTN	pericyte	<i>CCSER2</i>	-0.002753339	0.033790509	0.664777876	1
HTN	pericyte	<i>CD37</i>	-0.003880677	0.00871206	0.524533201	1
HTN	pericyte	<i>CD38</i>	-0.005037188	0.036517884	0.664777876	1
HTN	pericyte	<i>CD3E</i>	-0.005214793	0.017043292	0.594052162	1
HTN	pericyte	<i>CD52</i>	-0.0042709	0.031403683	0.664777876	1
HTN	pericyte	<i>CDC25B</i>	-0.012066489	0.006171367	0.508476868	1
HTN	pericyte	<i>CDC42SE1</i>	-0.004369793	0.007900841	0.517486641	1
HTN	pericyte	<i>CDC42SE2</i>	-0.001115465	0.042859566	0.681318215	1
HTN	pericyte	<i>CDK19</i>	-0.00279126	0.031990529	0.664777876	1
HTN	pericyte	<i>CEACAM21</i>	-0.007329453	0.003263233	0.39870107	1
HTN	pericyte	<i>CEACAM4</i>	-0.009964822	0.047088133	0.687194839	1
HTN	pericyte	<i>CHML</i>	-0.008732394	0.014570723	0.566704057	1
HTN	pericyte	<i>CHPF</i>	-0.017671009	0.039362987	0.668294704	1
HTN	pericyte	<i>CHST11</i>	-0.000894867	0.026971928	0.652724009	1
HTN	pericyte	<i>CIB2</i>	-0.027096601	0.044480845	0.683485172	1
HTN	pericyte	<i>CISD1</i>	-0.009283793	0.013631566	0.564036264	1
HTN	pericyte	<i>CLEC2D</i>	-0.001653048	0.013685619	0.564036264	1
HTN	pericyte	<i>CNOT6L</i>	-0.002960412	0.007722497	0.517486641	1
HTN	pericyte	<i>CNTLN</i>	0.002833557	0.00901501	0.526988036	1
HTN	pericyte	<i>COBLL1</i>	0.001506453	0.047319008	0.688025282	1
HTN	pericyte	<i>COL8A1</i>	0.004217748	0.019089191	0.598878396	1
HTN	pericyte	<i>COPE</i>	-0.005675049	0.033770606	0.664777876	1
HTN	pericyte	<i>CORO1A</i>	-0.010556372	7.11E-05	0.195631293	0.424766789
HTN	pericyte	<i>CREG1</i>	0.005962565	0.041359262	0.677842486	1
HTN	pericyte	<i>CSF1</i>	0.00275928	0.038615038	0.668294704	1
HTN	pericyte	<i>CTCI</i>	-0.007850327	0.038720541	0.668294704	1
HTN	pericyte	<i>CTNNA1</i>	0.003694141	0.011781889	0.545802852	1
HTN	pericyte	<i>CTNBL1</i>	0.002668259	0.012310487	0.557194591	1
HTN	pericyte	<i>CTSW</i>	-0.004465957	0.023301725	0.632520986	1
HTN	pericyte	<i>CYBA</i>	-0.002735803	0.001696372	0.37546378	1
HTN	pericyte	<i>CYTH1</i>	-0.001891035	0.005800694	0.508476868	1
HTN	pericyte	<i>DAPK1</i>	0.001718403	0.042987616	0.681416424	1
HTN	pericyte	<i>DBNL</i>	-0.006434514	0.02440214	0.639592942	1
HTN	pericyte	<i>DCBLD2</i>	0.006555287	0.000629124	0.313169872	1
HTN	pericyte	<i>DCHS1</i>	-0.007619723	0.038561844	0.668294704	1
HTN	pericyte	<i>DDX50</i>	-0.00338741	0.044879469	0.683485172	1
HTN	pericyte	<i>DENND4C</i>	0.002371771	0.026408545	0.652724009	1
HTN	pericyte	<i>DGCR2</i>	-0.005807469	0.010035771	0.535480047	1
HTN	pericyte	<i>DIRC3</i>	0.001821508	0.037281474	0.664777876	1
HTN	pericyte	<i>DNAJC3-AS1</i>	-0.014649002	0.008321049	0.519244255	1
HTN	pericyte	<i>DNPH1</i>	-0.014554164	0.044683321	0.683485172	1
HTN	pericyte	<i>DOCK7</i>	0.003820995	0.032076435	0.664777876	1
HTN	pericyte	<i>DOCK8</i>	-0.000949394	0.017142158	0.594052162	1
HTN	pericyte	<i>DRAM2</i>	-0.004452375	0.010129284	0.535686746	1
HTN	pericyte	<i>DTNB</i>	-0.004969579	0.011627535	0.545802852	1
HTN	pericyte	<i>EFCAB2</i>	0.006340273	0.003014486	0.39870107	1
HTN	pericyte	<i>EIF3B</i>	0.005995372	0.030368509	0.664777876	1
HTN	pericyte	<i>EIF4G3</i>	-0.003811958	0.001048092	0.313169872	1
HTN	pericyte	<i>EMB</i>	-0.002399169	0.021680683	0.625143801	1

HTN	pericyte	<i>EML4</i>	-0.001682695	0.007962477	0.517486641	1
HTN	pericyte	<i>EMP1</i>	0.002436056	0.027893865	0.657611002	1
HTN	pericyte	<i>EPB41</i>	-0.0024426	0.002298649	0.39870107	1
HTN	pericyte	<i>EPDR1</i>	0.006785747	0.008428161	0.519244255	1
HTN	pericyte	<i>EPN2</i>	0.00297448	0.003289513	0.39870107	1
HTN	pericyte	<i>ERAP2</i>	-0.003553606	0.039268281	0.668294704	1
HTN	pericyte	<i>ERCC6</i>	0.003952509	0.042586756	0.681318215	1
HTN	pericyte	<i>ERI2</i>	0.007589359	0.018067879	0.596539461	1
HTN	pericyte	<i>ERICH1</i>	0.002547692	0.041858759	0.677907714	1
HTN	pericyte	<i>ERP27</i>	-0.012074759	0.013302313	0.564036264	1
HTN	pericyte	<i>EVL</i>	-0.002985651	0.002443782	0.39870107	1
HTN	pericyte	<i>EXOC6B</i>	0.001578141	0.011321509	0.545802852	1
HTN	pericyte	<i>EYA3</i>	-0.004779771	0.022177123	0.625143801	1
HTN	pericyte	<i>F2RL1</i>	-0.056406557	0.022051303	0.625143801	1
HTN	pericyte	<i>FAIM2</i>	0.016756919	0.009259328	0.526988036	1
HTN	pericyte	<i>FAM114A1</i>	0.005476722	0.008926927	0.526988036	1
HTN	pericyte	<i>FAM13A</i>	0.002245138	0.029100042	0.658719137	1
HTN	pericyte	<i>FAM153B</i>	-0.021568157	0.006958494	0.508476868	1
HTN	pericyte	<i>FAM160A2</i>	-0.006519364	0.042786969	0.681318215	1
HTN	pericyte	<i>FAM169A</i>	-0.010737081	0.000203373	0.248961405	1
HTN	pericyte	<i>FAM19A1</i>	-0.002802784	0.037434559	0.664777876	1
HTN	pericyte	<i>FAM89A</i>	0.010536499	0.011176226	0.545802852	1
HTN	pericyte	<i>FAP</i>	0.009060773	0.023396856	0.632520986	1
HTN	pericyte	<i>FASN</i>	0.0089873	0.020977881	0.625030879	1
HTN	pericyte	<i>FCER2</i>	-0.008349164	0.013672988	0.564036264	1
HTN	pericyte	<i>FCHO2</i>	0.002943177	0.035818438	0.664777876	1
HTN	pericyte	<i>FCRL3</i>	-0.003855878	0.033136832	0.664777876	1
HTN	pericyte	<i>FGFBP2</i>	-0.005896147	0.027301897	0.652724009	1
HTN	pericyte	<i>FMN1</i>	0.001978646	0.027408866	0.652724009	1
HTN	pericyte	<i>FNBP1</i>	-0.002359631	0.001199589	0.332752753	1
HTN	pericyte	<i>FOXP2</i>	0.002252194	0.016302978	0.590464212	1
HTN	pericyte	<i>FPGT</i>	0.01012225	0.01608368	0.589221456	1
HTN	pericyte	<i>FPR3</i>	0.002958858	0.035515239	0.664777876	1
HTN	pericyte	<i>FREMI</i>	0.0028404	0.007017769	0.508476868	1
HTN	pericyte	<i>GBP5</i>	-0.004921142	0.034036754	0.664777876	1
HTN	pericyte	<i>GHR</i>	0.001600277	0.026349594	0.652724009	1
HTN	pericyte	<i>GIGYF1</i>	0.009334706	0.018877551	0.598878396	1
HTN	pericyte	<i>GLIPR1</i>	-0.004235536	0.012773705	0.557194591	1
HTN	pericyte	<i>GLRX</i>	0.002617406	0.04930136	0.694870108	1
HTN	pericyte	<i>GNAI1</i>	0.003117627	0.022516177	0.630910013	1
HTN	pericyte	<i>GNLY</i>	-0.001224293	0.019249959	0.598878396	1
HTN	pericyte	<i>GOLIM4</i>	0.004952964	0.040130885	0.669894332	1
HTN	pericyte	<i>GPATCH2L</i>	-0.003546832	0.034160767	0.664777876	1
HTN	pericyte	<i>GPR19</i>	-0.020730845	0.03500418	0.664777876	1
HTN	pericyte	<i>GPR84</i>	0.005933799	0.007518569	0.517486641	1
HTN	pericyte	<i>GPX7</i>	-0.008204243	0.02570588	0.652724009	1
HTN	pericyte	<i>GRIK4</i>	-0.01093911	0.028549137	0.658719137	1
HTN	pericyte	<i>GSAP</i>	-0.002286136	0.009803635	0.535268282	1
HTN	pericyte	<i>GSTM2</i>	0.007573084	0.034468781	0.664777876	1
HTN	pericyte	<i>GTPBP3</i>	-0.025939686	0.018569557	0.598878396	1
HTN	pericyte	<i>GXYLT2</i>	0.005879616	0.037199214	0.664777876	1
HTN	pericyte	<i>GYPE</i>	-0.031835342	0.003893831	0.447491048	1

HTN	pericyte	<i>HELB</i>	-0.003969067	0.017893137	0.594052162	1
HTN	pericyte	<i>HIST1H4E</i>	-0.018065497	0.049922548	0.700321947	1
HTN	pericyte	<i>HLA-A</i>	-0.002330752	0.000860793	0.313169872	1
HTN	pericyte	<i>HLA-B</i>	-0.001868536	0.00022224	0.248961405	1
HTN	pericyte	<i>HLA-C</i>	-0.002270893	0.002002328	0.39870107	1
HTN	pericyte	<i>HLA-E</i>	-0.003022719	0.000934281	0.313169872	1
HTN	pericyte	<i>HLA-F</i>	-0.00424179	0.015216794	0.571921775	1
HTN	pericyte	<i>HMOX2</i>	-0.004149181	0.037355517	0.664777876	1
HTN	pericyte	<i>HNRNPK</i>	-0.004776655	0.033259601	0.664777876	1
HTN	pericyte	<i>HPGDS</i>	0.001648904	0.033796918	0.664777876	1
HTN	pericyte	<i>HRASLS5</i>	0.009878426	0.01091202	0.545802852	1
HTN	pericyte	<i>HRK</i>	-0.024409501	0.018662783	0.598878396	1
HTN	pericyte	<i>HSD17B11</i>	-0.005007553	0.047958022	0.692284889	1
HTN	pericyte	<i>HSD17B8</i>	-0.018748504	0.042855238	0.681318215	1
HTN	pericyte	<i>HSPG2</i>	0.001466051	0.039810364	0.668294704	1
HTN	pericyte	<i>ICAM3</i>	-0.011094983	0.002228148	0.39870107	1
HTN	pericyte	<i>IDH2</i>	-0.007119674	0.025665634	0.652724009	1
HTN	pericyte	<i>IFIT5</i>	-0.020144548	0.006318956	0.508476868	1
HTN	pericyte	<i>IFITM1</i>	-0.013281898	0.026399111	0.652724009	1
HTN	pericyte	<i>IFITM2</i>	-0.006926253	0.008627629	0.524533201	1
HTN	pericyte	<i>IFNAR1</i>	-0.004178302	0.022831674	0.630910013	1
HTN	pericyte	<i>IFNAR2</i>	-0.002910841	0.004076261	0.450007154	1
HTN	pericyte	<i>IFT88</i>	0.004321361	0.001416325	0.338558353	1
HTN	pericyte	<i>IGF2R</i>	-0.001349302	0.019090322	0.598878396	1
HTN	pericyte	<i>IKBIP</i>	-0.003158136	0.02728915	0.652724009	1
HTN	pericyte	<i>IKBKE</i>	-0.01355717	0.011457827	0.545802852	1
HTN	pericyte	<i>IKZF3</i>	-0.001936615	0.008308996	0.519244255	1
HTN	pericyte	<i>IL27RA</i>	-0.00861705	0.001311431	0.332752753	1
HTN	pericyte	<i>IMPA2</i>	0.00778926	0.004112742	0.450007154	1
HTN	pericyte	<i>INPP4A</i>	-0.002400234	0.009169385	0.526988036	1
HTN	pericyte	<i>INSIG2</i>	0.012589936	0.006533726	0.508476868	1
HTN	pericyte	<i>ITGA4</i>	-0.001868716	0.005095318	0.483327331	1
HTN	pericyte	<i>ITGB2</i>	-0.003307612	0.022728592	0.630910013	1
HTN	pericyte	<i>KCNAB2</i>	-0.003474499	0.021925804	0.625143801	1
HTN	pericyte	<i>KDM4C</i>	-0.001758347	0.043927398	0.683485172	1
HTN	pericyte	<i>KHNYN</i>	-0.010583312	0.000856331	0.313169872	1
HTN	pericyte	<i>KIAA1109</i>	-0.002409341	0.028393939	0.658719137	1
HTN	pericyte	<i>KIAA1549L</i>	-0.026858628	0.045059304	0.683485172	1
HTN	pericyte	<i>KLHL14</i>	-0.005536171	0.038196925	0.667441012	1
HTN	pericyte	<i>L3MBTL3</i>	-0.004240446	0.017393481	0.594052162	1
HTN	pericyte	<i>LACTB</i>	0.005129414	0.016073409	0.589221456	1
HTN	pericyte	<i>LAMA4</i>	0.001323004	0.020194511	0.618884101	1
HTN	pericyte	<i>LAMTOR4</i>	-0.005471883	0.046214607	0.687194839	1
HTN	pericyte	<i>LAPTM5</i>	-0.004367624	0.004722668	0.47281101	1
HTN	pericyte	<i>LBH</i>	-0.003462458	0.017818936	0.594052162	1
HTN	pericyte	<i>LDLRAD2</i>	0.010188504	0.035056373	0.664777876	1
HTN	pericyte	<i>LIG1</i>	-0.007874581	0.047959495	0.692284889	1
HTN	pericyte	<i>LILRA2</i>	-0.012406865	0.037982071	0.666423233	1
HTN	pericyte	<i>LIMA1</i>	0.001308846	0.045062443	0.683485172	1
HTN	pericyte	<i>LINC00484</i>	-0.011002992	0.031406692	0.664777876	1
HTN	pericyte	<i>LINC00926</i>	-0.002951304	0.035413608	0.664777876	1
HTN	pericyte	<i>LINC00944</i>	-0.011913524	0.021706237	0.625143801	1

HTN	pericyte	<i>LLGL2</i>	-0.004659531	0.024026483	0.632520986	1
HTN	pericyte	<i>LPCAT1</i>	-0.004987991	0.04821157	0.692445927	1
HTN	pericyte	<i>LRMP</i>	-0.002616242	0.007025358	0.508476868	1
HTN	pericyte	<i>LRP1B</i>	0.00237778	0.002290789	0.39870107	1
HTN	pericyte	<i>LRRC38</i>	0.038445003	0.014173276	0.566704057	1
HTN	pericyte	<i>LRRC39</i>	-0.008459407	0.032640351	0.664777876	1
HTN	pericyte	<i>LRRC8B</i>	-0.006894942	0.037710793	0.664777876	1
HTN	pericyte	<i>LURAP1L</i>	0.004251328	0.041498531	0.677842486	1
HTN	pericyte	<i>MAP3K5</i>	-0.002356202	0.004697103	0.47281101	1
HTN	pericyte	<i>MAPK9</i>	-0.010813662	0.032176224	0.664777876	1
HTN	pericyte	<i>MAST2</i>	0.004275598	0.035863055	0.664777876	1
HTN	pericyte	<i>MBNL1</i>	-0.00112116	0.025338424	0.652724009	1
HTN	pericyte	<i>ME3</i>	0.006051828	0.026667239	0.652724009	1
HTN	pericyte	<i>MILR1</i>	0.008196991	0.043971501	0.683485172	1
HTN	pericyte	<i>MLXIPL</i>	0.003298472	0.00922777	0.526988036	1
HTN	pericyte	<i>MMP25</i>	-0.003752385	0.044033855	0.683485172	1
HTN	pericyte	<i>MOGAT1</i>	0.009370499	0.041627877	0.677842486	1
HTN	pericyte	<i>MPPE1</i>	-0.006160162	0.030356058	0.664777876	1
HTN	pericyte	<i>MTPAP</i>	-0.006118478	0.015769413	0.585329257	1
HTN	pericyte	<i>MUM1</i>	0.005231295	0.020676229	0.625030879	1
HTN	pericyte	<i>MVB12B</i>	0.003868832	0.03062773	0.664777876	1
HTN	pericyte	<i>MYBL1</i>	-0.00198798	0.023848378	0.632520986	1
HTN	pericyte	<i>MYL12A</i>	-0.009203043	0.000432213	0.264332841	1
HTN	pericyte	<i>MYO1F</i>	-0.000773351	0.043624661	0.683485172	1
HTN	pericyte	<i>NBPF3</i>	-0.009623741	0.021058046	0.625030879	1
HTN	pericyte	<i>NDUFS1</i>	0.003492786	0.021935448	0.625143801	1
HTN	pericyte	<i>NEFH</i>	0.043449925	0.028652751	0.658719137	1
HTN	pericyte	<i>NEK11</i>	0.005844493	0.005957949	0.508476868	1
HTN	pericyte	<i>NETO1</i>	-0.014531935	0.041843709	0.677907714	1
HTN	pericyte	<i>NFATC3</i>	-0.001931798	0.044687285	0.683485172	1
HTN	pericyte	<i>NFIA</i>	0.001412667	0.011211855	0.545802852	1
HTN	pericyte	<i>NIPA2</i>	-0.006670022	0.014888309	0.566704057	1
HTN	pericyte	<i>NIPAL3</i>	-0.003616767	0.038027162	0.666423233	1
HTN	pericyte	<i>NIPSNAP3B</i>	0.009344335	0.032966079	0.664777876	1
HTN	pericyte	<i>NLN</i>	0.005819859	0.013918865	0.566704057	1
HTN	pericyte	<i>NMNAT3</i>	0.007459042	0.003247973	0.39870107	1
HTN	pericyte	<i>NMRAL1</i>	-0.010273581	0.003354176	0.39870107	1
HTN	pericyte	<i>NNT</i>	0.004089409	0.033610214	0.664777876	1
HTN	pericyte	<i>NOL6</i>	0.016490856	0.019341287	0.598878396	1
HTN	pericyte	<i>NSA2</i>	-0.012314208	0.000525997	0.285760029	1
HTN	pericyte	<i>NTNG2</i>	-0.011879579	0.041603064	0.677842486	1
HTN	pericyte	<i>NUAK2</i>	-0.010918464	0.025546622	0.652724009	1
HTN	pericyte	<i>NUDT2</i>	0.010215779	0.01474689	0.566704057	1
HTN	pericyte	<i>NUP153</i>	-0.004975823	0.030729753	0.664777876	1
HTN	pericyte	<i>NUPL2</i>	0.005878675	0.01485208	0.566704057	1
HTN	pericyte	<i>OPN3</i>	-0.00987042	0.023370111	0.632520986	1
HTN	pericyte	<i>ORAI2</i>	-0.008463043	0.001262803	0.332752753	1
HTN	pericyte	<i>PACSI</i>	-0.001669714	0.011708123	0.545802852	1
HTN	pericyte	<i>PAQR5</i>	0.004750622	0.011460132	0.545802852	1
HTN	pericyte	<i>PARP14</i>	-0.002198652	0.03987769	0.668294704	1
HTN	pericyte	<i>PARP15</i>	-0.003280403	0.00943091	0.531689813	1
HTN	pericyte	<i>PARP8</i>	-0.002014665	0.000291621	0.248961405	1

HTN	pericyte	<i>PARVB</i>	0.004314395	0.018664282	0.598878396	1
HTN	pericyte	<i>PARVG</i>	-0.005063188	0.036253677	0.664777876	1
HTN	pericyte	<i>PATL2</i>	-0.006637933	0.001682976	0.37546378	1
HTN	pericyte	<i>PBX1</i>	0.001565594	0.007681416	0.517486641	1
HTN	pericyte	<i>PCSK7</i>	-0.003008963	0.012063281	0.550306625	1
HTN	pericyte	<i>PDCD1LG2</i>	0.011858772	0.014448035	0.566704057	1
HTN	pericyte	<i>PHACTR4</i>	0.002741924	0.027854936	0.657611002	1
HTN	pericyte	<i>PIGO</i>	-0.009496134	0.047146902	0.687194839	1
HTN	pericyte	<i>PILRB</i>	-0.005807665	0.023899978	0.632520986	1
HTN	pericyte	<i>PLEKHO2</i>	0.017399918	0.036866049	0.664777876	1
HTN	pericyte	<i>POC1B</i>	-0.005860638	0.015360107	0.573700003	1
HTN	pericyte	<i>POGZ</i>	0.003379106	0.026721159	0.652724009	1
HTN	pericyte	<i>POLB</i>	-0.006801815	0.021708715	0.625143801	1
HTN	pericyte	<i>PPIA</i>	-0.005697475	0.033533257	0.664777876	1
HTN	pericyte	<i>PPMIK</i>	-0.004273411	0.040963454	0.674373556	1
HTN	pericyte	<i>PPP2R1A</i>	-0.009439818	0.046541674	0.687194839	1
HTN	pericyte	<i>PRKD2</i>	-0.003918319	0.013043586	0.560780343	1
HTN	pericyte	<i>PRKG2</i>	0.003391017	0.04897985	0.692445927	1
HTN	pericyte	<i>PRR12</i>	-0.008369917	0.034384791	0.664777876	1
HTN	pericyte	<i>PRRC2C</i>	-0.002251908	0.037284269	0.664777876	1
HTN	pericyte	<i>PRSS27</i>	0.121331999	0.007002109	0.508476868	1
HTN	pericyte	<i>PRTN3</i>	0.005226981	0.026595707	0.652724009	1
HTN	pericyte	<i>PSD4</i>	-0.00878228	0.000881881	0.313169872	1
HTN	pericyte	<i>PSMB3</i>	-0.014387357	0.004374677	0.466840577	1
HTN	pericyte	<i>PSMB9</i>	-0.005546787	0.000253722	0.248961405	1
HTN	pericyte	<i>PSTPIP1</i>	-0.005669151	0.017750132	0.594052162	1
HTN	pericyte	<i>PTGDR</i>	-0.004070988	0.014182228	0.566704057	1
HTN	pericyte	<i>PTH2R</i>	0.006684256	0.02600837	0.652724009	1
HTN	pericyte	<i>PTPRJ</i>	-0.001099027	0.028502645	0.658719137	1
HTN	pericyte	<i>PTPRS</i>	0.002296173	0.036083181	0.664777876	1
HTN	pericyte	<i>PYHIN1</i>	-0.002006083	0.003402569	0.39870107	1
HTN	pericyte	<i>QSOX2</i>	-0.007154621	0.040868966	0.674373556	1
HTN	pericyte	<i>RABGAP1L</i>	-0.001610259	0.000945715	0.313169872	1
HTN	pericyte	<i>RAP1A</i>	-0.003201762	0.002144789	0.39870107	1
HTN	pericyte	<i>RAP1B</i>	-0.002136639	0.0371398	0.664777876	1
HTN	pericyte	<i>RASA3</i>	-0.002302119	0.012660477	0.557194591	1
HTN	pericyte	<i>RASGRP3</i>	-0.001736053	0.046863855	0.687194839	1
HTN	pericyte	<i>RBBP4</i>	-0.004641728	0.011168106	0.545802852	1
HTN	pericyte	<i>RBL2</i>	-0.002099163	0.027282066	0.652724009	1
HTN	pericyte	<i>RCSD1</i>	-0.002326123	0.001037505	0.313169872	1
HTN	pericyte	<i>RGS9</i>	-0.008661687	0.037192946	0.664777876	1
HTN	pericyte	<i>RHBDF2</i>	-0.00325027	0.022626062	0.630910013	1
HTN	pericyte	<i>RHOBTB3</i>	0.002141198	0.011513329	0.545802852	1
HTN	pericyte	<i>RNF123</i>	-0.006485577	0.038967926	0.668294704	1
HTN	pericyte	<i>RNF157</i>	-0.006531131	0.030090113	0.664777876	1
HTN	pericyte	<i>RNF213</i>	-0.001822548	0.017850961	0.594052162	1
HTN	pericyte	<i>RNF34</i>	-0.004363638	0.048790443	0.692445927	1
HTN	pericyte	<i>RPL12</i>	-0.003786883	0.031297686	0.664777876	1
HTN	pericyte	<i>RPL29</i>	-0.003964693	0.038979898	0.668294704	1
HTN	pericyte	<i>RPS11</i>	-0.002747046	0.031341768	0.664777876	1
HTN	pericyte	<i>RPS13</i>	-0.00701815	0.039923228	0.668294704	1
HTN	pericyte	<i>RPS18</i>	-0.002898086	0.030965286	0.664777876	1

HTN	pericyte	<i>RPS3</i>	-0.003586854	0.035674881	0.664777876	1
HTN	pericyte	<i>RPSA</i>	-0.006281876	0.032765886	0.664777876	1
HTN	pericyte	<i>RTN4</i>	0.003130548	0.005009881	0.482887853	1
HTN	pericyte	<i>SI00A10</i>	0.002305372	0.014828171	0.566704057	1
HTN	pericyte	<i>SAMD9</i>	-0.00613185	0.011301458	0.545802852	1
HTN	pericyte	<i>SAMM50</i>	-0.014215351	0.004141632	0.450007154	1
HTN	pericyte	<i>SDCCAG8</i>	0.002023615	0.00839392	0.519244255	1
HTN	pericyte	<i>SEL1L3</i>	-0.001775973	0.011555304	0.545802852	1
HTN	pericyte	<i>SEMA4D</i>	-0.002239252	0.011892134	0.546672257	1
HTN	pericyte	<i>SENP3</i>	-0.016708337	0.039470935	0.668294704	1
HTN	pericyte	<i>SENP7</i>	-0.002315743	0.017247838	0.594052162	1
HTN	pericyte	<i>Sep-01</i>	-0.008184548	0.023728855	0.632520986	1
HTN	pericyte	<i>SFMBT1</i>	-0.009894923	0.021867867	0.625143801	1
HTN	pericyte	<i>SH3BGR13</i>	-0.004522369	0.007146841	0.508476868	1
HTN	pericyte	<i>SH3BP1</i>	-0.009554246	0.034297446	0.664777876	1
HTN	pericyte	<i>SHB</i>	0.030746795	0.048537905	0.692445927	1
HTN	pericyte	<i>SLC18A2</i>	0.001991957	0.012934795	0.560132877	1
HTN	pericyte	<i>SLC19A3</i>	0.002147498	0.037388806	0.664777876	1
HTN	pericyte	<i>SLC20A1</i>	-0.004252518	0.045761271	0.68710893	1
HTN	pericyte	<i>SLC22A1</i>	-0.015347168	0.044326649	0.683485172	1
HTN	pericyte	<i>SLC22A16</i>	0.040652983	0.039295569	0.668294704	1
HTN	pericyte	<i>SLC25A51</i>	0.022611133	0.021051914	0.625030879	1
HTN	pericyte	<i>SLC39A9</i>	-0.005646949	0.048447119	0.692445927	1
HTN	pericyte	<i>SLC44A2</i>	-0.004951146	0.003144966	0.39870107	1
HTN	pericyte	<i>SLC44A5</i>	-0.010554234	0.039228846	0.668294704	1
HTN	pericyte	<i>SLC9A3R1</i>	-0.006199425	0.037080268	0.664777876	1
HTN	pericyte	<i>SLCO3A1</i>	-0.001033386	0.039769702	0.668294704	1
HTN	pericyte	<i>SLFN12L</i>	-0.001590178	0.017329754	0.594052162	1
HTN	pericyte	<i>SMCHD1</i>	-0.000962622	0.007193156	0.508476868	1
HTN	pericyte	<i>SNX27</i>	-0.003486071	0.042200667	0.681318215	1
HTN	pericyte	<i>SP100</i>	-0.001834394	0.018982495	0.598878396	1
HTN	pericyte	<i>SP110</i>	-0.0036737	0.00235357	0.39870107	1
HTN	pericyte	<i>SP140L</i>	-0.003923441	0.013481073	0.564036264	1
HTN	pericyte	<i>SPATA1</i>	0.004068644	0.027950668	0.657611002	1
HTN	pericyte	<i>SPATA7</i>	0.006917206	0.00664573	0.508476868	1
HTN	pericyte	<i>SPRN</i>	-0.012365317	0.034834324	0.664777876	1
HTN	pericyte	<i>SRGAP1</i>	0.003337797	0.00719966	0.508476868	1
HTN	pericyte	<i>SRPK2</i>	-0.001561411	0.000442324	0.264332841	1
HTN	pericyte	<i>SSNA1</i>	-0.007779643	0.01426739	0.566704057	1
HTN	pericyte	<i>ST18</i>	0.008445652	0.048190669	0.692445927	1
HTN	pericyte	<i>ST3GAL6</i>	0.00992135	3.27E-07	0.001952876	0.001952876
HTN	pericyte	<i>STAT4</i>	-0.001820376	0.007966662	0.517486641	1
HTN	pericyte	<i>STIM2</i>	-0.004223165	0.005957871	0.508476868	1
HTN	pericyte	<i>STK17A</i>	-0.002912342	0.002854763	0.39870107	1
HTN	pericyte	<i>STOX1</i>	0.007139939	0.030759299	0.664777876	1
HTN	pericyte	<i>STXBP6</i>	0.002064908	0.040670049	0.674373556	1
HTN	pericyte	<i>SULT1B1</i>	-0.011608111	0.03024317	0.664777876	1
HTN	pericyte	<i>TACC2</i>	0.004927611	0.012457107	0.557194591	1
HTN	pericyte	<i>TAF10</i>	-0.01297736	0.010229826	0.536258237	1
HTN	pericyte	<i>TAP1</i>	-0.011685739	0.001336356	0.332752753	1
HTN	pericyte	<i>TAPBP</i>	-0.004792614	0.003284326	0.39870107	1
HTN	pericyte	<i>TBC1D10C</i>	-0.006846165	0.003131453	0.39870107	1

HTN	pericyte	<i>TBC1D22A</i>	-0.002044144	0.009724139	0.535268282	1
HTN	pericyte	<i>TBC1D4</i>	0.003676171	0.010732861	0.545802852	1
HTN	pericyte	<i>TCAIM</i>	0.004731485	0.029261168	0.659866952	1
HTN	pericyte	<i>TCF3</i>	-0.007870552	0.028967404	0.658719137	1
HTN	pericyte	<i>TDP2</i>	-0.009616232	0.00590159	0.508476868	1
HTN	pericyte	<i>TEF</i>	0.010676009	0.023809219	0.632520986	1
HTN	pericyte	<i>TEKT3</i>	0.012926647	0.049654385	0.698199069	1
HTN	pericyte	<i>TES</i>	-0.00677319	0.016938727	0.594052162	1
HTN	pericyte	<i>TFEB</i>	-0.004975722	0.02008852	0.618809267	1
HTN	pericyte	<i>TGOLN2</i>	-0.002674791	0.045331594	0.685107255	1
HTN	pericyte	<i>TICAM2</i>	0.058759507	0.006021595	0.508476868	1
HTN	pericyte	<i>TIPIN</i>	0.011630919	0.00568302	0.508476868	1
HTN	pericyte	<i>TMCC2</i>	0.021234643	0.027059352	0.652724009	1
HTN	pericyte	<i>TMCC3</i>	-0.003705312	0.044307663	0.683485172	1
HTN	pericyte	<i>TMEFF2</i>	0.003624856	0.031714894	0.664777876	1
HTN	pericyte	<i>TMEM123</i>	-0.004493448	0.034879315	0.664777876	1
HTN	pericyte	<i>TMEM127</i>	-0.008719939	0.031542282	0.664777876	1
HTN	pericyte	<i>TMEM2</i>	-0.003651553	0.004747098	0.47281101	1
HTN	pericyte	<i>TPD52</i>	-0.002056448	0.020736376	0.625030879	1
HTN	pericyte	<i>TRIM22</i>	-0.003182743	0.032227414	0.664777876	1
HTN	pericyte	<i>TRIM5</i>	-0.004561062	0.004736448	0.47281101	1
HTN	pericyte	<i>TRIM63</i>	0.009657161	0.026719053	0.652724009	1
HTN	pericyte	<i>TTC32</i>	0.012017408	0.032792728	0.664777876	1
HTN	pericyte	<i>TTC7B</i>	0.003778019	0.002939542	0.39870107	1
HTN	pericyte	<i>TUSC5</i>	0.008164969	0.009822285	0.535268282	1
HTN	pericyte	<i>UBA52</i>	-0.002496681	0.045513317	0.685107255	1
HTN	pericyte	<i>UBASH3B</i>	-0.003785917	0.042703332	0.681318215	1
HTN	pericyte	<i>UBE3B</i>	0.004769121	0.0164746	0.593085609	1
HTN	pericyte	<i>UBXN2B</i>	-0.005652034	0.045012388	0.683485172	1
HTN	pericyte	<i>UCP3</i>	0.043780084	0.036844249	0.664777876	1
HTN	pericyte	<i>USB1</i>	-0.014881644	0.029058093	0.658719137	1
HTN	pericyte	<i>USP15</i>	-0.001178772	0.037650771	0.664777876	1
HTN	pericyte	<i>USP40</i>	0.004208444	0.042867411	0.681318215	1
HTN	pericyte	<i>USP53</i>	0.002373082	0.020652035	0.625030879	1
HTN	pericyte	<i>USP6</i>	-0.02263807	0.049013492	0.692445927	1
HTN	pericyte	<i>VAMP4</i>	0.006747012	0.048793227	0.692445927	1
HTN	pericyte	<i>VAV3</i>	-0.001740463	0.019154416	0.598878396	1
HTN	pericyte	<i>VNN2</i>	-0.002567022	0.046854551	0.687194839	1
HTN	pericyte	<i>VSIG10</i>	0.006622577	0.03467474	0.664777876	1
HTN	pericyte	<i>WDR41</i>	0.005122244	0.02596338	0.652724009	1
HTN	pericyte	<i>WIPF1</i>	-0.001695067	0.016727192	0.594052162	1
HTN	pericyte	<i>WNT2B</i>	0.006508418	0.019012434	0.598878396	1
HTN	pericyte	<i>XPO6</i>	-0.001583596	0.015013822	0.567864568	1
HTN	pericyte	<i>XRCC5</i>	-0.003308008	0.040897589	0.674373556	1
HTN	pericyte	<i>YPEL1</i>	-0.005733514	0.040788269	0.674373556	1
HTN	pericyte	<i>ZFHX3</i>	0.001741355	0.021591682	0.625143801	1
HTN	pericyte	<i>ZNF200</i>	-0.014159947	0.025652041	0.652724009	1
HTN	pericyte	<i>ZNF263</i>	-0.006002279	0.047537794	0.689528783	1
HTN	pericyte	<i>ZNF285</i>	-0.022117625	0.046935728	0.687194839	1
HTN	pericyte	<i>ZNF415</i>	0.022350879	0.046173235	0.687194839	1
HTN	pericyte	<i>ZNF525</i>	-0.014520405	0.046128023	0.687194839	1
HTN	pericyte	<i>ZNF547</i>	0.044455396	0.033540062	0.664777876	1

HTN	pericyte	<i>ZNF600</i>	-0.006065767	0.046640838	0.687194839	1
HTN	pericyte	<i>ZNF704</i>	0.002014694	0.00841071	0.519244255	1
HTN	pericyte	<i>ZSCAN30</i>	0.004256979	0.02290955	0.630910013	1
HTN	pericyte	<i>LEFTY1</i>	0.153577026	0.014223709	0.566704057	1
HTN	pericyte	<i>KIR3DL1</i>	-0.03789299	0.023924949	0.632520986	1
Heart_Failure	adipocyte	<i>A4GALT</i>	0.005005645	0.018428519	0.313022857	1
Heart_Failure	adipocyte	<i>A4GNT</i>	0.043940923	0.03478401	0.346795782	1
Heart_Failure	adipocyte	<i>AADAC</i>	0.01016714	0.046401195	0.370532004	1
Heart_Failure	adipocyte	<i>AADAT</i>	0.007180806	0.012153514	0.300121492	1
Heart_Failure	adipocyte	<i>AASDH</i>	0.004941472	0.006669563	0.274176107	1
Heart_Failure	adipocyte	<i>ABCA7</i>	-0.00332708	0.018402429	0.313022857	1
Heart_Failure	adipocyte	<i>ABCA8</i>	0.000945155	0.014738653	0.311202333	1
Heart_Failure	adipocyte	<i>ABCF3</i>	0.009893947	0.034713519	0.346795782	1
Heart_Failure	adipocyte	<i>ABCG5</i>	0.012854333	0.019798872	0.313022857	1
Heart_Failure	adipocyte	<i>ABHD11</i>	0.009228056	0.048497509	0.373118697	1
Heart_Failure	adipocyte	<i>ABHD3</i>	-0.002297571	0.006268208	0.274176107	1
Heart_Failure	adipocyte	<i>ABLM2</i>	0.004662492	0.017310431	0.311477754	1
Heart_Failure	adipocyte	<i>ABTB1</i>	-0.002532971	0.040069765	0.35636211	1
Heart_Failure	adipocyte	<i>AC084018.1</i>	0.014120746	0.016840429	0.311477754	1
Heart_Failure	adipocyte	<i>AC093901.1</i>	0.011229966	0.027533868	0.333799385	1
Heart_Failure	adipocyte	<i>AC107021.1</i>	0.00293895	0.017923243	0.313022857	1
Heart_Failure	adipocyte	<i>ACADS</i>	0.004620534	0.024807781	0.318135838	1
Heart_Failure	adipocyte	<i>ACADVL</i>	0.002324518	0.007949017	0.285819678	1
Heart_Failure	adipocyte	<i>ACKR4</i>	0.006242742	0.004502355	0.263173565	1
Heart_Failure	adipocyte	<i>ACOT4</i>	0.01301407	0.038134554	0.353869708	1
Heart_Failure	adipocyte	<i>ACSS3</i>	0.001999498	0.014790263	0.311202333	1
Heart_Failure	adipocyte	<i>ACTR3</i>	-0.001418918	0.024515567	0.318135838	1
Heart_Failure	adipocyte	<i>ACVR1C</i>	0.001614284	0.021035731	0.314171756	1
Heart_Failure	adipocyte	<i>ADAM33</i>	0.002817412	0.023728702	0.318135838	1
Heart_Failure	adipocyte	<i>ADAM8</i>	-0.004991472	0.02018378	0.313022857	1
Heart_Failure	adipocyte	<i>ADAMTS12</i>	0.001148895	0.00727222	0.280379276	1
Heart_Failure	adipocyte	<i>ADAMTSL3</i>	0.001416036	0.015838039	0.311477754	1
Heart_Failure	adipocyte	<i>ADAT2</i>	0.00383818	0.043156431	0.362172975	1
Heart_Failure	adipocyte	<i>ADCY10</i>	0.010101938	0.019587577	0.313022857	1
Heart_Failure	adipocyte	<i>ADH1A</i>	0.016973717	0.009841657	0.288809259	1
Heart_Failure	adipocyte	<i>ADH1B</i>	0.00101534	0.036603743	0.349431256	1
Heart_Failure	adipocyte	<i>ADH4</i>	0.013660824	0.001621105	0.263173565	1
Heart_Failure	adipocyte	<i>ADPRHL1</i>	0.015296803	0.049622673	0.373118697	1
Heart_Failure	adipocyte	<i>ADSS</i>	-0.003534281	0.009983151	0.288809259	1
Heart_Failure	adipocyte	<i>AGTPBP1</i>	-0.001818248	0.003055949	0.263173565	1
Heart_Failure	adipocyte	<i>AHSA2</i>	0.002094274	0.018346029	0.313022857	1
Heart_Failure	adipocyte	<i>AIG1</i>	0.00395652	0.005202189	0.263173565	1
Heart_Failure	adipocyte	<i>AK3</i>	0.00269047	0.047105538	0.371375589	1
Heart_Failure	adipocyte	<i>AKRIC3</i>	0.004146368	0.016900453	0.311477754	1
Heart_Failure	adipocyte	<i>ALDH7A1</i>	0.004768329	0.006095721	0.274176107	1
Heart_Failure	adipocyte	<i>ALPK1</i>	-0.001410075	0.018697869	0.313022857	1
Heart_Failure	adipocyte	<i>AMT</i>	0.006557059	0.048542451	0.373118697	1
Heart_Failure	adipocyte	<i>AMZ2</i>	0.006033108	0.020082824	0.313022857	1
Heart_Failure	adipocyte	<i>ANGPTL5</i>	0.012402688	0.003056053	0.263173565	1
Heart_Failure	adipocyte	<i>ANKRD26</i>	0.004554145	0.000996403	0.263173565	1
Heart_Failure	adipocyte	<i>ANKRD44</i>	-0.000672599	0.001527455	0.263173565	1
Heart_Failure	adipocyte	<i>ANO3</i>	0.001938869	0.028516186	0.336119778	1

Heart_Failure	adipocyte	<i>ANO4</i>	0.004844529	0.03300258	0.344796182	1
Heart_Failure	adipocyte	<i>APTX</i>	0.003605862	0.009735257	0.288809259	1
Heart_Failure	adipocyte	<i>AQP3</i>	-0.009352215	0.004167604	0.263173565	1
Heart_Failure	adipocyte	<i>ARHGAP9</i>	-0.004851372	0.000142208	0.263173565	0.849837361
Heart_Failure	adipocyte	<i>ARHGDIB</i>	-0.001857312	0.016075276	0.311477754	1
Heart_Failure	adipocyte	<i>ARHGEF37</i>	0.005360968	0.003063462	0.263173565	1
Heart_Failure	adipocyte	<i>ARL17B</i>	0.003858478	0.020009559	0.313022857	1
Heart_Failure	adipocyte	<i>ARL6IP1</i>	0.003343184	0.036415949	0.349431256	1
Heart_Failure	adipocyte	<i>ARPC2</i>	-0.000982008	0.025447858	0.323566809	1
Heart_Failure	adipocyte	<i>ASAH2B</i>	0.013186306	0.014674046	0.311202333	1
Heart_Failure	adipocyte	<i>ASAP1</i>	-0.000918041	0.037277803	0.351629902	1
Heart_Failure	adipocyte	<i>ASAP2</i>	0.001906474	0.00905402	0.288809259	1
Heart_Failure	adipocyte	<i>ASCC1</i>	0.004835477	0.006747763	0.274317207	1
Heart_Failure	adipocyte	<i>ATG7</i>	-0.000745862	0.040682213	0.356583761	1
Heart_Failure	adipocyte	<i>ATP5C1</i>	0.004375001	0.010667237	0.288809259	1
Heart_Failure	adipocyte	<i>ATXN3</i>	0.001091694	0.038288054	0.354224746	1
Heart_Failure	adipocyte	<i>AUTS2</i>	0.000564251	0.030712676	0.341610033	1
Heart_Failure	adipocyte	<i>AVPII</i>	0.010063073	0.019437342	0.313022857	1
Heart_Failure	adipocyte	<i>B3GNTL1</i>	-0.003852553	0.036020303	0.348877358	1
Heart_Failure	adipocyte	<i>BAIAP2L2</i>	0.003636237	0.023435112	0.3177486	1
Heart_Failure	adipocyte	<i>BARX1</i>	0.004263089	0.022847121	0.3177486	1
Heart_Failure	adipocyte	<i>BASP1</i>	-0.001010397	0.03511378	0.346795782	1
Heart_Failure	adipocyte	<i>BBS9</i>	0.001571764	0.014039453	0.311202333	1
Heart_Failure	adipocyte	<i>BCHE</i>	0.010976709	0.00603107	0.274176107	1
Heart_Failure	adipocyte	<i>BDH2</i>	0.005826321	0.000538019	0.263173565	1
Heart_Failure	adipocyte	<i>BEND6</i>	0.008996343	0.032713611	0.344248328	1
Heart_Failure	adipocyte	<i>BIVM</i>	0.007477618	0.012646948	0.304750655	1
Heart_Failure	adipocyte	<i>BMP1</i>	0.005307447	0.004925119	0.263173565	1
Heart_Failure	adipocyte	<i>BMPR1A</i>	0.000920756	0.022235498	0.3177486	1
Heart_Failure	adipocyte	<i>BNIP1</i>	0.007724501	0.016889931	0.311477754	1
Heart_Failure	adipocyte	<i>BOC</i>	0.002019176	0.033391118	0.345345032	1
Heart_Failure	adipocyte	<i>BOD1L1</i>	-0.002172735	0.034935414	0.346795782	1
Heart_Failure	adipocyte	<i>BOK</i>	0.006108759	0.004237889	0.263173565	1
Heart_Failure	adipocyte	<i>BPHL</i>	0.00468754	0.028484927	0.336119778	1
Heart_Failure	adipocyte	<i>BTBD3</i>	0.00441505	0.012817985	0.306401115	1
Heart_Failure	adipocyte	<i>BTBD6</i>	0.009304983	0.004530453	0.263173565	1
Heart_Failure	adipocyte	<i>C11orf24</i>	0.006636846	0.02810605	0.335665976	1
Heart_Failure	adipocyte	<i>C11orf74</i>	0.006739969	0.01231896	0.301936347	1
Heart_Failure	adipocyte	<i>C12orf60</i>	0.007056929	0.007649032	0.28497028	1
Heart_Failure	adipocyte	<i>C14orf178</i>	0.019337789	0.019060387	0.313022857	1
Heart_Failure	adipocyte	<i>C15orf61</i>	-0.006791368	0.0379748	0.353485054	1
Heart_Failure	adipocyte	<i>C17orf58</i>	0.003892887	0.041815044	0.36015346	1
Heart_Failure	adipocyte	<i>C18orf32</i>	0.005273571	0.030815243	0.341610033	1
Heart_Failure	adipocyte	<i>C19orf12</i>	0.004015519	0.015206004	0.311202333	1
Heart_Failure	adipocyte	<i>C19orf18</i>	0.009701596	0.005041407	0.263173565	1
Heart_Failure	adipocyte	<i>C19orf44</i>	0.00823503	0.004828885	0.263173565	1
Heart_Failure	adipocyte	<i>C1QL3</i>	0.011447334	0.011997015	0.299961469	1
Heart_Failure	adipocyte	<i>C1QTNF7</i>	0.002843166	0.004657664	0.263173565	1
Heart_Failure	adipocyte	<i>C20orf203</i>	0.018991642	0.039944816	0.35636211	1
Heart_Failure	adipocyte	<i>C2CD2</i>	0.002739657	0.011989899	0.299961469	1
Heart_Failure	adipocyte	<i>C2orf40</i>	0.005970436	0.049943038	0.373118697	1
Heart_Failure	adipocyte	<i>C2orf88</i>	0.0036404	0.005987117	0.274176107	1

Heart_Failure	adipocyte	<i>C5</i>	0.004622161	0.030352058	0.340307505	1
Heart_Failure	adipocyte	<i>C5AR1</i>	-0.001186284	0.024550442	0.318135838	1
Heart_Failure	adipocyte	<i>C5orf42</i>	0.001994449	0.020168755	0.313022857	1
Heart_Failure	adipocyte	<i>C6</i>	0.003502322	0.003933396	0.263173565	1
Heart_Failure	adipocyte	<i>C7</i>	0.00534058	0.019407702	0.313022857	1
Heart_Failure	adipocyte	<i>C8orf33</i>	0.00331576	0.040807928	0.356583761	1
Heart_Failure	adipocyte	<i>C8orf46</i>	0.006437063	0.028215806	0.335665976	1
Heart_Failure	adipocyte	<i>C9orf64</i>	0.011016089	0.009811093	0.288809259	1
Heart_Failure	adipocyte	<i>C9orf66</i>	-0.00914444	0.001541488	0.263173565	1
Heart_Failure	adipocyte	<i>CACNA2D1</i>	0.001114268	0.006979253	0.279919572	1
Heart_Failure	adipocyte	<i>CACNB3</i>	0.012674026	0.022568478	0.3177486	1
Heart_Failure	adipocyte	<i>CAMSAP2</i>	0.002555963	0.003759104	0.263173565	1
Heart_Failure	adipocyte	<i>CAP2</i>	0.002141259	0.046441666	0.370532004	1
Heart_Failure	adipocyte	<i>CAPZA1</i>	-0.001467998	0.00997607	0.288809259	1
Heart_Failure	adipocyte	<i>CAPZA2</i>	-0.002541864	0.03646946	0.349431256	1
Heart_Failure	adipocyte	<i>CARNS1</i>	0.012431765	0.049636207	0.373118697	1
Heart_Failure	adipocyte	<i>CAT</i>	0.002298547	0.007967433	0.285819678	1
Heart_Failure	adipocyte	<i>CBL</i>	-0.002185146	0.005392608	0.263173565	1
Heart_Failure	adipocyte	<i>CBR3</i>	0.003998392	0.03018142	0.339700664	1
Heart_Failure	adipocyte	<i>CBX8</i>	0.02771844	0.037653054	0.352929213	1
Heart_Failure	adipocyte	<i>CCDC102B</i>	0.00158551	0.027377147	0.333209432	1
Heart_Failure	adipocyte	<i>CCDC13</i>	0.014047982	0.013763383	0.311202333	1
Heart_Failure	adipocyte	<i>CCDC171</i>	0.004307922	0.011740909	0.296534832	1
Heart_Failure	adipocyte	<i>CCDC36</i>	0.004889066	0.005599016	0.263462353	1
Heart_Failure	adipocyte	<i>CCDC40</i>	0.007405108	0.022214092	0.3177486	1
Heart_Failure	adipocyte	<i>CCDC50</i>	0.003476284	0.009292428	0.288809259	1
Heart_Failure	adipocyte	<i>CCDC74A</i>	0.013947975	0.04879664	0.373118697	1
Heart_Failure	adipocyte	<i>CCDC92</i>	0.002761669	0.043113079	0.362172975	1
Heart_Failure	adipocyte	<i>CCL24</i>	0.024741982	0.033869618	0.345991179	1
Heart_Failure	adipocyte	<i>CD14</i>	-0.002901617	0.003872677	0.263173565	1
Heart_Failure	adipocyte	<i>CDA</i>	-0.00314078	0.018883708	0.313022857	1
Heart_Failure	adipocyte	<i>CDC42BPA</i>	0.000956132	0.021092466	0.314171756	1
Heart_Failure	adipocyte	<i>CDHR3</i>	0.003091179	0.00248625	0.263173565	1
Heart_Failure	adipocyte	<i>CDON</i>	0.001853463	0.012898405	0.307095104	1
Heart_Failure	adipocyte	<i>CEACAM4</i>	-0.008638831	0.00216545	0.263173565	1
Heart_Failure	adipocyte	<i>CECR2</i>	0.004695184	0.002617263	0.263173565	1
Heart_Failure	adipocyte	<i>CENPC</i>	0.001471931	0.046259003	0.370532004	1
Heart_Failure	adipocyte	<i>CENPV</i>	0.006534873	0.027247521	0.33230854	1
Heart_Failure	adipocyte	<i>CEP112</i>	0.001259981	0.010109408	0.288809259	1
Heart_Failure	adipocyte	<i>CEP290</i>	0.002369817	0.038934661	0.355045486	1
Heart_Failure	adipocyte	<i>CERCAM</i>	0.006021606	0.030932273	0.341610033	1
Heart_Failure	adipocyte	<i>CHI3L1</i>	-0.003799287	0.027924355	0.335665976	1
Heart_Failure	adipocyte	<i>CHPF</i>	0.009733716	0.043380771	0.362578307	1
Heart_Failure	adipocyte	<i>CHRNE</i>	0.027112485	0.025841326	0.325390246	1
Heart_Failure	adipocyte	<i>CHST11</i>	-0.000758	0.000850938	0.263173565	1
Heart_Failure	adipocyte	<i>CHST2</i>	0.006823312	0.049918938	0.373118697	1
Heart_Failure	adipocyte	<i>CIDEA</i>	0.003090372	0.026106957	0.325390246	1
Heart_Failure	adipocyte	<i>CILP2</i>	0.04981235	0.010444826	0.288809259	1
Heart_Failure	adipocyte	<i>CLDN11</i>	0.002331613	0.04200726	0.360369341	1
Heart_Failure	adipocyte	<i>CLEC4E</i>	-0.002095512	0.009291215	0.288809259	1
Heart_Failure	adipocyte	<i>CLEC4G</i>	0.028156181	0.006694282	0.274176107	1
Heart_Failure	adipocyte	<i>CMTM4</i>	0.007073266	0.018035281	0.313022857	1

Heart_Failure	adipocyte	<i>CNBD2</i>	0.005800172	0.020574461	0.313022857	1
Heart_Failure	adipocyte	<i>CNDP1</i>	0.017219014	0.032954058	0.344796182	1
Heart_Failure	adipocyte	<i>CNTN2</i>	0.017067282	0.016709396	0.311477754	1
Heart_Failure	adipocyte	<i>COBLL1</i>	0.000857858	0.04490599	0.368662258	1
Heart_Failure	adipocyte	<i>COL12A1</i>	0.002127766	0.003534367	0.263173565	1
Heart_Failure	adipocyte	<i>COL15A1</i>	0.002081701	0.033459634	0.345345032	1
Heart_Failure	adipocyte	<i>COL16A1</i>	0.004493075	0.011354789	0.292483712	1
Heart_Failure	adipocyte	<i>COL24A1</i>	0.005752346	0.000808345	0.263173565	1
Heart_Failure	adipocyte	<i>COL28A1</i>	0.008882201	0.048583347	0.373118697	1
Heart_Failure	adipocyte	<i>COPG2</i>	0.004016215	0.009900023	0.288809259	1
Heart_Failure	adipocyte	<i>COTL1</i>	-0.002208364	0.013130844	0.310157803	1
Heart_Failure	adipocyte	<i>COX14</i>	0.004275585	0.01458703	0.311202333	1
Heart_Failure	adipocyte	<i>COX7A2L</i>	0.002700109	0.03648902	0.349431256	1
Heart_Failure	adipocyte	<i>CPNE3</i>	0.003227577	0.041885317	0.36015346	1
Heart_Failure	adipocyte	<i>CPPED1</i>	-0.000811883	0.005817087	0.269479953	1
Heart_Failure	adipocyte	<i>CREB3L1</i>	0.008964817	0.020816433	0.314059083	1
Heart_Failure	adipocyte	<i>CRMP1</i>	0.005478396	0.005403792	0.263173565	1
Heart_Failure	adipocyte	<i>CTBS</i>	-0.002608052	0.017104618	0.311477754	1
Heart_Failure	adipocyte	<i>CTDNEP1</i>	-0.008277553	0.039449498	0.355045486	1
Heart_Failure	adipocyte	<i>CTNNA1</i>	0.00187296	0.023237027	0.3177486	1
Heart_Failure	adipocyte	<i>CTNNAL1</i>	0.004637204	0.024663912	0.318135838	1
Heart_Failure	adipocyte	<i>CTNS</i>	0.005225404	0.004908051	0.263173565	1
Heart_Failure	adipocyte	<i>CTSS</i>	-0.000864847	0.008218329	0.287208979	1
Heart_Failure	adipocyte	<i>CTSZ</i>	-0.002984489	0.02944099	0.338749277	1
Heart_Failure	adipocyte	<i>CUX1</i>	-0.001335321	0.010126119	0.288809259	1
Heart_Failure	adipocyte	<i>CXCL13</i>	0.010471997	0.042293967	0.361392048	1
Heart_Failure	adipocyte	<i>CYB5RL</i>	0.011877845	0.008081132	0.286572233	1
Heart_Failure	adipocyte	<i>CYGB</i>	0.006250576	0.035766943	0.348070616	1
Heart_Failure	adipocyte	<i>CYP27C1</i>	0.009907275	0.019097637	0.313022857	1
Heart_Failure	adipocyte	<i>CYP4X1</i>	0.003671756	0.024230149	0.318135838	1
Heart_Failure	adipocyte	<i>CYP8B1</i>	0.005195633	0.021344127	0.314171756	1
Heart_Failure	adipocyte	<i>CYTH1</i>	-0.000787244	0.041029448	0.357944497	1
Heart_Failure	adipocyte	<i>D2HGDH</i>	0.005605278	0.010898504	0.290756523	1
Heart_Failure	adipocyte	<i>DCBLD2</i>	0.002853582	0.008294718	0.288193225	1
Heart_Failure	adipocyte	<i>DCLK2</i>	0.00322523	0.021079812	0.314171756	1
Heart_Failure	adipocyte	<i>DDX51</i>	0.00812125	0.047954521	0.373118697	1
Heart_Failure	adipocyte	<i>DEFB1</i>	0.012046434	0.039176707	0.355045486	1
Heart_Failure	adipocyte	<i>DFNA5</i>	0.008080867	0.015110871	0.311202333	1
Heart_Failure	adipocyte	<i>DHX34</i>	-0.002642848	0.004145439	0.263173565	1
Heart_Failure	adipocyte	<i>DIRC3</i>	0.001254475	0.01068053	0.288809259	1
Heart_Failure	adipocyte	<i>DISC1</i>	-0.001250793	0.042331733	0.361392048	1
Heart_Failure	adipocyte	<i>DMGDH</i>	0.003514202	0.023501486	0.3177486	1
Heart_Failure	adipocyte	<i>DMPK</i>	0.003978429	0.029087509	0.338306035	1
Heart_Failure	adipocyte	<i>DMTN</i>	0.006037987	0.040733322	0.356583761	1
Heart_Failure	adipocyte	<i>DNAH7</i>	0.00709159	0.031317365	0.343399213	1
Heart_Failure	adipocyte	<i>DNAJB12</i>	0.006294768	0.001025714	0.263173565	1
Heart_Failure	adipocyte	<i>DNAL1</i>	0.004150892	0.026610335	0.328396676	1
Heart_Failure	adipocyte	<i>DNLZ</i>	0.050475711	0.03273996	0.344248328	1
Heart_Failure	adipocyte	<i>DOCK1</i>	0.001079356	0.012361209	0.301936347	1
Heart_Failure	adipocyte	<i>DOCK5</i>	-0.000439351	0.034413559	0.346795782	1
Heart_Failure	adipocyte	<i>DOCK8</i>	-0.00058537	0.008987619	0.288809259	1
Heart_Failure	adipocyte	<i>DPYD</i>	-0.000652117	0.037204411	0.351629902	1

Heart_Failure	adipocyte	<i>DSP</i>	0.006006017	0.034740822	0.346795782	1
Heart_Failure	adipocyte	<i>DTWD1</i>	0.002890203	0.016685542	0.311477754	1
Heart_Failure	adipocyte	<i>DTX1</i>	0.005150526	0.023309339	0.3177486	1
Heart_Failure	adipocyte	<i>DTYMK</i>	0.011329027	0.020492787	0.313022857	1
Heart_Failure	adipocyte	<i>DUSP22</i>	-0.003049065	0.009001608	0.288809259	1
Heart_Failure	adipocyte	<i>DYNC2LI1</i>	0.002764584	0.019411654	0.313022857	1
Heart_Failure	adipocyte	<i>ECHDC2</i>	0.001279846	0.043929583	0.365530138	1
Heart_Failure	adipocyte	<i>ECM2</i>	0.002375379	0.004047489	0.263173565	1
Heart_Failure	adipocyte	<i>EFCAB12</i>	0.02485871	0.014021038	0.311202333	1
Heart_Failure	adipocyte	<i>EFCAB13</i>	0.002868966	0.008469492	0.288809259	1
Heart_Failure	adipocyte	<i>EFCAB2</i>	0.002368671	0.048250679	0.373118697	1
Heart_Failure	adipocyte	<i>EFCAB6</i>	0.004733399	0.017288873	0.311477754	1
Heart_Failure	adipocyte	<i>EFCC1</i>	0.008271198	0.003923794	0.263173565	1
Heart_Failure	adipocyte	<i>EFEMP1</i>	0.001512833	0.010318977	0.288809259	1
Heart_Failure	adipocyte	<i>EGFR</i>	0.001398114	0.005085124	0.263173565	1
Heart_Failure	adipocyte	<i>ELL</i>	-0.002378089	0.017721291	0.311477754	1
Heart_Failure	adipocyte	<i>ELP5</i>	0.006908341	0.004133324	0.263173565	1
Heart_Failure	adipocyte	<i>EML1</i>	0.004263457	0.015167379	0.311202333	1
Heart_Failure	adipocyte	<i>EMP1</i>	0.001227118	0.048905446	0.373118697	1
Heart_Failure	adipocyte	<i>EPB41</i>	-0.001087784	0.015724107	0.311477754	1
Heart_Failure	adipocyte	<i>EPHB1</i>	-0.000727888	0.019517279	0.313022857	1
Heart_Failure	adipocyte	<i>ERGIC2</i>	-0.003999119	0.006583143	0.274176107	1
Heart_Failure	adipocyte	<i>ERI2</i>	0.004242187	0.018773552	0.313022857	1
Heart_Failure	adipocyte	<i>ETFDH</i>	0.002819746	0.009104609	0.288809259	1
Heart_Failure	adipocyte	<i>EZH1</i>	0.002743453	0.01542457	0.311298598	1
Heart_Failure	adipocyte	<i>F11R</i>	0.008668329	0.014458746	0.311202333	1
Heart_Failure	adipocyte	<i>FAAH</i>	0.011404658	0.0032972	0.263173565	1
Heart_Failure	adipocyte	<i>FAM126A</i>	0.001589197	0.02920252	0.338749277	1
Heart_Failure	adipocyte	<i>FAM161A</i>	0.011193171	0.023242315	0.3177486	1
Heart_Failure	adipocyte	<i>FAM193B</i>	0.003459508	0.037304779	0.351629902	1
Heart_Failure	adipocyte	<i>FAM219B</i>	0.003378374	0.029532519	0.338749277	1
Heart_Failure	adipocyte	<i>FAM229B</i>	0.008481876	0.014860353	0.311202333	1
Heart_Failure	adipocyte	<i>FAM47E</i>	0.012338339	0.011257983	0.292483712	1
Heart_Failure	adipocyte	<i>FAM47E-STBD1</i>	0.015944705	0.011336804	0.292483712	1
Heart_Failure	adipocyte	<i>FAM89A</i>	0.004566197	0.049925267	0.373118697	1
Heart_Failure	adipocyte	<i>FARSA</i>	0.005313164	0.003701557	0.263173565	1
Heart_Failure	adipocyte	<i>FAXDC2</i>	0.002697992	0.02025785	0.313022857	1
Heart_Failure	adipocyte	<i>FBLIM1</i>	0.006614729	0.034667278	0.346795782	1
Heart_Failure	adipocyte	<i>FBLN7</i>	0.006138	0.014912665	0.311202333	1
Heart_Failure	adipocyte	<i>FBXO17</i>	0.003716176	0.02605142	0.325390246	1
Heart_Failure	adipocyte	<i>FBXO31</i>	0.005097232	0.014637812	0.311202333	1
Heart_Failure	adipocyte	<i>FCAR</i>	-0.003929783	0.014784512	0.311202333	1
Heart_Failure	adipocyte	<i>FCRLB</i>	0.014538282	0.008996302	0.288809259	1
Heart_Failure	adipocyte	<i>FDPS</i>	0.00508932	0.002616231	0.263173565	1
Heart_Failure	adipocyte	<i>FGF10</i>	0.003394697	0.034842311	0.346795782	1
Heart_Failure	adipocyte	<i>FGFR1</i>	0.001448193	0.015537933	0.311298598	1
Heart_Failure	adipocyte	<i>FHOD3</i>	0.002489289	0.034039842	0.346545307	1
Heart_Failure	adipocyte	<i>FILIP1</i>	0.001543878	0.033456926	0.345345032	1
Heart_Failure	adipocyte	<i>FJX1</i>	-0.017923999	0.009746908	0.288809259	1
Heart_Failure	adipocyte	<i>FKBP10</i>	0.005345801	0.020597571	0.313022857	1
Heart_Failure	adipocyte	<i>FKRP</i>	0.004319401	0.038441896	0.354324176	1
Heart_Failure	adipocyte	<i>FKTN</i>	0.00244001	0.027537332	0.333799385	1

Heart_Failure	adipocyte	<i>FLNC</i>	0.008858254	0.047051068	0.371375589	1
Heart_Failure	adipocyte	<i>FLRT2</i>	0.000947971	0.040813804	0.356583761	1
Heart_Failure	adipocyte	<i>FMO2</i>	0.002509709	0.010133762	0.288809259	1
Heart_Failure	adipocyte	<i>FNBP1</i>	-0.000833688	0.042031029	0.360369341	1
Heart_Failure	adipocyte	<i>FOXP2</i>	0.001641615	0.001845385	0.263173565	1
Heart_Failure	adipocyte	<i>FOXRED1</i>	0.003571246	0.046968079	0.371375589	1
Heart_Failure	adipocyte	<i>FPR1</i>	-0.002069528	0.001883484	0.263173565	1
Heart_Failure	adipocyte	<i>FREMI</i>	0.001499062	0.011334128	0.292483712	1
Heart_Failure	adipocyte	<i>FSIP2</i>	0.005190872	0.029097942	0.338306035	1
Heart_Failure	adipocyte	<i>GALNT8</i>	0.011000338	0.03437421	0.346795782	1
Heart_Failure	adipocyte	<i>GALR1</i>	0.017295985	0.000987625	0.263173565	1
Heart_Failure	adipocyte	<i>GAS8</i>	0.007148084	0.040078719	0.35636211	1
Heart_Failure	adipocyte	<i>GATAD1</i>	0.002539995	0.013035806	0.309134838	1
Heart_Failure	adipocyte	<i>GCDH</i>	0.003865444	0.041395521	0.359147548	1
Heart_Failure	adipocyte	<i>GDPD5</i>	0.004714132	0.036531651	0.349431256	1
Heart_Failure	adipocyte	<i>GEMIN5</i>	0.005656917	0.01032807	0.288809259	1
Heart_Failure	adipocyte	<i>GHR</i>	0.001071982	0.008152155	0.286572233	1
Heart_Failure	adipocyte	<i>GINM1</i>	0.002563986	0.018992635	0.313022857	1
Heart_Failure	adipocyte	<i>GLI2</i>	0.003846032	0.018605152	0.313022857	1
Heart_Failure	adipocyte	<i>GLIPR1</i>	-0.002553789	0.007550741	0.28497028	1
Heart_Failure	adipocyte	<i>GLIPR1L1</i>	0.004387606	0.038613581	0.354324176	1
Heart_Failure	adipocyte	<i>GLOD4</i>	-0.008275081	0.020058293	0.313022857	1
Heart_Failure	adipocyte	<i>GLRX</i>	0.001714057	0.022002289	0.316727404	1
Heart_Failure	adipocyte	<i>GLT8D1</i>	0.004386675	0.040251744	0.35636211	1
Heart_Failure	adipocyte	<i>GMPS</i>	0.002355489	0.018261992	0.313022857	1
Heart_Failure	adipocyte	<i>GNAL</i>	0.003838665	0.015161233	0.311202333	1
Heart_Failure	adipocyte	<i>GNPDA2</i>	0.003819226	0.04851494	0.373118697	1
Heart_Failure	adipocyte	<i>GOLGA8M</i>	0.013358131	0.011516175	0.295367657	1
Heart_Failure	adipocyte	<i>GPATCH1</i>	0.004868591	0.039443632	0.355045486	1
Heart_Failure	adipocyte	<i>GPHN</i>	0.001481138	0.003505794	0.263173565	1
Heart_Failure	adipocyte	<i>GPR156</i>	0.014254901	0.045140081	0.369530306	1
Heart_Failure	adipocyte	<i>GPR180</i>	0.004268169	0.031156827	0.342266905	1
Heart_Failure	adipocyte	<i>GPR84</i>	0.002644385	0.033195899	0.345315166	1
Heart_Failure	adipocyte	<i>GPSM1</i>	0.011584041	0.043585445	0.363780191	1
Heart_Failure	adipocyte	<i>GRAMD1C</i>	-0.004000417	0.005057218	0.263173565	1
Heart_Failure	adipocyte	<i>GRB7</i>	0.026521091	0.036571129	0.349431256	1
Heart_Failure	adipocyte	<i>GREB1L</i>	0.002581845	0.004141039	0.263173565	1
Heart_Failure	adipocyte	<i>GRIK2</i>	0.007001473	0.049871513	0.373118697	1
Heart_Failure	adipocyte	<i>GSTM2</i>	0.00483186	0.01626955	0.311477754	1
Heart_Failure	adipocyte	<i>GTF2IRD1</i>	0.005204407	0.006570084	0.274176107	1
Heart_Failure	adipocyte	<i>GTPBP10</i>	0.002984045	0.034179108	0.346795782	1
Heart_Failure	adipocyte	<i>GXYLT2</i>	0.004398052	0.005504802	0.263173565	1
Heart_Failure	adipocyte	<i>H3F3A</i>	-0.002862375	0.046626517	0.370532004	1
Heart_Failure	adipocyte	<i>HAAO</i>	0.005054514	0.025411683	0.323566809	1
Heart_Failure	adipocyte	<i>HACE1</i>	0.002221465	0.046242903	0.370532004	1
Heart_Failure	adipocyte	<i>HAP1</i>	-0.018061085	0.046362205	0.370532004	1
Heart_Failure	adipocyte	<i>HAUS1</i>	0.007815871	0.015317265	0.311298598	1
Heart_Failure	adipocyte	<i>HCLS1</i>	-0.001354196	0.01684582	0.311477754	1
Heart_Failure	adipocyte	<i>HDCC3</i>	0.007660659	0.03936828	0.355045486	1
Heart_Failure	adipocyte	<i>HIBADH</i>	0.001895191	0.035262431	0.346795782	1
Heart_Failure	adipocyte	<i>HIBCH</i>	0.001706521	0.00555188	0.263317746	1
Heart_Failure	adipocyte	<i>HIF3A</i>	0.001385204	0.042593983	0.362079149	1

Heart_Failure	adipocyte	<i>HIST1H4E</i>	-0.011107668	0.031733862	0.343964277	1
Heart_Failure	adipocyte	<i>HLA-B</i>	-0.000892165	0.001701941	0.263173565	1
Heart_Failure	adipocyte	<i>HLA-C</i>	-0.000981057	0.017582701	0.311477754	1
Heart_Failure	adipocyte	<i>HLA-E</i>	-0.00126702	0.01362361	0.311202333	1
Heart_Failure	adipocyte	<i>HLTF</i>	0.003322865	0.026135763	0.325390246	1
Heart_Failure	adipocyte	<i>HMGN2</i>	0.005441464	0.004668703	0.263173565	1
Heart_Failure	adipocyte	<i>HOXA6</i>	0.007404872	0.016611813	0.311477754	1
Heart_Failure	adipocyte	<i>HOXB3</i>	0.002953317	0.016239214	0.311477754	1
Heart_Failure	adipocyte	<i>HOXB6</i>	0.00734648	0.033824568	0.345991179	1
Heart_Failure	adipocyte	<i>HOXC5</i>	0.029841788	0.002909199	0.263173565	1
Heart_Failure	adipocyte	<i>HOXD3</i>	0.005171607	0.004896324	0.263173565	1
Heart_Failure	adipocyte	<i>HRASLS5</i>	0.005112276	0.019078249	0.313022857	1
Heart_Failure	adipocyte	<i>HRCT1</i>	0.009158741	0.046380959	0.370532004	1
Heart_Failure	adipocyte	<i>HS3ST1</i>	0.003592835	0.030046072	0.339700664	1
Heart_Failure	adipocyte	<i>HSPA12A</i>	0.002176872	0.028325356	0.335665976	1
Heart_Failure	adipocyte	<i>HTR7</i>	-0.004893795	0.003580577	0.263173565	1
Heart_Failure	adipocyte	<i>HYKK</i>	0.007086498	0.042765708	0.362172975	1
Heart_Failure	adipocyte	<i>IFI27L2</i>	0.008463884	0.029740916	0.339700664	1
Heart_Failure	adipocyte	<i>IFITM1</i>	-0.007135963	0.033818477	0.345991179	1
Heart_Failure	adipocyte	<i>IFNAR2</i>	-0.001207895	0.033973674	0.346461906	1
Heart_Failure	adipocyte	<i>IGF2R</i>	-0.000773802	0.01672713	0.311477754	1
Heart_Failure	adipocyte	<i>IKBIP</i>	-0.001655092	0.039294938	0.355045486	1
Heart_Failure	adipocyte	<i>IL17RA</i>	-0.001555126	0.0201609	0.313022857	1
Heart_Failure	adipocyte	<i>IL34</i>	0.006453663	0.013867145	0.311202333	1
Heart_Failure	adipocyte	<i>INO80C</i>	0.008294735	0.045789406	0.370532004	1
Heart_Failure	adipocyte	<i>INSRR</i>	0.024261487	0.047715178	0.373118697	1
Heart_Failure	adipocyte	<i>IP6K1</i>	-0.003147518	0.042860655	0.362172975	1
Heart_Failure	adipocyte	<i>IPO5</i>	-0.00257759	0.031772288	0.343964277	1
Heart_Failure	adipocyte	<i>IQGAP1</i>	-0.001294885	0.001106292	0.263173565	1
Heart_Failure	adipocyte	<i>ISLR2</i>	0.014855449	0.018881639	0.313022857	1
Heart_Failure	adipocyte	<i>ISM2</i>	0.038894606	0.041620192	0.35942524	1
Heart_Failure	adipocyte	<i>JMJD8</i>	0.007599552	0.048642428	0.373118697	1
Heart_Failure	adipocyte	<i>KANK2</i>	0.001932426	0.044718755	0.368605906	1
Heart_Failure	adipocyte	<i>KATNAL1</i>	0.002693164	0.033302583	0.345345032	1
Heart_Failure	adipocyte	<i>KATNAL2</i>	0.003826615	0.024057182	0.318135838	1
Heart_Failure	adipocyte	<i>KCNB2</i>	0.002397967	0.01636355	0.311477754	1
Heart_Failure	adipocyte	<i>KCND3</i>	0.005914661	0.046273602	0.370532004	1
Heart_Failure	adipocyte	<i>KCNJ15</i>	-0.000773536	0.010409236	0.288809259	1
Heart_Failure	adipocyte	<i>KCNN3</i>	0.002755326	0.035873911	0.348070616	1
Heart_Failure	adipocyte	<i>KCNS3</i>	0.010645919	0.001271548	0.263173565	1
Heart_Failure	adipocyte	<i>KCNT2</i>	0.003191559	0.035645296	0.348070616	1
Heart_Failure	adipocyte	<i>KCTD10</i>	0.004745035	0.036423603	0.349431256	1
Heart_Failure	adipocyte	<i>KCTD16</i>	0.008704598	0.015519939	0.311298598	1
Heart_Failure	adipocyte	<i>KDELC2</i>	0.00730495	0.004727421	0.263173565	1
Heart_Failure	adipocyte	<i>KHDRBS3</i>	0.001662611	0.022907354	0.3177486	1
Heart_Failure	adipocyte	<i>KIAA1324L</i>	0.002974751	0.014153765	0.311202333	1
Heart_Failure	adipocyte	<i>KIAA1549L</i>	0.019251214	0.010422955	0.288809259	1
Heart_Failure	adipocyte	<i>KIAA1683</i>	0.003817262	0.049203085	0.373118697	1
Heart_Failure	adipocyte	<i>KLHDC2</i>	0.002433988	0.031039867	0.341610033	1
Heart_Failure	adipocyte	<i>KLHL3</i>	0.002066671	0.021136296	0.314171756	1
Heart_Failure	adipocyte	<i>KLHL31</i>	0.003459993	0.020352873	0.313022857	1
Heart_Failure	adipocyte	<i>L3HYPDH</i>	0.004816148	0.021396905	0.314171756	1

Heart_Failure	adipocyte	<i>LAMA4</i>	0.001171721	0.00025236	0.263173565	1
Heart_Failure	adipocyte	<i>LAMB1</i>	0.001842914	0.035262971	0.346795782	1
Heart_Failure	adipocyte	<i>LAMB2</i>	0.003007537	0.010144237	0.288809259	1
Heart_Failure	adipocyte	<i>LAMB3</i>	0.009176819	0.042110746	0.360535555	1
Heart_Failure	adipocyte	<i>LAPTM5</i>	-0.001901184	0.02901687	0.338306035	1
Heart_Failure	adipocyte	<i>LARP6</i>	0.005365498	0.043211066	0.362172975	1
Heart_Failure	adipocyte	<i>LAYN</i>	0.005019316	0.013993039	0.311202333	1
Heart_Failure	adipocyte	<i>LCAT</i>	0.009337961	0.000218774	0.263173565	1
Heart_Failure	adipocyte	<i>LCP2</i>	-0.00132153	0.004558193	0.263173565	1
Heart_Failure	adipocyte	<i>LEPR</i>	0.002246827	0.019432398	0.313022857	1
Heart_Failure	adipocyte	<i>LIMA1</i>	0.001137669	0.001947968	0.263173565	1
Heart_Failure	adipocyte	<i>LINC00184</i>	0.036905647	0.019949423	0.313022857	1
Heart_Failure	adipocyte	<i>LINC00240</i>	0.007037685	0.018864332	0.313022857	1
Heart_Failure	adipocyte	<i>LINC00472</i>	0.006169988	0.0108074	0.290756523	1
Heart_Failure	adipocyte	<i>LINC00562</i>	0.021495824	0.02599931	0.325390246	1
Heart_Failure	adipocyte	<i>LINC00663</i>	0.009165101	0.035325405	0.346795782	1
Heart_Failure	adipocyte	<i>LINC00665</i>	0.005721383	0.037187684	0.351629902	1
Heart_Failure	adipocyte	<i>LINC00865</i>	0.006508286	0.038584811	0.354324176	1
Heart_Failure	adipocyte	<i>LINC00924</i>	0.00492727	0.00368926	0.263173565	1
Heart_Failure	adipocyte	<i>LINC01117</i>	0.004233537	0.016884762	0.311477754	1
Heart_Failure	adipocyte	<i>LITAF</i>	-0.000888997	0.010485002	0.288809259	1
Heart_Failure	adipocyte	<i>LMO3</i>	0.002097137	0.00323938	0.263173565	1
Heart_Failure	adipocyte	<i>LMX1A</i>	0.003782093	0.044972354	0.368662258	1
Heart_Failure	adipocyte	<i>LMX1B</i>	0.013598732	0.020797541	0.314059083	1
Heart_Failure	adipocyte	<i>LRFN5</i>	0.00318766	0.040241756	0.35636211	1
Heart_Failure	adipocyte	<i>LRMP</i>	-0.001482125	0.006580899	0.274176107	1
Heart_Failure	adipocyte	<i>LRP11</i>	0.00466026	0.000919644	0.263173565	1
Heart_Failure	adipocyte	<i>LRRC2</i>	0.005408403	0.014559657	0.311202333	1
Heart_Failure	adipocyte	<i>LRRC25</i>	-0.005727845	0.017710371	0.311477754	1
Heart_Failure	adipocyte	<i>LRRC34</i>	0.007504269	0.006637203	0.274176107	1
Heart_Failure	adipocyte	<i>LRRK2</i>	-0.000754242	0.00433032	0.263173565	1
Heart_Failure	adipocyte	<i>LSM7</i>	0.003289089	0.035308919	0.346795782	1
Heart_Failure	adipocyte	<i>LTF</i>	0.013172625	0.018578334	0.313022857	1
Heart_Failure	adipocyte	<i>LURAP1</i>	0.008029426	0.034832451	0.346795782	1
Heart_Failure	adipocyte	<i>LURAP1L</i>	0.003542087	0.002501137	0.263173565	1
Heart_Failure	adipocyte	<i>LYRM2</i>	0.00492735	0.031022794	0.341610033	1
Heart_Failure	adipocyte	<i>LYRM4</i>	0.005213743	0.009668775	0.288809259	1
Heart_Failure	adipocyte	<i>MAATS1</i>	0.00716228	0.03777443	0.352929213	1
Heart_Failure	adipocyte	<i>MAL2</i>	0.009599133	0.00537462	0.263173565	1
Heart_Failure	adipocyte	<i>MALRD1</i>	0.004758532	0.011230438	0.292483712	1
Heart_Failure	adipocyte	<i>MAP1LC3C</i>	0.021958976	0.016680713	0.311477754	1
Heart_Failure	adipocyte	<i>MAP3K5</i>	-0.001272187	0.006595987	0.274176107	1
Heart_Failure	adipocyte	<i>MAP3K6</i>	0.010801154	0.028009643	0.335665976	1
Heart_Failure	adipocyte	<i>MAP4K5</i>	0.001736939	0.009651392	0.288809259	1
Heart_Failure	adipocyte	<i>MCAT</i>	0.015507384	0.049670726	0.373118697	1
Heart_Failure	adipocyte	<i>MDN1</i>	0.002656859	0.02195341	0.316727404	1
Heart_Failure	adipocyte	<i>ME3</i>	0.005381614	0.000448545	0.263173565	1
Heart_Failure	adipocyte	<i>MED24</i>	0.005883412	0.033177499	0.345315166	1
Heart_Failure	adipocyte	<i>MED8</i>	0.007427972	0.021183273	0.314171756	1
Heart_Failure	adipocyte	<i>MEGF9</i>	-0.001055546	0.009233245	0.288809259	1
Heart_Failure	adipocyte	<i>MEIOB</i>	0.013830649	0.044947119	0.368662258	1
Heart_Failure	adipocyte	<i>MEST</i>	0.002128123	0.021236082	0.314171756	1

Heart_Failure	adipocyte	<i>METAP1D</i>	0.003512658	0.025087133	0.321029352	1
Heart_Failure	adipocyte	<i>METTL5</i>	0.002075226	0.031622257	0.343964277	1
Heart_Failure	adipocyte	<i>MGMT</i>	0.001687404	0.03687968	0.350944219	1
Heart_Failure	adipocyte	<i>MIPOL1</i>	0.002304662	0.009351676	0.288809259	1
Heart_Failure	adipocyte	<i>MKKS</i>	0.003541437	0.043063458	0.362172975	1
Heart_Failure	adipocyte	<i>MLF1</i>	0.004440919	0.015710142	0.311477754	1
Heart_Failure	adipocyte	<i>MLXIPL</i>	0.001813504	0.010873021	0.290756523	1
Heart_Failure	adipocyte	<i>MMP16</i>	0.001858178	0.042871114	0.362172975	1
Heart_Failure	adipocyte	<i>MMP25</i>	-0.002294372	0.028349058	0.335665976	1
Heart_Failure	adipocyte	<i>MMS19</i>	0.00307689	0.020148774	0.313022857	1
Heart_Failure	adipocyte	<i>MNAT1</i>	0.001661615	0.032244098	0.344194912	1
Heart_Failure	adipocyte	<i>MOB1A</i>	-0.00290273	0.002569224	0.263173565	1
Heart_Failure	adipocyte	<i>MOB3A</i>	-0.001726392	0.044571978	0.368412364	1
Heart_Failure	adipocyte	<i>MRAS</i>	0.004115144	0.009956763	0.288809259	1
Heart_Failure	adipocyte	<i>MRC1</i>	-0.000658306	0.037709664	0.352929213	1
Heart_Failure	adipocyte	<i>MRO</i>	0.03370984	0.003551226	0.263173565	1
Heart_Failure	adipocyte	<i>MRPL19</i>	0.002491214	0.04609656	0.370532004	1
Heart_Failure	adipocyte	<i>MRPL32</i>	0.004869688	0.017590781	0.311477754	1
Heart_Failure	adipocyte	<i>MRT04</i>	-0.006133312	0.017309535	0.311477754	1
Heart_Failure	adipocyte	<i>MSL1</i>	0.002718043	0.048643302	0.373118697	1
Heart_Failure	adipocyte	<i>MST1</i>	0.020686352	0.006516745	0.274176107	1
Heart_Failure	adipocyte	<i>MTMR3</i>	-0.001684447	0.013387432	0.310528352	1
Heart_Failure	adipocyte	<i>MTR</i>	0.0018259	0.020637718	0.313022857	1
Heart_Failure	adipocyte	<i>MUC20</i>	0.017450534	0.021291834	0.314171756	1
Heart_Failure	adipocyte	<i>MUM1</i>	0.003343954	0.008764999	0.288809259	1
Heart_Failure	adipocyte	<i>MX2</i>	-0.001383553	0.009771571	0.288809259	1
Heart_Failure	adipocyte	<i>MXRA7</i>	0.006052912	0.012378582	0.301936347	1
Heart_Failure	adipocyte	<i>MYL12A</i>	-0.003379527	0.02177622	0.316727404	1
Heart_Failure	adipocyte	<i>MYO1F</i>	-0.000672523	0.001787826	0.263173565	1
Heart_Failure	adipocyte	<i>MYO5B</i>	0.007102308	0.019831899	0.313022857	1
Heart_Failure	adipocyte	<i>MYO6</i>	0.001733165	0.045340856	0.370159779	1
Heart_Failure	adipocyte	<i>MYO9A</i>	0.00103794	0.033623549	0.345882658	1
Heart_Failure	adipocyte	<i>N4BP2L2</i>	-0.001094477	0.048156218	0.373118697	1
Heart_Failure	adipocyte	<i>N6AMT1</i>	0.008190158	0.039339959	0.355045486	1
Heart_Failure	adipocyte	<i>NAALAD2</i>	0.003899663	0.011760167	0.296534832	1
Heart_Failure	adipocyte	<i>NBEAL1</i>	0.001158435	0.004075223	0.263173565	1
Heart_Failure	adipocyte	<i>NBN</i>	-0.003331936	0.002281726	0.263173565	1
Heart_Failure	adipocyte	<i>NDE1</i>	-0.001337093	0.026652006	0.328396676	1
Heart_Failure	adipocyte	<i>NDNF</i>	0.005604761	0.043978609	0.365530138	1
Heart_Failure	adipocyte	<i>NDUFB10</i>	0.004520227	0.023054678	0.3177486	1
Heart_Failure	adipocyte	<i>NDUFC1</i>	0.005387427	0.011723452	0.296534832	1
Heart_Failure	adipocyte	<i>NDUFB3</i>	0.002922104	0.024718915	0.318135838	1
Heart_Failure	adipocyte	<i>NEAT1</i>	-0.000317844	0.045723508	0.370532004	1
Heart_Failure	adipocyte	<i>NEIL1</i>	0.003995411	0.045699534	0.370532004	1
Heart_Failure	adipocyte	<i>NEK11</i>	0.003087497	0.010206076	0.288809259	1
Heart_Failure	adipocyte	<i>NFIA</i>	0.000904203	0.003870753	0.263173565	1
Heart_Failure	adipocyte	<i>NFIX</i>	0.004011839	0.000880797	0.263173565	1
Heart_Failure	adipocyte	<i>NINJ1</i>	-0.005572827	0.007986465	0.285819678	1
Heart_Failure	adipocyte	<i>NINL</i>	0.005116277	0.002224844	0.263173565	1
Heart_Failure	adipocyte	<i>NIPAL2</i>	0.002876514	0.012487067	0.302116243	1
Heart_Failure	adipocyte	<i>NNT</i>	0.00256205	0.017711819	0.311477754	1
Heart_Failure	adipocyte	<i>NR1H3</i>	0.003630874	0.018709565	0.313022857	1

Heart_Failure	adipocyte	<i>NR2F6</i>	0.009965085	0.023588592	0.318135838	1
Heart_Failure	adipocyte	<i>NSMCE4A</i>	0.003362493	0.024678174	0.318135838	1
Heart_Failure	adipocyte	<i>NT5C2</i>	-0.001154731	0.030665482	0.341610033	1
Heart_Failure	adipocyte	<i>NT5E</i>	0.003789496	0.010644564	0.288809259	1
Heart_Failure	adipocyte	<i>NTAN1</i>	0.004180166	0.017224467	0.311477754	1
Heart_Failure	adipocyte	<i>NTN4</i>	0.001420235	0.048814819	0.373118697	1
Heart_Failure	adipocyte	<i>NTPCR</i>	0.006040243	0.048337853	0.373118697	1
Heart_Failure	adipocyte	<i>NUDT12</i>	0.004277993	0.039867237	0.35636211	1
Heart_Failure	adipocyte	<i>NUDT4</i>	0.003473494	0.021749139	0.316727404	1
Heart_Failure	adipocyte	<i>NUDT6</i>	0.005102729	0.031859012	0.343964277	1
Heart_Failure	adipocyte	<i>NUDT7</i>	0.008055364	0.023721232	0.318135838	1
Heart_Failure	adipocyte	<i>NUP43</i>	0.002462261	0.029480901	0.338749277	1
Heart_Failure	adipocyte	<i>NUPL2</i>	0.003269843	0.015367452	0.311298598	1
Heart_Failure	adipocyte	<i>OGFRL1</i>	-0.002188294	0.025530773	0.323931842	1
Heart_Failure	adipocyte	<i>OPNISW</i>	0.01258904	0.032506879	0.344194912	1
Heart_Failure	adipocyte	<i>OPTN</i>	0.002162963	0.023465406	0.3177486	1
Heart_Failure	adipocyte	<i>ORC4</i>	0.00226527	0.03584379	0.348070616	1
Heart_Failure	adipocyte	<i>OSCP1</i>	0.007945147	0.007987263	0.285819678	1
Heart_Failure	adipocyte	<i>OTOGL</i>	0.015194594	0.0323634	0.344194912	1
Heart_Failure	adipocyte	<i>PADI4</i>	-0.002422392	0.011272071	0.292483712	1
Heart_Failure	adipocyte	<i>PALM2</i>	0.006046011	0.014990622	0.311202333	1
Heart_Failure	adipocyte	<i>PANK2</i>	-0.001930824	0.049419207	0.373118697	1
Heart_Failure	adipocyte	<i>PARK7</i>	0.002808192	0.020064934	0.313022857	1
Heart_Failure	adipocyte	<i>PARP2</i>	0.00731264	0.02231133	0.3177486	1
Heart_Failure	adipocyte	<i>PARP8</i>	-0.001024521	0.001043149	0.263173565	1
Heart_Failure	adipocyte	<i>PBX1</i>	0.001059336	0.001321418	0.263173565	1
Heart_Failure	adipocyte	<i>PCDH9</i>	0.001090212	0.044382195	0.367598847	1
Heart_Failure	adipocyte	<i>PCDHA7</i>	0.002779546	0.032391295	0.344194912	1
Heart_Failure	adipocyte	<i>PCDHAC1</i>	0.014036909	0.015575348	0.311298598	1
Heart_Failure	adipocyte	<i>PCDHB16</i>	0.010625779	0.009812083	0.288809259	1
Heart_Failure	adipocyte	<i>PCDHB9</i>	0.020317218	0.033627481	0.345882658	1
Heart_Failure	adipocyte	<i>PCDHGA1</i>	0.03108683	0.003651715	0.263173565	1
Heart_Failure	adipocyte	<i>PCDHGA11</i>	0.036124458	0.00407922	0.263173565	1
Heart_Failure	adipocyte	<i>PCDHGB6</i>	0.008974708	0.045796893	0.370532004	1
Heart_Failure	adipocyte	<i>PCOLCE2</i>	0.001164202	0.018240352	0.313022857	1
Heart_Failure	adipocyte	<i>PCSK2</i>	0.013265283	0.016154027	0.311477754	1
Heart_Failure	adipocyte	<i>PDCD6</i>	0.003057731	0.034871742	0.346795782	1
Heart_Failure	adipocyte	<i>PDE11A</i>	0.022988024	0.002143396	0.263173565	1
Heart_Failure	adipocyte	<i>PDE1C</i>	0.001827758	0.024735468	0.318135838	1
Heart_Failure	adipocyte	<i>PDE8B</i>	0.005410114	0.000887459	0.263173565	1
Heart_Failure	adipocyte	<i>PDPN</i>	0.004462739	0.030692911	0.341610033	1
Heart_Failure	adipocyte	<i>PDXDC1</i>	0.001971533	0.044712726	0.368605906	1
Heart_Failure	adipocyte	<i>PFDNI</i>	0.002000129	0.046607397	0.370532004	1
Heart_Failure	adipocyte	<i>PFN4</i>	0.008725288	0.018719949	0.313022857	1
Heart_Failure	adipocyte	<i>PGR</i>	0.005382019	0.03024109	0.339700664	1
Heart_Failure	adipocyte	<i>PHF2</i>	0.003227187	0.027937013	0.335665976	1
Heart_Failure	adipocyte	<i>PHLDB1</i>	0.002179774	0.001542661	0.263173565	1
Heart_Failure	adipocyte	<i>PHLPP2</i>	0.004737296	0.013546374	0.311202333	1
Heart_Failure	adipocyte	<i>PHYHD1</i>	0.005675569	0.006129637	0.274176107	1
Heart_Failure	adipocyte	<i>PIAS1</i>	-0.001078802	0.007213048	0.280379276	1
Heart_Failure	adipocyte	<i>PICALM</i>	-0.000947594	0.002038878	0.263173565	1
Heart_Failure	adipocyte	<i>PIK3R4</i>	0.00224536	0.038291363	0.354224746	1

Heart_Failure	adipocyte	<i>PINLYP</i>	0.007409004	0.024204007	0.318135838	1
Heart_Failure	adipocyte	<i>PKD1</i>	0.003975997	0.021388053	0.314171756	1
Heart_Failure	adipocyte	<i>PLA2G4C</i>	0.005014159	0.022603776	0.3177486	1
Heart_Failure	adipocyte	<i>PLA2G6</i>	0.0053403	0.014676812	0.311202333	1
Heart_Failure	adipocyte	<i>PLA2R1</i>	0.003483946	0.005684429	0.265391779	1
Heart_Failure	adipocyte	<i>PLBD2</i>	0.004958141	0.034361022	0.346795782	1
Heart_Failure	adipocyte	<i>PLCD3</i>	0.009940396	0.029986391	0.339700664	1
Heart_Failure	adipocyte	<i>PLD1</i>	0.00164407	0.023004463	0.3177486	1
Heart_Failure	adipocyte	<i>PLEKHH1</i>	0.01046365	0.007099869	0.280379276	1
Heart_Failure	adipocyte	<i>PLEKHH2</i>	0.002439571	0.003996169	0.263173565	1
Heart_Failure	adipocyte	<i>PLSCR4</i>	0.001300117	0.010071132	0.288809259	1
Heart_Failure	adipocyte	<i>POLE</i>	0.004209841	0.010223513	0.288809259	1
Heart_Failure	adipocyte	<i>POLK</i>	0.002434023	0.018602185	0.313022857	1
Heart_Failure	adipocyte	<i>PON3</i>	0.008641877	0.023401143	0.3177486	1
Heart_Failure	adipocyte	<i>POU2F3</i>	0.030570741	0.023326208	0.3177486	1
Heart_Failure	adipocyte	<i>PPCDC</i>	-0.001088074	0.023318818	0.3177486	1
Heart_Failure	adipocyte	<i>PPP1R14A</i>	0.004020504	0.025616169	0.324326755	1
Heart_Failure	adipocyte	<i>PPP1R9A</i>	0.001812772	0.005146741	0.263173565	1
Heart_Failure	adipocyte	<i>PPP2R1B</i>	0.001740473	0.02535883	0.323566809	1
Heart_Failure	adipocyte	<i>PPP3R1</i>	0.005758391	0.047008384	0.371375589	1
Heart_Failure	adipocyte	<i>PPT1</i>	-0.00503036	0.004349831	0.263173565	1
Heart_Failure	adipocyte	<i>PRDX5</i>	0.004782652	0.003533948	0.263173565	1
Heart_Failure	adipocyte	<i>PRH2</i>	0.011630319	0.047530728	0.373118697	1
Heart_Failure	adipocyte	<i>PRICKLE1</i>	0.001971819	0.007108207	0.280379276	1
Heart_Failure	adipocyte	<i>PRIMPOL</i>	0.003110975	0.017235779	0.311477754	1
Heart_Failure	adipocyte	<i>PRMT7</i>	0.004709993	0.014207037	0.311202333	1
Heart_Failure	adipocyte	<i>PRSS23</i>	0.001445538	0.000691218	0.263173565	1
Heart_Failure	adipocyte	<i>PRTG</i>	0.006243391	0.013406345	0.310528352	1
Heart_Failure	adipocyte	<i>PSAP</i>	-0.001148179	0.009053963	0.288809259	1
Heart_Failure	adipocyte	<i>PSG4</i>	0.014557915	0.032388179	0.344194912	1
Heart_Failure	adipocyte	<i>PSMG3-AS1</i>	0.006172574	0.044166698	0.366583597	1
Heart_Failure	adipocyte	<i>PSORS1C1</i>	0.011310147	0.00403452	0.263173565	1
Heart_Failure	adipocyte	<i>PSORS1C2</i>	0.004392369	0.035569227	0.348070616	1
Heart_Failure	adipocyte	<i>PSRC1</i>	0.019768625	0.006698412	0.274176107	1
Heart_Failure	adipocyte	<i>PSTPIP1</i>	-0.00319557	0.01745693	0.311477754	1
Heart_Failure	adipocyte	<i>PTAFR</i>	-0.005565978	0.001656389	0.263173565	1
Heart_Failure	adipocyte	<i>PTBP2</i>	0.001182655	0.021982463	0.316727404	1
Heart_Failure	adipocyte	<i>PTGR1</i>	0.004330237	0.003214459	0.263173565	1
Heart_Failure	adipocyte	<i>PTH2R</i>	0.003475802	0.039259914	0.355045486	1
Heart_Failure	adipocyte	<i>PTK2</i>	0.000889821	0.011092018	0.292483712	1
Heart_Failure	adipocyte	<i>PTN</i>	0.008908175	0.023491243	0.3177486	1
Heart_Failure	adipocyte	<i>PTPN14</i>	0.001585568	0.005492658	0.263173565	1
Heart_Failure	adipocyte	<i>PTPRJ</i>	-0.000992391	0.000428247	0.263173565	1
Heart_Failure	adipocyte	<i>PTPRS</i>	0.001648533	0.00743254	0.282909941	1
Heart_Failure	adipocyte	<i>QDPR</i>	0.007011102	0.005351271	0.263173565	1
Heart_Failure	adipocyte	<i>QRICH2</i>	0.006975952	0.04142762	0.359147548	1
Heart_Failure	adipocyte	<i>RAB43</i>	-0.038096811	0.021946401	0.316727404	1
Heart_Failure	adipocyte	<i>RAF1</i>	-0.003021958	0.001231415	0.263173565	1
Heart_Failure	adipocyte	<i>RAI14</i>	0.00187103	0.04647572	0.370532004	1
Heart_Failure	adipocyte	<i>RALB</i>	-0.003055879	0.049741072	0.373118697	1
Heart_Failure	adipocyte	<i>RALGAP1</i>	0.000972477	0.015772904	0.311477754	1
Heart_Failure	adipocyte	<i>RASAL1</i>	0.028064524	0.030897921	0.341610033	1

Heart_Failure	adipocyte	<i>RBM43</i>	-0.00828281	0.012046645	0.299961469	1
Heart_Failure	adipocyte	<i>RCAN3</i>	-0.002229965	0.032844741	0.34435118	1
Heart_Failure	adipocyte	<i>RDH13</i>	0.005727888	0.038657859	0.354324176	1
Heart_Failure	adipocyte	<i>RDH5</i>	0.001686245	0.016186937	0.311477754	1
Heart_Failure	adipocyte	<i>RECQL5</i>	0.007630576	0.025959383	0.325390246	1
Heart_Failure	adipocyte	<i>REEP2</i>	0.015577675	0.037796971	0.352929213	1
Heart_Failure	adipocyte	<i>RFWD2</i>	-0.001004386	0.00144829	0.263173565	1
Heart_Failure	adipocyte	<i>RGS18</i>	-0.00298137	0.004395226	0.263173565	1
Heart_Failure	adipocyte	<i>RGS2</i>	-0.001986552	0.005144061	0.263173565	1
Heart_Failure	adipocyte	<i>RHOBTB3</i>	0.001079875	0.023371814	0.3177486	1
Heart_Failure	adipocyte	<i>RHOD</i>	0.010638115	0.035778649	0.348070616	1
Heart_Failure	adipocyte	<i>RICTOR</i>	-0.001082115	0.004961669	0.263173565	1
Heart_Failure	adipocyte	<i>RIMKLB</i>	0.002915811	0.014450641	0.311202333	1
Heart_Failure	adipocyte	<i>RING1</i>	0.006502906	0.023018297	0.3177486	1
Heart_Failure	adipocyte	<i>RNASE1</i>	-0.001820863	0.002185848	0.263173565	1
Heart_Failure	adipocyte	<i>RNF149</i>	-0.000744397	0.003002468	0.263173565	1
Heart_Failure	adipocyte	<i>RNF152</i>	0.002028731	0.026579095	0.328396676	1
Heart_Failure	adipocyte	<i>RNF24</i>	-0.000734755	0.001816184	0.263173565	1
Heart_Failure	adipocyte	<i>RPP25L</i>	0.018010462	0.041480508	0.359147548	1
Heart_Failure	adipocyte	<i>RPP30</i>	0.004435162	0.042553389	0.362079149	1
Heart_Failure	adipocyte	<i>RPS13</i>	-0.00472311	0.013341588	0.310528352	1
Heart_Failure	adipocyte	<i>RPSA</i>	-0.003383398	0.040583982	0.356583761	1
Heart_Failure	adipocyte	<i>RRM1</i>	0.003877752	0.038483294	0.354324176	1
Heart_Failure	adipocyte	<i>RRP12</i>	-0.004410312	0.004419237	0.263173565	1
Heart_Failure	adipocyte	<i>RSG1</i>	0.016087851	0.024426939	0.318135838	1
Heart_Failure	adipocyte	<i>RSPO4</i>	0.014034204	0.039158656	0.355045486	1
Heart_Failure	adipocyte	<i>RUFY2</i>	0.003026452	0.004690329	0.263173565	1
Heart_Failure	adipocyte	<i>RUFY3</i>	0.001628439	0.031640872	0.343964277	1
Heart_Failure	adipocyte	<i>S100A3</i>	0.052007745	0.019021694	0.313022857	1
Heart_Failure	adipocyte	<i>S100A8</i>	-0.002424683	0.020049903	0.313022857	1
Heart_Failure	adipocyte	<i>S100A9</i>	-0.001509776	0.022444622	0.3177486	1
Heart_Failure	adipocyte	<i>S100B</i>	0.005291809	0.004395617	0.263173565	1
Heart_Failure	adipocyte	<i>SCCPDH</i>	0.005463004	0.030086938	0.339700664	1
Heart_Failure	adipocyte	<i>SCMHI</i>	0.001292667	0.049813659	0.373118697	1
Heart_Failure	adipocyte	<i>SCPEP1</i>	0.002642208	0.029589545	0.338749277	1
Heart_Failure	adipocyte	<i>SCRN2</i>	0.004579429	0.03149579	0.343964277	1
Heart_Failure	adipocyte	<i>SDCBP2</i>	0.027675472	0.010991452	0.291932968	1
Heart_Failure	adipocyte	<i>SDK1</i>	0.000788752	0.037950089	0.353485054	1
Heart_Failure	adipocyte	<i>SEH1L</i>	0.004323925	0.036297911	0.349431256	1
Heart_Failure	adipocyte	<i>SELENBP1</i>	0.00564592	0.00100311	0.263173565	1
Heart_Failure	adipocyte	<i>SEMA3E</i>	0.003177103	0.022047959	0.316727404	1
Heart_Failure	adipocyte	<i>SEMA3F</i>	0.008604602	0.027027246	0.330296155	1
Heart_Failure	adipocyte	<i>SEMA4D</i>	-0.001351258	0.006894735	0.278398223	1
Heart_Failure	adipocyte	<i>Sep-10</i> <i>Sep-04</i>	0.00357599	0.006673672	0.274176107	1
Heart_Failure	adipocyte		0.003965577	0.044808391	0.368662258	1
Heart_Failure	adipocyte	<i>SETD9</i>	0.005564706	0.04300778	0.362172975	1
Heart_Failure	adipocyte	<i>SF3A3</i>	0.002584483	0.049826457	0.373118697	1
Heart_Failure	adipocyte	<i>SFXN2</i>	0.006401904	0.029370026	0.338749277	1
Heart_Failure	adipocyte	<i>SGCE</i>	0.002730097	0.046734589	0.370867213	1
Heart_Failure	adipocyte	<i>SH3BGR</i>	0.01166483	0.016698217	0.311477754	1
Heart_Failure	adipocyte	<i>SH3D19</i>	0.001192298	0.000707147	0.263173565	1
Heart_Failure	adipocyte	<i>SH3PXD2B</i>	0.001691341	0.007613987	0.28497028	1

Heart_Failure	adipocyte	<i>SIL1</i>	0.001704759	0.043174021	0.362172975	1
Heart_Failure	adipocyte	<i>SIRPB2</i>	-0.002502506	0.049822793	0.373118697	1
Heart_Failure	adipocyte	<i>SLC1A1</i>	0.004212079	0.024423623	0.318135838	1
Heart_Failure	adipocyte	<i>SLC1A5</i>	0.006513781	0.049083901	0.373118697	1
Heart_Failure	adipocyte	<i>SLC1A7</i>	0.012536707	0.029881426	0.339700664	1
Heart_Failure	adipocyte	<i>SLC25A16</i>	0.003360909	0.013196139	0.310472942	1
Heart_Failure	adipocyte	<i>SLC25A23</i>	0.008735371	0.031886916	0.343964277	1
Heart_Failure	adipocyte	<i>SLC26A1</i>	0.028328246	0.026055389	0.325390246	1
Heart_Failure	adipocyte	<i>SLCO3A1</i>	-0.000559305	0.047613257	0.373118697	1
Heart_Failure	adipocyte	<i>SMCHD1</i>	-0.00059455	0.003116873	0.263173565	1
Heart_Failure	adipocyte	<i>SNRPC</i>	0.006679646	0.013770094	0.311202333	1
Heart_Failure	adipocyte	<i>SNRPE</i>	0.00372194	0.04662291	0.370532004	1
Heart_Failure	adipocyte	<i>SNRPF</i>	0.006744681	0.024144176	0.318135838	1
Heart_Failure	adipocyte	<i>SNTB2</i>	0.001868277	0.024784701	0.318135838	1
Heart_Failure	adipocyte	<i>SNUPN</i>	0.00586686	0.030202781	0.339700664	1
Heart_Failure	adipocyte	<i>SNX10</i>	-0.002164188	0.012735392	0.305649409	1
Heart_Failure	adipocyte	<i>SNX19</i>	0.003764541	0.028689259	0.337494121	1
Heart_Failure	adipocyte	<i>SPAG17</i>	0.003270705	0.038442742	0.354324176	1
Heart_Failure	adipocyte	<i>SPATA22</i>	0.003631422	0.002038146	0.263173565	1
Heart_Failure	adipocyte	<i>SPATA5L1</i>	0.006876314	0.046352129	0.370532004	1
Heart_Failure	adipocyte	<i>SPATA6L</i>	0.003306677	0.040739367	0.356583761	1
Heart_Failure	adipocyte	<i>SPATS2</i>	0.002958	0.020541581	0.313022857	1
Heart_Failure	adipocyte	<i>SPOCK2</i>	-0.002248474	0.043286063	0.362293438	1
Heart_Failure	adipocyte	<i>SPTBN1</i>	0.000890384	0.002590358	0.263173565	1
Heart_Failure	adipocyte	<i>SRGAP1</i>	0.001662944	0.017080388	0.311477754	1
Heart_Failure	adipocyte	<i>SRPK2</i>	-0.000713733	0.004269203	0.263173565	1
Heart_Failure	adipocyte	<i>ST8SLA2</i>	0.020402783	0.020526164	0.313022857	1
Heart_Failure	adipocyte	<i>STARD9</i>	0.001456455	0.008692677	0.288809259	1
Heart_Failure	adipocyte	<i>STEAP3</i>	0.009223758	0.027669852	0.334726798	1
Heart_Failure	adipocyte	<i>STK17B</i>	-0.001050075	0.010346254	0.288809259	1
Heart_Failure	adipocyte	<i>STON1</i>	0.00682629	0.026939544	0.330296155	1
Heart_Failure	adipocyte	<i>STXBP4</i>	0.002707895	0.049457178	0.373118697	1
Heart_Failure	adipocyte	<i>STXBP6</i>	0.001294436	0.022446646	0.3177486	1
Heart_Failure	adipocyte	<i>SULF1</i>	0.00154941	0.032599451	0.344194912	1
Heart_Failure	adipocyte	<i>SULT1A2</i>	0.01167441	0.035341136	0.346795782	1
Heart_Failure	adipocyte	<i>SULT1B1</i>	-0.006616115	0.028214605	0.335665976	1
Heart_Failure	adipocyte	<i>SUN1</i>	0.002112767	0.004185492	0.263173565	1
Heart_Failure	adipocyte	<i>SV2A</i>	0.014759993	0.043681659	0.364074751	1
Heart_Failure	adipocyte	<i>SYK</i>	-0.000765576	0.010621893	0.288809259	1
Heart_Failure	adipocyte	<i>SYT6</i>	0.048738773	0.032777326	0.344248328	1
Heart_Failure	adipocyte	<i>TACC2</i>	0.002639633	0.016980624	0.311477754	1
Heart_Failure	adipocyte	<i>TAOK2</i>	0.005580804	0.049293786	0.373118697	1
Heart_Failure	adipocyte	<i>TARS2</i>	0.004975013	0.032146747	0.344194912	1
Heart_Failure	adipocyte	<i>TAS2R4</i>	0.011329585	0.034370589	0.346795782	1
Heart_Failure	adipocyte	<i>TAS2R43</i>	0.027850287	0.032515025	0.344194912	1
Heart_Failure	adipocyte	<i>TBC1D22A</i>	-0.001185144	0.007677412	0.28497028	1
Heart_Failure	adipocyte	<i>TBC1D4</i>	0.001763025	0.029551956	0.338749277	1
Heart_Failure	adipocyte	<i>TBKBP1</i>	0.005079928	0.039962686	0.35636211	1
Heart_Failure	adipocyte	<i>TCTA</i>	0.004465288	0.010295707	0.288809259	1
Heart_Failure	adipocyte	<i>TDRD10</i>	0.00270108	0.049699948	0.373118697	1
Heart_Failure	adipocyte	<i>TEF</i>	0.006196357	0.019429365	0.313022857	1
Heart_Failure	adipocyte	<i>TFEB</i>	-0.002974933	0.013266093	0.310528352	1

Heart_Failure	adipocyte	<i>THEM6</i>	0.016582932	0.016115206	0.311477754	1
Heart_Failure	adipocyte	<i>THSD7B</i>	0.000956106	0.030910701	0.341610033	1
Heart_Failure	adipocyte	<i>TIAF1</i>	0.02670962	0.044412043	0.367598847	1
Heart_Failure	adipocyte	<i>TK2</i>	0.006745368	0.000258292	0.263173565	1
Heart_Failure	adipocyte	<i>TLE1</i>	0.0013969	0.032513355	0.344194912	1
Heart_Failure	adipocyte	<i>TLR6</i>	-0.003610868	0.040248349	0.35636211	1
Heart_Failure	adipocyte	<i>TMCC3</i>	-0.003016246	0.003563565	0.263173565	1
Heart_Failure	adipocyte	<i>TMCO6</i>	0.00646087	0.015863379	0.311477754	1
Heart_Failure	adipocyte	<i>TMEM127</i>	-0.006478607	0.004552488	0.263173565	1
Heart_Failure	adipocyte	<i>TMEM132C</i>	0.001225191	0.026638419	0.328396676	1
Heart_Failure	adipocyte	<i>TMEM159</i>	0.005873687	0.040552692	0.356583761	1
Heart_Failure	adipocyte	<i>TMEM161A</i>	0.008063064	0.032243281	0.344194912	1
Heart_Failure	adipocyte	<i>TMEM17</i>	0.009948785	0.036749034	0.350258732	1
Heart_Failure	adipocyte	<i>TMEM220</i>	0.00290775	0.012098403	0.300000246	1
Heart_Failure	adipocyte	<i>TMEM221</i>	0.029194877	0.032565287	0.344194912	1
Heart_Failure	adipocyte	<i>TMEM241</i>	0.002292569	0.011658257	0.296534832	1
Heart_Failure	adipocyte	<i>TMEM50B</i>	0.002562915	0.036220458	0.349431256	1
Heart_Failure	adipocyte	<i>TNFRSF10C</i>	-0.001767682	0.010374737	0.288809259	1
Heart_Failure	adipocyte	<i>TNFSF10</i>	-0.001778928	0.037028292	0.351260903	1
Heart_Failure	adipocyte	<i>TNNT3</i>	0.012626069	0.02012668	0.313022857	1
Heart_Failure	adipocyte	<i>TOMM34</i>	0.004674849	0.03532675	0.346795782	1
Heart_Failure	adipocyte	<i>TP53I3</i>	0.00550082	0.007268677	0.280379276	1
Heart_Failure	adipocyte	<i>TP63</i>	0.008510476	0.001410824	0.263173565	1
Heart_Failure	adipocyte	<i>TPBG</i>	0.003783643	0.022391357	0.3177486	1
Heart_Failure	adipocyte	<i>TPST1</i>	0.001411588	0.033225606	0.345315166	1
Heart_Failure	adipocyte	<i>TRAF3IP2</i>	0.004031806	0.04963351	0.373118697	1
Heart_Failure	adipocyte	<i>TRAP1</i>	0.003866643	0.012477758	0.302116243	1
Heart_Failure	adipocyte	<i>TRIM16L</i>	0.011015994	0.015188253	0.311202333	1
Heart_Failure	adipocyte	<i>TRIM2</i>	0.004120235	0.006583259	0.274176107	1
Heart_Failure	adipocyte	<i>TRIP10</i>	0.002273204	0.041331269	0.359147548	1
Heart_Failure	adipocyte	<i>TRMT2A</i>	0.008254662	0.049807843	0.373118697	1
Heart_Failure	adipocyte	<i>TRMT44</i>	0.005868381	0.002516534	0.263173565	1
Heart_Failure	adipocyte	<i>TRPM6</i>	-0.005693663	0.028365348	0.335665976	1
Heart_Failure	adipocyte	<i>TSFM</i>	0.005216679	0.04546896	0.370532004	1
Heart_Failure	adipocyte	<i>TSHZ2</i>	0.000561355	0.0102606	0.288809259	1
Heart_Failure	adipocyte	<i>TSKU</i>	0.004249486	0.042464832	0.362011179	1
Heart_Failure	adipocyte	<i>TTC14</i>	0.001295687	0.023925972	0.318135838	1
Heart_Failure	adipocyte	<i>TTC21B</i>	0.002407952	0.007968193	0.285819678	1
Heart_Failure	adipocyte	<i>TTC23</i>	0.003909788	0.024599396	0.318135838	1
Heart_Failure	adipocyte	<i>TTL11</i>	0.003591678	0.026717082	0.328521158	1
Heart_Failure	adipocyte	<i>TTPA</i>	0.008338457	0.022965263	0.3177486	1
Heart_Failure	adipocyte	<i>TUBG2</i>	0.004900724	0.048515252	0.373118697	1
Heart_Failure	adipocyte	<i>TUFT1</i>	0.011550468	0.029832497	0.339700664	1
Heart_Failure	adipocyte	<i>TULP3</i>	0.001968002	0.048470316	0.373118697	1
Heart_Failure	adipocyte	<i>TUSC5</i>	0.004318134	0.015486631	0.311298598	1
Heart_Failure	adipocyte	<i>TYMP</i>	-0.001814953	0.024428035	0.318135838	1
Heart_Failure	adipocyte	<i>UBASH3B</i>	-0.002433222	0.020514172	0.313022857	1
Heart_Failure	adipocyte	<i>UBN1</i>	-0.001489999	0.017534486	0.311477754	1
Heart_Failure	adipocyte	<i>UBXN2A</i>	0.003154128	0.042826086	0.362172975	1
Heart_Failure	adipocyte	<i>UCK1</i>	0.010716354	0.041492234	0.359147548	1
Heart_Failure	adipocyte	<i>UGGT2</i>	0.001779727	0.005466164	0.263173565	1
Heart_Failure	adipocyte	<i>UGP2</i>	0.001741871	0.007416731	0.282909941	1

Heart_Failure	adipocyte	<i>UPK1A</i>	0.021340137	0.040203284	0.35636211	1
Heart_Failure	adipocyte	<i>UROD</i>	0.008018923	0.024138799	0.318135838	1
Heart_Failure	adipocyte	<i>USP15</i>	-0.001008304	0.001555886	0.263173565	1
Heart_Failure	adipocyte	<i>USP30</i>	0.005029264	0.046446119	0.370532004	1
Heart_Failure	adipocyte	<i>USP40</i>	0.00313733	0.007185331	0.280379276	1
Heart_Failure	adipocyte	<i>USP54</i>	0.002939182	0.047791836	0.373118697	1
Heart_Failure	adipocyte	<i>UTS2B</i>	0.013653318	0.021874632	0.316727404	1
Heart_Failure	adipocyte	<i>VANGL1</i>	0.00666733	0.021696789	0.316727404	1
Heart_Failure	adipocyte	<i>VAX2</i>	0.0088282	0.032082097	0.344194912	1
Heart_Failure	adipocyte	<i>VCL</i>	0.001501173	0.035878765	0.348070616	1
Heart_Failure	adipocyte	<i>VEZT</i>	0.002835627	0.002504472	0.263173565	1
Heart_Failure	adipocyte	<i>VMP1</i>	-0.000626221	0.007925067	0.285819678	1
Heart_Failure	adipocyte	<i>VNN2</i>	-0.001865517	0.010126787	0.288809259	1
Heart_Failure	adipocyte	<i>VNN3</i>	-0.004475177	0.014915268	0.311202333	1
Heart_Failure	adipocyte	<i>VPS8</i>	-0.001525455	0.019846235	0.313022857	1
Heart_Failure	adipocyte	<i>VSIG10</i>	0.00643085	0.000259512	0.263173565	1
Heart_Failure	adipocyte	<i>VTI1B</i>	0.005572509	0.046421507	0.370532004	1
Heart_Failure	adipocyte	<i>WARS2</i>	0.002593325	0.040081561	0.35636211	1
Heart_Failure	adipocyte	<i>WASF3</i>	0.002561377	0.014262914	0.311202333	1
Heart_Failure	adipocyte	<i>WBP4</i>	0.003380415	0.030725049	0.341610033	1
Heart_Failure	adipocyte	<i>WDR19</i>	0.002850885	0.048781786	0.373118697	1
Heart_Failure	adipocyte	<i>WDR41</i>	0.003069204	0.017604256	0.311477754	1
Heart_Failure	adipocyte	<i>WDR60</i>	0.003142257	0.001307118	0.263173565	1
Heart_Failure	adipocyte	<i>WDR66</i>	0.006876749	0.04074494	0.356583761	1
Heart_Failure	adipocyte	<i>WDR86</i>	0.005366429	0.027998364	0.335665976	1
Heart_Failure	adipocyte	<i>WDR93</i>	0.003646011	0.024300775	0.318135838	1
Heart_Failure	adipocyte	<i>WDSUB1</i>	0.003460988	0.023975693	0.318135838	1
Heart_Failure	adipocyte	<i>WFS1</i>	0.004303807	0.037709342	0.352929213	1
Heart_Failure	adipocyte	<i>WIPF1</i>	-0.000973917	0.014428292	0.311202333	1
Heart_Failure	adipocyte	<i>WNT5A</i>	0.008247832	0.048529767	0.373118697	1
Heart_Failure	adipocyte	<i>WWTR1</i>	0.001525421	0.009652283	0.288809259	1
Heart_Failure	adipocyte	<i>XPO6</i>	-0.000967399	0.008147125	0.286572233	1
Heart_Failure	adipocyte	<i>XXYLTI</i>	0.004519006	0.031828081	0.343964277	1
Heart_Failure	adipocyte	<i>ZBTB38</i>	0.001464403	0.020863697	0.314059083	1
Heart_Failure	adipocyte	<i>ZC2HC1A</i>	0.002175113	0.025921754	0.325390246	1
Heart_Failure	adipocyte	<i>ZDBF2</i>	0.004913143	0.045294475	0.370159779	1
Heart_Failure	adipocyte	<i>ZDHHC11</i>	0.011285995	0.022776087	0.3177486	1
Heart_Failure	adipocyte	<i>ZDHHC11B</i>	0.007934904	0.010562347	0.288809259	1
Heart_Failure	adipocyte	<i>ZFAT</i>	-0.004201427	0.018229322	0.313022857	1
Heart_Failure	adipocyte	<i>ZFHX4</i>	0.002453951	0.002154335	0.263173565	1
Heart_Failure	adipocyte	<i>ZFP2</i>	0.007676491	0.028994595	0.338306035	1
Heart_Failure	adipocyte	<i>ZFP37</i>	0.011152878	0.031490577	0.343964277	1
Heart_Failure	adipocyte	<i>ZFP62</i>	0.005870396	0.039900038	0.35636211	1
Heart_Failure	adipocyte	<i>ZFPM2</i>	0.000719849	0.006519555	0.274176107	1
Heart_Failure	adipocyte	<i>ZKSCAN8</i>	0.005574309	0.026345555	0.327320243	1
Heart_Failure	adipocyte	<i>ZNF117</i>	0.002639668	0.034981216	0.346795782	1
Heart_Failure	adipocyte	<i>ZNF143</i>	-0.002951579	0.046792818	0.370867213	1
Heart_Failure	adipocyte	<i>ZNF200</i>	-0.008412648	0.018178462	0.313022857	1
Heart_Failure	adipocyte	<i>ZNF208</i>	0.003327553	0.029258404	0.338749277	1
Heart_Failure	adipocyte	<i>ZNF215</i>	0.012977717	0.003576843	0.263173565	1
Heart_Failure	adipocyte	<i>ZNF33A</i>	-0.003135756	0.004387128	0.263173565	1
Heart_Failure	adipocyte	<i>ZNF343</i>	0.00799594	0.033869168	0.345991179	1

Heart_Failure	adipocyte	<i>ZNF345</i>	0.002922977	0.024345877	0.318135838	1
Heart_Failure	adipocyte	<i>ZNF417</i>	0.007533547	0.038731512	0.354455612	1
Heart_Failure	adipocyte	<i>ZNF436</i>	0.009160758	0.014091075	0.311202333	1
Heart_Failure	adipocyte	<i>ZNF471</i>	0.005591825	0.028995481	0.338306035	1
Heart_Failure	adipocyte	<i>ZNF483</i>	0.006410142	0.005243869	0.263173565	1
Heart_Failure	adipocyte	<i>ZNF519</i>	0.003415942	0.02999363	0.339700664	1
Heart_Failure	adipocyte	<i>ZNF660</i>	0.015879186	0.004734177	0.263173565	1
Heart_Failure	adipocyte	<i>ZNF682</i>	0.007407469	0.0160607	0.311477754	1
Heart_Failure	adipocyte	<i>ZNF704</i>	0.000894403	0.037473322	0.352662315	1
Heart_Failure	adipocyte	<i>ZNF713</i>	0.027122314	0.041527938	0.359147548	1
Heart_Failure	adipocyte	<i>ZNF717</i>	0.004678831	0.013789776	0.311202333	1
Heart_Failure	adipocyte	<i>ZNF721</i>	0.001508036	0.026980933	0.330296155	1
Heart_Failure	adipocyte	<i>ZNF799</i>	0.019432851	0.041854739	0.36015346	1
Heart_Failure	adipocyte	<i>ZNF83</i>	0.002011481	0.039079289	0.355045486	1
Heart_Failure	adipocyte	<i>ZNF880</i>	0.005551108	0.02828392	0.335665976	1
Heart_Failure	adipocyte	<i>ZSCAN29</i>	0.007294942	0.039372087	0.355045486	1
Heart_Failure	adipocyte	<i>ZSWIM5</i>	0.003676649	0.037030517	0.351260903	1
Heart_Failure	adipocyte	<i>ICOSLG</i>	0.042188157	0.01610468	0.311477754	1
Heart_Failure	adipocyte	<i>IRX2</i>	0.019320428	0.034438383	0.346795782	1
Heart_Failure	adipocyte	<i>KRT24</i>	0.01849183	0.029040759	0.338306035	1
Heart_Failure	adipocyte	<i>IRX5</i>	0.015899386	0.03812061	0.353869708	1
Heart_Failure	adipocyte	<i>LCN2</i>	0.006027922	0.013954337	0.311202333	1
Heart_Failure	adipocyte	<i>HCG22</i>	0.003071262	0.040526911	0.356583761	1
Heart_Failure	ASPC	<i>A4GALT</i>	0.00602094	0.004585805	0.261845434	1
Heart_Failure	ASPC	<i>AADAC</i>	0.011930912	0.019201863	0.300960372	1
Heart_Failure	ASPC	<i>AADAT</i>	0.006177572	0.03088532	0.315299598	1
Heart_Failure	ASPC	<i>ABCA7</i>	-0.003504101	0.013112134	0.299331065	1
Heart_Failure	ASPC	<i>ABHD3</i>	-0.002659299	0.001484645	0.261344024	1
Heart_Failure	ASPC	<i>AC062017.1</i>	0.00673883	0.024543617	0.306172185	1
Heart_Failure	ASPC	<i>AC105020.1</i>	0.043617415	0.015717546	0.300960372	1
Heart_Failure	ASPC	<i>AC107021.1</i>	0.003559089	0.004215956	0.261344024	1
Heart_Failure	ASPC	<i>ACOT4</i>	0.017616454	0.005035621	0.263972534	1
Heart_Failure	ASPC	<i>ACSS3</i>	0.00195564	0.017111547	0.300960372	1
Heart_Failure	ASPC	<i>ACTR3</i>	-0.0014603	0.020565339	0.300960372	1
Heart_Failure	ASPC	<i>ACVRL1</i>	0.005739376	0.003686132	0.261344024	1
Heart_Failure	ASPC	<i>ACYP2</i>	0.00138778	0.025064254	0.306172185	1
Heart_Failure	ASPC	<i>ADAL</i>	0.003914284	0.023718165	0.306172185	1
Heart_Failure	ASPC	<i>ADAMTS12</i>	0.001089661	0.010831036	0.295441533	1
Heart_Failure	ASPC	<i>ADAMTS6</i>	0.002138379	0.043894829	0.34200195	1
Heart_Failure	ASPC	<i>ADAMTSL3</i>	0.001465732	0.012524985	0.296758867	1
Heart_Failure	ASPC	<i>ADCY10</i>	0.008735729	0.04379281	0.34200195	1
Heart_Failure	ASPC	<i>ADH1B</i>	0.001196107	0.013714549	0.299331065	1
Heart_Failure	ASPC	<i>AFF4</i>	0.002383243	0.007321266	0.275121432	1
Heart_Failure	ASPC	<i>AGAP3</i>	0.003558329	0.027460453	0.312578414	1
Heart_Failure	ASPC	<i>AGAP9</i>	0.011911853	0.017960715	0.300960372	1
Heart_Failure	ASPC	<i>AGBL3</i>	0.004588566	0.004095076	0.261344024	1
Heart_Failure	ASPC	<i>AGTPBP1</i>	-0.002023479	0.000969761	0.261344024	1
Heart_Failure	ASPC	<i>AIG1</i>	0.003735656	0.008282432	0.281638295	1
Heart_Failure	ASPC	<i>AK3</i>	0.002924373	0.030609642	0.315299598	1
Heart_Failure	ASPC	<i>AL590822.1</i>	0.006696781	0.038686477	0.325829838	1
Heart_Failure	ASPC	<i>ALG11</i>	0.006213709	0.035463547	0.32013619	1
Heart_Failure	ASPC	<i>ALPK1</i>	-0.00127135	0.033910905	0.319784436	1

Heart_Failure	ASPC	<i>ALS2CR12</i>	0.007853617	0.030912977	0.315299598	1
Heart_Failure	ASPC	<i>AMPD3</i>	-0.003191008	0.039591195	0.328606922	1
Heart_Failure	ASPC	<i>ANKK1</i>	0.017084595	0.048297075	0.354582947	1
Heart_Failure	ASPC	<i>ANKRD26</i>	0.003871084	0.005006697	0.263972534	1
Heart_Failure	ASPC	<i>ANKRD44</i>	-0.000708724	0.00084034	0.261344024	1
Heart_Failure	ASPC	<i>ANKRD6</i>	0.004181415	0.019416928	0.300960372	1
Heart_Failure	ASPC	<i>AOAH</i>	-0.000428925	0.041018882	0.332080182	1
Heart_Failure	ASPC	<i>AP4M1</i>	0.004582156	0.021758506	0.304147147	1
Heart_Failure	ASPC	<i>APBB1IP</i>	-0.000792398	0.001260658	0.261344024	1
Heart_Failure	ASPC	<i>ARHGAP9</i>	-0.003975637	0.001842805	0.261344024	1
Heart_Failure	ASPC	<i>ARHGDIB</i>	-0.00191156	0.013166001	0.299331065	1
Heart_Failure	ASPC	<i>ARHGEF19</i>	0.017164749	0.022168483	0.304549089	1
Heart_Failure	ASPC	<i>ARHGEF7</i>	0.001360927	0.023586724	0.306172185	1
Heart_Failure	ASPC	<i>ARL17B</i>	0.003291449	0.04684598	0.352988053	1
Heart_Failure	ASPC	<i>ARMC10</i>	0.005667665	0.01142805	0.295441533	1
Heart_Failure	ASPC	<i>ARSB</i>	-0.002391178	0.024853992	0.306172185	1
Heart_Failure	ASPC	<i>ASAH2B</i>	0.011545081	0.032895995	0.317074947	1
Heart_Failure	ASPC	<i>ASAP2</i>	0.001726233	0.018201537	0.300960372	1
Heart_Failure	ASPC	<i>ASAP3</i>	0.005505852	0.012130685	0.296758867	1
Heart_Failure	ASPC	<i>ASCC1</i>	0.004373106	0.014247252	0.299331065	1
Heart_Failure	ASPC	<i>ATE1</i>	0.002035886	0.027962479	0.315299598	1
Heart_Failure	ASPC	<i>ATF6</i>	-0.001554551	0.003396319	0.261344024	1
Heart_Failure	ASPC	<i>ATG14</i>	0.003527128	0.001219458	0.261344024	1
Heart_Failure	ASPC	<i>ATG7</i>	-0.000881065	0.015576628	0.300960372	1
Heart_Failure	ASPC	<i>ATL3</i>	0.001734313	0.049154518	0.354582947	1
Heart_Failure	ASPC	<i>ATP9A</i>	0.001733002	0.03740674	0.322889185	1
Heart_Failure	ASPC	<i>ATXN10</i>	0.001685255	0.043843357	0.34200195	1
Heart_Failure	ASPC	<i>ATXN2L</i>	0.003022154	0.025702024	0.30839336	1
Heart_Failure	ASPC	<i>ATXN3</i>	0.001617104	0.002128331	0.261344024	1
Heart_Failure	ASPC	<i>AURKC</i>	0.019450712	0.022899667	0.306172185	1
Heart_Failure	ASPC	<i>AUTS2</i>	0.000639419	0.014363594	0.299331065	1
Heart_Failure	ASPC	<i>AVEN</i>	0.005074627	0.001092625	0.261344024	1
Heart_Failure	ASPC	<i>B3GNTL1</i>	-0.003981048	0.030187105	0.315299598	1
Heart_Failure	ASPC	<i>B4GALNT1</i>	0.02092169	0.045994504	0.352240213	1
Heart_Failure	ASPC	<i>BASP1</i>	-0.001042381	0.029689423	0.315299598	1
Heart_Failure	ASPC	<i>BCAP29</i>	0.003869178	0.024156391	0.306172185	1
Heart_Failure	ASPC	<i>BCHE</i>	0.009074688	0.023306006	0.306172185	1
Heart_Failure	ASPC	<i>BCO2</i>	0.007793242	0.013790182	0.299331065	1
Heart_Failure	ASPC	<i>BMP1</i>	0.00450255	0.017104394	0.300960372	1
Heart_Failure	ASPC	<i>BNIP1</i>	0.006445193	0.046165714	0.352240213	1
Heart_Failure	ASPC	<i>BOK</i>	0.005417855	0.011310608	0.295441533	1
Heart_Failure	ASPC	<i>BPHL</i>	0.004588414	0.03186563	0.315299598	1
Heart_Failure	ASPC	<i>BTBD3</i>	0.004099253	0.020887471	0.300960372	1
Heart_Failure	ASPC	<i>BTBD6</i>	0.006533383	0.046374988	0.352240213	1
Heart_Failure	ASPC	<i>C10orf25</i>	0.037167683	0.003489592	0.261344024	1
Heart_Failure	ASPC	<i>C11orf74</i>	0.007056408	0.008759959	0.284508221	1
Heart_Failure	ASPC	<i>C12orf54</i>	0.019783132	0.00371333	0.261344024	1
Heart_Failure	ASPC	<i>C12orf60</i>	0.007159759	0.006757634	0.272862295	1
Heart_Failure	ASPC	<i>C14orf132</i>	0.005874682	0.032449064	0.317070493	1
Heart_Failure	ASPC	<i>C14orf79</i>	0.008676762	0.047901345	0.354582947	1
Heart_Failure	ASPC	<i>C15orf61</i>	-0.008478889	0.009611705	0.287516114	1
Heart_Failure	ASPC	<i>C16orf86</i>	0.00848074	0.031436515	0.315299598	1

Heart_Failure	ASPC	<i>C19orf12</i>	0.003881452	0.019444935	0.300960372	1
Heart_Failure	ASPC	<i>C1QTNF7</i>	0.002563847	0.010767977	0.295441533	1
Heart_Failure	ASPC	<i>C1orf123</i>	0.00433631	0.040968788	0.332080182	1
Heart_Failure	ASPC	<i>C1orf21</i>	0.00087157	0.016784766	0.300960372	1
Heart_Failure	ASPC	<i>C2CD2</i>	0.002443858	0.025017806	0.306172185	1
Heart_Failure	ASPC	<i>C2orf88</i>	0.003174344	0.016512401	0.300960372	1
Heart_Failure	ASPC	<i>C4orf45</i>	0.005249277	0.009475392	0.287436243	1
Heart_Failure	ASPC	<i>C5AR1</i>	-0.001305391	0.01332595	0.299331065	1
Heart_Failure	ASPC	<i>C5orf42</i>	0.001826138	0.033541542	0.319135507	1
Heart_Failure	ASPC	<i>C6</i>	0.003228331	0.007819763	0.277628839	1
Heart_Failure	ASPC	<i>C7</i>	0.004831419	0.034719358	0.319784436	1
Heart_Failure	ASPC	<i>C9orf64</i>	0.009154561	0.031590188	0.315299598	1
Heart_Failure	ASPC	<i>CA12</i>	0.008879198	0.036992514	0.322504031	1
Heart_Failure	ASPC	<i>CACNA2D1</i>	0.001066087	0.009843515	0.288009724	1
Heart_Failure	ASPC	<i>CAMK2N1</i>	0.005846586	0.045295462	0.349657938	1
Heart_Failure	ASPC	<i>CAMSAP2</i>	0.002282115	0.009722603	0.287635037	1
Heart_Failure	ASPC	<i>CANT1</i>	0.005654155	0.033256824	0.318498046	1
Heart_Failure	ASPC	<i>CAPN5</i>	0.009508699	0.037031596	0.322504031	1
Heart_Failure	ASPC	<i>CAPS2</i>	0.002297636	0.007874616	0.277628839	1
Heart_Failure	ASPC	<i>CAPZA2</i>	-0.002618176	0.031159149	0.315299598	1
Heart_Failure	ASPC	<i>CASC15</i>	0.001563967	0.041181074	0.332116194	1
Heart_Failure	ASPC	<i>CASP7</i>	0.004224435	0.020454621	0.300960372	1
Heart_Failure	ASPC	<i>CASP8</i>	-0.00196545	0.003511702	0.261344024	1
Heart_Failure	ASPC	<i>CAT</i>	0.001753307	0.042565174	0.337808074	1
Heart_Failure	ASPC	<i>CAV1</i>	0.001356509	0.031984472	0.315299598	1
Heart_Failure	ASPC	<i>CAV3</i>	0.006807326	0.039743995	0.328961376	1
Heart_Failure	ASPC	<i>CBL</i>	-0.002151163	0.006129545	0.270036901	1
Heart_Failure	ASPC	<i>CBR4</i>	0.001018142	0.022098221	0.304283339	1
Heart_Failure	ASPC	<i>CCBE1</i>	0.005408836	0.036213152	0.321559874	1
Heart_Failure	ASPC	<i>CCDC102B</i>	0.002023985	0.004837344	0.263972534	1
Heart_Failure	ASPC	<i>CCDC124</i>	0.00786942	0.042689936	0.338348883	1
Heart_Failure	ASPC	<i>CCDC171</i>	0.004222106	0.013783997	0.299331065	1
Heart_Failure	ASPC	<i>CCDC36</i>	0.005334947	0.002504596	0.261344024	1
Heart_Failure	ASPC	<i>CCDC50</i>	0.002969938	0.026187152	0.30839336	1
Heart_Failure	ASPC	<i>CCDC92</i>	0.003114007	0.022387418	0.305544368	1
Heart_Failure	ASPC	<i>CCT6B</i>	0.005835472	0.030722953	0.315299598	1
Heart_Failure	ASPC	<i>CD14</i>	-0.002459407	0.014439248	0.299331065	1
Heart_Failure	ASPC	<i>CDA</i>	-0.003379222	0.011517055	0.295441533	1
Heart_Failure	ASPC	<i>CDC42BPA</i>	0.001215396	0.003355813	0.261344024	1
Heart_Failure	ASPC	<i>CDC42EP5</i>	0.015888307	0.001509544	0.261344024	1
Heart_Failure	ASPC	<i>CDHR3</i>	0.003047567	0.00283824	0.261344024	1
Heart_Failure	ASPC	<i>CDON</i>	0.001993065	0.007573972	0.275121432	1
Heart_Failure	ASPC	<i>CEACAM4</i>	-0.006454833	0.02196054	0.304203223	1
Heart_Failure	ASPC	<i>CECR2</i>	0.003947633	0.011426512	0.295441533	1
Heart_Failure	ASPC	<i>CENPK</i>	-0.003582175	0.041842572	0.335189287	1
Heart_Failure	ASPC	<i>CENPV</i>	0.005917449	0.045537434	0.350685191	1
Heart_Failure	ASPC	<i>CEP112</i>	0.001401354	0.004226796	0.261344024	1
Heart_Failure	ASPC	<i>CEP89</i>	0.002989124	0.030664883	0.315299598	1
Heart_Failure	ASPC	<i>CHI3L1</i>	-0.003621014	0.036184049	0.321559874	1
Heart_Failure	ASPC	<i>CHRD12</i>	-0.013591151	0.026059169	0.30839336	1
Heart_Failure	ASPC	<i>CHST11</i>	-0.000779562	0.000605378	0.261344024	1
Heart_Failure	ASPC	<i>CHST2</i>	0.009205971	0.00809534	0.281638295	1

Heart_Failure	ASPC	<i>CIDEA</i>	0.0027411	0.048169351	0.354582947	1
Heart_Failure	ASPC	<i>CLDN10</i>	0.016728791	0.018493835	0.300960372	1
Heart_Failure	ASPC	<i>CLDN11</i>	0.002363479	0.039083059	0.325884287	1
Heart_Failure	ASPC	<i>CLEC4E</i>	-0.00209175	0.009409824	0.287436243	1
Heart_Failure	ASPC	<i>CLNS1A</i>	0.002564024	0.020166463	0.300960372	1
Heart_Failure	ASPC	<i>CLTCL1</i>	0.003892274	0.016562734	0.300960372	1
Heart_Failure	ASPC	<i>CMTM3</i>	-0.005277656	0.019174368	0.300960372	1
Heart_Failure	ASPC	<i>CMTM4</i>	0.007640035	0.010645078	0.295441533	1
Heart_Failure	ASPC	<i>CNRIP1</i>	0.002539384	0.022601441	0.306172185	1
Heart_Failure	ASPC	<i>CNTN2</i>	0.017584697	0.01383946	0.299331065	1
Heart_Failure	ASPC	<i>COBLL1</i>	0.000886895	0.037608842	0.323181395	1
Heart_Failure	ASPC	<i>COL12A1</i>	0.001760726	0.015827479	0.300960372	1
Heart_Failure	ASPC	<i>COL16A1</i>	0.003817816	0.03147634	0.315299598	1
Heart_Failure	ASPC	<i>COL24A1</i>	0.003820122	0.02578842	0.30839336	1
Heart_Failure	ASPC	<i>COL4A3</i>	0.004878388	0.03689849	0.322504031	1
Heart_Failure	ASPC	<i>COPG2</i>	0.004238262	0.006455845	0.270036901	1
Heart_Failure	ASPC	<i>COPS6</i>	0.004564672	0.008236241	0.281638295	1
Heart_Failure	ASPC	<i>COTL1</i>	-0.002527259	0.004600698	0.261845434	1
Heart_Failure	ASPC	<i>COX11</i>	0.004898986	0.014049705	0.299331065	1
Heart_Failure	ASPC	<i>COX7A2L</i>	0.002886336	0.025155713	0.306172185	1
Heart_Failure	ASPC	<i>CPNE3</i>	0.00346194	0.028939337	0.315299598	1
Heart_Failure	ASPC	<i>CPPED1</i>	-0.000839718	0.004341235	0.261344024	1
Heart_Failure	ASPC	<i>CPS1</i>	0.008362414	0.016617447	0.300960372	1
Heart_Failure	ASPC	<i>CPVL</i>	-0.000759555	0.038043769	0.323399095	1
Heart_Failure	ASPC	<i>CRELD2</i>	0.005315385	0.034327851	0.319784436	1
Heart_Failure	ASPC	<i>CREM</i>	-0.001614954	0.018532508	0.300960372	1
Heart_Failure	ASPC	<i>CRMPI</i>	0.005169837	0.008706506	0.284508221	1
Heart_Failure	ASPC	<i>CSMD1</i>	0.005557733	0.045900368	0.352118871	1
Heart_Failure	ASPC	<i>CSTB</i>	0.002929298	0.019111836	0.300960372	1
Heart_Failure	ASPC	<i>CTNNAL1</i>	0.005117755	0.013270013	0.299331065	1
Heart_Failure	ASPC	<i>CTSS</i>	-0.000827741	0.0113346	0.295441533	1
Heart_Failure	ASPC	<i>CTSZ</i>	-0.003674388	0.007304543	0.275121432	1
Heart_Failure	ASPC	<i>CTXN1</i>	0.025305801	0.030553451	0.315299598	1
Heart_Failure	ASPC	<i>CXCR4</i>	-0.00321904	0.034300978	0.319784436	1
Heart_Failure	ASPC	<i>CYP2C8</i>	0.046859908	0.015937918	0.300960372	1
Heart_Failure	ASPC	<i>CYP2U1</i>	0.006873576	0.01465585	0.299331065	1
Heart_Failure	ASPC	<i>CYP4F12</i>	0.007225358	0.038530517	0.325223689	1
Heart_Failure	ASPC	<i>CYP8B1</i>	0.005225814	0.020746795	0.300960372	1
Heart_Failure	ASPC	<i>CYTH1</i>	-0.000981426	0.010845993	0.295441533	1
Heart_Failure	ASPC	<i>DCAF13</i>	0.004123502	0.048435241	0.354582947	1
Heart_Failure	ASPC	<i>DCAF4</i>	0.012844058	0.020781076	0.300960372	1
Heart_Failure	ASPC	<i>DCBLD2</i>	0.003138311	0.003603098	0.261344024	1
Heart_Failure	ASPC	<i>DCLK2</i>	0.003498018	0.012388367	0.296758867	1
Heart_Failure	ASPC	<i>DCST2</i>	0.009803434	0.043858475	0.34200195	1
Heart_Failure	ASPC	<i>DDI2</i>	0.00292237	0.035017134	0.319784436	1
Heart_Failure	ASPC	<i>DDRKG1</i>	0.005348691	0.019104883	0.300960372	1
Heart_Failure	ASPC	<i>DDX20</i>	0.004099777	0.029705456	0.315299598	1
Heart_Failure	ASPC	<i>DDX56</i>	0.004567251	0.03785592	0.323181395	1
Heart_Failure	ASPC	<i>DFNA5</i>	0.007405785	0.025414431	0.308066209	1
Heart_Failure	ASPC	<i>DHCR24</i>	0.013443857	0.015007991	0.300960372	1
Heart_Failure	ASPC	<i>DHODH</i>	0.006055516	0.048863059	0.354582947	1
Heart_Failure	ASPC	<i>DHRS12</i>	0.006080937	0.005191668	0.26746039	1

Heart_Failure	ASPC	<i>DHX34</i>	-0.002681592	0.003609854	0.261344024	1
Heart_Failure	ASPC	<i>DIAPH1</i>	-0.001379507	0.023778534	0.306172185	1
Heart_Failure	ASPC	<i>DIRC3</i>	0.001500089	0.002280833	0.261344024	1
Heart_Failure	ASPC	<i>DKK3</i>	0.006329577	0.016879376	0.300960372	1
Heart_Failure	ASPC	<i>DLG5</i>	0.003392265	0.014688404	0.299331065	1
Heart_Failure	ASPC	<i>DMGDH</i>	0.003055554	0.04887184	0.354582947	1
Heart_Failure	ASPC	<i>DMTF1</i>	0.0015074	0.029997778	0.315299598	1
Heart_Failure	ASPC	<i>DNAH5</i>	0.005515102	0.03797573	0.323399095	1
Heart_Failure	ASPC	<i>DNAJB12</i>	0.004332418	0.023502494	0.306172185	1
Heart_Failure	ASPC	<i>DNAJB14</i>	-0.0025455	0.016181954	0.300960372	1
Heart_Failure	ASPC	<i>DOCK1</i>	0.001456711	0.000736998	0.261344024	1
Heart_Failure	ASPC	<i>DOCK6</i>	0.002432147	0.043251119	0.341889798	1
Heart_Failure	ASPC	<i>DOCK7</i>	0.002154434	0.037750967	0.323181395	1
Heart_Failure	ASPC	<i>DOCK8</i>	-0.000648525	0.003818786	0.261344024	1
Heart_Failure	ASPC	<i>DPY19L4</i>	0.005146473	0.009439999	0.287436243	1
Heart_Failure	ASPC	<i>DTWD1</i>	0.002612687	0.030491645	0.315299598	1
Heart_Failure	ASPC	<i>DTX1</i>	0.005404696	0.016677495	0.300960372	1
Heart_Failure	ASPC	<i>DYNC2LI1</i>	0.002947096	0.012720767	0.296758867	1
Heart_Failure	ASPC	<i>DYRK3</i>	0.008130427	0.010063575	0.288009724	1
Heart_Failure	ASPC	<i>DZIP1</i>	0.003058174	0.029897468	0.315299598	1
Heart_Failure	ASPC	<i>EBPL</i>	0.005332739	0.037773384	0.323181395	1
Heart_Failure	ASPC	<i>ECHDC2</i>	0.001283527	0.043812156	0.34200195	1
Heart_Failure	ASPC	<i>ECHDC3</i>	0.00544723	0.00778069	0.277628839	1
Heart_Failure	ASPC	<i>ECM2</i>	0.001633595	0.048289436	0.354582947	1
Heart_Failure	ASPC	<i>EFCAB13</i>	0.002469929	0.023383049	0.306172185	1
Heart_Failure	ASPC	<i>EFCAB6</i>	0.005012472	0.01161168	0.295441533	1
Heart_Failure	ASPC	<i>EFEMP1</i>	0.001747255	0.003009823	0.261344024	1
Heart_Failure	ASPC	<i>EFNB3</i>	0.016182386	0.049962014	0.354582947	1
Heart_Failure	ASPC	<i>EGFR</i>	0.00141987	0.004461658	0.261344024	1
Heart_Failure	ASPC	<i>ELL</i>	-0.00264473	0.008294568	0.281638295	1
Heart_Failure	ASPC	<i>EMB</i>	-0.001246148	0.033997318	0.319784436	1
Heart_Failure	ASPC	<i>EPB41</i>	-0.000952339	0.034532079	0.319784436	1
Heart_Failure	ASPC	<i>EPB41L4A</i>	0.001127618	0.029772207	0.315299598	1
Heart_Failure	ASPC	<i>EPDR1</i>	0.004370603	0.002486648	0.261344024	1
Heart_Failure	ASPC	<i>EPHB1</i>	-0.000688088	0.027234499	0.312578414	1
Heart_Failure	ASPC	<i>EPN2</i>	0.001510156	0.008281733	0.281638295	1
Heart_Failure	ASPC	<i>EPYC</i>	0.038691647	0.04296917	0.340110944	1
Heart_Failure	ASPC	<i>ERI2</i>	0.004050993	0.025030568	0.306172185	1
Heart_Failure	ASPC	<i>ETFDH</i>	0.002575257	0.017238513	0.300960372	1
Heart_Failure	ASPC	<i>ETV6</i>	-0.000777921	0.049760635	0.354582947	1
Heart_Failure	ASPC	<i>EXOC3L4</i>	0.011394989	0.029053774	0.315299598	1
Heart_Failure	ASPC	<i>EZH1</i>	0.00311577	0.005884956	0.270036901	1
Heart_Failure	ASPC	<i>FAAH</i>	0.007851523	0.043311292	0.341913188	1
Heart_Failure	ASPC	<i>FAM111A</i>	-0.002173072	0.017402322	0.300960372	1
Heart_Failure	ASPC	<i>FAM114A1</i>	0.003011568	0.010620423	0.295441533	1
Heart_Failure	ASPC	<i>FAM126A</i>	0.001551431	0.033332543	0.318712442	1
Heart_Failure	ASPC	<i>FAM229B</i>	0.007612091	0.029051303	0.315299598	1
Heart_Failure	ASPC	<i>FAM47E-STBD1</i>	0.014729742	0.018084688	0.300960372	1
Heart_Failure	ASPC	<i>FAM71F2</i>	0.007990444	0.00965346	0.287516114	1
Heart_Failure	ASPC	<i>FAM83F</i>	0.010387504	0.020064806	0.300960372	1
Heart_Failure	ASPC	<i>FBLN7</i>	0.00533123	0.034312157	0.319784436	1
Heart_Failure	ASPC	<i>FBXO17</i>	0.00395058	0.017965757	0.300960372	1

Heart_Failure	ASPC	<i>FCAR</i>	-0.003599379	0.02554029	0.30839336	1
Heart_Failure	ASPC	<i>FEM1B</i>	0.005190353	0.034523716	0.319784436	1
Heart_Failure	ASPC	<i>FFAR4</i>	0.00652097	0.016997321	0.300960372	1
Heart_Failure	ASPC	<i>FGD6</i>	0.002546283	0.043495622	0.34200195	1
Heart_Failure	ASPC	<i>FGF10</i>	0.003863456	0.016331795	0.300960372	1
Heart_Failure	ASPC	<i>FGFR1</i>	0.001558957	0.009209948	0.287436243	1
Heart_Failure	ASPC	<i>FHOD3</i>	0.002394798	0.041355383	0.333072464	1
Heart_Failure	ASPC	<i>FILIP1</i>	0.001484179	0.040980923	0.332080182	1
Heart_Failure	ASPC	<i>FKBP10</i>	0.004966262	0.031443194	0.315299598	1
Heart_Failure	ASPC	<i>FLRT2</i>	0.00113228	0.014776216	0.299331065	1
Heart_Failure	ASPC	<i>FMO2</i>	0.002062402	0.034521981	0.319784436	1
Heart_Failure	ASPC	<i>FNBP1</i>	-0.001026929	0.012268223	0.296758867	1
Heart_Failure	ASPC	<i>FOLH1</i>	0.022592734	0.021833749	0.304147147	1
Heart_Failure	ASPC	<i>FOXO6</i>	0.009148508	0.005938178	0.270036901	1
Heart_Failure	ASPC	<i>FOXP2</i>	0.001665033	0.001582805	0.261344024	1
Heart_Failure	ASPC	<i>FPR1</i>	-0.00183729	0.00579327	0.270036901	1
Heart_Failure	ASPC	<i>FREMI</i>	0.001295032	0.028816364	0.315299598	1
Heart_Failure	ASPC	<i>FRRS1L</i>	0.024350828	0.029662755	0.315299598	1
Heart_Failure	ASPC	<i>FSIP2</i>	0.005166998	0.029887501	0.315299598	1
Heart_Failure	ASPC	<i>FXYD6</i>	0.008469074	0.026773445	0.310374007	1
Heart_Failure	ASPC	<i>GATAD1</i>	0.002470869	0.015720236	0.300960372	1
Heart_Failure	ASPC	<i>GBP5</i>	-0.003705817	0.004504423	0.261344024	1
Heart_Failure	ASPC	<i>GCSH</i>	0.01183221	0.019908035	0.300960372	1
Heart_Failure	ASPC	<i>GEMIN5</i>	0.00461741	0.036136694	0.321559874	1
Heart_Failure	ASPC	<i>GHR</i>	0.001093965	0.006932649	0.274613792	1
Heart_Failure	ASPC	<i>GLIPR1</i>	-0.002900998	0.002392141	0.261344024	1
Heart_Failure	ASPC	<i>GLIPR1L1</i>	0.004476896	0.034232193	0.319784436	1
Heart_Failure	ASPC	<i>GLIS1</i>	0.007743637	0.011156187	0.295441533	1
Heart_Failure	ASPC	<i>GLOD4</i>	-0.009529543	0.006566779	0.270036901	1
Heart_Failure	ASPC	<i>GLRX</i>	0.001738661	0.020160178	0.300960372	1
Heart_Failure	ASPC	<i>GLT8D1</i>	0.004503119	0.035226524	0.319784436	1
Heart_Failure	ASPC	<i>GMPPB</i>	0.008295442	0.010897617	0.295441533	1
Heart_Failure	ASPC	<i>GNA12</i>	0.002074439	0.049355337	0.354582947	1
Heart_Failure	ASPC	<i>GNPDA2</i>	0.004134275	0.032842476	0.317070493	1
Heart_Failure	ASPC	<i>GOLGA6L4</i>	0.016454638	0.024747552	0.306172185	1
Heart_Failure	ASPC	<i>GORASP1</i>	0.009484829	0.02478736	0.306172185	1
Heart_Failure	ASPC	<i>GPATCH1</i>	0.005531418	0.019335822	0.300960372	1
Heart_Failure	ASPC	<i>GPLD1</i>	0.006716841	0.029745563	0.315299598	1
Heart_Failure	ASPC	<i>GPR135</i>	0.004668874	0.048870444	0.354582947	1
Heart_Failure	ASPC	<i>GPR158</i>	0.014243301	0.01470902	0.299331065	1
Heart_Failure	ASPC	<i>GPR180</i>	0.004577576	0.020756159	0.300960372	1
Heart_Failure	ASPC	<i>GPT2</i>	0.003365183	0.030746805	0.315299598	1
Heart_Failure	ASPC	<i>GRAMD1C</i>	-0.003893605	0.006582454	0.270036901	1
Heart_Failure	ASPC	<i>GREB1L</i>	0.002429294	0.006981503	0.274613792	1
Heart_Failure	ASPC	<i>GRK4</i>	0.004423783	0.01929144	0.300960372	1
Heart_Failure	ASPC	<i>GRM7</i>	0.006548219	0.008983573	0.287259705	1
Heart_Failure	ASPC	<i>GRTP1</i>	0.007226324	0.004449137	0.261344024	1
Heart_Failure	ASPC	<i>GSK3B</i>	-0.001834167	0.023003664	0.306172185	1
Heart_Failure	ASPC	<i>GSS</i>	0.006947311	0.039057181	0.325884287	1
Heart_Failure	ASPC	<i>GSTM2</i>	0.004297242	0.032607956	0.317070493	1
Heart_Failure	ASPC	<i>GTF2IRD1</i>	0.004665156	0.014930064	0.300960372	1
Heart_Failure	ASPC	<i>GTPBP3</i>	-0.016228515	0.008567228	0.284508221	1

Heart_Failure	ASPC	<i>GXYLT2</i>	0.004075557	0.010048303	0.288009724	1
Heart_Failure	ASPC	<i>GYPC</i>	0.002297976	0.020739266	0.300960372	1
Heart_Failure	ASPC	<i>GYPE</i>	0.014721538	0.017879346	0.300960372	1
Heart_Failure	ASPC	<i>H3F3A</i>	-0.00309612	0.031356357	0.315299598	1
Heart_Failure	ASPC	<i>HAAO</i>	0.005423011	0.016658939	0.300960372	1
Heart_Failure	ASPC	<i>HACE1</i>	0.002441018	0.028275149	0.315299598	1
Heart_Failure	ASPC	<i>HCLSI</i>	-0.002132103	0.000167479	0.261344024	1
Heart_Failure	ASPC	<i>HDDC3</i>	0.008367536	0.024350703	0.306172185	1
Heart_Failure	ASPC	<i>HEMK1</i>	0.006992212	0.019064368	0.300960372	1
Heart_Failure	ASPC	<i>HFM1</i>	0.003565666	0.025106354	0.306172185	1
Heart_Failure	ASPC	<i>HIBADH</i>	0.002090743	0.020149361	0.300960372	1
Heart_Failure	ASPC	<i>HIBCH</i>	0.001314455	0.032488624	0.317070493	1
Heart_Failure	ASPC	<i>HID1</i>	0.005564904	0.028396351	0.315299598	1
Heart_Failure	ASPC	<i>HIF3A</i>	0.00138109	0.043403798	0.34200195	1
Heart_Failure	ASPC	<i>HIST1H4E</i>	-0.014704483	0.004483956	0.261344024	1
Heart_Failure	ASPC	<i>HLA-A</i>	-0.000926941	0.018427035	0.300960372	1
Heart_Failure	ASPC	<i>HLA-B</i>	-0.00085571	0.00261587	0.261344024	1
Heart_Failure	ASPC	<i>HLA-C</i>	-0.000943736	0.022361551	0.305544368	1
Heart_Failure	ASPC	<i>HLA-DQB1</i>	-0.001172686	0.049167217	0.354582947	1
Heart_Failure	ASPC	<i>HLA-DRB1</i>	-0.000807025	0.030266288	0.315299598	1
Heart_Failure	ASPC	<i>HLA-DRB5</i>	-0.001719211	0.022394316	0.305544368	1
Heart_Failure	ASPC	<i>HLA-E</i>	-0.00101496	0.047942794	0.354582947	1
Heart_Failure	ASPC	<i>HLTF</i>	0.004957712	0.000888528	0.261344024	1
Heart_Failure	ASPC	<i>HMGN2</i>	0.005631287	0.003453196	0.261344024	1
Heart_Failure	ASPC	<i>HOXA6</i>	0.007163231	0.020548012	0.300960372	1
Heart_Failure	ASPC	<i>HOXB6</i>	0.006871925	0.046460727	0.352240213	1
Heart_Failure	ASPC	<i>HOXB7</i>	0.008880845	0.026632489	0.310245133	1
Heart_Failure	ASPC	<i>HOXD3</i>	0.005134895	0.005179895	0.26746039	1
Heart_Failure	ASPC	<i>HRASLS5</i>	0.004427829	0.042440867	0.337269446	1
Heart_Failure	ASPC	<i>HSD17B12</i>	0.003631737	0.033187354	0.3183429	1
Heart_Failure	ASPC	<i>HSD17B4</i>	0.002258903	0.025004936	0.306172185	1
Heart_Failure	ASPC	<i>HSPA12A</i>	0.002436925	0.014042106	0.299331065	1
Heart_Failure	ASPC	<i>HSPG2</i>	0.001249596	0.00175809	0.261344024	1
Heart_Failure	ASPC	<i>ICAM3</i>	-0.004856748	0.017360628	0.300960372	1
Heart_Failure	ASPC	<i>ICAM5</i>	0.03616892	0.045046278	0.348249104	1
Heart_Failure	ASPC	<i>IFI27L1</i>	0.005916761	0.034490176	0.319784436	1
Heart_Failure	ASPC	<i>IFNAR2</i>	-0.00139903	0.013939598	0.299331065	1
Heart_Failure	ASPC	<i>IFT140</i>	0.003623634	0.024434708	0.306172185	1
Heart_Failure	ASPC	<i>IGDCC4</i>	0.011112298	0.023754551	0.306172185	1
Heart_Failure	ASPC	<i>IGF2R</i>	-0.000761252	0.018573594	0.300960372	1
Heart_Failure	ASPC	<i>IGFLR1</i>	0.016738827	0.027718824	0.314351547	1
Heart_Failure	ASPC	<i>IL17RA</i>	-0.00181775	0.006597287	0.270036901	1
Heart_Failure	ASPC	<i>IL34</i>	0.005696553	0.03007555	0.315299598	1
Heart_Failure	ASPC	<i>IL4</i>	-0.021572688	0.049722718	0.354582947	1
Heart_Failure	ASPC	<i>INO80C</i>	0.008659909	0.036616109	0.322465434	1
Heart_Failure	ASPC	<i>INPP4A</i>	-0.001016651	0.049381205	0.354582947	1
Heart_Failure	ASPC	<i>INTS4</i>	0.003029716	0.044807128	0.347298829	1
Heart_Failure	ASPC	<i>INVS</i>	0.00198749	0.00924499	0.287436243	1
Heart_Failure	ASPC	<i>IQGAP1</i>	-0.001064304	0.007371653	0.275121432	1
Heart_Failure	ASPC	<i>IRF2BPL</i>	0.009391434	0.033590401	0.319135507	1
Heart_Failure	ASPC	<i>IRX3</i>	0.011726381	0.031584759	0.315299598	1
Heart_Failure	ASPC	<i>ISG20</i>	-0.005123909	0.000440754	0.261344024	1

Heart_Failure	ASPC	<i>ITGB2</i>	-0.001667002	0.041021747	0.332080182	1
Heart_Failure	ASPC	<i>ITGB3BP</i>	0.00193807	0.039992237	0.330101672	1
Heart_Failure	ASPC	<i>JAKMIP3</i>	0.022608823	0.026322824	0.30839336	1
Heart_Failure	ASPC	<i>KANK2</i>	0.002310308	0.016451794	0.300960372	1
Heart_Failure	ASPC	<i>KANK4</i>	0.006798637	0.010674022	0.295441533	1
Heart_Failure	ASPC	<i>KBTD2</i>	-0.004194453	0.018893196	0.300960372	1
Heart_Failure	ASPC	<i>KCNAB2</i>	-0.001953023	0.021884751	0.304147147	1
Heart_Failure	ASPC	<i>KCNB2</i>	0.002036366	0.041628463	0.334412542	1
Heart_Failure	ASPC	<i>KCNIP2</i>	0.004195354	0.007222528	0.275121432	1
Heart_Failure	ASPC	<i>KCNJ15</i>	-0.000704454	0.019633908	0.300960372	1
Heart_Failure	ASPC	<i>KCNMB3</i>	0.006405482	0.012453823	0.296758867	1
Heart_Failure	ASPC	<i>KCNN3</i>	0.003060487	0.019666522	0.300960372	1
Heart_Failure	ASPC	<i>KCNT2</i>	0.003279848	0.030810786	0.315299598	1
Heart_Failure	ASPC	<i>KCNU1</i>	0.01269568	0.005928943	0.270036901	1
Heart_Failure	ASPC	<i>KIAA1324L</i>	0.002558804	0.034635973	0.319784436	1
Heart_Failure	ASPC	<i>KIF17</i>	0.015243211	0.004729919	0.263972534	1
Heart_Failure	ASPC	<i>KLF14</i>	-0.016719982	0.031343486	0.315299598	1
Heart_Failure	ASPC	<i>KLHDC10</i>	0.002236664	0.040158933	0.330564441	1
Heart_Failure	ASPC	<i>KLHL31</i>	0.004012328	0.007106169	0.275121432	1
Heart_Failure	ASPC	<i>L3HYPDH</i>	0.00492902	0.018525411	0.300960372	1
Heart_Failure	ASPC	<i>L3MBTL4</i>	0.001142192	0.031085598	0.315299598	1
Heart_Failure	ASPC	<i>LAMA4</i>	0.000987428	0.002044641	0.261344024	1
Heart_Failure	ASPC	<i>LAMB1</i>	0.002130798	0.015272603	0.300960372	1
Heart_Failure	ASPC	<i>LAMB2</i>	0.002852156	0.014747274	0.299331065	1
Heart_Failure	ASPC	<i>LAPTM5</i>	-0.001830679	0.035448853	0.32013619	1
Heart_Failure	ASPC	<i>LCA5L</i>	0.007600138	0.008595498	0.284508221	1
Heart_Failure	ASPC	<i>LCP2</i>	-0.001437693	0.002028635	0.261344024	1
Heart_Failure	ASPC	<i>LDHA</i>	0.004153528	0.002694961	0.261344024	1
Heart_Failure	ASPC	<i>LDHC</i>	0.02315857	0.006362695	0.270036901	1
Heart_Failure	ASPC	<i>LDLRAD2</i>	0.00773292	0.004106742	0.261344024	1
Heart_Failure	ASPC	<i>LILRB3</i>	-0.002273507	0.001549106	0.261344024	1
Heart_Failure	ASPC	<i>LIMA1</i>	0.001012403	0.005837735	0.270036901	1
Heart_Failure	ASPC	<i>LIMS1</i>	0.00137286	0.020751704	0.300960372	1
Heart_Failure	ASPC	<i>LINC00174</i>	0.002292896	0.01270214	0.296758867	1
Heart_Failure	ASPC	<i>LINC00240</i>	0.006432155	0.030978125	0.315299598	1
Heart_Failure	ASPC	<i>LINC00472</i>	0.00598695	0.013294458	0.299331065	1
Heart_Failure	ASPC	<i>LINC00603</i>	0.018337508	0.017726179	0.300960372	1
Heart_Failure	ASPC	<i>LINC00663</i>	0.008849777	0.041923751	0.335390006	1
Heart_Failure	ASPC	<i>LINC00665</i>	0.006304885	0.021686	0.304147147	1
Heart_Failure	ASPC	<i>LINC00937</i>	-0.004215753	0.038153744	0.32359226	1
Heart_Failure	ASPC	<i>LINC00942</i>	0.042873793	0.04651879	0.352240213	1
Heart_Failure	ASPC	<i>LINC00969</i>	0.001951583	0.023622344	0.306172185	1
Heart_Failure	ASPC	<i>LINC01117</i>	0.004371864	0.013615065	0.299331065	1
Heart_Failure	ASPC	<i>LINC01139</i>	0.04334333	0.008868393	0.286473077	1
Heart_Failure	ASPC	<i>LIPT2</i>	0.019004858	0.040466556	0.331522798	1
Heart_Failure	ASPC	<i>LITAF</i>	-0.000959073	0.005754453	0.270036901	1
Heart_Failure	ASPC	<i>LMO3</i>	0.002401338	0.000750925	0.261344024	1
Heart_Failure	ASPC	<i>LMX1A</i>	0.00406116	0.031584736	0.315299598	1
Heart_Failure	ASPC	<i>LRFN5</i>	0.003507285	0.024057231	0.306172185	1
Heart_Failure	ASPC	<i>LRMP</i>	-0.001423526	0.009101889	0.287436243	1
Heart_Failure	ASPC	<i>LRP11</i>	0.004114123	0.003408375	0.261344024	1
Heart_Failure	ASPC	<i>LRRIC15</i>	0.009018309	0.033492794	0.319135507	1

Heart_Failure	ASPC	<i>LRRC25</i>	-0.005779058	0.016756899	0.300960372	1
Heart_Failure	ASPC	<i>LRRC34</i>	0.008817237	0.001416659	0.261344024	1
Heart_Failure	ASPC	<i>LRRK2</i>	-0.000635075	0.016270673	0.300960372	1
Heart_Failure	ASPC	<i>LRWD1</i>	0.018637048	0.041084481	0.332080182	1
Heart_Failure	ASPC	<i>LSS</i>	0.003839971	0.037075012	0.322504031	1
Heart_Failure	ASPC	<i>LURAPIL</i>	0.003396936	0.003742853	0.261344024	1
Heart_Failure	ASPC	<i>LYZ</i>	-0.00104075	0.032595504	0.317070493	1
Heart_Failure	ASPC	<i>MAATS1</i>	0.007200284	0.036584166	0.322465434	1
Heart_Failure	ASPC	<i>MADCAM1</i>	0.005290282	0.017499745	0.300960372	1
Heart_Failure	ASPC	<i>MANEA</i>	0.006171923	0.023618063	0.306172185	1
Heart_Failure	ASPC	<i>MAP1LC3A</i>	0.003666384	0.021000749	0.300960372	1
Heart_Failure	ASPC	<i>MAP2K5</i>	0.001304689	0.044495769	0.345342572	1
Heart_Failure	ASPC	<i>MAP3K5</i>	-0.001438484	0.002120545	0.261344024	1
Heart_Failure	ASPC	<i>MAP4K5</i>	0.001361454	0.04241044	0.337269446	1
Heart_Failure	ASPC	<i>MAPK8IP2</i>	0.036030403	0.030420193	0.315299598	1
Heart_Failure	ASPC	<i>MBNL1</i>	-0.000647352	0.021717546	0.304147147	1
Heart_Failure	ASPC	<i>MCFD2</i>	0.004365515	0.022968859	0.306172185	1
Heart_Failure	ASPC	<i>MDN1</i>	0.00248714	0.031892754	0.315299598	1
Heart_Failure	ASPC	<i>ME3</i>	0.004213743	0.006018689	0.270036901	1
Heart_Failure	ASPC	<i>MEA1</i>	0.017972677	0.046456612	0.352240213	1
Heart_Failure	ASPC	<i>MED13</i>	0.001524943	0.047997791	0.354582947	1
Heart_Failure	ASPC	<i>MEGF9</i>	-0.000900612	0.026325796	0.30839336	1
Heart_Failure	ASPC	<i>MEST</i>	0.00201998	0.028622845	0.315299598	1
Heart_Failure	ASPC	<i>METTL15</i>	0.002838963	0.003259703	0.261344024	1
Heart_Failure	ASPC	<i>MFAP3</i>	0.003364517	0.030671425	0.315299598	1
Heart_Failure	ASPC	<i>MIPOL1</i>	0.002432377	0.006091344	0.270036901	1
Heart_Failure	ASPC	<i>MKKS</i>	0.004286941	0.014404473	0.299331065	1
Heart_Failure	ASPC	<i>MLF1</i>	0.00394416	0.031876928	0.315299598	1
Heart_Failure	ASPC	<i>MLXIPL</i>	0.00148183	0.037497506	0.322889185	1
Heart_Failure	ASPC	<i>MMP16</i>	0.002282929	0.012787956	0.296758867	1
Heart_Failure	ASPC	<i>MMP25</i>	-0.002796425	0.00750472	0.275121432	1
Heart_Failure	ASPC	<i>MNAT1</i>	0.001722515	0.026421921	0.30839336	1
Heart_Failure	ASPC	<i>MOCOS</i>	0.013031619	0.038897984	0.325884287	1
Heart_Failure	ASPC	<i>MRAS</i>	0.004505258	0.004866914	0.263972534	1
Heart_Failure	ASPC	<i>MRPS23</i>	0.01040028	0.010395027	0.294410811	1
Heart_Failure	ASPC	<i>MRPS26</i>	0.005078665	0.028994424	0.315299598	1
Heart_Failure	ASPC	<i>MT1A</i>	0.013994246	0.044879108	0.347406151	1
Heart_Failure	ASPC	<i>MT1G</i>	0.03328495	0.0357357	0.320352439	1
Heart_Failure	ASPC	<i>MTFR1L</i>	0.006071504	0.040608214	0.331522798	1
Heart_Failure	ASPC	<i>MTHFSD</i>	0.005065727	0.020139476	0.300960372	1
Heart_Failure	ASPC	<i>MTMR3</i>	-0.001526221	0.025025205	0.306172185	1
Heart_Failure	ASPC	<i>MTR</i>	0.002144144	0.006568117	0.270036901	1
Heart_Failure	ASPC	<i>MTUS1</i>	0.002087465	0.005898875	0.270036901	1
Heart_Failure	ASPC	<i>MUC4</i>	0.008725333	0.032813065	0.317070493	1
Heart_Failure	ASPC	<i>MUM1</i>	0.002781319	0.029063548	0.315299598	1
Heart_Failure	ASPC	<i>MVB12A</i>	0.006953928	0.024678136	0.306172185	1
Heart_Failure	ASPC	<i>MX2</i>	-0.001263867	0.018253452	0.300960372	1
Heart_Failure	ASPC	<i>MYO1F</i>	-0.000718966	0.000839338	0.261344024	1
Heart_Failure	ASPC	<i>MYO5B</i>	0.008696504	0.004264422	0.261344024	1
Heart_Failure	ASPC	<i>MYO6</i>	0.001905327	0.027439167	0.312578414	1
Heart_Failure	ASPC	<i>MZT2A</i>	0.004475431	0.049720544	0.354582947	1
Heart_Failure	ASPC	<i>N4BP2L2</i>	-0.00133417	0.016406	0.300960372	1

Heart_Failure	ASPC	<i>N6AMT1</i>	0.008766709	0.027242293	0.312578414	1
Heart_Failure	ASPC	<i>NAALAD2</i>	0.003819307	0.013596898	0.299331065	1
Heart_Failure	ASPC	<i>NACAD</i>	0.020814812	0.026098932	0.30839336	1
Heart_Failure	ASPC	<i>NALCN</i>	0.003824795	0.006280436	0.270036901	1
Heart_Failure	ASPC	<i>NAPIL5</i>	0.017338159	0.029283014	0.315299598	1
Heart_Failure	ASPC	<i>NBEAL1</i>	0.001244222	0.002029345	0.261344024	1
Heart_Failure	ASPC	<i>NBPF1</i>	0.004563067	0.047773759	0.354582947	1
Heart_Failure	ASPC	<i>NBPF3</i>	0.005464366	0.019928667	0.300960372	1
Heart_Failure	ASPC	<i>NCAM2</i>	0.004181395	0.025086232	0.306172185	1
Heart_Failure	ASPC	<i>NCF4</i>	-0.002708733	0.035847314	0.320352439	1
Heart_Failure	ASPC	<i>NCKAP1</i>	0.001274177	0.029006582	0.315299598	1
Heart_Failure	ASPC	<i>NCL</i>	0.002248265	0.046337398	0.352240213	1
Heart_Failure	ASPC	<i>NDNF</i>	0.006414809	0.020939038	0.300960372	1
Heart_Failure	ASPC	<i>NDUFV3</i>	0.002597278	0.04578732	0.351703115	1
Heart_Failure	ASPC	<i>NEIL1</i>	0.004514844	0.023974516	0.306172185	1
Heart_Failure	ASPC	<i>NEK1</i>	0.001817598	0.037999098	0.323399095	1
Heart_Failure	ASPC	<i>NEK11</i>	0.002907563	0.015133774	0.300960372	1
Heart_Failure	ASPC	<i>NELL2</i>	-0.002377063	0.01118199	0.295441533	1
Heart_Failure	ASPC	<i>NEXN</i>	0.002081147	0.028551584	0.315299598	1
Heart_Failure	ASPC	<i>NFIA</i>	0.000947746	0.002472604	0.261344024	1
Heart_Failure	ASPC	<i>NFIX</i>	0.003351445	0.005398378	0.270036901	1
Heart_Failure	ASPC	<i>NINJ1</i>	-0.004833689	0.021563785	0.304147147	1
Heart_Failure	ASPC	<i>NINL</i>	0.004131677	0.013241697	0.299331065	1
Heart_Failure	ASPC	<i>NIPAL2</i>	0.00236277	0.040386726	0.331522798	1
Heart_Failure	ASPC	<i>NITI</i>	0.003667038	0.042067407	0.335640621	1
Heart_Failure	ASPC	<i>NME4</i>	0.004951235	0.012811879	0.296758867	1
Heart_Failure	ASPC	<i>NNT</i>	0.002511848	0.020328585	0.300960372	1
Heart_Failure	ASPC	<i>NPR2</i>	0.015109708	0.007603001	0.275121432	1
Heart_Failure	ASPC	<i>NR1H3</i>	0.005496481	0.000376412	0.261344024	1
Heart_Failure	ASPC	<i>NSMCE4A</i>	0.003772403	0.011705567	0.295441533	1
Heart_Failure	ASPC	<i>NT5C2</i>	-0.001231275	0.021214344	0.301849812	1
Heart_Failure	ASPC	<i>NT5DC3</i>	0.004821846	0.011560856	0.295441533	1
Heart_Failure	ASPC	<i>NT5E</i>	0.003864583	0.009154418	0.287436243	1
Heart_Failure	ASPC	<i>NTNG2</i>	-0.006688288	0.041018135	0.332080182	1
Heart_Failure	ASPC	<i>NTPCR</i>	0.009054553	0.003092739	0.261344024	1
Heart_Failure	ASPC	<i>NUDT2</i>	0.00640625	0.006534397	0.270036901	1
Heart_Failure	ASPC	<i>NUDT4</i>	0.003214884	0.033984603	0.319784436	1
Heart_Failure	ASPC	<i>NUDT7</i>	0.008258996	0.020460704	0.300960372	1
Heart_Failure	ASPC	<i>NUPL2</i>	0.002927011	0.030649979	0.315299598	1
Heart_Failure	ASPC	<i>OGFOD1</i>	0.004316167	0.029073427	0.315299598	1
Heart_Failure	ASPC	<i>OGFOD3</i>	0.006212429	0.04027244	0.331042784	1
Heart_Failure	ASPC	<i>OGFRL1</i>	-0.002224045	0.023140357	0.306172185	1
Heart_Failure	ASPC	<i>ORMDL3</i>	0.006033953	0.016744478	0.300960372	1
Heart_Failure	ASPC	<i>OSCAR</i>	-0.003318979	0.047897601	0.354582947	1
Heart_Failure	ASPC	<i>OSER1-ASI</i>	0.018427202	0.003162847	0.261344024	1
Heart_Failure	ASPC	<i>PACRGL</i>	0.002685826	0.049656404	0.354582947	1
Heart_Failure	ASPC	<i>PADI4</i>	-0.00256492	0.007285989	0.275121432	1
Heart_Failure	ASPC	<i>PALM2</i>	0.006964821	0.005015365	0.263972534	1
Heart_Failure	ASPC	<i>PARD3</i>	0.000878113	0.002185074	0.261344024	1
Heart_Failure	ASPC	<i>PARP8</i>	-0.001081248	0.000539713	0.261344024	1
Heart_Failure	ASPC	<i>PARVG</i>	-0.00267467	0.049175887	0.354582947	1
Heart_Failure	ASPC	<i>PBX1</i>	0.000980416	0.002982505	0.261344024	1

Heart_Failure	ASPC	<i>PCDH9</i>	0.001163892	0.031791381	0.315299598	1
Heart_Failure	ASPC	<i>PCDHB12</i>	0.018175644	0.015445373	0.300960372	1
Heart_Failure	ASPC	<i>PCDHB14</i>	0.010934418	0.016265156	0.300960372	1
Heart_Failure	ASPC	<i>PCDHGA1</i>	0.028669438	0.007596011	0.275121432	1
Heart_Failure	ASPC	<i>PCDHGB6</i>	0.009490311	0.0346498	0.319784436	1
Heart_Failure	ASPC	<i>PCOLCE2</i>	0.001147622	0.019970321	0.300960372	1
Heart_Failure	ASPC	<i>PDE1C</i>	0.001683147	0.038758841	0.325829838	1
Heart_Failure	ASPC	<i>PDE8B</i>	0.004087754	0.012067712	0.296758867	1
Heart_Failure	ASPC	<i>PDLIM4</i>	0.010194825	0.021572828	0.304147147	1
Heart_Failure	ASPC	<i>PEMT</i>	0.006656565	0.022499352	0.306172185	1
Heart_Failure	ASPC	<i>PEX14</i>	0.001752926	0.031550785	0.315299598	1
Heart_Failure	ASPC	<i>PFDN1</i>	0.002274976	0.02364661	0.306172185	1
Heart_Failure	ASPC	<i>PGR</i>	0.005238897	0.034716942	0.319784436	1
Heart_Failure	ASPC	<i>PHLDB1</i>	0.001891394	0.005983267	0.270036901	1
Heart_Failure	ASPC	<i>PHOSPHO2</i>	0.009442733	0.032749991	0.317070493	1
Heart_Failure	ASPC	<i>PLAS1</i>	-0.000992641	0.013396072	0.299331065	1
Heart_Failure	ASPC	<i>PICALM</i>	-0.000764916	0.012669963	0.296758867	1
Heart_Failure	ASPC	<i>PIGF</i>	0.003621028	0.027448083	0.312578414	1
Heart_Failure	ASPC	<i>PIGM</i>	0.009104205	0.003877337	0.261344024	1
Heart_Failure	ASPC	<i>PIGP</i>	0.004943911	0.03725976	0.322720126	1
Heart_Failure	ASPC	<i>PIGZ</i>	0.003371024	0.032760717	0.317070493	1
Heart_Failure	ASPC	<i>PILRA</i>	-0.001492992	0.019180181	0.300960372	1
Heart_Failure	ASPC	<i>PINLYP</i>	0.008584625	0.009061345	0.287436243	1
Heart_Failure	ASPC	<i>PIP4K2B</i>	0.007673165	0.014404622	0.299331065	1
Heart_Failure	ASPC	<i>PIWIL2</i>	0.005849431	0.046203778	0.352240213	1
Heart_Failure	ASPC	<i>PKD1</i>	0.00385351	0.025657859	0.30839336	1
Heart_Failure	ASPC	<i>PLA1A</i>	0.024052723	0.04079254	0.332080182	1
Heart_Failure	ASPC	<i>PLA2G4C</i>	0.004902299	0.025930916	0.30839336	1
Heart_Failure	ASPC	<i>PLA2G5</i>	0.007594598	0.04343819	0.34200195	1
Heart_Failure	ASPC	<i>PLA2R1</i>	0.003825434	0.002426867	0.261344024	1
Heart_Failure	ASPC	<i>PLD1</i>	0.00178844	0.013351328	0.299331065	1
Heart_Failure	ASPC	<i>PLEKHA6</i>	0.005301622	0.018405932	0.300960372	1
Heart_Failure	ASPC	<i>PLEKHH2</i>	0.00196981	0.020158999	0.300960372	1
Heart_Failure	ASPC	<i>PLIN2</i>	0.002264012	0.006141648	0.270036901	1
Heart_Failure	ASPC	<i>PLSCR4</i>	0.001667765	0.000959716	0.261344024	1
Heart_Failure	ASPC	<i>PM20D1</i>	0.00479958	0.039692047	0.328961376	1
Heart_Failure	ASPC	<i>PNKD</i>	0.002549414	0.031514367	0.315299598	1
Heart_Failure	ASPC	<i>POGZ</i>	0.00178226	0.037261862	0.322720126	1
Heart_Failure	ASPC	<i>POLK</i>	0.00232665	0.025114487	0.306172185	1
Heart_Failure	ASPC	<i>POLR3G</i>	0.005013064	0.035581552	0.320352439	1
Heart_Failure	ASPC	<i>POLR3GL</i>	0.008138239	0.038837346	0.325884287	1
Heart_Failure	ASPC	<i>PPCDC</i>	-0.001002659	0.036660653	0.322465434	1
Heart_Failure	ASPC	<i>PPFIBP1</i>	0.000635752	0.028236612	0.315299598	1
Heart_Failure	ASPC	<i>PPIL1</i>	0.009320151	0.011415643	0.295441533	1
Heart_Failure	ASPC	<i>PPME1</i>	0.002434253	0.01698678	0.300960372	1
Heart_Failure	ASPC	<i>PPOX</i>	0.00433115	0.047447688	0.354582947	1
Heart_Failure	ASPC	<i>PPP1R9A</i>	0.001988447	0.002159618	0.261344024	1
Heart_Failure	ASPC	<i>PPP2R1B</i>	0.001985195	0.010772458	0.295441533	1
Heart_Failure	ASPC	<i>PPT1</i>	-0.003894752	0.026959679	0.31162677	1
Heart_Failure	ASPC	<i>PRB2</i>	0.006632932	0.021646797	0.304147147	1
Heart_Failure	ASPC	<i>PRDM5</i>	0.003687232	0.009341356	0.287436243	1
Heart_Failure	ASPC	<i>PRICKLE1</i>	0.001866039	0.010915922	0.295441533	1

Heart_Failure	ASPC	<i>PRMT7</i>	0.004552744	0.017687117	0.300960372	1
Heart_Failure	ASPC	<i>PRRT1</i>	0.012714061	0.03526312	0.319784436	1
Heart_Failure	ASPC	<i>PRSS23</i>	0.001407756	0.000944643	0.261344024	1
Heart_Failure	ASPC	<i>PSD4</i>	-0.003085745	0.037457757	0.322889185	1
Heart_Failure	ASPC	<i>PSTPIP1</i>	-0.003645221	0.006687137	0.271852577	1
Heart_Failure	ASPC	<i>PTAFR</i>	-0.004416417	0.012537144	0.296758867	1
Heart_Failure	ASPC	<i>PTBP2</i>	0.001069093	0.03817479	0.32359226	1
Heart_Failure	ASPC	<i>PTGR1</i>	0.00435317	0.003049069	0.261344024	1
Heart_Failure	ASPC	<i>PTK2</i>	0.000995761	0.00449294	0.261344024	1
Heart_Failure	ASPC	<i>PTPN12</i>	0.001779824	0.006811691	0.273199085	1
Heart_Failure	ASPC	<i>PTPN14</i>	0.001495126	0.008746877	0.284508221	1
Heart_Failure	ASPC	<i>PTPRJ</i>	-0.000825967	0.003380207	0.261344024	1
Heart_Failure	ASPC	<i>PTPRS</i>	0.001870055	0.002398528	0.261344024	1
Heart_Failure	ASPC	<i>QDPR</i>	0.006738143	0.007475077	0.275121432	1
Heart_Failure	ASPC	<i>RABGEF1</i>	0.007104243	0.035302442	0.319784436	1
Heart_Failure	ASPC	<i>RADIL</i>	0.002346888	0.028140531	0.315299598	1
Heart_Failure	ASPC	<i>RAMP2-AS1</i>	0.004786718	0.036316559	0.321999636	1
Heart_Failure	ASPC	<i>RAP1A</i>	-0.001168647	0.04622385	0.352240213	1
Heart_Failure	ASPC	<i>RBM28</i>	0.003362785	0.017687762	0.300960372	1
Heart_Failure	ASPC	<i>RBMS2</i>	0.0035288	0.002775752	0.261344024	1
Heart_Failure	ASPC	<i>RBPI</i>	0.015688677	0.031064561	0.315299598	1
Heart_Failure	ASPC	<i>RCAN3</i>	-0.002416161	0.020913534	0.300960372	1
Heart_Failure	ASPC	<i>RECQL5</i>	0.007869927	0.022056969	0.304283339	1
Heart_Failure	ASPC	<i>RET</i>	0.011756631	0.022899912	0.306172185	1
Heart_Failure	ASPC	<i>REXO1</i>	0.004032529	0.005827023	0.270036901	1
Heart_Failure	ASPC	<i>RFWD2</i>	-0.000817234	0.009843618	0.288009724	1
Heart_Failure	ASPC	<i>RGS19</i>	-0.004277686	0.024341704	0.306172185	1
Heart_Failure	ASPC	<i>RGS2</i>	-0.002148324	0.0024801	0.261344024	1
Heart_Failure	ASPC	<i>RHOBTB3</i>	0.001147259	0.01594598	0.300960372	1
Heart_Failure	ASPC	<i>RHOD</i>	0.01055411	0.037165406	0.322720126	1
Heart_Failure	ASPC	<i>RHOJ</i>	0.000977382	0.040580614	0.331522798	1
Heart_Failure	ASPC	<i>RICTOR</i>	-0.001010107	0.008722455	0.284508221	1
Heart_Failure	ASPC	<i>RIMS1</i>	0.010839119	0.04812731	0.354582947	1
Heart_Failure	ASPC	<i>RING1</i>	0.00581322	0.041820979	0.335189287	1
Heart_Failure	ASPC	<i>RNASE1</i>	-0.001919516	0.001232799	0.261344024	1
Heart_Failure	ASPC	<i>RNASEK</i>	-0.003022473	0.015719387	0.300960372	1
Heart_Failure	ASPC	<i>RNASET2</i>	-0.002825546	0.02978374	0.315299598	1
Heart_Failure	ASPC	<i>RNF123</i>	0.005141619	0.003675627	0.261344024	1
Heart_Failure	ASPC	<i>RNF144A</i>	0.001977208	0.044496951	0.345342572	1
Heart_Failure	ASPC	<i>RNF149</i>	-0.000755371	0.002599018	0.261344024	1
Heart_Failure	ASPC	<i>RNF152</i>	0.001863736	0.04163369	0.334412542	1
Heart_Failure	ASPC	<i>RNF214</i>	0.002474524	0.030544183	0.315299598	1
Heart_Failure	ASPC	<i>RNF24</i>	-0.000618956	0.008609852	0.284508221	1
Heart_Failure	ASPC	<i>ROBO3</i>	0.00306635	0.020971212	0.300960372	1
Heart_Failure	ASPC	<i>RPS11</i>	-0.001785187	0.012754162	0.296758867	1
Heart_Failure	ASPC	<i>RPS13</i>	-0.004244209	0.026127835	0.30839336	1
Heart_Failure	ASPC	<i>RPS6KL1</i>	0.006047208	0.016006651	0.300960372	1
Heart_Failure	ASPC	<i>RPSA</i>	-0.003415896	0.038765899	0.325829838	1
Heart_Failure	ASPC	<i>RSG1</i>	0.016264403	0.022743671	0.306172185	1
Heart_Failure	ASPC	<i>RTP4</i>	0.018608909	0.0209771	0.300960372	1
Heart_Failure	ASPC	<i>RUFY2</i>	0.002550712	0.017180242	0.300960372	1
Heart_Failure	ASPC	<i>RUFY3</i>	0.001762234	0.020144287	0.300960372	1

Heart_Failure	ASPC	<i>SI00A8</i>	-0.00255287	0.014335101	0.299331065	1
Heart_Failure	ASPC	<i>SI00A9</i>	-0.001536044	0.020197979	0.300960372	1
Heart_Failure	ASPC	<i>SI00B</i>	0.004403422	0.017795818	0.300960372	1
Heart_Failure	ASPC	<i>SBDS</i>	-0.005863967	0.022638912	0.306172185	1
Heart_Failure	ASPC	<i>SCAMP5</i>	0.010930514	0.003176174	0.261344024	1
Heart_Failure	ASPC	<i>SCCPDH</i>	0.004988265	0.047978714	0.354582947	1
Heart_Failure	ASPC	<i>SCGN</i>	0.012723769	0.02840514	0.315299598	1
Heart_Failure	ASPC	<i>SCRN2</i>	0.004986435	0.019040199	0.300960372	1
Heart_Failure	ASPC	<i>SELENBP1</i>	0.003690667	0.031750855	0.315299598	1
Heart_Failure	ASPC	<i>SEMA4D</i>	-0.001636341	0.001067762	0.261344024	1
Heart_Failure	ASPC	<i>SEMA6C</i>	0.007954961	0.048117271	0.354582947	1
Heart_Failure	ASPC	<i>Sep-10</i>	0.003498759	0.007897741	0.277628839	1
Heart_Failure	ASPC	<i>SERPINH1</i>	0.002524915	0.008585765	0.284508221	1
Heart_Failure	ASPC	<i>SETD6</i>	0.006459782	0.029663239	0.315299598	1
Heart_Failure	ASPC	<i>SFTPD</i>	0.007898065	0.025990724	0.30839336	1
Heart_Failure	ASPC	<i>SGCE</i>	0.00395531	0.003956496	0.261344024	1
Heart_Failure	ASPC	<i>SH2B1</i>	0.005135764	2.03E-05	0.121437959	0.121437959
Heart_Failure	ASPC	<i>SH3BGRL2</i>	0.004146375	0.003358111	0.261344024	1
Heart_Failure	ASPC	<i>SH3D19</i>	0.001210942	0.000584093	0.261344024	1
Heart_Failure	ASPC	<i>SHC2</i>	0.006952293	0.015723796	0.300960372	1
Heart_Failure	ASPC	<i>SIL1</i>	0.001762684	0.036513578	0.322465434	1
Heart_Failure	ASPC	<i>SLC1A5</i>	0.00796958	0.015909333	0.300960372	1
Heart_Failure	ASPC	<i>SLC1A7</i>	0.013460965	0.019965735	0.300960372	1
Heart_Failure	ASPC	<i>SLC22A18</i>	-0.00719679	0.047898798	0.354582947	1
Heart_Failure	ASPC	<i>SLC22A23</i>	0.001490806	0.033684543	0.319521955	1
Heart_Failure	ASPC	<i>SLC25A16</i>	0.003316374	0.014551165	0.299331065	1
Heart_Failure	ASPC	<i>SLC25A18</i>	0.00621776	0.042136148	0.33574083	1
Heart_Failure	ASPC	<i>SLC25A27</i>	0.002449013	0.028000868	0.315299598	1
Heart_Failure	ASPC	<i>SLC25A37</i>	-0.000875195	0.028841404	0.315299598	1
Heart_Failure	ASPC	<i>SLC26A7</i>	0.004463158	0.037400183	0.322889185	1
Heart_Failure	ASPC	<i>SLC2A10</i>	0.007840904	0.014515725	0.299331065	1
Heart_Failure	ASPC	<i>SLC35E2B</i>	0.004207075	0.026335275	0.30839336	1
Heart_Failure	ASPC	<i>SLC41A3</i>	0.004864436	0.043686844	0.34200195	1
Heart_Failure	ASPC	<i>SLC44A2</i>	-0.001847711	0.04989914	0.354582947	1
Heart_Failure	ASPC	<i>SLC52A3</i>	0.028090335	0.006150133	0.270036901	1
Heart_Failure	ASPC	<i>SLC5A4</i>	0.007543881	0.026203221	0.30839336	1
Heart_Failure	ASPC	<i>SLC9B2</i>	0.004304204	0.04904899	0.354582947	1
Heart_Failure	ASPC	<i>SLCO3A1</i>	-0.000920588	0.00112028	0.261344024	1
Heart_Failure	ASPC	<i>SMAGP</i>	0.006145666	0.035242998	0.319784436	1
Heart_Failure	ASPC	<i>SMCHD1</i>	-0.000669138	0.000876587	0.261344024	1
Heart_Failure	ASPC	<i>SNHG18</i>	0.014520457	0.003561758	0.261344024	1
Heart_Failure	ASPC	<i>SNHG9</i>	0.005099856	0.01157006	0.295441533	1
Heart_Failure	ASPC	<i>SNTB2</i>	0.001636681	0.049264809	0.354582947	1
Heart_Failure	ASPC	<i>SNTG2</i>	0.000964597	0.01973098	0.300960372	1
Heart_Failure	ASPC	<i>SP110</i>	-0.001346614	0.047287942	0.354582947	1
Heart_Failure	ASPC	<i>SP7</i>	0.040465623	0.049124343	0.354582947	1
Heart_Failure	ASPC	<i>SPAG17</i>	0.003407644	0.03111544	0.315299598	1
Heart_Failure	ASPC	<i>SPATA22</i>	0.002952844	0.012243852	0.296758867	1
Heart_Failure	ASPC	<i>SPATA5L1</i>	0.008951258	0.009670472	0.287516114	1
Heart_Failure	ASPC	<i>SPATA6L</i>	0.00333204	0.039307759	0.326708163	1
Heart_Failure	ASPC	<i>SPICE1</i>	0.00279451	0.024728126	0.306172185	1
Heart_Failure	ASPC	<i>SPOCK2</i>	-0.002656329	0.016738152	0.300960372	1

Heart_Failure	ASPC	<i>SPTBN1</i>	0.001015794	0.000591535	0.261344024	1
Heart_Failure	ASPC	<i>SPTLC3</i>	0.003197415	0.044362174	0.345193167	1
Heart_Failure	ASPC	<i>SRGAP1</i>	0.00170479	0.014584541	0.299331065	1
Heart_Failure	ASPC	<i>SRGAP3</i>	0.002603879	0.035862748	0.320352439	1
Heart_Failure	ASPC	<i>SRP14-AS1</i>	0.004900228	0.029190675	0.315299598	1
Heart_Failure	ASPC	<i>SRPK2</i>	-0.000519191	0.037662321	0.323181395	1
Heart_Failure	ASPC	<i>ST20</i>	0.019496729	0.019879355	0.300960372	1
Heart_Failure	ASPC	<i>STAG3</i>	0.004239058	0.039814448	0.329088715	1
Heart_Failure	ASPC	<i>STAMBP</i>	0.003453823	0.028763092	0.315299598	1
Heart_Failure	ASPC	<i>STARD9</i>	0.001403706	0.011403391	0.295441533	1
Heart_Failure	ASPC	<i>STK17B</i>	-0.00113061	0.005731752	0.270036901	1
Heart_Failure	ASPC	<i>STON1</i>	0.007169501	0.019857852	0.300960372	1
Heart_Failure	ASPC	<i>STOX1</i>	0.00437672	0.017952154	0.300960372	1
Heart_Failure	ASPC	<i>STX17</i>	0.00249293	0.016335579	0.300960372	1
Heart_Failure	ASPC	<i>STXBP4</i>	0.002718546	0.048391576	0.354582947	1
Heart_Failure	ASPC	<i>STXBP6</i>	0.001364992	0.016038517	0.300960372	1
Heart_Failure	ASPC	<i>SULT1C2</i>	0.013686141	0.035715799	0.320352439	1
Heart_Failure	ASPC	<i>SUN1</i>	0.002117527	0.0041127	0.261344024	1
Heart_Failure	ASPC	<i>SVEP1</i>	0.001256556	0.034622951	0.319784436	1
Heart_Failure	ASPC	<i>SYDE1</i>	0.012859771	0.012606851	0.296758867	1
Heart_Failure	ASPC	<i>SYK</i>	-0.000964957	0.001273898	0.261344024	1
Heart_Failure	ASPC	<i>SYT1</i>	0.001857585	0.032025913	0.315299598	1
Heart_Failure	ASPC	<i>SYT17</i>	0.00377134	0.013577435	0.299331065	1
Heart_Failure	ASPC	<i>SYT7</i>	0.01338392	0.025630177	0.30839336	1
Heart_Failure	ASPC	<i>TACC2</i>	0.004423082	6.92E-05	0.206782386	0.413564772
Heart_Failure	ASPC	<i>TACC3</i>	-0.005166023	0.027312958	0.312578414	1
Heart_Failure	ASPC	<i>TADA2A</i>	0.002064915	0.033050472	0.317764724	1
Heart_Failure	ASPC	<i>TAF13</i>	-0.008550568	0.025244542	0.306628829	1
Heart_Failure	ASPC	<i>TAF1C</i>	0.005758968	0.011665158	0.295441533	1
Heart_Failure	ASPC	<i>TAX1BP3</i>	0.013763736	0.00943934	0.287436243	1
Heart_Failure	ASPC	<i>TBC1D22A</i>	-0.001221864	0.005963851	0.270036901	1
Heart_Failure	ASPC	<i>TBX1</i>	0.002312602	0.014346276	0.299331065	1
Heart_Failure	ASPC	<i>TCAIM</i>	0.002730155	0.025120811	0.306172185	1
Heart_Failure	ASPC	<i>TDRD9</i>	-0.009077812	0.038992326	0.325884287	1
Heart_Failure	ASPC	<i>TEF</i>	0.007173659	0.006984822	0.274613792	1
Heart_Failure	ASPC	<i>TEKT5</i>	0.023485027	0.045671598	0.351265729	1
Heart_Failure	ASPC	<i>TEX264</i>	-0.003676631	0.049724977	0.354582947	1
Heart_Failure	ASPC	<i>TFEB</i>	-0.002669687	0.026383563	0.30839336	1
Heart_Failure	ASPC	<i>TGM2</i>	0.006578714	0.048010426	0.354582947	1
Heart_Failure	ASPC	<i>THEM6</i>	0.014370521	0.03644676	0.322465434	1
Heart_Failure	ASPC	<i>THNSL2</i>	0.009486657	0.005947275	0.270036901	1
Heart_Failure	ASPC	<i>THRSP</i>	0.005784762	0.024139411	0.306172185	1
Heart_Failure	ASPC	<i>TIGD1</i>	0.005326344	0.035040927	0.319784436	1
Heart_Failure	ASPC	<i>TK2</i>	0.005793491	0.001715547	0.261344024	1
Heart_Failure	ASPC	<i>TLCD2</i>	0.00654241	0.040516238	0.331522798	1
Heart_Failure	ASPC	<i>TLE1</i>	0.001543972	0.0184327	0.300960372	1
Heart_Failure	ASPC	<i>TLR3</i>	0.009783938	0.046564553	0.352240213	1
Heart_Failure	ASPC	<i>TMC5</i>	0.010469769	0.039099571	0.325884287	1
Heart_Failure	ASPC	<i>TMC7</i>	0.004524592	0.028946068	0.315299598	1
Heart_Failure	ASPC	<i>TMCC3</i>	-0.002595764	0.012144998	0.296758867	1
Heart_Failure	ASPC	<i>TMEM127</i>	-0.005188808	0.022917678	0.306172185	1
Heart_Failure	ASPC	<i>TMEM161A</i>	0.007866553	0.036823944	0.322504031	1

Heart_Failure	ASPC	<i>TMEM17</i>	0.010970433	0.021303523	0.302398695	1
Heart_Failure	ASPC	<i>TMEM178B</i>	0.005049282	0.031875555	0.315299598	1
Heart_Failure	ASPC	<i>TMEM185B</i>	0.011278754	0.01834559	0.300960372	1
Heart_Failure	ASPC	<i>TMEM220</i>	0.002909329	0.01204235	0.296758867	1
Heart_Failure	ASPC	<i>TMEM241</i>	0.002193409	0.015930787	0.300960372	1
Heart_Failure	ASPC	<i>TMEM8B</i>	0.00704378	0.037849392	0.323181395	1
Heart_Failure	ASPC	<i>TNFRSF10C</i>	-0.001743537	0.01145901	0.295441533	1
Heart_Failure	ASPC	<i>TNFRSF11B</i>	0.007619539	0.046756606	0.352988053	1
Heart_Failure	ASPC	<i>TNPO2</i>	0.002178077	0.038289282	0.324103046	1
Heart_Failure	ASPC	<i>TOM1L1</i>	0.004102479	0.000330554	0.261344024	1
Heart_Failure	ASPC	<i>TPBG</i>	0.003528852	0.033073905	0.317764724	1
Heart_Failure	ASPC	<i>TRABD2A</i>	-0.003529561	0.030279676	0.315299598	1
Heart_Failure	ASPC	<i>TRAP1</i>	0.003660319	0.01796642	0.300960372	1
Heart_Failure	ASPC	<i>TRAPPC13</i>	0.003250284	0.032082575	0.315316431	1
Heart_Failure	ASPC	<i>TRIM16L</i>	0.008911531	0.049543049	0.354582947	1
Heart_Failure	ASPC	<i>TRIM2</i>	0.00428792	0.004714935	0.263972534	1
Heart_Failure	ASPC	<i>TRIM65</i>	0.008152832	0.025136234	0.306172185	1
Heart_Failure	ASPC	<i>TRPM4</i>	0.007082626	0.022949024	0.306172185	1
Heart_Failure	ASPC	<i>TSFM</i>	0.005496862	0.0348144	0.319784436	1
Heart_Failure	ASPC	<i>TSHZ2</i>	0.000614577	0.004943643	0.263972534	1
Heart_Failure	ASPC	<i>TSKS</i>	0.009028067	0.026762126	0.310374007	1
Heart_Failure	ASPC	<i>TSKU</i>	0.004367241	0.036943231	0.322504031	1
Heart_Failure	ASPC	<i>TSLP</i>	0.010926149	0.033912282	0.319784436	1
Heart_Failure	ASPC	<i>TSPAN9</i>	0.001969367	0.01461399	0.299331065	1
Heart_Failure	ASPC	<i>TSSK4</i>	0.027535175	0.035854157	0.320352439	1
Heart_Failure	ASPC	<i>TTC21B</i>	0.002035379	0.024780747	0.306172185	1
Heart_Failure	ASPC	<i>TTC23</i>	0.003538341	0.042067017	0.335640621	1
Heart_Failure	ASPC	<i>TTLL11</i>	0.003490937	0.031310944	0.315299598	1
Heart_Failure	ASPC	<i>TUBG2</i>	0.00549105	0.027266442	0.312578414	1
Heart_Failure	ASPC	<i>TUBGCP2</i>	0.003340246	0.035136512	0.319784436	1
Heart_Failure	ASPC	<i>TUFT1</i>	0.011154656	0.03598352	0.320951513	1
Heart_Failure	ASPC	<i>TULP3</i>	0.002013391	0.043568315	0.34200195	1
Heart_Failure	ASPC	<i>TUSC5</i>	0.004779924	0.007423576	0.275121432	1
Heart_Failure	ASPC	<i>TYK2</i>	-0.004154396	0.011915416	0.296693863	1
Heart_Failure	ASPC	<i>UACA</i>	0.001191023	0.024959304	0.306172185	1
Heart_Failure	ASPC	<i>UBAP1L</i>	0.00582763	0.047679218	0.354582947	1
Heart_Failure	ASPC	<i>UBASH3B</i>	-0.002720326	0.009534044	0.287516114	1
Heart_Failure	ASPC	<i>UBE3B</i>	0.002380225	0.032636391	0.317070493	1
Heart_Failure	ASPC	<i>UBN1</i>	-0.001411733	0.024404	0.306172185	1
Heart_Failure	ASPC	<i>UBTD2</i>	0.003476254	0.036746814	0.322465434	1
Heart_Failure	ASPC	<i>UGGT2</i>	0.00127788	0.046251293	0.352240213	1
Heart_Failure	ASPC	<i>UGP2</i>	0.001808592	0.005395206	0.270036901	1
Heart_Failure	ASPC	<i>ULK2</i>	0.002252712	0.017545452	0.300960372	1
Heart_Failure	ASPC	<i>UPF3A</i>	0.001761897	0.023960084	0.306172185	1
Heart_Failure	ASPC	<i>USP15</i>	-0.001014067	0.001456095	0.261344024	1
Heart_Failure	ASPC	<i>USP40</i>	0.003455777	0.003057259	0.261344024	1
Heart_Failure	ASPC	<i>UTP15</i>	0.010251699	0.021107479	0.301766251	1
Heart_Failure	ASPC	<i>VANGL1</i>	0.006654487	0.021990594	0.304203223	1
Heart_Failure	ASPC	<i>VANGL2</i>	0.019499195	0.013543178	0.299331065	1
Heart_Failure	ASPC	<i>VDAC2</i>	0.010468329	0.011823173	0.295628793	1
Heart_Failure	ASPC	<i>VEZT</i>	0.002057111	0.028205304	0.315299598	1
Heart_Failure	ASPC	<i>VMP1</i>	-0.000595786	0.011766246	0.295441533	1

Heart_Failure	ASPC	<i>VNN2</i>	-0.00207894	0.00415821	0.261344024	1
Heart_Failure	ASPC	<i>VNN3</i>	-0.005298532	0.003947108	0.261344024	1
Heart_Failure	ASPC	<i>VPS37D</i>	0.027496767	0.009993871	0.288009724	1
Heart_Failure	ASPC	<i>VPS8</i>	-0.001598519	0.014692258	0.299331065	1
Heart_Failure	ASPC	<i>VSIG10</i>	0.004411088	0.012461914	0.296758867	1
Heart_Failure	ASPC	<i>WASF1</i>	0.003627708	0.032793797	0.317070493	1
Heart_Failure	ASPC	<i>WASF3</i>	0.003424813	0.001071873	0.261344024	1
Heart_Failure	ASPC	<i>WBP4</i>	0.003304446	0.034702732	0.319784436	1
Heart_Failure	ASPC	<i>WDR11</i>	0.001971075	0.016158663	0.300960372	1
Heart_Failure	ASPC	<i>WDR27</i>	0.002104881	0.028263772	0.315299598	1
Heart_Failure	ASPC	<i>WDR34</i>	0.012852322	0.035317558	0.319784436	1
Heart_Failure	ASPC	<i>WDR41</i>	0.003450588	0.007642262	0.275121432	1
Heart_Failure	ASPC	<i>WDR60</i>	0.003323496	0.000669689	0.261344024	1
Heart_Failure	ASPC	<i>WDR86</i>	0.005836614	0.016848639	0.300960372	1
Heart_Failure	ASPC	<i>WDR93</i>	0.003518734	0.029742466	0.315299598	1
Heart_Failure	ASPC	<i>WDSUB1</i>	0.003786334	0.013526308	0.299331065	1
Heart_Failure	ASPC	<i>WFS1</i>	0.006421277	0.001867886	0.261344024	1
Heart_Failure	ASPC	<i>WIPF1</i>	-0.001081792	0.006589461	0.270036901	1
Heart_Failure	ASPC	<i>WNT16</i>	0.015190838	0.016455139	0.300960372	1
Heart_Failure	ASPC	<i>WWTR1</i>	0.001559934	0.00811289	0.281638295	1
Heart_Failure	ASPC	<i>XKR8</i>	-0.012270832	0.035150899	0.319784436	1
Heart_Failure	ASPC	<i>XPO6</i>	-0.000938542	0.010275992	0.292425381	1
Heart_Failure	ASPC	<i>YTHDF3-AS1</i>	0.019153688	0.03917337	0.326044649	1
Heart_Failure	ASPC	<i>ZBTB38</i>	0.001407273	0.026799362	0.310374007	1
Heart_Failure	ASPC	<i>ZBTB47</i>	0.009693051	0.009948476	0.288009724	1
Heart_Failure	ASPC	<i>ZC2HC1A</i>	0.002249152	0.021194533	0.301849812	1
Heart_Failure	ASPC	<i>ZDBF2</i>	0.005697117	0.02035415	0.300960372	1
Heart_Failure	ASPC	<i>ZDHHHC11B</i>	0.006362038	0.040128653	0.330564441	1
Heart_Failure	ASPC	<i>ZFHX4</i>	0.002256795	0.004831342	0.263972534	1
Heart_Failure	ASPC	<i>ZFP2</i>	0.009035753	0.010072629	0.288009724	1
Heart_Failure	ASPC	<i>ZFP30</i>	0.003274525	0.034854791	0.319784436	1
Heart_Failure	ASPC	<i>ZFP41</i>	0.018330036	0.018022496	0.300960372	1
Heart_Failure	ASPC	<i>ZFPM2</i>	0.000763931	0.00384084	0.261344024	1
Heart_Failure	ASPC	<i>ZKSCAN1</i>	0.002282379	0.033566761	0.319135507	1
Heart_Failure	ASPC	<i>ZNF117</i>	0.002684482	0.031959296	0.315299598	1
Heart_Failure	ASPC	<i>ZNF135</i>	0.006124338	0.020920232	0.300960372	1
Heart_Failure	ASPC	<i>ZNF14</i>	0.0045804	0.020150707	0.300960372	1
Heart_Failure	ASPC	<i>ZNF143</i>	-0.004043693	0.006270997	0.270036901	1
Heart_Failure	ASPC	<i>ZNF197</i>	0.004050709	0.03213315	0.315316431	1
Heart_Failure	ASPC	<i>ZNF200</i>	-0.008355912	0.019386567	0.300960372	1
Heart_Failure	ASPC	<i>ZNF208</i>	0.003057546	0.045345532	0.349657938	1
Heart_Failure	ASPC	<i>ZNF229</i>	0.036168756	0.030821611	0.315299598	1
Heart_Failure	ASPC	<i>ZNF273</i>	0.004126908	0.046881152	0.352988053	1
Heart_Failure	ASPC	<i>ZNF3</i>	0.005226231	0.008988883	0.287259705	1
Heart_Failure	ASPC	<i>ZNF302</i>	0.002297892	0.018119006	0.300960372	1
Heart_Failure	ASPC	<i>ZNF33A</i>	-0.003383441	0.002103746	0.261344024	1
Heart_Failure	ASPC	<i>ZNF345</i>	0.0029993	0.020759187	0.300960372	1
Heart_Failure	ASPC	<i>ZNF385C</i>	0.010511519	0.023698987	0.306172185	1
Heart_Failure	ASPC	<i>ZNF404</i>	0.009860722	0.02564867	0.30839336	1
Heart_Failure	ASPC	<i>ZNF415</i>	0.015868457	0.011760579	0.295441533	1
Heart_Failure	ASPC	<i>ZNF454</i>	0.012991558	0.011443015	0.295441533	1
Heart_Failure	ASPC	<i>ZNF470</i>	0.019213236	0.002474984	0.261344024	1

Heart_Failure	ASPC	<i>ZNF471</i>	0.005731281	0.025081778	0.306172185	1
Heart_Failure	ASPC	<i>ZNF483</i>	0.007050789	0.002195107	0.261344024	1
Heart_Failure	ASPC	<i>ZNF639</i>	0.00616315	0.007176905	0.275121432	1
Heart_Failure	ASPC	<i>ZNF667</i>	0.008911099	0.01910253	0.300960372	1
Heart_Failure	ASPC	<i>ZNF677</i>	0.005171142	0.03480532	0.319784436	1
Heart_Failure	ASPC	<i>ZNF706</i>	0.004225152	0.027131687	0.312578414	1
Heart_Failure	ASPC	<i>ZNF721</i>	0.001337348	0.049704311	0.354582947	1
Heart_Failure	ASPC	<i>ZNF737</i>	0.004251459	0.028856726	0.315299598	1
Heart_Failure	ASPC	<i>ZNF835</i>	0.014824481	0.023056053	0.306172185	1
Heart_Failure	ASPC	<i>ZNF862</i>	0.003808891	0.005653829	0.270036901	1
Heart_Failure	ASPC	<i>ZNHIT6</i>	0.002823528	0.018932737	0.300960372	1
Heart_Failure	ASPC	<i>ZNRD1</i>	0.007441269	0.04112104	0.332080182	1
Heart_Failure	ASPC	<i>ZSCAN21</i>	0.005003079	0.021847006	0.304147147	1
Heart_Failure	ASPC	<i>ZSCAN29</i>	0.007859346	0.026007997	0.30839336	1
Heart_Failure	ASPC	<i>ZSCAN31</i>	0.006263847	0.017795124	0.300960372	1
Heart_Failure	ASPC	<i>SGCA</i>	0.013746855	0.036720725	0.322465434	1
Heart_Failure	ASPC	<i>FCN2</i>	0.027788558	0.024880665	0.306172185	1
Heart_Failure	ASPC	<i>POLR2J2</i>	0.043404886	0.047787092	0.354582947	1
Heart_Failure	ASPC	<i>GOLGA8O</i>	0.137238135	0.000226901	0.261344024	1
Heart_Failure	ASPC	<i>PRODH</i>	0.004603193	0.046899684	0.352988053	1
Heart_Failure	ASPC	<i>DLX6</i>	0.024447013	0.030985588	0.315299598	1
Heart_Failure	ASPC	<i>AMY2A</i>	0.007837426	0.035712642	0.320352439	1
Heart_Failure	ASPC	<i>C1orf64</i>	0.002382453	0.02772143	0.314351547	1
Heart_Failure	ASPC	<i>GPR42</i>	0.002284451	0.038451029	0.325011808	1
Heart_Failure	b_cell	<i>A4GALT</i>	0.004679019	0.027727376	0.490611772	1
Heart_Failure	b_cell	<i>ABCA8</i>	0.000988704	0.010782518	0.43092445	1
Heart_Failure	b_cell	<i>ABHD3</i>	-0.002648984	0.001610596	0.43092445	1
Heart_Failure	b_cell	<i>ABLM2</i>	0.0039474	0.043205562	0.530694905	1
Heart_Failure	b_cell	<i>ABTB1</i>	-0.002888583	0.019175744	0.45769006	1
Heart_Failure	b_cell	<i>ABTB2</i>	0.004599211	0.018503974	0.45769006	1
Heart_Failure	b_cell	<i>AC107021.1</i>	0.002964203	0.016992221	0.453522976	1
Heart_Failure	b_cell	<i>ACBD4</i>	0.003851222	0.04889078	0.552178332	1
Heart_Failure	b_cell	<i>ACKR4</i>	0.005126283	0.019709928	0.45769006	1
Heart_Failure	b_cell	<i>ACSS3</i>	0.001764671	0.031526294	0.506577553	1
Heart_Failure	b_cell	<i>ACTR3</i>	-0.001251265	0.047308593	0.547899521	1
Heart_Failure	b_cell	<i>ACVR1C</i>	0.001397945	0.045695782	0.540748496	1
Heart_Failure	b_cell	<i>ADAL</i>	0.003661693	0.034509236	0.510463356	1
Heart_Failure	b_cell	<i>ADAM32</i>	0.005396134	0.037347091	0.522684348	1
Heart_Failure	b_cell	<i>ADAM33</i>	0.003300601	0.008093402	0.43092445	1
Heart_Failure	b_cell	<i>ADAM8</i>	-0.004236621	0.049912192	0.55517105	1
Heart_Failure	b_cell	<i>ADAMTS12</i>	0.001174073	0.006113905	0.43092445	1
Heart_Failure	b_cell	<i>ADAMTSL3</i>	0.001216026	0.038099388	0.524543105	1
Heart_Failure	b_cell	<i>ADH1A</i>	0.01530827	0.020148437	0.45769006	1
Heart_Failure	b_cell	<i>ADH4</i>	0.008800878	0.041329503	0.530694905	1
Heart_Failure	b_cell	<i>ADHFE1</i>	0.00239793	0.032706601	0.506577553	1
Heart_Failure	b_cell	<i>AGBL3</i>	0.003368046	0.035071334	0.516222397	1
Heart_Failure	b_cell	<i>AGTPBP1</i>	-0.001545479	0.01173331	0.43092445	1
Heart_Failure	b_cell	<i>AIG1</i>	0.003635201	0.01033223	0.43092445	1
Heart_Failure	b_cell	<i>AKRIC3</i>	0.004939976	0.00430218	0.43092445	1
Heart_Failure	b_cell	<i>AKTIP</i>	-0.004087655	0.040426091	0.530694905	1
Heart_Failure	b_cell	<i>ALDH7A1</i>	0.003496588	0.044361292	0.533371061	1
Heart_Failure	b_cell	<i>ALPK1</i>	-0.001486035	0.013169343	0.43092445	1

Heart_Failure	b_cell	<i>ANKRA2</i>	0.003092802	0.032720705	0.506577553	1
Heart_Failure	b_cell	<i>ANKRD26</i>	0.003991792	0.00387064	0.43092445	1
Heart_Failure	b_cell	<i>ANKRD44</i>	-0.000667658	0.001663817	0.43092445	1
Heart_Failure	b_cell	<i>ANO4</i>	0.004820022	0.034031388	0.50960798	1
Heart_Failure	b_cell	<i>AP3B2</i>	0.010617987	0.032356075	0.506577553	1
Heart_Failure	b_cell	<i>APAF1</i>	-0.001935898	0.019327165	0.45769006	1
Heart_Failure	b_cell	<i>APBB1IP</i>	-0.000642452	0.00893881	0.43092445	1
Heart_Failure	b_cell	<i>ARFIP1</i>	0.001572045	0.048697374	0.552178332	1
Heart_Failure	b_cell	<i>ARHGAP44</i>	0.002231991	0.034366134	0.50960798	1
Heart_Failure	b_cell	<i>ARHGAP9</i>	-0.003786458	0.00299786	0.43092445	1
Heart_Failure	b_cell	<i>ARHGDIB</i>	-0.001951926	0.011414118	0.43092445	1
Heart_Failure	b_cell	<i>ARL17B</i>	0.003403478	0.040118677	0.530694905	1
Heart_Failure	b_cell	<i>ARMC9</i>	0.006644238	0.00379315	0.43092445	1
Heart_Failure	b_cell	<i>ASAP3</i>	0.004921591	0.02455917	0.480620624	1
Heart_Failure	b_cell	<i>ASB14</i>	0.005787715	0.019303646	0.45769006	1
Heart_Failure	b_cell	<i>ASCC1</i>	0.005730666	0.001298046	0.43092445	1
Heart_Failure	b_cell	<i>ASXL3</i>	0.008412595	0.026993369	0.485917981	1
Heart_Failure	b_cell	<i>ATE1</i>	0.001831308	0.047939737	0.549880742	1
Heart_Failure	b_cell	<i>ATF6</i>	-0.001469412	0.005591599	0.43092445	1
Heart_Failure	b_cell	<i>ATG7</i>	-0.000767137	0.03524502	0.516235876	1
Heart_Failure	b_cell	<i>ATL2</i>	0.002823022	0.019998408	0.45769006	1
Heart_Failure	b_cell	<i>ATN1</i>	0.004467272	0.021519808	0.462347823	1
Heart_Failure	b_cell	<i>ATP5C1</i>	0.003760334	0.028104188	0.491083712	1
Heart_Failure	b_cell	<i>ATP6V0D2</i>	-0.011673644	0.017736375	0.457488523	1
Heart_Failure	b_cell	<i>AUTS2</i>	0.000859371	0.000987644	0.43092445	1
Heart_Failure	b_cell	<i>B3GNTL1</i>	-0.005002126	0.00659017	0.43092445	1
Heart_Failure	b_cell	<i>B4GALT7</i>	0.011063089	0.012286665	0.43092445	1
Heart_Failure	b_cell	<i>BASP1</i>	-0.000999882	0.037098842	0.522464282	1
Heart_Failure	b_cell	<i>BBC3</i>	-0.012202964	0.028740135	0.491132479	1
Heart_Failure	b_cell	<i>BCHE</i>	0.008406885	0.035599517	0.519511253	1
Heart_Failure	b_cell	<i>BCO2</i>	0.006666901	0.035192214	0.516235876	1
Heart_Failure	b_cell	<i>BMP1</i>	0.003908856	0.038572159	0.527269028	1
Heart_Failure	b_cell	<i>BOK</i>	0.004551238	0.033256024	0.507438995	1
Heart_Failure	b_cell	<i>BPHL</i>	0.004525781	0.034220617	0.50960798	1
Heart_Failure	b_cell	<i>BRAT1</i>	0.00262151	0.026013913	0.485067012	1
Heart_Failure	b_cell	<i>BTNL8</i>	-0.0028837	0.041371721	0.530694905	1
Heart_Failure	b_cell	<i>C14orf132</i>	0.005907625	0.031591946	0.506577553	1
Heart_Failure	b_cell	<i>C15orf61</i>	-0.007754336	0.017760599	0.457488523	1
Heart_Failure	b_cell	<i>C16orf52</i>	0.002369067	0.006954834	0.43092445	1
Heart_Failure	b_cell	<i>C1QTNF7</i>	0.002737547	0.006462211	0.43092445	1
Heart_Failure	b_cell	<i>C20orf96</i>	0.006685883	0.009769098	0.43092445	1
Heart_Failure	b_cell	<i>C2CD2</i>	0.002553748	0.019189995	0.45769006	1
Heart_Failure	b_cell	<i>C2orf88</i>	0.003271006	0.01371228	0.43092445	1
Heart_Failure	b_cell	<i>C4orf26</i>	0.032665801	0.039794168	0.530694905	1
Heart_Failure	b_cell	<i>C4orf45</i>	0.004949023	0.01447948	0.436890414	1
Heart_Failure	b_cell	<i>C5AR1</i>	-0.001575893	0.002813155	0.43092445	1
Heart_Failure	b_cell	<i>C5orf42</i>	0.002104683	0.014185986	0.436890414	1
Heart_Failure	b_cell	<i>C6orf201</i>	0.010643865	0.023631759	0.477508463	1
Heart_Failure	b_cell	<i>C8orf33</i>	0.003231346	0.046266862	0.541456629	1
Heart_Failure	b_cell	<i>C9orf66</i>	-0.007124995	0.013402495	0.43092445	1
Heart_Failure	b_cell	<i>CACNA2D1</i>	0.001059499	0.010289269	0.43092445	1
Heart_Failure	b_cell	<i>CAMSAP2</i>	0.002248464	0.010883351	0.43092445	1

Heart_Failure	b_cell	<i>CAP2</i>	0.002185184	0.042203244	0.530694905	1
Heart_Failure	b_cell	<i>CASP8</i>	-0.001456867	0.030445963	0.501226101	1
Heart_Failure	b_cell	<i>CBL</i>	-0.002012635	0.010300011	0.43092445	1
Heart_Failure	b_cell	<i>CBR4</i>	0.000989375	0.027234317	0.488745585	1
Heart_Failure	b_cell	<i>CCDC102B</i>	0.001574376	0.028533129	0.491132479	1
Heart_Failure	b_cell	<i>CCDC122</i>	0.004273705	0.022364826	0.465407011	1
Heart_Failure	b_cell	<i>CCDC171</i>	0.005888508	0.000607684	0.43092445	1
Heart_Failure	b_cell	<i>CCDC30</i>	0.00377557	0.030666873	0.502821973	1
Heart_Failure	b_cell	<i>CCDC36</i>	0.003985368	0.024102141	0.478519577	1
Heart_Failure	b_cell	<i>CCDC40</i>	0.006620077	0.041220961	0.530694905	1
Heart_Failure	b_cell	<i>CD14</i>	-0.002332315	0.020302301	0.45769006	1
Heart_Failure	b_cell	<i>CD5</i>	-0.003435718	0.046288719	0.541456629	1
Heart_Failure	b_cell	<i>CDA</i>	-0.003135951	0.019055147	0.45769006	1
Heart_Failure	b_cell	<i>CDC42BPA</i>	0.00082355	0.046893335	0.54520344	1
Heart_Failure	b_cell	<i>CDHR3</i>	0.002589888	0.011260426	0.43092445	1
Heart_Failure	b_cell	<i>CDK19</i>	-0.001741472	0.017278148	0.453522976	1
Heart_Failure	b_cell	<i>CDON</i>	0.001464301	0.049416898	0.554026524	1
Heart_Failure	b_cell	<i>CEACAM4</i>	-0.006307741	0.025149122	0.484584683	1
Heart_Failure	b_cell	<i>CENPP</i>	0.00228603	0.021631856	0.462347823	1
Heart_Failure	b_cell	<i>CENPV</i>	0.007494161	0.011291981	0.43092445	1
Heart_Failure	b_cell	<i>CEP112</i>	0.001254697	0.010450533	0.43092445	1
Heart_Failure	b_cell	<i>CEP95</i>	0.002130055	0.019541439	0.45769006	1
Heart_Failure	b_cell	<i>CERS5</i>	0.00236184	0.011845789	0.43092445	1
Heart_Failure	b_cell	<i>CHI3L1</i>	-0.003505316	0.042567661	0.530694905	1
Heart_Failure	b_cell	<i>CHST11</i>	-0.000775988	0.000639428	0.43092445	1
Heart_Failure	b_cell	<i>CLCN2</i>	-0.008828227	0.02577116	0.485067012	1
Heart_Failure	b_cell	<i>CLEC4E</i>	-0.002090328	0.009464051	0.43092445	1
Heart_Failure	b_cell	<i>CLEC4G</i>	0.023591454	0.023531131	0.477508463	1
Heart_Failure	b_cell	<i>CLSTN2</i>	0.002708588	0.016624871	0.449991911	1
Heart_Failure	b_cell	<i>CLTCL1</i>	0.003730383	0.021777626	0.462347823	1
Heart_Failure	b_cell	<i>COA1</i>	0.00110314	0.045908342	0.541456629	1
Heart_Failure	b_cell	<i>COL12A1</i>	0.001643399	0.024220186	0.47927097	1
Heart_Failure	b_cell	<i>COL24A1</i>	0.004193342	0.01462573	0.436890414	1
Heart_Failure	b_cell	<i>COL8A1</i>	0.002080218	0.040060923	0.530694905	1
Heart_Failure	b_cell	<i>COMMD2</i>	0.002302812	0.026212185	0.485067012	1
Heart_Failure	b_cell	<i>COPS6</i>	0.004027646	0.019678994	0.45769006	1
Heart_Failure	b_cell	<i>CORO1A</i>	-0.003935148	0.008573742	0.43092445	1
Heart_Failure	b_cell	<i>COTL1</i>	-0.002382988	0.00743311	0.43092445	1
Heart_Failure	b_cell	<i>COX11</i>	0.00412545	0.038708486	0.527269028	1
Heart_Failure	b_cell	<i>COX7A1</i>	0.006718601	0.017612368	0.457488523	1
Heart_Failure	b_cell	<i>CPPED1</i>	-0.000854704	0.003688773	0.43092445	1
Heart_Failure	b_cell	<i>CREM</i>	-0.001504405	0.028518151	0.491132479	1
Heart_Failure	b_cell	<i>CRMPI</i>	0.004036784	0.040469386	0.530694905	1
Heart_Failure	b_cell	<i>CTNS</i>	0.004054113	0.029142592	0.493324142	1
Heart_Failure	b_cell	<i>CTSF</i>	0.004876632	0.046299253	0.541456629	1
Heart_Failure	b_cell	<i>CTSS</i>	-0.000879593	0.007128924	0.43092445	1
Heart_Failure	b_cell	<i>CTSZ</i>	-0.003293493	0.016299179	0.449991911	1
Heart_Failure	b_cell	<i>CYGB</i>	0.006639158	0.025745237	0.485067012	1
Heart_Failure	b_cell	<i>CYP2C8</i>	0.039371095	0.044019437	0.531434657	1
Heart_Failure	b_cell	<i>CYP4X1</i>	0.00382658	0.018867418	0.45769006	1
Heart_Failure	b_cell	<i>DAAM1</i>	0.001747293	0.00301435	0.43092445	1
Heart_Failure	b_cell	<i>DCLK2</i>	0.002992473	0.032265233	0.506577553	1

Heart_Failure	b_cell	<i>DENND5A</i>	-0.001301147	0.024347598	0.48020213	1
Heart_Failure	b_cell	<i>DFNA5</i>	0.008170947	0.013678345	0.43092445	1
Heart_Failure	b_cell	<i>DHX34</i>	-0.002798872	0.002401734	0.43092445	1
Heart_Failure	b_cell	<i>DMGDH</i>	0.003332668	0.03207155	0.506577553	1
Heart_Failure	b_cell	<i>DMTN</i>	0.00632413	0.032538012	0.506577553	1
Heart_Failure	b_cell	<i>DNAJB12</i>	0.003854613	0.04380242	0.530694905	1
Heart_Failure	b_cell	<i>DOCK1</i>	0.001042985	0.015608822	0.442852104	1
Heart_Failure	b_cell	<i>DOCK8</i>	-0.000615179	0.006033229	0.43092445	1
Heart_Failure	b_cell	<i>DTWD1</i>	0.00288348	0.016991659	0.453522976	1
Heart_Failure	b_cell	<i>DTX1</i>	0.005994007	0.008637787	0.43092445	1
Heart_Failure	b_cell	<i>DUSP18</i>	-0.00373158	0.0489555	0.552178332	1
Heart_Failure	b_cell	<i>DYNC2LI1</i>	0.002461122	0.037435738	0.522700861	1
Heart_Failure	b_cell	<i>ECI2</i>	0.002764929	0.04284089	0.530694905	1
Heart_Failure	b_cell	<i>ECM2</i>	0.002051118	0.013308638	0.43092445	1
Heart_Failure	b_cell	<i>EFCAB13</i>	0.002513208	0.021058697	0.462243811	1
Heart_Failure	b_cell	<i>EFCAB2</i>	0.003138728	0.009087784	0.43092445	1
Heart_Failure	b_cell	<i>EFEMP1</i>	0.001470824	0.012521907	0.43092445	1
Heart_Failure	b_cell	<i>ELL</i>	-0.002902071	0.003798175	0.43092445	1
Heart_Failure	b_cell	<i>EPB41</i>	-0.00098745	0.028425871	0.491132479	1
Heart_Failure	b_cell	<i>EPHB1</i>	-0.000760109	0.014729632	0.436890414	1
Heart_Failure	b_cell	<i>EPN2</i>	0.001740489	0.002218788	0.43092445	1
Heart_Failure	b_cell	<i>ERGIC2</i>	-0.003395328	0.02111656	0.462243811	1
Heart_Failure	b_cell	<i>ERI2</i>	0.003609054	0.046093506	0.541456629	1
Heart_Failure	b_cell	<i>ETFDH</i>	0.002429068	0.024742523	0.48163296	1
Heart_Failure	b_cell	<i>ETV6</i>	-0.000821565	0.038182104	0.524543105	1
Heart_Failure	b_cell	<i>EXOC1</i>	0.001466964	0.023668764	0.477508463	1
Heart_Failure	b_cell	<i>FAM126A</i>	0.001483053	0.041827721	0.530694905	1
Heart_Failure	b_cell	<i>FAM135B</i>	0.016122488	0.015288388	0.439247159	1
Heart_Failure	b_cell	<i>FAM161A</i>	0.012125088	0.014027521	0.43660659	1
Heart_Failure	b_cell	<i>FAM47E-STBD1</i>	0.020248018	0.001193154	0.43092445	1
Heart_Failure	b_cell	<i>FAM89A</i>	0.00722227	0.001938173	0.43092445	1
Heart_Failure	b_cell	<i>FASN</i>	0.004703221	0.03182203	0.506577553	1
Heart_Failure	b_cell	<i>FAXDC2</i>	0.002350006	0.043443763	0.530694905	1
Heart_Failure	b_cell	<i>FBXO17</i>	0.003671293	0.028091618	0.491083712	1
Heart_Failure	b_cell	<i>FCAR</i>	-0.004092999	0.011109121	0.43092445	1
Heart_Failure	b_cell	<i>FGFR1</i>	0.001433151	0.016521812	0.449991911	1
Heart_Failure	b_cell	<i>FHOD3</i>	0.002509481	0.032459898	0.506577553	1
Heart_Failure	b_cell	<i>FJX1</i>	-0.022034504	0.001528233	0.43092445	1
Heart_Failure	b_cell	<i>FKBP9</i>	0.003790824	0.042971534	0.530694905	1
Heart_Failure	b_cell	<i>FLRT2</i>	0.001207148	0.009207155	0.43092445	1
Heart_Failure	b_cell	<i>FMO2</i>	0.001916922	0.049506386	0.554026524	1
Heart_Failure	b_cell	<i>FOLR3</i>	0.013108925	0.044882121	0.535450849	1
Heart_Failure	b_cell	<i>FOXO6</i>	0.006716692	0.044454077	0.533371061	1
Heart_Failure	b_cell	<i>FOXP2</i>	0.001591029	0.002556513	0.43092445	1
Heart_Failure	b_cell	<i>FPGT</i>	0.006771092	0.004276496	0.43092445	1
Heart_Failure	b_cell	<i>FPR1</i>	-0.001871835	0.004923179	0.43092445	1
Heart_Failure	b_cell	<i>GALNT18</i>	0.001326082	0.041090992	0.530694905	1
Heart_Failure	b_cell	<i>GALR1</i>	0.016034504	0.002252746	0.43092445	1
Heart_Failure	b_cell	<i>GAS2L1</i>	0.00570175	0.032081378	0.506577553	1
Heart_Failure	b_cell	<i>GAS2L2</i>	-0.034074721	0.028458872	0.491132479	1
Heart_Failure	b_cell	<i>GATAD1</i>	0.002183829	0.032842355	0.507045036	1
Heart_Failure	b_cell	<i>GBP5</i>	-0.002946648	0.024074098	0.478519577	1

Heart_Failure	b_cell	<i>GCSH</i>	0.01003792	0.047702991	0.549273748	1
Heart_Failure	b_cell	<i>GEMIN5</i>	0.00552985	0.01217258	0.43092445	1
Heart_Failure	b_cell	<i>GHR</i>	0.001011419	0.012541671	0.43092445	1
Heart_Failure	b_cell	<i>GLIPR1</i>	-0.002102664	0.027748792	0.490611772	1
Heart_Failure	b_cell	<i>GLIPR1L1</i>	0.004343594	0.040996259	0.530694905	1
Heart_Failure	b_cell	<i>GLIPR2</i>	-0.002396532	0.032920595	0.507045036	1
Heart_Failure	b_cell	<i>GLOD4</i>	-0.008827484	0.012226302	0.43092445	1
Heart_Failure	b_cell	<i>GOLGA6L4</i>	0.016329045	0.025515213	0.485067012	1
Heart_Failure	b_cell	<i>GPHN</i>	0.001415643	0.005215293	0.43092445	1
Heart_Failure	b_cell	<i>GPR180</i>	0.00459357	0.020505864	0.45769006	1
Heart_Failure	b_cell	<i>GRAMD1C</i>	-0.004177965	0.003525317	0.43092445	1
Heart_Failure	b_cell	<i>GREB1L</i>	0.002295988	0.010824107	0.43092445	1
Heart_Failure	b_cell	<i>GSTM2</i>	0.004349961	0.030737968	0.502821973	1
Heart_Failure	b_cell	<i>GULP1</i>	0.001613321	0.025359387	0.485067012	1
Heart_Failure	b_cell	<i>H3F3A</i>	-0.003847665	0.00738727	0.43092445	1
Heart_Failure	b_cell	<i>HAAO</i>	0.004593402	0.042784673	0.530694905	1
Heart_Failure	b_cell	<i>HACE1</i>	0.002599628	0.019582666	0.45769006	1
Heart_Failure	b_cell	<i>HCLS1</i>	-0.001917181	0.000703911	0.43092445	1
Heart_Failure	b_cell	<i>HIBADH</i>	0.002022112	0.024610092	0.480620624	1
Heart_Failure	b_cell	<i>HIBCH</i>	0.001260402	0.040026555	0.530694905	1
Heart_Failure	b_cell	<i>HID1</i>	0.005179638	0.041425235	0.530694905	1
Heart_Failure	b_cell	<i>HIST1H4E</i>	-0.017186088	0.0008981	0.43092445	1
Heart_Failure	b_cell	<i>HLA-B</i>	-0.000785336	0.005766663	0.43092445	1
Heart_Failure	b_cell	<i>HLA-C</i>	-0.000884943	0.032262152	0.506577553	1
Heart_Failure	b_cell	<i>HLA-DRB5</i>	-0.001759371	0.019320669	0.45769006	1
Heart_Failure	b_cell	<i>HLA-E</i>	-0.001270366	0.013354966	0.43092445	1
Heart_Failure	b_cell	<i>HLA-F</i>	-0.002505904	0.010411432	0.43092445	1
Heart_Failure	b_cell	<i>HLTF</i>	0.003013073	0.043354486	0.530694905	1
Heart_Failure	b_cell	<i>HMG20A</i>	0.003043596	0.004989063	0.43092445	1
Heart_Failure	b_cell	<i>HOXD3</i>	0.003734478	0.041742648	0.530694905	1
Heart_Failure	b_cell	<i>HPR</i>	-0.01292183	0.047823111	0.549597906	1
Heart_Failure	b_cell	<i>HSD17B4</i>	0.002336981	0.020433388	0.45769006	1
Heart_Failure	b_cell	<i>HSPBAP1</i>	-0.003212774	0.022473312	0.465407011	1
Heart_Failure	b_cell	<i>ICAIL</i>	0.003501548	0.020310408	0.45769006	1
Heart_Failure	b_cell	<i>ICAM3</i>	-0.004762811	0.019517345	0.45769006	1
Heart_Failure	b_cell	<i>IFITM1</i>	-0.008698399	0.009676442	0.43092445	1
Heart_Failure	b_cell	<i>IFNAR2</i>	-0.001446804	0.011025859	0.43092445	1
Heart_Failure	b_cell	<i>IGF2R</i>	-0.000802577	0.013064591	0.43092445	1
Heart_Failure	b_cell	<i>IKBIP</i>	-0.002493403	0.001929839	0.43092445	1
Heart_Failure	b_cell	<i>IL17RA</i>	-0.001686902	0.011681308	0.43092445	1
Heart_Failure	b_cell	<i>INVS</i>	0.002438592	0.001383726	0.43092445	1
Heart_Failure	b_cell	<i>IQGAP1</i>	-0.000962664	0.015206134	0.438994488	1
Heart_Failure	b_cell	<i>ITGB2</i>	-0.001607229	0.048971639	0.552178332	1
Heart_Failure	b_cell	<i>KANK2</i>	0.0025833	0.007307864	0.43092445	1
Heart_Failure	b_cell	<i>KCNIP2</i>	0.003269565	0.036442877	0.52101108	1
Heart_Failure	b_cell	<i>KCNJ15</i>	-0.000752862	0.012657909	0.43092445	1
Heart_Failure	b_cell	<i>KCNMB3</i>	0.005981139	0.019622309	0.45769006	1
Heart_Failure	b_cell	<i>KCNT2</i>	0.003152885	0.0377267	0.523943947	1
Heart_Failure	b_cell	<i>KCNU1</i>	0.009515916	0.038733451	0.527269028	1
Heart_Failure	b_cell	<i>KCTD16</i>	0.007989807	0.026518191	0.485917981	1
Heart_Failure	b_cell	<i>KHDRBS3</i>	0.001462569	0.045247813	0.537576398	1
Heart_Failure	b_cell	<i>KLF14</i>	-0.017399862	0.025218513	0.484584683	1

Heart_Failure	b_cell	<i>KLHDC2</i>	0.002224217	0.048791159	0.552178332	1
Heart_Failure	b_cell	<i>KLHL14</i>	0.002954266	0.049375727	0.554026524	1
Heart_Failure	b_cell	<i>KLHL31</i>	0.003504558	0.018809132	0.45769006	1
Heart_Failure	b_cell	<i>KLKB1</i>	0.010236177	0.026311743	0.485305485	1
Heart_Failure	b_cell	<i>KPNA5</i>	0.002462361	0.042626699	0.530694905	1
Heart_Failure	b_cell	<i>L3MBTL4</i>	0.001409658	0.007793962	0.43092445	1
Heart_Failure	b_cell	<i>LAMA4</i>	0.000821563	0.010244703	0.43092445	1
Heart_Failure	b_cell	<i>LAMB1</i>	0.002354599	0.007188108	0.43092445	1
Heart_Failure	b_cell	<i>LAMB2</i>	0.002448746	0.036355721	0.52101108	1
Heart_Failure	b_cell	<i>LCP2</i>	-0.001203306	0.009774638	0.43092445	1
Heart_Failure	b_cell	<i>LHCGR</i>	0.01129394	0.037156513	0.522464282	1
Heart_Failure	b_cell	<i>LILRB3</i>	-0.002273877	0.001546922	0.43092445	1
Heart_Failure	b_cell	<i>LIMA1</i>	0.001093914	0.002891176	0.43092445	1
Heart_Failure	b_cell	<i>LIMS1</i>	0.001462801	0.013739885	0.43092445	1
Heart_Failure	b_cell	<i>LINC00640</i>	0.018166651	0.048946601	0.552178332	1
Heart_Failure	b_cell	<i>LINC00662</i>	0.003991626	0.021845633	0.462347823	1
Heart_Failure	b_cell	<i>LINC00937</i>	-0.005238788	0.009980095	0.43092445	1
Heart_Failure	b_cell	<i>LINC00969</i>	0.001746189	0.042184234	0.530694905	1
Heart_Failure	b_cell	<i>LINC01117</i>	0.003922128	0.026987891	0.485917981	1
Heart_Failure	b_cell	<i>LITAF</i>	-0.000887939	0.010576899	0.43092445	1
Heart_Failure	b_cell	<i>LMO3</i>	0.001861008	0.008960731	0.43092445	1
Heart_Failure	b_cell	<i>LRMP</i>	-0.001604329	0.003291806	0.43092445	1
Heart_Failure	b_cell	<i>LRRC15</i>	0.009143031	0.031549084	0.506577553	1
Heart_Failure	b_cell	<i>LRRC25</i>	-0.005952803	0.013675415	0.43092445	1
Heart_Failure	b_cell	<i>LRRC34</i>	0.005981906	0.030360396	0.501226101	1
Heart_Failure	b_cell	<i>LRRC37A3</i>	0.008735369	0.002946533	0.43092445	1
Heart_Failure	b_cell	<i>LRRK2</i>	-0.000755303	0.004262188	0.43092445	1
Heart_Failure	b_cell	<i>LSS</i>	0.003889946	0.034683656	0.51177662	1
Heart_Failure	b_cell	<i>LURAP1L</i>	0.002897078	0.013483118	0.43092445	1
Heart_Failure	b_cell	<i>LYRM4</i>	0.004728009	0.019456776	0.45769006	1
Heart_Failure	b_cell	<i>MAP3K5</i>	-0.001279768	0.006262545	0.43092445	1
Heart_Failure	b_cell	<i>MAP4K5</i>	0.00139292	0.037983251	0.524543105	1
Heart_Failure	b_cell	<i>MASP1</i>	0.009092234	0.049603189	0.554072258	1
Heart_Failure	b_cell	<i>MCC</i>	0.002215467	0.012683604	0.43092445	1
Heart_Failure	b_cell	<i>MDN1</i>	0.002332684	0.043458763	0.530694905	1
Heart_Failure	b_cell	<i>ME3</i>	0.00474141	0.002003813	0.43092445	1
Heart_Failure	b_cell	<i>MEGF9</i>	-0.000975198	0.016164015	0.449991911	1
Heart_Failure	b_cell	<i>MGRN1</i>	-0.002902424	0.010321039	0.43092445	1
Heart_Failure	b_cell	<i>MIPOL1</i>	0.002144341	0.015636177	0.442852104	1
Heart_Failure	b_cell	<i>MIR22HG</i>	0.003007461	0.048447739	0.552178332	1
Heart_Failure	b_cell	<i>MMP16</i>	0.002122666	0.020679808	0.45769006	1
Heart_Failure	b_cell	<i>MMP25</i>	-0.002971371	0.004510366	0.43092445	1
Heart_Failure	b_cell	<i>MMP27</i>	0.009115098	0.026995443	0.485917981	1
Heart_Failure	b_cell	<i>MNAT1</i>	0.001777692	0.02186008	0.462347823	1
Heart_Failure	b_cell	<i>MOB3A</i>	-0.002005769	0.019518695	0.45769006	1
Heart_Failure	b_cell	<i>MOV10L1</i>	0.006709665	0.036960968	0.522464282	1
Heart_Failure	b_cell	<i>MPV17L</i>	0.021966683	0.020032981	0.45769006	1
Heart_Failure	b_cell	<i>MRAS</i>	0.00378052	0.017985691	0.45769006	1
Heart_Failure	b_cell	<i>MR11</i>	0.004653693	0.013423473	0.43092445	1
Heart_Failure	b_cell	<i>MRPL37</i>	0.007974292	0.047672183	0.549273748	1
Heart_Failure	b_cell	<i>MTMR10</i>	-0.003064063	0.0250204	0.48388968	1
Heart_Failure	b_cell	<i>MTR</i>	0.001695425	0.031641411	0.506577553	1

Heart_Failure	b_cell	<i>MTUS1</i>	0.001731701	0.022428952	0.465407011	1
Heart_Failure	b_cell	<i>MX2</i>	-0.001404182	0.008736588	0.43092445	1
Heart_Failure	b_cell	<i>MXRA7</i>	0.005375034	0.026217645	0.485067012	1
Heart_Failure	b_cell	<i>MYO1F</i>	-0.000719749	0.000829668	0.43092445	1
Heart_Failure	b_cell	<i>MYO6</i>	0.002220599	0.010278565	0.43092445	1
Heart_Failure	b_cell	<i>MYO9A</i>	0.00100025	0.040583821	0.530694905	1
Heart_Failure	b_cell	<i>NAALAD2</i>	0.003309653	0.032578161	0.506577553	1
Heart_Failure	b_cell	<i>NBPF3</i>	0.005807837	0.013055807	0.43092445	1
Heart_Failure	b_cell	<i>NCAM2</i>	0.004399369	0.018427137	0.45769006	1
Heart_Failure	b_cell	<i>NDUFAF5</i>	0.004236645	0.027543284	0.490611772	1
Heart_Failure	b_cell	<i>NEAT1</i>	-0.00039648	0.012681614	0.43092445	1
Heart_Failure	b_cell	<i>NFIA</i>	0.000980246	0.001740874	0.43092445	1
Heart_Failure	b_cell	<i>NFIX</i>	0.003066925	0.010908472	0.43092445	1
Heart_Failure	b_cell	<i>NFKBIL1</i>	0.006824563	0.036678438	0.522141901	1
Heart_Failure	b_cell	<i>NFYA</i>	0.00285647	0.021822349	0.462347823	1
Heart_Failure	b_cell	<i>NINJ1</i>	-0.005129143	0.014566602	0.436890414	1
Heart_Failure	b_cell	<i>NMNAT3</i>	0.002900251	0.041610887	0.530694905	1
Heart_Failure	b_cell	<i>NOD1</i>	0.001622482	0.007745181	0.43092445	1
Heart_Failure	b_cell	<i>NPHP3</i>	0.002918222	0.029901436	0.496363843	1
Heart_Failure	b_cell	<i>NPRL3</i>	0.004311079	0.029686816	0.495059292	1
Heart_Failure	b_cell	<i>NRIH3</i>	0.004062937	0.008725893	0.43092445	1
Heart_Failure	b_cell	<i>NSMCE4A</i>	0.002948288	0.048912517	0.552178332	1
Heart_Failure	b_cell	<i>NT5E</i>	0.003356538	0.023904413	0.478287923	1
Heart_Failure	b_cell	<i>NTNG2</i>	-0.006808652	0.037718976	0.523943947	1
Heart_Failure	b_cell	<i>NTPCR</i>	0.00637977	0.037330423	0.522684348	1
Heart_Failure	b_cell	<i>NUAK2</i>	-0.005623429	0.040749513	0.530694905	1
Heart_Failure	b_cell	<i>NUDT2</i>	0.004759743	0.043566425	0.530694905	1
Heart_Failure	b_cell	<i>NUDT7</i>	0.008568733	0.016517932	0.449991911	1
Heart_Failure	b_cell	<i>OGFRL1</i>	-0.00213366	0.029406126	0.493324142	1
Heart_Failure	b_cell	<i>OLFM2</i>	0.005423789	0.018481942	0.45769006	1
Heart_Failure	b_cell	<i>OSCAR</i>	-0.0035836	0.032543347	0.506577553	1
Heart_Failure	b_cell	<i>OXR1</i>	0.001588966	0.027974593	0.491083712	1
Heart_Failure	b_cell	<i>PACRGL</i>	0.002791339	0.041509	0.530694905	1
Heart_Failure	b_cell	<i>PADI4</i>	-0.002339362	0.014396293	0.436890414	1
Heart_Failure	b_cell	<i>PALM2</i>	0.005668568	0.022537425	0.465407011	1
Heart_Failure	b_cell	<i>PARD3</i>	0.001056858	0.000226133	0.43092445	1
Heart_Failure	b_cell	<i>PARP8</i>	-0.000845959	0.006794516	0.43092445	1
Heart_Failure	b_cell	<i>PARVG</i>	-0.002853851	0.035767122	0.519511253	1
Heart_Failure	b_cell	<i>PAX6</i>	-0.012523448	0.03258397	0.506577553	1
Heart_Failure	b_cell	<i>PBX1</i>	0.000917813	0.005401387	0.43092445	1
Heart_Failure	b_cell	<i>PCDHA10</i>	0.03104374	0.002159695	0.43092445	1
Heart_Failure	b_cell	<i>PCDHGA1</i>	0.02734896	0.011503737	0.43092445	1
Heart_Failure	b_cell	<i>PCLO</i>	0.002539785	0.044889705	0.535450849	1
Heart_Failure	b_cell	<i>PCOLCE2</i>	0.00101203	0.040083731	0.530694905	1
Heart_Failure	b_cell	<i>PCSK2</i>	0.012096851	0.027723988	0.490611772	1
Heart_Failure	b_cell	<i>PDE8A</i>	0.00166044	0.012594952	0.43092445	1
Heart_Failure	b_cell	<i>PDE8B</i>	0.004243134	0.009276949	0.43092445	1
Heart_Failure	b_cell	<i>PEAK1</i>	0.000925841	0.037081816	0.522464282	1
Heart_Failure	b_cell	<i>PEX6</i>	-0.003872251	0.02880837	0.491132479	1
Heart_Failure	b_cell	<i>PGS1</i>	-0.002963087	0.028452674	0.491132479	1
Heart_Failure	b_cell	<i>PHLDB1</i>	0.001725528	0.012217688	0.43092445	1
Heart_Failure	b_cell	<i>PLAS1</i>	-0.000952396	0.017669985	0.457488523	1

Heart_Failure	b_cell	<i>PILRA</i>	-0.001306017	0.040508316	0.530694905	1
Heart_Failure	b_cell	<i>PLA2G4C</i>	0.0043623	0.048085476	0.550495799	1
Heart_Failure	b_cell	<i>PLA2R1</i>	0.002866929	0.022983704	0.468773423	1
Heart_Failure	b_cell	<i>PLCE1</i>	0.001362911	0.02608886	0.485067012	1
Heart_Failure	b_cell	<i>PLEKHH1</i>	0.008946472	0.021710637	0.462347823	1
Heart_Failure	b_cell	<i>PLEKHH2</i>	0.002061195	0.014981119	0.438858655	1
Heart_Failure	b_cell	<i>PLSCR4</i>	0.001270927	0.011888033	0.43092445	1
Heart_Failure	b_cell	<i>POLK</i>	0.002362244	0.022841478	0.467468058	1
Heart_Failure	b_cell	<i>PPCDC</i>	-0.001263182	0.008470632	0.43092445	1
Heart_Failure	b_cell	<i>PPFIBP1</i>	0.000724326	0.012545017	0.43092445	1
Heart_Failure	b_cell	<i>PPME1</i>	0.002105529	0.036912258	0.522464282	1
Heart_Failure	b_cell	<i>PPP1R9A</i>	0.001939881	0.002776441	0.43092445	1
Heart_Failure	b_cell	<i>PPP2R1B</i>	0.001657692	0.033320823	0.507438995	1
Heart_Failure	b_cell	<i>PPT1</i>	-0.004376785	0.013074385	0.43092445	1
Heart_Failure	b_cell	<i>PRICKLE1</i>	0.001670279	0.022624224	0.465407011	1
Heart_Failure	b_cell	<i>PRIMPOL</i>	0.003241724	0.013045072	0.43092445	1
Heart_Failure	b_cell	<i>PRSS23</i>	0.001233288	0.003778506	0.43092445	1
Heart_Failure	b_cell	<i>PSMB1</i>	0.002626519	0.031629795	0.506577553	1
Heart_Failure	b_cell	<i>PSORS1C1</i>	0.007927676	0.042926405	0.530694905	1
Heart_Failure	b_cell	<i>PSTPIP1</i>	-0.003519174	0.008868792	0.43092445	1
Heart_Failure	b_cell	<i>PTAFR</i>	-0.005655683	0.001359852	0.43092445	1
Heart_Failure	b_cell	<i>PTGR1</i>	0.003517629	0.016641267	0.449991911	1
Heart_Failure	b_cell	<i>PTK2</i>	0.000816059	0.019885201	0.45769006	1
Heart_Failure	b_cell	<i>PTPN14</i>	0.00141417	0.013306991	0.43092445	1
Heart_Failure	b_cell	<i>PTPRJ</i>	-0.000953908	0.000710782	0.43092445	1
Heart_Failure	b_cell	<i>QDPR</i>	0.005179206	0.039919306	0.530694905	1
Heart_Failure	b_cell	<i>RADIL</i>	0.002207002	0.038911961	0.528495173	1
Heart_Failure	b_cell	<i>RASGEF1A</i>	0.011127082	0.007367914	0.43092445	1
Heart_Failure	b_cell	<i>RASL11A</i>	0.006685806	0.029280887	0.493324142	1
Heart_Failure	b_cell	<i>RBL2</i>	-0.001170667	0.028707659	0.491132479	1
Heart_Failure	b_cell	<i>RBM28</i>	0.003135674	0.026845239	0.485917981	1
Heart_Failure	b_cell	<i>RBMS2</i>	0.003074357	0.009252008	0.43092445	1
Heart_Failure	b_cell	<i>RDH5</i>	0.001429922	0.04142467	0.530694905	1
Heart_Failure	b_cell	<i>REEP3</i>	0.002064696	0.020755356	0.45769006	1
Heart_Failure	b_cell	<i>RFC4</i>	0.005641138	0.034075476	0.50960798	1
Heart_Failure	b_cell	<i>RFWD2</i>	-0.000866701	0.006127374	0.43092445	1
Heart_Failure	b_cell	<i>RGS11</i>	0.004755693	0.014682189	0.436890414	1
Heart_Failure	b_cell	<i>RGS18</i>	-0.002190913	0.036414254	0.52101108	1
Heart_Failure	b_cell	<i>RGS2</i>	-0.00206796	0.003587697	0.43092445	1
Heart_Failure	b_cell	<i>RHOBTB3</i>	0.001173799	0.013572593	0.43092445	1
Heart_Failure	b_cell	<i>RICTOR</i>	-0.001008333	0.00865952	0.43092445	1
Heart_Failure	b_cell	<i>RILPL2</i>	-0.002372148	0.023930403	0.478287923	1
Heart_Failure	b_cell	<i>RNASE1</i>	-0.001669987	0.004942593	0.43092445	1
Heart_Failure	b_cell	<i>RNF130</i>	-0.000890349	0.024453979	0.480620624	1
Heart_Failure	b_cell	<i>RNF149</i>	-0.000779767	0.001879073	0.43092445	1
Heart_Failure	b_cell	<i>RNF24</i>	-0.000532972	0.023731595	0.477508463	1
Heart_Failure	b_cell	<i>RPL7L1</i>	0.005428263	0.049098368	0.552564683	1
Heart_Failure	b_cell	<i>RRP12</i>	-0.004423007	0.004342704	0.43092445	1
Heart_Failure	b_cell	<i>RTCA</i>	0.00503092	0.01016083	0.43092445	1
Heart_Failure	b_cell	<i>RUFY2</i>	0.00236621	0.026984935	0.485917981	1
Heart_Failure	b_cell	<i>RUFY3</i>	0.001532769	0.042950566	0.530694905	1
Heart_Failure	b_cell	<i>SI00A8</i>	-0.002531101	0.015201923	0.438994488	1

Heart_Failure	b_cell	<i>SI00A9</i>	-0.001574246	0.017294216	0.453522976	1
Heart_Failure	b_cell	<i>SI00B</i>	0.004424642	0.017303085	0.453522976	1
Heart_Failure	b_cell	<i>SCGN</i>	0.014282642	0.013767542	0.43092445	1
Heart_Failure	b_cell	<i>SCP2</i>	0.001522232	0.028846637	0.491132479	1
Heart_Failure	b_cell	<i>SEC14L1</i>	-0.001551036	0.001277822	0.43092445	1
Heart_Failure	b_cell	<i>SEMA4D</i>	-0.001584459	0.001547325	0.43092445	1
Heart_Failure	b_cell	<i>Sep-10</i>	0.003467043	0.008586431	0.43092445	1
Heart_Failure	b_cell	<i>SGCE</i>	0.003498667	0.010685851	0.43092445	1
Heart_Failure	b_cell	<i>SH3BGR</i>	0.011277072	0.019778859	0.45769006	1
Heart_Failure	b_cell	<i>SH3D19</i>	0.001058013	0.002650183	0.43092445	1
Heart_Failure	b_cell	<i>SH3PXD2B</i>	0.001312697	0.038032785	0.524543105	1
Heart_Failure	b_cell	<i>SHC2</i>	0.007788099	0.007094456	0.43092445	1
Heart_Failure	b_cell	<i>SHMT1</i>	0.002977813	0.047069652	0.546190763	1
Heart_Failure	b_cell	<i>SIL1</i>	0.00179166	0.033547988	0.507551331	1
Heart_Failure	b_cell	<i>SIRPB1</i>	-0.009028523	0.021227003	0.462347823	1
Heart_Failure	b_cell	<i>SIRPB2</i>	-0.00296534	0.020124661	0.45769006	1
Heart_Failure	b_cell	<i>SLC1A5</i>	0.009322244	0.004840668	0.43092445	1
Heart_Failure	b_cell	<i>SLC25A16</i>	0.002872976	0.034073375	0.50960798	1
Heart_Failure	b_cell	<i>SLC25A37</i>	-0.000819527	0.040770953	0.530694905	1
Heart_Failure	b_cell	<i>SLCO3A1</i>	-0.000798254	0.004675621	0.43092445	1
Heart_Failure	b_cell	<i>SMAD5</i>	0.003045777	0.002264574	0.43092445	1
Heart_Failure	b_cell	<i>SMCHD1</i>	-0.00061058	0.00239734	0.43092445	1
Heart_Failure	b_cell	<i>SMIM8</i>	0.004828206	0.002991612	0.43092445	1
Heart_Failure	b_cell	<i>SNTB2</i>	0.001867492	0.024891005	0.482950154	1
Heart_Failure	b_cell	<i>SNX10</i>	-0.001894855	0.029470669	0.493324142	1
Heart_Failure	b_cell	<i>SOWAHC</i>	0.014268237	0.004357388	0.43092445	1
Heart_Failure	b_cell	<i>SP100</i>	-0.00108403	0.013772853	0.43092445	1
Heart_Failure	b_cell	<i>SPICE1</i>	0.002641872	0.033869855	0.50960798	1
Heart_Failure	b_cell	<i>SPTBN1</i>	0.000853619	0.003876536	0.43092445	1
Heart_Failure	b_cell	<i>SPTBN5</i>	0.016646295	0.026086895	0.485067012	1
Heart_Failure	b_cell	<i>SRGAP1</i>	0.001777149	0.010841302	0.43092445	1
Heart_Failure	b_cell	<i>SRGAP3</i>	0.002531061	0.041770021	0.530694905	1
Heart_Failure	b_cell	<i>SRPK2</i>	-0.000699202	0.005232685	0.43092445	1
Heart_Failure	b_cell	<i>SRSF10</i>	0.001602316	0.007342048	0.43092445	1
Heart_Failure	b_cell	<i>SRSF8</i>	0.008052516	0.043845703	0.530694905	1
Heart_Failure	b_cell	<i>STARD9</i>	0.00142132	0.010366072	0.43092445	1
Heart_Failure	b_cell	<i>STK17B</i>	-0.000825915	0.043621663	0.530694905	1
Heart_Failure	b_cell	<i>STON2</i>	0.000933221	0.043108243	0.530694905	1
Heart_Failure	b_cell	<i>STOX1</i>	0.003773061	0.04170786	0.530694905	1
Heart_Failure	b_cell	<i>STPG1</i>	0.006370859	0.010919942	0.43092445	1
Heart_Failure	b_cell	<i>STX17</i>	0.00249992	0.016447337	0.449991911	1
Heart_Failure	b_cell	<i>SUN1</i>	0.002201514	0.002834065	0.43092445	1
Heart_Failure	b_cell	<i>SYK</i>	-0.000809328	0.006929214	0.43092445	1
Heart_Failure	b_cell	<i>TACC2</i>	0.003146301	0.004516531	0.43092445	1
Heart_Failure	b_cell	<i>TACC3</i>	-0.005061757	0.030795322	0.502821973	1
Heart_Failure	b_cell	<i>TADA2A</i>	0.002239206	0.020695998	0.45769006	1
Heart_Failure	b_cell	<i>TAOK2</i>	0.00575855	0.042454413	0.530694905	1
Heart_Failure	b_cell	<i>TBC1D22A</i>	-0.00098848	0.026029189	0.485067012	1
Heart_Failure	b_cell	<i>TBCEL</i>	0.004425306	0.011696953	0.43092445	1
Heart_Failure	b_cell	<i>TBX6</i>	0.019252032	0.02136689	0.462347823	1
Heart_Failure	b_cell	<i>TDRD10</i>	0.003000661	0.029347879	0.493324142	1
Heart_Failure	b_cell	<i>TDRD9</i>	-0.010841643	0.013557595	0.43092445	1

Heart_Failure	b_cell	<i>TEF</i>	0.005556883	0.035887636	0.519511253	1
Heart_Failure	b_cell	<i>TFEB</i>	-0.00304489	0.011276782	0.43092445	1
Heart_Failure	b_cell	<i>THAP3</i>	0.004014247	0.02214467	0.464338766	1
Heart_Failure	b_cell	<i>THEM6</i>	0.016727902	0.014972422	0.438858655	1
Heart_Failure	b_cell	<i>THEMIS2</i>	-0.002819616	0.045225507	0.537576398	1
Heart_Failure	b_cell	<i>THRSP</i>	0.005525695	0.031459232	0.506577553	1
Heart_Failure	b_cell	<i>TK2</i>	0.004634869	0.012293356	0.43092445	1
Heart_Failure	b_cell	<i>TLN2</i>	0.001010206	0.03669672	0.522141901	1
Heart_Failure	b_cell	<i>TMCC3</i>	-0.002734319	0.008259058	0.43092445	1
Heart_Failure	b_cell	<i>TMEM106A</i>	-0.003728487	0.016372117	0.449991911	1
Heart_Failure	b_cell	<i>TMEM127</i>	-0.005698912	0.012341943	0.43092445	1
Heart_Failure	b_cell	<i>TMEM178B</i>	0.005240685	0.025947045	0.485067012	1
Heart_Failure	b_cell	<i>TMEM241</i>	0.002102585	0.020741571	0.45769006	1
Heart_Failure	b_cell	<i>TMEM45B</i>	-0.01179103	0.033462585	0.507544176	1
Heart_Failure	b_cell	<i>TNFRSF10C</i>	-0.001746157	0.011346605	0.43092445	1
Heart_Failure	b_cell	<i>TNFSF10</i>	-0.001705354	0.04622128	0.541456629	1
Heart_Failure	b_cell	<i>TP53BP1</i>	0.001797421	0.033370737	0.507438995	1
Heart_Failure	b_cell	<i>TP53I3</i>	0.004569415	0.025604115	0.485067012	1
Heart_Failure	b_cell	<i>TPRA1</i>	0.005705303	0.039573091	0.530694905	1
Heart_Failure	b_cell	<i>TRANK1</i>	-0.001971879	0.027447136	0.490611772	1
Heart_Failure	b_cell	<i>TRIM2</i>	0.003709428	0.014516123	0.436890414	1
Heart_Failure	b_cell	<i>TSHZ2</i>	0.00058004	0.00796333	0.43092445	1
Heart_Failure	b_cell	<i>TSPAN9</i>	0.002289681	0.004552623	0.43092445	1
Heart_Failure	b_cell	<i>TTC21B</i>	0.00214968	0.017894071	0.45769006	1
Heart_Failure	b_cell	<i>TTC23</i>	0.003537329	0.042206565	0.530694905	1
Heart_Failure	b_cell	<i>TTC37</i>	0.002185151	0.043869358	0.530694905	1
Heart_Failure	b_cell	<i>TTLL11</i>	0.003861002	0.017234039	0.453522976	1
Heart_Failure	b_cell	<i>TUBB8</i>	-0.013484212	0.009119855	0.43092445	1
Heart_Failure	b_cell	<i>TUBG2</i>	0.006544105	0.008225118	0.43092445	1
Heart_Failure	b_cell	<i>TUSC5</i>	0.003596794	0.043776603	0.530694905	1
Heart_Failure	b_cell	<i>TYMP</i>	-0.002445724	0.002416338	0.43092445	1
Heart_Failure	b_cell	<i>TYW1</i>	0.002225734	0.035713927	0.519511253	1
Heart_Failure	b_cell	<i>UACA</i>	0.001459124	0.00602619	0.43092445	1
Heart_Failure	b_cell	<i>UBASH3B</i>	-0.00240568	0.021972353	0.462347823	1
Heart_Failure	b_cell	<i>UBN1</i>	-0.001594996	0.011025397	0.43092445	1
Heart_Failure	b_cell	<i>UBXN2A</i>	0.003189571	0.040770855	0.530694905	1
Heart_Failure	b_cell	<i>UGGT2</i>	0.001424848	0.026406066	0.485546618	1
Heart_Failure	b_cell	<i>UGP2</i>	0.001580997	0.015093407	0.438994488	1
Heart_Failure	b_cell	<i>ULK3</i>	0.004009327	0.030394772	0.501226101	1
Heart_Failure	b_cell	<i>UPF3A</i>	0.001671921	0.032130226	0.506577553	1
Heart_Failure	b_cell	<i>USP15</i>	-0.000933534	0.003387153	0.43092445	1
Heart_Failure	b_cell	<i>USP40</i>	0.002738138	0.018868628	0.45769006	1
Heart_Failure	b_cell	<i>UTS2</i>	0.009126871	0.035903304	0.519511253	1
Heart_Failure	b_cell	<i>VEZT</i>	0.002196335	0.019108653	0.45769006	1
Heart_Failure	b_cell	<i>VMP1</i>	-0.000488461	0.038438436	0.526853426	1
Heart_Failure	b_cell	<i>VNN2</i>	-0.001769026	0.014767715	0.436890414	1
Heart_Failure	b_cell	<i>VNN3</i>	-0.004409696	0.016495553	0.449991911	1
Heart_Failure	b_cell	<i>VPS28</i>	-0.003925791	0.046887438	0.54520344	1
Heart_Failure	b_cell	<i>VPS8</i>	-0.001761956	0.007221244	0.43092445	1
Heart_Failure	b_cell	<i>WASF1</i>	0.003490029	0.039968615	0.530694905	1
Heart_Failure	b_cell	<i>WBP4</i>	0.003175619	0.042543547	0.530694905	1
Heart_Failure	b_cell	<i>WDR60</i>	0.002878453	0.003264042	0.43092445	1

Heart_Failure	b_cell	<i>WFS1</i>	0.004295416	0.037787791	0.523943947	1
Heart_Failure	b_cell	<i>WIPF1</i>	-0.000849682	0.033008875	0.507097781	1
Heart_Failure	b_cell	<i>WVOX</i>	0.000869085	0.027926677	0.491083712	1
Heart_Failure	b_cell	<i>WWTR1</i>	0.001383767	0.018920854	0.45769006	1
Heart_Failure	b_cell	<i>XPO6</i>	-0.001115099	0.002292964	0.43092445	1
Heart_Failure	b_cell	<i>XRCC3</i>	0.00477001	0.036186961	0.52101108	1
Heart_Failure	b_cell	<i>ZBTB38</i>	0.001388004	0.029070606	0.493324142	1
Heart_Failure	b_cell	<i>ZC2HC1A</i>	0.002226771	0.022662892	0.465407011	1
Heart_Failure	b_cell	<i>ZDHHHC8</i>	0.003696339	0.049902011	0.55517105	1
Heart_Failure	b_cell	<i>ZFHX4</i>	0.002298735	0.004061646	0.43092445	1
Heart_Failure	b_cell	<i>ZFP28</i>	0.004360701	0.045655542	0.540748496	1
Heart_Failure	b_cell	<i>ZFPM2</i>	0.000644877	0.014672809	0.436890414	1
Heart_Failure	b_cell	<i>ZKSCAN1</i>	0.002135478	0.046474884	0.542449041	1
Heart_Failure	b_cell	<i>ZNF117</i>	0.00329607	0.008527269	0.43092445	1
Heart_Failure	b_cell	<i>ZNF143</i>	-0.003567444	0.015785111	0.444961432	1
Heart_Failure	b_cell	<i>ZNF200</i>	-0.008853015	0.013228716	0.43092445	1
Heart_Failure	b_cell	<i>ZNF248</i>	0.003356304	0.006473003	0.43092445	1
Heart_Failure	b_cell	<i>ZNF273</i>	0.004390965	0.034237876	0.50960798	1
Heart_Failure	b_cell	<i>ZNF3</i>	0.0040723	0.041800394	0.530694905	1
Heart_Failure	b_cell	<i>ZNF302</i>	0.002398339	0.013614127	0.43092445	1
Heart_Failure	b_cell	<i>ZNF33A</i>	-0.002346882	0.033094322	0.50710684	1
Heart_Failure	b_cell	<i>ZNF354C</i>	0.004098097	0.00671056	0.43092445	1
Heart_Failure	b_cell	<i>ZNF470</i>	0.014602903	0.021926309	0.462347823	1
Heart_Failure	b_cell	<i>ZNF471</i>	0.005155466	0.044250591	0.533148248	1
Heart_Failure	b_cell	<i>ZNF483</i>	0.005771737	0.011954682	0.43092445	1
Heart_Failure	b_cell	<i>ZNF507</i>	0.002436818	0.01930399	0.45769006	1
Heart_Failure	b_cell	<i>ZNF565</i>	0.002762806	0.015437156	0.441399256	1
Heart_Failure	b_cell	<i>ZNF568</i>	0.004753753	0.044536841	0.533371061	1
Heart_Failure	b_cell	<i>ZNF667</i>	0.008250613	0.029740008	0.495059292	1
Heart_Failure	b_cell	<i>ZNF682</i>	0.006300342	0.040324357	0.530694905	1
Heart_Failure	b_cell	<i>ZNF717</i>	0.005458941	0.004331566	0.43092445	1
Heart_Failure	b_cell	<i>ZNF740</i>	0.005752198	0.026755787	0.485917981	1
Heart_Failure	b_cell	<i>ZNF83</i>	0.002041102	0.036193962	0.52101108	1
Heart_Failure	b_cell	<i>ZNF835</i>	0.016498159	0.011386414	0.43092445	1
Heart_Failure	b_cell	<i>ZSCAN23</i>	0.01053692	0.009656161	0.43092445	1
Heart_Failure	b_cell	<i>ZSCAN31</i>	0.006821035	0.010245012	0.43092445	1
Heart_Failure	b_cell	<i>CWH43</i>	0.023812325	0.041506379	0.530694905	1
Heart_Failure	b_cell	<i>OR2A25</i>	0.068118932	0.034343509	0.50960798	1
Heart_Failure	b_cell	<i>S100A12</i>	0.031049208	0.047678322	0.549273748	1
Heart_Failure	b_cell	<i>IRX5</i>	0.018219028	0.017230252	0.453522976	1
Heart_Failure	b_cell	<i>LINC01123</i>	0.010032729	0.011102315	0.43092445	1
Heart_Failure	dendritic_cell	<i>ABCA8</i>	0.000881155	0.022854029	0.47616335	1
Heart_Failure	dendritic_cell	<i>ABHD3</i>	-0.002313475	0.005598882	0.445895105	1
Heart_Failure	dendritic_cell	<i>ABTB1</i>	-0.002762894	0.025031073	0.48424814	1
Heart_Failure	dendritic_cell	<i>ABTB2</i>	-0.005309837	0.006688974	0.445895105	1
Heart_Failure	dendritic_cell	<i>ACAD9</i>	0.005949661	0.039398171	0.552503249	1
Heart_Failure	dendritic_cell	<i>ACKR4</i>	0.00473439	0.031079266	0.512254314	1
Heart_Failure	dendritic_cell	<i>ACSM5</i>	0.005397103	0.04842062	0.561696582	1
Heart_Failure	dendritic_cell	<i>ACSS3</i>	0.002103956	0.010325595	0.445983685	1
Heart_Failure	dendritic_cell	<i>ACYP2</i>	0.001384069	0.025335439	0.485554871	1
Heart_Failure	dendritic_cell	<i>ADAMTS12</i>	0.000841811	0.049282361	0.562642062	1
Heart_Failure	dendritic_cell	<i>ADAMTSL3</i>	0.001170479	0.046007619	0.560307607	1

Heart_Failure	dendritic_cell	<i>ADAT2</i>	0.004729555	0.012738711	0.445983685	1
Heart_Failure	dendritic_cell	<i>ADD2</i>	0.006227	0.014763213	0.445983685	1
Heart_Failure	dendritic_cell	<i>AGTPBP1</i>	-0.001721385	0.005024294	0.445895105	1
Heart_Failure	dendritic_cell	<i>AHI1</i>	0.000836898	0.048760154	0.561696582	1
Heart_Failure	dendritic_cell	<i>AIG1</i>	0.003636132	0.010282929	0.445983685	1
Heart_Failure	dendritic_cell	<i>AK3</i>	0.002947873	0.029423542	0.502385968	1
Heart_Failure	dendritic_cell	<i>AK9</i>	0.003043956	0.019332088	0.460418574	1
Heart_Failure	dendritic_cell	<i>AKR1C3</i>	0.003640884	0.035335376	0.531899759	1
Heart_Failure	dendritic_cell	<i>AL590822.1</i>	0.008321356	0.010338004	0.445983685	1
Heart_Failure	dendritic_cell	<i>ALG8</i>	0.002207688	0.043866187	0.559049222	1
Heart_Failure	dendritic_cell	<i>ALPK1</i>	-0.001293862	0.030892903	0.512254314	1
Heart_Failure	dendritic_cell	<i>ALPK3</i>	0.004651161	0.004533222	0.445895105	1
Heart_Failure	dendritic_cell	<i>ALS2CR12</i>	0.008216754	0.023419977	0.47616335	1
Heart_Failure	dendritic_cell	<i>ANKRD13D</i>	-0.002379477	0.047690032	0.561696582	1
Heart_Failure	dendritic_cell	<i>ANKRD26</i>	0.003857183	0.005017928	0.445895105	1
Heart_Failure	dendritic_cell	<i>ANKRD36C</i>	0.001594114	0.038620862	0.545622389	1
Heart_Failure	dendritic_cell	<i>ANKRD44</i>	-0.000707906	0.000852345	0.445895105	1
Heart_Failure	dendritic_cell	<i>ANO3</i>	0.001938077	0.028651371	0.496739957	1
Heart_Failure	dendritic_cell	<i>ANTXR2</i>	-0.001140641	0.014595557	0.445983685	1
Heart_Failure	dendritic_cell	<i>APBB1IP</i>	-0.000697307	0.004521484	0.445895105	1
Heart_Failure	dendritic_cell	<i>APCDD1</i>	0.003391876	0.031544442	0.512254314	1
Heart_Failure	dendritic_cell	<i>ARFGEF2</i>	0.00193176	0.044248709	0.559049222	1
Heart_Failure	dendritic_cell	<i>ARHGAP9</i>	-0.004254484	0.000846748	0.445895105	1
Heart_Failure	dendritic_cell	<i>ARHGDIB</i>	-0.002045084	0.008026645	0.445983685	1
Heart_Failure	dendritic_cell	<i>ARPC2</i>	-0.001189908	0.006654076	0.445895105	1
Heart_Failure	dendritic_cell	<i>ARPC5</i>	-0.002217909	0.006957358	0.445895105	1
Heart_Failure	dendritic_cell	<i>ARRDC1</i>	-0.006853955	0.017277114	0.452842245	1
Heart_Failure	dendritic_cell	<i>ASAP2</i>	0.001620984	0.02648321	0.489980374	1
Heart_Failure	dendritic_cell	<i>ASAP3</i>	0.004450107	0.041923075	0.557978394	1
Heart_Failure	dendritic_cell	<i>ASB6</i>	0.007752541	0.045995059	0.560307607	1
Heart_Failure	dendritic_cell	<i>ASCC1</i>	0.004345581	0.014706365	0.445983685	1
Heart_Failure	dendritic_cell	<i>ATE1</i>	0.001852594	0.045275157	0.560307607	1
Heart_Failure	dendritic_cell	<i>ATP9A</i>	0.001974128	0.017513306	0.453071499	1
Heart_Failure	dendritic_cell	<i>AUTS2</i>	0.000641927	0.013877376	0.445983685	1
Heart_Failure	dendritic_cell	<i>B3GNTL1</i>	-0.003824	0.037616736	0.538257568	1
Heart_Failure	dendritic_cell	<i>BALAP2L2</i>	0.003466268	0.030789831	0.512254314	1
Heart_Failure	dendritic_cell	<i>BASP1</i>	-0.001001743	0.036630262	0.535871666	1
Heart_Failure	dendritic_cell	<i>BDH2</i>	0.004230208	0.012199736	0.445983685	1
Heart_Failure	dendritic_cell	<i>BECN1</i>	0.00281592	0.046281338	0.560307607	1
Heart_Failure	dendritic_cell	<i>BEND6</i>	0.008663953	0.039539481	0.552503249	1
Heart_Failure	dendritic_cell	<i>BMP1</i>	0.003908124	0.038471262	0.544796825	1
Heart_Failure	dendritic_cell	<i>BOK</i>	0.004450749	0.037101659	0.535871666	1
Heart_Failure	dendritic_cell	<i>BTBD6</i>	0.00687499	0.035966103	0.53485094	1
Heart_Failure	dendritic_cell	<i>BTN3A1</i>	-0.001684729	0.047197762	0.561696582	1
Heart_Failure	dendritic_cell	<i>C10orf105</i>	-0.018291771	0.026011002	0.488285618	1
Heart_Failure	dendritic_cell	<i>C15orf61</i>	-0.007183566	0.02766557	0.496404409	1
Heart_Failure	dendritic_cell	<i>C17orf58</i>	0.003906123	0.04087378	0.554623769	1
Heart_Failure	dendritic_cell	<i>C19orf12</i>	0.003877404	0.019632262	0.460418574	1
Heart_Failure	dendritic_cell	<i>C1QTNF7</i>	0.00198277	0.048224675	0.561696582	1
Heart_Failure	dendritic_cell	<i>C1orf21</i>	0.000830835	0.022418631	0.47616335	1
Heart_Failure	dendritic_cell	<i>C2orf69</i>	0.003646607	0.004865494	0.445895105	1
Heart_Failure	dendritic_cell	<i>C5AR1</i>	-0.001359195	0.009936075	0.445983685	1

Heart_Failure	dendritic_cell	<i>C5orf42</i>	0.002106671	0.01420661	0.445983685	1
Heart_Failure	dendritic_cell	<i>C6orf132</i>	0.007013506	0.046007103	0.560307607	1
Heart_Failure	dendritic_cell	<i>C8orf46</i>	0.00629429	0.03186261	0.513074403	1
Heart_Failure	dendritic_cell	<i>C9orf66</i>	-0.007210294	0.012201399	0.445983685	1
Heart_Failure	dendritic_cell	<i>CACNA2D1</i>	0.001051625	0.010871265	0.445983685	1
Heart_Failure	dendritic_cell	<i>CAMSAP2</i>	0.002403971	0.006456799	0.445895105	1
Heart_Failure	dendritic_cell	<i>CASP8</i>	-0.001640993	0.014752758	0.445983685	1
Heart_Failure	dendritic_cell	<i>CAT</i>	0.001759915	0.04187256	0.557978394	1
Heart_Failure	dendritic_cell	<i>CAV1</i>	0.001476609	0.019646375	0.460418574	1
Heart_Failure	dendritic_cell	<i>CBL</i>	-0.001777627	0.023509537	0.47616335	1
Heart_Failure	dendritic_cell	<i>CCDC102B</i>	0.001657658	0.021003257	0.470472651	1
Heart_Failure	dendritic_cell	<i>CCDC36</i>	0.003719514	0.034953239	0.531286817	1
Heart_Failure	dendritic_cell	<i>CCDC8</i>	0.012838674	0.017185416	0.452423122	1
Heart_Failure	dendritic_cell	<i>CCDC92</i>	0.002921348	0.032187726	0.513074403	1
Heart_Failure	dendritic_cell	<i>CCL24</i>	0.025535306	0.028056468	0.496404409	1
Heart_Failure	dendritic_cell	<i>CCL4</i>	-0.002235928	0.016661415	0.452423122	1
Heart_Failure	dendritic_cell	<i>CDA</i>	-0.003176672	0.017491856	0.453071499	1
Heart_Failure	dendritic_cell	<i>CDC42BPA</i>	0.000974876	0.018671543	0.460418574	1
Heart_Failure	dendritic_cell	<i>CDHR3</i>	0.002481312	0.015100883	0.446746928	1
Heart_Failure	dendritic_cell	<i>CDK19</i>	-0.001526647	0.036808686	0.535871666	1
Heart_Failure	dendritic_cell	<i>CDON</i>	0.001463203	0.049653484	0.563643164	1
Heart_Failure	dendritic_cell	<i>CEACAM4</i>	-0.007287086	0.009691504	0.445983685	1
Heart_Failure	dendritic_cell	<i>CECR2</i>	0.00401147	0.01012376	0.445983685	1
Heart_Failure	dendritic_cell	<i>CENPC</i>	0.001660404	0.024675869	0.483787596	1
Heart_Failure	dendritic_cell	<i>CEP112</i>	0.001360286	0.005451356	0.445895105	1
Heart_Failure	dendritic_cell	<i>CEP19</i>	-0.010427292	0.002368499	0.445895105	1
Heart_Failure	dendritic_cell	<i>CEP41</i>	0.010062129	0.012403784	0.445983685	1
Heart_Failure	dendritic_cell	<i>CFH</i>	0.001322329	0.025620593	0.486059242	1
Heart_Failure	dendritic_cell	<i>CHI3L1</i>	-0.004559331	0.008306594	0.445983685	1
Heart_Failure	dendritic_cell	<i>CHRD12</i>	-0.012738866	0.036983429	0.535871666	1
Heart_Failure	dendritic_cell	<i>CHST11</i>	-0.000754327	0.000901051	0.445895105	1
Heart_Failure	dendritic_cell	<i>CLEC4E</i>	-0.001959002	0.014950527	0.445983685	1
Heart_Failure	dendritic_cell	<i>CMTM4</i>	0.006117898	0.040697257	0.55400184	1
Heart_Failure	dendritic_cell	<i>CNTN6</i>	0.007779772	0.035978929	0.53485094	1
Heart_Failure	dendritic_cell	<i>COBLL1</i>	0.00095048	0.02614462	0.488285618	1
Heart_Failure	dendritic_cell	<i>COL12A1</i>	0.001689327	0.020462296	0.464315134	1
Heart_Failure	dendritic_cell	<i>COL15A1</i>	0.002156248	0.027844792	0.496404409	1
Heart_Failure	dendritic_cell	<i>COL16A1</i>	0.003511726	0.047977207	0.561696582	1
Heart_Failure	dendritic_cell	<i>COL18A1</i>	0.001157173	0.032147494	0.513074403	1
Heart_Failure	dendritic_cell	<i>COPE</i>	-0.003693957	0.013898831	0.445983685	1
Heart_Failure	dendritic_cell	<i>COPG2</i>	0.00309939	0.046647879	0.560900855	1
Heart_Failure	dendritic_cell	<i>COTL1</i>	-0.002312058	0.009471172	0.445983685	1
Heart_Failure	dendritic_cell	<i>COX6B1</i>	0.003513034	0.031866886	0.513074403	1
Heart_Failure	dendritic_cell	<i>COX7A1</i>	0.006419393	0.022810283	0.47616335	1
Heart_Failure	dendritic_cell	<i>CPNE3</i>	0.003316263	0.036438414	0.535871666	1
Heart_Failure	dendritic_cell	<i>CPPED1</i>	-0.000844527	0.004098279	0.445895105	1
Heart_Failure	dendritic_cell	<i>CPS1</i>	0.008000607	0.0218604	0.473325177	1
Heart_Failure	dendritic_cell	<i>CROCC</i>	0.003513781	0.034688185	0.531286817	1
Heart_Failure	dendritic_cell	<i>CSRNPI</i>	-0.007950439	0.040436903	0.55400184	1
Heart_Failure	dendritic_cell	<i>CTBS</i>	-0.002800727	0.010076169	0.445983685	1
Heart_Failure	dendritic_cell	<i>CTDNEP1</i>	-0.012402548	0.002127401	0.445895105	1
Heart_Failure	dendritic_cell	<i>CTNNA1</i>	0.00206915	0.012228247	0.445983685	1

Heart_Failure	dendritic_cell	<i>CTSF</i>	0.00611783	0.01231496	0.445983685	1
Heart_Failure	dendritic_cell	<i>CTSS</i>	-0.000888392	0.006564913	0.445895105	1
Heart_Failure	dendritic_cell	<i>CTSZ</i>	-0.002703423	0.048528839	0.561696582	1
Heart_Failure	dendritic_cell	<i>CXCR4</i>	-0.003248473	0.032505268	0.513321802	1
Heart_Failure	dendritic_cell	<i>DCBLD2</i>	0.003521342	0.001085287	0.445895105	1
Heart_Failure	dendritic_cell	<i>DCLK2</i>	0.003472071	0.013079403	0.445983685	1
Heart_Failure	dendritic_cell	<i>DCT</i>	0.010193965	0.017376093	0.453071499	1
Heart_Failure	dendritic_cell	<i>DDI2</i>	0.002839279	0.040487686	0.55400184	1
Heart_Failure	dendritic_cell	<i>DHX34</i>	-0.002410205	0.008895584	0.445983685	1
Heart_Failure	dendritic_cell	<i>DHX57</i>	0.003034929	0.027153154	0.496230112	1
Heart_Failure	dendritic_cell	<i>DIRC3</i>	0.001376136	0.005126308	0.445895105	1
Heart_Failure	dendritic_cell	<i>DISC1</i>	-0.00131909	0.032515923	0.513321802	1
Heart_Failure	dendritic_cell	<i>DLG5</i>	0.002899824	0.036658553	0.535871666	1
Heart_Failure	dendritic_cell	<i>DMKN</i>	0.009355405	0.023545552	0.47616335	1
Heart_Failure	dendritic_cell	<i>DMTF1</i>	0.00138163	0.046567163	0.560900855	1
Heart_Failure	dendritic_cell	<i>DOCK1</i>	0.000947263	0.02805584	0.496404409	1
Heart_Failure	dendritic_cell	<i>DOCK5</i>	-0.000429953	0.038284462	0.543439294	1
Heart_Failure	dendritic_cell	<i>DOCK8</i>	-0.000536562	0.016533611	0.452423122	1
Heart_Failure	dendritic_cell	<i>DPYD</i>	-0.00062542	0.045474038	0.560307607	1
Heart_Failure	dendritic_cell	<i>DTWD1</i>	0.002978068	0.013652973	0.445983685	1
Heart_Failure	dendritic_cell	<i>DTX1</i>	0.007325686	0.001195121	0.445895105	1
Heart_Failure	dendritic_cell	<i>DYNC2LI1</i>	0.002761666	0.019452621	0.460418574	1
Heart_Failure	dendritic_cell	<i>ECM2</i>	0.002369854	0.004230138	0.445895105	1
Heart_Failure	dendritic_cell	<i>EFCAB13</i>	0.002456537	0.02413035	0.48093082	1
Heart_Failure	dendritic_cell	<i>EFCAB2</i>	0.003233039	0.007009756	0.445895105	1
Heart_Failure	dendritic_cell	<i>EFEMP1</i>	0.001536277	0.009120209	0.445983685	1
Heart_Failure	dendritic_cell	<i>EFTUD2</i>	0.002293821	0.035045723	0.531286817	1
Heart_Failure	dendritic_cell	<i>ELL</i>	-0.002756226	0.00598135	0.445895105	1
Heart_Failure	dendritic_cell	<i>ELP5</i>	0.004922835	0.041687145	0.557978394	1
Heart_Failure	dendritic_cell	<i>EMP2</i>	0.002360007	0.038056139	0.541484497	1
Heart_Failure	dendritic_cell	<i>ENDOU</i>	0.016399848	0.042700343	0.55834537	1
Heart_Failure	dendritic_cell	<i>ENOSF1</i>	0.001545694	0.03995091	0.553936513	1
Heart_Failure	dendritic_cell	<i>EP300</i>	-0.001418519	0.008603212	0.445983685	1
Heart_Failure	dendritic_cell	<i>EPHB1</i>	-0.000702392	0.02409905	0.48093082	1
Heart_Failure	dendritic_cell	<i>ERICH1</i>	0.001547977	0.027537805	0.496404409	1
Heart_Failure	dendritic_cell	<i>ETFDH</i>	0.002185975	0.043051149	0.55834537	1
Heart_Failure	dendritic_cell	<i>ETV6</i>	-0.000847334	0.03258428	0.513321802	1
Heart_Failure	dendritic_cell	<i>EYA3</i>	-0.002660634	0.023172736	0.47616335	1
Heart_Failure	dendritic_cell	<i>EZH1</i>	0.002816883	0.012929903	0.445983685	1
Heart_Failure	dendritic_cell	<i>FAM114A1</i>	0.002338491	0.046846159	0.561143991	1
Heart_Failure	dendritic_cell	<i>FAM126A</i>	0.001445459	0.047316081	0.561696582	1
Heart_Failure	dendritic_cell	<i>FAM126B</i>	-0.001498524	0.009712246	0.445983685	1
Heart_Failure	dendritic_cell	<i>FAM161A</i>	0.010602773	0.030788223	0.512254314	1
Heart_Failure	dendritic_cell	<i>FAM173B</i>	0.005870009	0.022741749	0.47616335	1
Heart_Failure	dendritic_cell	<i>FAM19A2</i>	-0.003408871	0.014192562	0.445983685	1
Heart_Failure	dendritic_cell	<i>FAM71F2</i>	0.007539064	0.014426762	0.445983685	1
Heart_Failure	dendritic_cell	<i>FAM89A</i>	0.005467436	0.018634855	0.460418574	1
Heart_Failure	dendritic_cell	<i>FASN</i>	0.006286968	0.00400503	0.445895105	1
Heart_Failure	dendritic_cell	<i>FBLN7</i>	0.005075592	0.04398558	0.559049222	1
Heart_Failure	dendritic_cell	<i>FCAR</i>	-0.004531539	0.004930176	0.445895105	1
Heart_Failure	dendritic_cell	<i>FCHSD1</i>	-0.004866746	0.013008756	0.445983685	1
Heart_Failure	dendritic_cell	<i>FGFR1</i>	0.001561402	0.008951517	0.445983685	1

Heart_Failure	dendritic_cell	<i>FHOD3</i>	0.002960424	0.011870403	0.445983685	1
Heart_Failure	dendritic_cell	<i>FILIP1</i>	0.00173638	0.01683139	0.452423122	1
Heart_Failure	dendritic_cell	<i>FKBP9</i>	0.003907692	0.037649207	0.538257568	1
Heart_Failure	dendritic_cell	<i>FLRT2</i>	0.00119485	0.01001012	0.445983685	1
Heart_Failure	dendritic_cell	<i>FMO2</i>	0.002276294	0.019598479	0.460418574	1
Heart_Failure	dendritic_cell	<i>FNBP1</i>	-0.000908942	0.026445416	0.489980374	1
Heart_Failure	dendritic_cell	<i>FOXP2</i>	0.001333744	0.011373218	0.445983685	1
Heart_Failure	dendritic_cell	<i>FPR1</i>	-0.002002971	0.002607176	0.445895105	1
Heart_Failure	dendritic_cell	<i>GATAD1</i>	0.002295446	0.024852738	0.483787596	1
Heart_Failure	dendritic_cell	<i>GBP5</i>	-0.002754371	0.034986447	0.531286817	1
Heart_Failure	dendritic_cell	<i>GDPD5</i>	0.005319182	0.018351323	0.460418574	1
Heart_Failure	dendritic_cell	<i>GFMI</i>	0.002410026	0.041473164	0.55695197	1
Heart_Failure	dendritic_cell	<i>GGA1</i>	-0.00581144	0.010112446	0.445983685	1
Heart_Failure	dendritic_cell	<i>GHR</i>	0.000913702	0.024143113	0.48093082	1
Heart_Failure	dendritic_cell	<i>GLIPR1</i>	-0.002622922	0.006092916	0.445895105	1
Heart_Failure	dendritic_cell	<i>GLIPR2</i>	-0.002204186	0.04970548	0.563643164	1
Heart_Failure	dendritic_cell	<i>GLIS1</i>	0.006189307	0.043187757	0.55834537	1
Heart_Failure	dendritic_cell	<i>GLOD4</i>	-0.00716307	0.042964063	0.55834537	1
Heart_Failure	dendritic_cell	<i>GLRX</i>	0.001482205	0.047672935	0.561696582	1
Heart_Failure	dendritic_cell	<i>GNAL</i>	0.00354005	0.025038935	0.48424814	1
Heart_Failure	dendritic_cell	<i>GNB3</i>	0.018787289	0.039662633	0.552503249	1
Heart_Failure	dendritic_cell	<i>GNPDA2</i>	0.003910263	0.043080184	0.55834537	1
Heart_Failure	dendritic_cell	<i>GOLGA3</i>	0.003382095	0.043158057	0.55834537	1
Heart_Failure	dendritic_cell	<i>GPHN</i>	0.001293524	0.010657118	0.445983685	1
Heart_Failure	dendritic_cell	<i>GRAMD1C</i>	-0.003266278	0.0224216	0.47616335	1
Heart_Failure	dendritic_cell	<i>GREB1L</i>	0.001827193	0.042527469	0.55834537	1
Heart_Failure	dendritic_cell	<i>GS1-124K5.4</i>	0.007132277	0.040417232	0.55400184	1
Heart_Failure	dendritic_cell	<i>GSTCD</i>	0.003164289	0.017088124	0.452423122	1
Heart_Failure	dendritic_cell	<i>GTF2IRD1</i>	0.004353304	0.023102251	0.47616335	1
Heart_Failure	dendritic_cell	<i>GXYLT2</i>	0.003500709	0.02694445	0.495446263	1
Heart_Failure	dendritic_cell	<i>H1FX</i>	0.003299221	0.046087498	0.560307607	1
Heart_Failure	dendritic_cell	<i>H3F3A</i>	-0.003652681	0.010850804	0.445983685	1
Heart_Failure	dendritic_cell	<i>HACE1</i>	0.002393937	0.031304417	0.512254314	1
Heart_Failure	dendritic_cell	<i>HCG27</i>	-0.004304031	0.029303989	0.502385968	1
Heart_Failure	dendritic_cell	<i>HCLSI</i>	-0.002276745	5.76E-05	0.344368333	0.344368333
Heart_Failure	dendritic_cell	<i>HIBADH</i>	0.002085163	0.020511914	0.464315134	1
Heart_Failure	dendritic_cell	<i>HIBCH</i>	0.001499645	0.014682796	0.445983685	1
Heart_Failure	dendritic_cell	<i>HIPK4</i>	0.022542408	0.014079267	0.445983685	1
Heart_Failure	dendritic_cell	<i>HLA-B</i>	-0.0007934	0.005264628	0.445895105	1
Heart_Failure	dendritic_cell	<i>HLA-DQB2</i>	-0.006302615	0.02608163	0.488285618	1
Heart_Failure	dendritic_cell	<i>HLA-E</i>	-0.001118203	0.0294098	0.502385968	1
Heart_Failure	dendritic_cell	<i>HLTF</i>	0.003006813	0.04385306	0.559049222	1
Heart_Failure	dendritic_cell	<i>HOXA6</i>	0.006575236	0.033193531	0.517923078	1
Heart_Failure	dendritic_cell	<i>HOXB3</i>	0.003625235	0.003138189	0.445895105	1
Heart_Failure	dendritic_cell	<i>HOXB6</i>	0.008571877	0.013067082	0.445983685	1
Heart_Failure	dendritic_cell	<i>HOXB7</i>	0.009074233	0.023336738	0.47616335	1
Heart_Failure	dendritic_cell	<i>HOXD3</i>	0.003835245	0.037081371	0.535871666	1
Heart_Failure	dendritic_cell	<i>HSPG2</i>	0.001046237	0.008661973	0.445983685	1
Heart_Failure	dendritic_cell	<i>IFI27L1</i>	0.005937411	0.034011329	0.527926502	1
Heart_Failure	dendritic_cell	<i>IFITM1</i>	-0.006902931	0.039810294	0.553270504	1
Heart_Failure	dendritic_cell	<i>IFNAR2</i>	-0.001562594	0.006034554	0.445895105	1
Heart_Failure	dendritic_cell	<i>IGF2R</i>	-0.00079598	0.013776736	0.445983685	1

Heart_Failure	dendritic_cell	<i>IKBIP</i>	-0.002386386	0.002971942	0.445895105	1
Heart_Failure	dendritic_cell	<i>IL11RA</i>	0.003938157	0.030029717	0.509822701	1
Heart_Failure	dendritic_cell	<i>INVS</i>	0.001686414	0.027055867	0.495968903	1
Heart_Failure	dendritic_cell	<i>IQCG</i>	0.001916249	0.017679143	0.453435866	1
Heart_Failure	dendritic_cell	<i>IQGAPI</i>	-0.000952829	0.016355146	0.452423122	1
Heart_Failure	dendritic_cell	<i>IRSI</i>	0.003244466	0.014263855	0.445983685	1
Heart_Failure	dendritic_cell	<i>ISG20</i>	-0.003276424	0.024853212	0.483787596	1
Heart_Failure	dendritic_cell	<i>ITGA11</i>	0.00153047	0.04069428	0.55400184	1
Heart_Failure	dendritic_cell	<i>ITGB2</i>	-0.001629487	0.045778485	0.560307607	1
Heart_Failure	dendritic_cell	<i>ITIH4</i>	0.010011242	0.010999556	0.445983685	1
Heart_Failure	dendritic_cell	<i>KATNAL2</i>	0.003369327	0.047060986	0.561350203	1
Heart_Failure	dendritic_cell	<i>KCNA1</i>	0.01281224	0.045890722	0.560307607	1
Heart_Failure	dendritic_cell	<i>KCNG2</i>	0.010950018	0.040321341	0.55400184	1
Heart_Failure	dendritic_cell	<i>KCNIP4</i>	0.002372748	0.031508046	0.512254314	1
Heart_Failure	dendritic_cell	<i>KCNJ15</i>	-0.000781162	0.009625851	0.445983685	1
Heart_Failure	dendritic_cell	<i>KCNS3</i>	0.006675963	0.043258686	0.55834537	1
Heart_Failure	dendritic_cell	<i>KCNT2</i>	0.003488833	0.021380264	0.470472651	1
Heart_Failure	dendritic_cell	<i>KCNU1</i>	0.010219057	0.026597456	0.490575304	1
Heart_Failure	dendritic_cell	<i>KHDRBS3</i>	0.001891194	0.009750462	0.445983685	1
Heart_Failure	dendritic_cell	<i>KIAA1755</i>	0.006172308	0.018020319	0.460211235	1
Heart_Failure	dendritic_cell	<i>KIFC3</i>	0.004165336	0.042064766	0.55834537	1
Heart_Failure	dendritic_cell	<i>KLF14</i>	-0.017034056	0.028575275	0.496739957	1
Heart_Failure	dendritic_cell	<i>L3MBTL4</i>	0.001270242	0.016401931	0.452423122	1
Heart_Failure	dendritic_cell	<i>LAMA4</i>	0.000922557	0.00393215	0.445895105	1
Heart_Failure	dendritic_cell	<i>LAMB2</i>	0.002556234	0.028847764	0.49681337	1
Heart_Failure	dendritic_cell	<i>LAPTM5</i>	-0.002089345	0.016400379	0.452423122	1
Heart_Failure	dendritic_cell	<i>LARP6</i>	0.005382877	0.04259601	0.55834537	1
Heart_Failure	dendritic_cell	<i>LCP2</i>	-0.001555149	0.000840081	0.445895105	1
Heart_Failure	dendritic_cell	<i>LGALS2</i>	-0.006826868	0.028533896	0.496739957	1
Heart_Failure	dendritic_cell	<i>LILRA6</i>	-0.005868728	0.020152153	0.464315134	1
Heart_Failure	dendritic_cell	<i>LILRB3</i>	-0.002316641	0.001249441	0.445895105	1
Heart_Failure	dendritic_cell	<i>LIMA1</i>	0.001050622	0.004201899	0.445895105	1
Heart_Failure	dendritic_cell	<i>LINC00240</i>	0.006992924	0.019021516	0.460418574	1
Heart_Failure	dendritic_cell	<i>LINC00662</i>	0.003590942	0.039028558	0.550081745	1
Heart_Failure	dendritic_cell	<i>LINC00937</i>	-0.004512501	0.026397601	0.489980374	1
Heart_Failure	dendritic_cell	<i>LINC00969</i>	0.002564292	0.002933246	0.445895105	1
Heart_Failure	dendritic_cell	<i>LITAF</i>	-0.000951784	0.006107991	0.445895105	1
Heart_Failure	dendritic_cell	<i>LONP2</i>	0.003265102	0.001702398	0.445895105	1
Heart_Failure	dendritic_cell	<i>LRMP</i>	-0.001284373	0.01853826	0.460418574	1
Heart_Failure	dendritic_cell	<i>LRP11</i>	0.00326187	0.020305433	0.464315134	1
Heart_Failure	dendritic_cell	<i>LRRC27</i>	0.004874682	0.041817875	0.557978394	1
Heart_Failure	dendritic_cell	<i>LRRC34</i>	0.005603084	0.042689128	0.55834537	1
Heart_Failure	dendritic_cell	<i>LRRK2</i>	-0.000716064	0.006711599	0.445895105	1
Heart_Failure	dendritic_cell	<i>LURAPIL</i>	0.003312415	0.00471003	0.445895105	1
Heart_Failure	dendritic_cell	<i>LYNX1</i>	0.0113467	0.020279782	0.464315134	1
Heart_Failure	dendritic_cell	<i>LYZ</i>	-0.001012596	0.037473407	0.538257568	1
Heart_Failure	dendritic_cell	<i>MANEA</i>	0.005369764	0.048969866	0.561696582	1
Heart_Failure	dendritic_cell	<i>MAP1B</i>	0.001466228	0.035501749	0.533061439	1
Heart_Failure	dendritic_cell	<i>MAP3K5</i>	-0.001193061	0.010798063	0.445983685	1
Heart_Failure	dendritic_cell	<i>MAP9</i>	0.008293018	0.022658029	0.47616335	1
Heart_Failure	dendritic_cell	<i>MAPK11</i>	-0.00932142	0.042536808	0.55834537	1
Heart_Failure	dendritic_cell	<i>MAST2</i>	0.002594671	0.023145205	0.47616335	1

Heart_Failure	dendritic_cell	<i>MCC</i>	0.002120291	0.016951206	0.452423122	1
Heart_Failure	dendritic_cell	<i>MCCC1</i>	0.001918952	0.046855899	0.561143991	1
Heart_Failure	dendritic_cell	<i>ME3</i>	0.004942507	0.001262508	0.445895105	1
Heart_Failure	dendritic_cell	<i>MED21</i>	0.003425869	0.001694967	0.445895105	1
Heart_Failure	dendritic_cell	<i>MEGF9</i>	-0.000910332	0.024660437	0.483787596	1
Heart_Failure	dendritic_cell	<i>METTL15</i>	0.00206719	0.032168125	0.513074403	1
Heart_Failure	dendritic_cell	<i>MIPOL1</i>	0.002169928	0.014357115	0.445983685	1
Heart_Failure	dendritic_cell	<i>MMAB</i>	0.005858478	0.017629947	0.453435866	1
Heart_Failure	dendritic_cell	<i>MMP25</i>	-0.002521951	0.015892851	0.452423122	1
Heart_Failure	dendritic_cell	<i>MOB3A</i>	-0.002089735	0.014985785	0.445983685	1
Heart_Failure	dendritic_cell	<i>MTMR3</i>	-0.001473256	0.030397536	0.511706122	1
Heart_Failure	dendritic_cell	<i>MUC4</i>	0.010311386	0.011748507	0.445983685	1
Heart_Failure	dendritic_cell	<i>MX2</i>	-0.001474958	0.005845489	0.445895105	1
Heart_Failure	dendritic_cell	<i>MXRA7</i>	0.0067534	0.005280693	0.445895105	1
Heart_Failure	dendritic_cell	<i>MYO1F</i>	-0.000699312	0.001158711	0.445895105	1
Heart_Failure	dendritic_cell	<i>MYO9A</i>	0.001035338	0.033984857	0.527926502	1
Heart_Failure	dendritic_cell	<i>NAALAD2</i>	0.004167535	0.007126638	0.445895105	1
Heart_Failure	dendritic_cell	<i>NBEAL1</i>	0.001007216	0.012457513	0.445983685	1
Heart_Failure	dendritic_cell	<i>NBN</i>	-0.00254638	0.021666614	0.472553598	1
Heart_Failure	dendritic_cell	<i>NCKAP1</i>	0.001499705	0.010139593	0.445983685	1
Heart_Failure	dendritic_cell	<i>NEAT1</i>	-0.000313272	0.048940913	0.561696582	1
Heart_Failure	dendritic_cell	<i>NEK11</i>	0.002913905	0.014966071	0.445983685	1
Heart_Failure	dendritic_cell	<i>NF1A</i>	0.000958696	0.00218621	0.445895105	1
Heart_Failure	dendritic_cell	<i>NFIX</i>	0.003156879	0.008804146	0.445983685	1
Heart_Failure	dendritic_cell	<i>NINL</i>	0.004480225	0.007241221	0.445983685	1
Heart_Failure	dendritic_cell	<i>NIPAL2</i>	0.002274723	0.04828777	0.561696582	1
Heart_Failure	dendritic_cell	<i>NPHP3</i>	0.003035232	0.023585066	0.47616335	1
Heart_Failure	dendritic_cell	<i>NR2F6</i>	0.011453592	0.009437149	0.445983685	1
Heart_Failure	dendritic_cell	<i>NT5C2</i>	-0.001051244	0.049152008	0.562642062	1
Heart_Failure	dendritic_cell	<i>NT5E</i>	0.003768983	0.011180659	0.445983685	1
Heart_Failure	dendritic_cell	<i>NTNG2</i>	-0.007537014	0.021213719	0.470472651	1
Heart_Failure	dendritic_cell	<i>NUAK2</i>	-0.005448299	0.047375879	0.561696582	1
Heart_Failure	dendritic_cell	<i>NUDT12</i>	0.005079348	0.014713815	0.445983685	1
Heart_Failure	dendritic_cell	<i>NUP50</i>	-0.003543905	0.039606753	0.552503249	1
Heart_Failure	dendritic_cell	<i>NUPL2</i>	0.002961618	0.028511312	0.496739957	1
Heart_Failure	dendritic_cell	<i>NUTM2B</i>	0.002769777	0.021769404	0.473068943	1
Heart_Failure	dendritic_cell	<i>OGFRL1</i>	-0.002908481	0.002996312	0.445895105	1
Heart_Failure	dendritic_cell	<i>ORAI2</i>	-0.002974564	0.044099691	0.559049222	1
Heart_Failure	dendritic_cell	<i>OSCAR</i>	-0.003935753	0.018879599	0.460418574	1
Heart_Failure	dendritic_cell	<i>OSER1-AS1</i>	0.01450333	0.019905028	0.461828136	1
Heart_Failure	dendritic_cell	<i>PADI2</i>	-0.003893666	0.036216145	0.535871666	1
Heart_Failure	dendritic_cell	<i>PADI4</i>	-0.002697923	0.004744614	0.445895105	1
Heart_Failure	dendritic_cell	<i>PARD3</i>	0.000779714	0.006579205	0.445895105	1
Heart_Failure	dendritic_cell	<i>PARP8</i>	-0.000972712	0.001851482	0.445895105	1
Heart_Failure	dendritic_cell	<i>PBX1</i>	0.000920731	0.005234307	0.445895105	1
Heart_Failure	dendritic_cell	<i>PCDH9</i>	0.00116253	0.031944129	0.513074403	1
Heart_Failure	dendritic_cell	<i>PDE8A</i>	0.001403785	0.035291628	0.531899759	1
Heart_Failure	dendritic_cell	<i>PDE8B</i>	0.00579533	0.000373119	0.445895105	1
Heart_Failure	dendritic_cell	<i>PEAK1</i>	0.001019532	0.021581537	0.472422221	1
Heart_Failure	dendritic_cell	<i>PEX14</i>	0.002412777	0.003155477	0.445895105	1
Heart_Failure	dendritic_cell	<i>PFDNI</i>	0.002214255	0.02728942	0.496404409	1
Heart_Failure	dendritic_cell	<i>PHLDB1</i>	0.001582254	0.021410222	0.470472651	1

Heart_Failure	dendritic_cell	<i>PIAS1</i>	-0.001000564	0.012677911	0.445983685	1
Heart_Failure	dendritic_cell	<i>PICALM</i>	-0.000785381	0.010549173	0.445983685	1
Heart_Failure	dendritic_cell	<i>PIGP</i>	0.005141174	0.030225105	0.511686196	1
Heart_Failure	dendritic_cell	<i>PILRA</i>	-0.001272072	0.045879981	0.560307607	1
Heart_Failure	dendritic_cell	<i>PKD1</i>	0.003435187	0.046623702	0.560900855	1
Heart_Failure	dendritic_cell	<i>PLA2R1</i>	0.00334443	0.007991134	0.445983685	1
Heart_Failure	dendritic_cell	<i>PLAC9</i>	0.001193405	0.045713431	0.560307607	1
Heart_Failure	dendritic_cell	<i>PLCB2</i>	-0.003339323	0.026146486	0.488285618	1
Heart_Failure	dendritic_cell	<i>PLD1</i>	0.001738361	0.016122471	0.452423122	1
Heart_Failure	dendritic_cell	<i>PLEKHH2</i>	0.001844516	0.029598632	0.503935677	1
Heart_Failure	dendritic_cell	<i>PLSCR4</i>	0.001318414	0.009003828	0.445983685	1
Heart_Failure	dendritic_cell	<i>POGZ</i>	0.002456455	0.004024555	0.445895105	1
Heart_Failure	dendritic_cell	<i>PPCDC</i>	-0.00102383	0.03285145	0.515276284	1
Heart_Failure	dendritic_cell	<i>PPP1R9A</i>	0.001657644	0.010513376	0.445983685	1
Heart_Failure	dendritic_cell	<i>PPP2R1B</i>	0.001822123	0.019254357	0.460418574	1
Heart_Failure	dendritic_cell	<i>PPP5C</i>	-0.003314281	0.043078935	0.55834537	1
Heart_Failure	dendritic_cell	<i>PPT1</i>	-0.004398927	0.012587565	0.445983685	1
Heart_Failure	dendritic_cell	<i>PRDM5</i>	0.003280291	0.021413749	0.470472651	1
Heart_Failure	dendritic_cell	<i>PRICKLE1</i>	0.001801932	0.013810363	0.445983685	1
Heart_Failure	dendritic_cell	<i>PRKD3</i>	0.001945431	0.016831915	0.452423122	1
Heart_Failure	dendritic_cell	<i>PRPF38A</i>	0.004950763	0.008139598	0.445983685	1
Heart_Failure	dendritic_cell	<i>PRSS23</i>	0.00129727	0.002319108	0.445895105	1
Heart_Failure	dendritic_cell	<i>PSD4</i>	-0.00297262	0.04566651	0.560307607	1
Heart_Failure	dendritic_cell	<i>PSMB9</i>	-0.001697223	0.046317262	0.560307607	1
Heart_Failure	dendritic_cell	<i>PSTPIP1</i>	-0.003951073	0.003295185	0.445895105	1
Heart_Failure	dendritic_cell	<i>PTAFR</i>	-0.004663305	0.008308736	0.445983685	1
Heart_Failure	dendritic_cell	<i>PTBP2</i>	0.00108633	0.035075552	0.531286817	1
Heart_Failure	dendritic_cell	<i>PTGR1</i>	0.004134562	0.004881923	0.445895105	1
Heart_Failure	dendritic_cell	<i>PTK2</i>	0.000922825	0.00845051	0.445983685	1
Heart_Failure	dendritic_cell	<i>PTPN14</i>	0.001323172	0.020418186	0.464315134	1
Heart_Failure	dendritic_cell	<i>PTPRJ</i>	-0.000829889	0.003227237	0.445895105	1
Heart_Failure	dendritic_cell	<i>PTPRS</i>	0.001395659	0.023367002	0.47616335	1
Heart_Failure	dendritic_cell	<i>PYROXD2</i>	0.00330433	0.043755876	0.559049222	1
Heart_Failure	dendritic_cell	<i>RAB13</i>	0.004413862	0.046998053	0.561350203	1
Heart_Failure	dendritic_cell	<i>RADIL</i>	0.002669134	0.012595468	0.445983685	1
Heart_Failure	dendritic_cell	<i>RAMP2-AS1</i>	0.005271514	0.021240894	0.470472651	1
Heart_Failure	dendritic_cell	<i>RAPGEF4</i>	0.001780156	0.01401231	0.445983685	1
Heart_Failure	dendritic_cell	<i>RBM28</i>	0.003411634	0.016096359	0.452423122	1
Heart_Failure	dendritic_cell	<i>RBMS2</i>	0.00307417	0.009338394	0.445983685	1
Heart_Failure	dendritic_cell	<i>RELL1</i>	-0.00239993	0.007670251	0.445983685	1
Heart_Failure	dendritic_cell	<i>RFWD2</i>	-0.000808534	0.010311401	0.445983685	1
Heart_Failure	dendritic_cell	<i>RGS11</i>	0.00427309	0.028000548	0.496404409	1
Heart_Failure	dendritic_cell	<i>RGS18</i>	-0.003185109	0.002315344	0.445895105	1
Heart_Failure	dendritic_cell	<i>RGS19</i>	-0.004532726	0.017185046	0.452423122	1
Heart_Failure	dendritic_cell	<i>RGS2</i>	-0.002143817	0.002513258	0.445895105	1
Heart_Failure	dendritic_cell	<i>RHOBTB3</i>	0.001142472	0.016323136	0.452423122	1
Heart_Failure	dendritic_cell	<i>RHPN2</i>	0.009782481	0.02425266	0.481507955	1
Heart_Failure	dendritic_cell	<i>RING1</i>	0.006161325	0.031245381	0.512254314	1
Heart_Failure	dendritic_cell	<i>RNASE1</i>	-0.002021646	0.000654	0.445895105	1
Heart_Failure	dendritic_cell	<i>RNF130</i>	-0.000836575	0.034518152	0.531286817	1
Heart_Failure	dendritic_cell	<i>RNF149</i>	-0.000754781	0.00260987	0.445895105	1
Heart_Failure	dendritic_cell	<i>RNF24</i>	-0.000584425	0.013086347	0.445983685	1

Heart_Failure	dendritic_cell	<i>RPGRIP1</i>	-0.008898829	0.018397362	0.460418574	1
Heart_Failure	dendritic_cell	<i>RPL7L1</i>	0.006460651	0.01938094	0.460418574	1
Heart_Failure	dendritic_cell	<i>RPS11</i>	-0.00142816	0.046215078	0.560307607	1
Heart_Failure	dendritic_cell	<i>RPS13</i>	-0.004703792	0.013599675	0.445983685	1
Heart_Failure	dendritic_cell	<i>RPS9</i>	-0.001962438	0.043864888	0.559049222	1
Heart_Failure	dendritic_cell	<i>RRP12</i>	-0.004759396	0.002146029	0.445895105	1
Heart_Failure	dendritic_cell	<i>RUFY2</i>	0.00264618	0.013354432	0.445983685	1
Heart_Failure	dendritic_cell	<i>RUFY3</i>	0.001525544	0.04400753	0.559049222	1
Heart_Failure	dendritic_cell	<i>SI00A8</i>	-0.002687979	0.009892756	0.445983685	1
Heart_Failure	dendritic_cell	<i>SI00A9</i>	-0.001648643	0.012626168	0.445983685	1
Heart_Failure	dendritic_cell	<i>SI00B</i>	0.004385865	0.018328078	0.460418574	1
Heart_Failure	dendritic_cell	<i>SAMD9</i>	-0.003391901	0.012721178	0.445983685	1
Heart_Failure	dendritic_cell	<i>SAYS1</i>	-0.006078279	0.03114408	0.512254314	1
Heart_Failure	dendritic_cell	<i>SCAMP5</i>	0.007501214	0.044114023	0.559049222	1
Heart_Failure	dendritic_cell	<i>SCAPER</i>	0.001208828	0.040585865	0.55400184	1
Heart_Failure	dendritic_cell	<i>SDK1</i>	0.000920442	0.015352213	0.449729545	1
Heart_Failure	dendritic_cell	<i>SEC62</i>	0.001799815	0.02305976	0.47616335	1
Heart_Failure	dendritic_cell	<i>SEMA4D</i>	-0.00154538	0.002013084	0.445895105	1
Heart_Failure	dendritic_cell	<i>Sep-10</i>	0.003207474	0.015000455	0.445983685	1
Heart_Failure	dendritic_cell	<i>SGCE</i>	0.003706491	0.006699535	0.445895105	1
Heart_Failure	dendritic_cell	<i>SGIP1</i>	0.001921783	0.019938363	0.461828136	1
Heart_Failure	dendritic_cell	<i>SH3BGR</i>	0.009723295	0.044982482	0.560307607	1
Heart_Failure	dendritic_cell	<i>SH3D19</i>	0.001313313	0.000189751	0.445895105	1
Heart_Failure	dendritic_cell	<i>SHC2</i>	0.006605297	0.022054412	0.475802053	1
Heart_Failure	dendritic_cell	<i>SIL1</i>	0.001694176	0.044181143	0.559049222	1
Heart_Failure	dendritic_cell	<i>SIRPB2</i>	-0.00322484	0.011465919	0.445983685	1
Heart_Failure	dendritic_cell	<i>SKIV2L</i>	-0.006981878	0.016829102	0.452423122	1
Heart_Failure	dendritic_cell	<i>SLC16A4</i>	0.003330149	0.006785672	0.445895105	1
Heart_Failure	dendritic_cell	<i>SLC25A37</i>	-0.000862588	0.031164849	0.512254314	1
Heart_Failure	dendritic_cell	<i>SLCO3A1</i>	-0.000794877	0.004865835	0.445895105	1
Heart_Failure	dendritic_cell	<i>SMCHD1</i>	-0.000560985	0.005253311	0.445895105	1
Heart_Failure	dendritic_cell	<i>SNTB2</i>	0.002021451	0.015190131	0.447173501	1
Heart_Failure	dendritic_cell	<i>SNX10</i>	-0.002288797	0.008544814	0.445983685	1
Heart_Failure	dendritic_cell	<i>SPATA22</i>	0.003150739	0.007440091	0.445983685	1
Heart_Failure	dendritic_cell	<i>SPATA5L1</i>	0.007472971	0.030319245	0.511706122	1
Heart_Failure	dendritic_cell	<i>SPTBN1</i>	0.000893447	0.002503353	0.445895105	1
Heart_Failure	dendritic_cell	<i>SRGAP1</i>	0.001862764	0.007520819	0.445983685	1
Heart_Failure	dendritic_cell	<i>SRI</i>	0.003687703	0.048227725	0.561696582	1
Heart_Failure	dendritic_cell	<i>SRPK2</i>	-0.000692735	0.005653253	0.445895105	1
Heart_Failure	dendritic_cell	<i>SRSF10</i>	0.001335016	0.025612427	0.486059242	1
Heart_Failure	dendritic_cell	<i>STARD9</i>	0.001405216	0.011278567	0.445983685	1
Heart_Failure	dendritic_cell	<i>STK17B</i>	-0.000982671	0.016341869	0.452423122	1
Heart_Failure	dendritic_cell	<i>STON2</i>	0.001100906	0.016929535	0.452423122	1
Heart_Failure	dendritic_cell	<i>STOX1</i>	0.003771512	0.041456124	0.55695197	1
Heart_Failure	dendritic_cell	<i>STRN3</i>	0.002178684	0.018943207	0.460418574	1
Heart_Failure	dendritic_cell	<i>SULF1</i>	0.001427216	0.048931718	0.561696582	1
Heart_Failure	dendritic_cell	<i>SULT1B1</i>	-0.007283101	0.015840652	0.452423122	1
Heart_Failure	dendritic_cell	<i>SUN1</i>	0.001955795	0.007977637	0.445983685	1
Heart_Failure	dendritic_cell	<i>SVEP1</i>	0.001382412	0.021022817	0.470472651	1
Heart_Failure	dendritic_cell	<i>SYDE1</i>	0.012531252	0.015443648	0.450201165	1
Heart_Failure	dendritic_cell	<i>SYK</i>	-0.000843614	0.00486232	0.445895105	1
Heart_Failure	dendritic_cell	<i>SYTI</i>	0.001772863	0.040928561	0.554623769	1

Heart_Failure	dendritic_cell	<i>TACC3</i>	-0.005003486	0.033083498	0.517557544	1
Heart_Failure	dendritic_cell	<i>TBC1D22A</i>	-0.001037131	0.019802311	0.461828136	1
Heart_Failure	dendritic_cell	<i>TBCD</i>	-0.002036178	0.035799077	0.53483821	1
Heart_Failure	dendritic_cell	<i>TCF21</i>	0.028539324	0.032640945	0.513321802	1
Heart_Failure	dendritic_cell	<i>TDRD9</i>	-0.00918141	0.036413202	0.535871666	1
Heart_Failure	dendritic_cell	<i>TFEB</i>	-0.002908945	0.015573071	0.451770261	1
Heart_Failure	dendritic_cell	<i>TGIF2</i>	-0.01065558	0.049547809	0.563643164	1
Heart_Failure	dendritic_cell	<i>THAP5</i>	0.005955889	0.041276953	0.556819577	1
Heart_Failure	dendritic_cell	<i>THEMIS2</i>	-0.00303958	0.030777675	0.512254314	1
Heart_Failure	dendritic_cell	<i>TIGD1</i>	-0.005099451	0.043030738	0.55834537	1
Heart_Failure	dendritic_cell	<i>TIGD7</i>	0.006760803	0.002880196	0.445895105	1
Heart_Failure	dendritic_cell	<i>TK2</i>	0.005376015	0.003658509	0.445895105	1
Heart_Failure	dendritic_cell	<i>TLN2</i>	0.000970884	0.045037158	0.560307607	1
Heart_Failure	dendritic_cell	<i>TM9SF3</i>	0.00220314	0.031384434	0.512254314	1
Heart_Failure	dendritic_cell	<i>TMCC3</i>	-0.002548509	0.0136812	0.445983685	1
Heart_Failure	dendritic_cell	<i>TMCO1</i>	0.002874754	0.022643769	0.47616335	1
Heart_Failure	dendritic_cell	<i>TMEM127</i>	-0.005851578	0.010148253	0.445983685	1
Heart_Failure	dendritic_cell	<i>TMEM206</i>	0.003520668	0.034316966	0.531286817	1
Heart_Failure	dendritic_cell	<i>TMEM241</i>	0.00306115	0.000769048	0.445895105	1
Heart_Failure	dendritic_cell	<i>TMEM45B</i>	-0.012190816	0.027914847	0.496404409	1
Heart_Failure	dendritic_cell	<i>TMEM50B</i>	0.002416939	0.047805465	0.561696582	1
Heart_Failure	dendritic_cell	<i>TNFRSF10C</i>	-0.001909027	0.005606848	0.445895105	1
Heart_Failure	dendritic_cell	<i>TNFRSF10</i>	-0.001798459	0.035116849	0.531286817	1
Heart_Failure	dendritic_cell	<i>TNNT3</i>	0.014308639	0.008973109	0.445983685	1
Heart_Failure	dendritic_cell	<i>TRHDE</i>	0.000912569	0.027374553	0.496404409	1
Heart_Failure	dendritic_cell	<i>TRIM2</i>	0.004086967	0.006985605	0.445895105	1
Heart_Failure	dendritic_cell	<i>TRIP10</i>	0.002222477	0.045982036	0.560307607	1
Heart_Failure	dendritic_cell	<i>TRPM6</i>	-0.005407418	0.037879119	0.540252059	1
Heart_Failure	dendritic_cell	<i>TSEN2</i>	0.00403123	0.011660298	0.445983685	1
Heart_Failure	dendritic_cell	<i>TSHZ2</i>	0.000602416	0.005839763	0.445895105	1
Heart_Failure	dendritic_cell	<i>TTC23</i>	0.003822603	0.028129151	0.496404409	1
Heart_Failure	dendritic_cell	<i>TTC37</i>	0.002419667	0.025712186	0.486253243	1
Heart_Failure	dendritic_cell	<i>TUBB8</i>	-0.015952841	0.001981213	0.445895105	1
Heart_Failure	dendritic_cell	<i>TXNL4B</i>	0.006455256	0.013882605	0.445983685	1
Heart_Failure	dendritic_cell	<i>TYMP</i>	-0.002171037	0.007106913	0.445895105	1
Heart_Failure	dendritic_cell	<i>UACA</i>	0.001240843	0.019531016	0.460418574	1
Heart_Failure	dendritic_cell	<i>UBASH3B</i>	-0.002346804	0.025430666	0.485554871	1
Heart_Failure	dendritic_cell	<i>UBN1</i>	-0.001495798	0.017068534	0.452423122	1
Heart_Failure	dendritic_cell	<i>UBXN2A</i>	0.003078066	0.048416655	0.561696582	1
Heart_Failure	dendritic_cell	<i>UGGT2</i>	0.00168956	0.008396642	0.445983685	1
Heart_Failure	dendritic_cell	<i>UGP2</i>	0.001735573	0.00762662	0.445983685	1
Heart_Failure	dendritic_cell	<i>UPF3A</i>	0.00186088	0.017047651	0.452423122	1
Heart_Failure	dendritic_cell	<i>USP15</i>	-0.000976571	0.002168119	0.445895105	1
Heart_Failure	dendritic_cell	<i>USP40</i>	0.003508189	0.002665594	0.445895105	1
Heart_Failure	dendritic_cell	<i>USP53</i>	0.001419278	0.01375942	0.445983685	1
Heart_Failure	dendritic_cell	<i>UTS2B</i>	0.012417384	0.036965743	0.535871666	1
Heart_Failure	dendritic_cell	<i>VATIL</i>	-0.012663542	0.01399308	0.445983685	1
Heart_Failure	dendritic_cell	<i>VDAC2</i>	0.009118559	0.028677257	0.496739957	1
Heart_Failure	dendritic_cell	<i>VNN2</i>	-0.001454918	0.044802594	0.560307607	1
Heart_Failure	dendritic_cell	<i>VPS28</i>	-0.004494246	0.022530198	0.47616335	1
Heart_Failure	dendritic_cell	<i>VPS36</i>	0.001603239	0.037019429	0.535871666	1
Heart_Failure	dendritic_cell	<i>VPS8</i>	-0.001362661	0.037596311	0.538257568	1

Heart_Failure	dendritic_cell	<i>VSTM5</i>	0.017566545	0.049334746	0.562642062	1
Heart_Failure	dendritic_cell	<i>VWA8</i>	0.001732271	0.041073764	0.555332154	1
Heart_Failure	dendritic_cell	<i>WASF3</i>	0.002414418	0.021063931	0.470472651	1
Heart_Failure	dendritic_cell	<i>WBP4</i>	0.003126742	0.045805808	0.560307607	1
Heart_Failure	dendritic_cell	<i>WDR19</i>	0.004180319	0.003733092	0.445895105	1
Heart_Failure	dendritic_cell	<i>WDR27</i>	0.002590235	0.006995017	0.445895105	1
Heart_Failure	dendritic_cell	<i>WDR31</i>	0.007903432	0.007162974	0.445895105	1
Heart_Failure	dendritic_cell	<i>WDR37</i>	-0.002273226	0.007437676	0.445983685	1
Heart_Failure	dendritic_cell	<i>WDR41</i>	0.002733867	0.034536672	0.531286817	1
Heart_Failure	dendritic_cell	<i>WDR60</i>	0.002944525	0.002546508	0.445895105	1
Heart_Failure	dendritic_cell	<i>WDR93</i>	0.003463715	0.032372445	0.513321802	1
Heart_Failure	dendritic_cell	<i>WFS1</i>	0.004353093	0.035112454	0.531286817	1
Heart_Failure	dendritic_cell	<i>WHAMM</i>	0.002426735	0.032195934	0.513074403	1
Heart_Failure	dendritic_cell	<i>WIPF1</i>	-0.001207702	0.002437261	0.445895105	1
Heart_Failure	dendritic_cell	<i>WNT5A</i>	0.009380336	0.024751585	0.483787596	1
Heart_Failure	dendritic_cell	<i>WNT9A</i>	0.004532409	0.044945316	0.560307607	1
Heart_Failure	dendritic_cell	<i>WRN</i>	0.003554795	0.022237109	0.47616335	1
Heart_Failure	dendritic_cell	<i>WWOX</i>	0.001012207	0.010569564	0.445983685	1
Heart_Failure	dendritic_cell	<i>WWTR1</i>	0.001290748	0.028487992	0.496739957	1
Heart_Failure	dendritic_cell	<i>XPO6</i>	-0.001033537	0.00470394	0.445895105	1
Heart_Failure	dendritic_cell	<i>XXYLTI</i>	0.004736599	0.024586425	0.483787596	1
Heart_Failure	dendritic_cell	<i>YPEL3</i>	-0.002451157	0.028159487	0.496404409	1
Heart_Failure	dendritic_cell	<i>YPEL4</i>	0.021634293	0.024022208	0.48093082	1
Heart_Failure	dendritic_cell	<i>ZBTB47</i>	0.00819809	0.028800511	0.49681337	1
Heart_Failure	dendritic_cell	<i>ZC2HC1A</i>	0.002106492	0.030916787	0.512254314	1
Heart_Failure	dendritic_cell	<i>ZDHHC21</i>	0.00237616	0.003529947	0.445895105	1
Heart_Failure	dendritic_cell	<i>ZFHX4</i>	0.002031639	0.011093259	0.445983685	1
Heart_Failure	dendritic_cell	<i>ZFP28</i>	0.004586095	0.035776761	0.53483821	1
Heart_Failure	dendritic_cell	<i>ZFPM2</i>	0.000760068	0.003994074	0.445895105	1
Heart_Failure	dendritic_cell	<i>ZNF117</i>	0.003053184	0.014769645	0.445983685	1
Heart_Failure	dendritic_cell	<i>ZNF202</i>	0.004268567	0.04803184	0.561696582	1
Heart_Failure	dendritic_cell	<i>ZNF283</i>	0.005816185	0.037123639	0.535871666	1
Heart_Failure	dendritic_cell	<i>ZNF302</i>	0.001917377	0.048640211	0.561696582	1
Heart_Failure	dendritic_cell	<i>ZNF33A</i>	-0.002798077	0.011075468	0.445983685	1
Heart_Failure	dendritic_cell	<i>ZNF343</i>	0.007568513	0.044734461	0.560307607	1
Heart_Failure	dendritic_cell	<i>ZNF404</i>	0.009080397	0.040242854	0.55400184	1
Heart_Failure	dendritic_cell	<i>ZNF471</i>	0.005266679	0.039587943	0.552503249	1
Heart_Failure	dendritic_cell	<i>ZNF483</i>	0.006749308	0.003397794	0.445895105	1
Heart_Failure	dendritic_cell	<i>ZNF566</i>	0.002816518	0.019171166	0.460418574	1
Heart_Failure	dendritic_cell	<i>ZNF608</i>	0.003066129	0.000334267	0.445895105	1
Heart_Failure	dendritic_cell	<i>ZNF619</i>	0.007530945	0.018182303	0.460418574	1
Heart_Failure	dendritic_cell	<i>ZNF682</i>	0.007205145	0.019040258	0.460418574	1
Heart_Failure	dendritic_cell	<i>ZNF706</i>	0.004272002	0.025431505	0.485554871	1
Heart_Failure	dendritic_cell	<i>ZNF721</i>	0.001600342	0.018838184	0.460418574	1
Heart_Failure	dendritic_cell	<i>ZNF781</i>	0.01043712	0.048225355	0.561696582	1
Heart_Failure	dendritic_cell	<i>ZNF90</i>	0.005323684	0.006734486	0.445895105	1
Heart_Failure	dendritic_cell	<i>ZSCAN29</i>	0.007779402	0.027548195	0.496404409	1
Heart_Failure	dendritic_cell	<i>ZSWIM5</i>	0.003917603	0.025373847	0.485554871	1
Heart_Failure	endothelial	<i>ABCA7</i>	-0.003450665	0.0144637	0.447520355	1
Heart_Failure	endothelial	<i>ABCA8</i>	0.000760931	0.049643928	0.582431375	1
Heart_Failure	endothelial	<i>ABCG5</i>	0.013917067	0.011903535	0.43112439	1
Heart_Failure	endothelial	<i>ABHD3</i>	-0.001888238	0.024748204	0.513431735	1

Heart_Failure	endothelial	<i>ABLIM2</i>	0.006144535	0.001730611	0.384963484	1
Heart_Failure	endothelial	<i>ABTB1</i>	-0.003051442	0.013391126	0.444764073	1
Heart_Failure	endothelial	<i>ABTB2</i>	0.003956056	0.042431872	0.570979537	1
Heart_Failure	endothelial	<i>AC107021.1</i>	0.002753617	0.026645889	0.513431735	1
Heart_Failure	endothelial	<i>ACSS3</i>	0.0016216	0.047975684	0.581547034	1
Heart_Failure	endothelial	<i>ACTR3</i>	-0.001387419	0.027807835	0.518756295	1
Heart_Failure	endothelial	<i>ACTR8</i>	-0.00727061	0.006849773	0.404485887	1
Heart_Failure	endothelial	<i>ACVR1C</i>	0.001486023	0.033523663	0.559346469	1
Heart_Failure	endothelial	<i>ADAM33</i>	0.003722198	0.002810464	0.384963484	1
Heart_Failure	endothelial	<i>ADAMTS12</i>	0.000951617	0.026241675	0.513431735	1
Heart_Failure	endothelial	<i>ADAT1</i>	-0.003908778	0.02141111	0.498733908	1
Heart_Failure	endothelial	<i>AFF4</i>	0.001888481	0.033095826	0.555563646	1
Heart_Failure	endothelial	<i>AGTPBP1</i>	-0.001934694	0.001588958	0.384963484	1
Heart_Failure	endothelial	<i>AHSA2</i>	0.002436314	0.00605853	0.404485887	1
Heart_Failure	endothelial	<i>AIG1</i>	0.004023078	0.004446719	0.396317914	1
Heart_Failure	endothelial	<i>ALDH7A1</i>	0.0044234	0.010985991	0.418434136	1
Heart_Failure	endothelial	<i>ALPK1</i>	-0.001499734	0.012373115	0.434951396	1
Heart_Failure	endothelial	<i>ANKDD1B</i>	0.003825199	0.04963607	0.582431375	1
Heart_Failure	endothelial	<i>ANKRA2</i>	0.00295722	0.041129486	0.570979537	1
Heart_Failure	endothelial	<i>ANKRD26</i>	0.00434965	0.001638906	0.384963484	1
Heart_Failure	endothelial	<i>ANKRD44</i>	-0.000630923	0.002952376	0.384963484	1
Heart_Failure	endothelial	<i>AOAH</i>	-0.000448782	0.03236353	0.55377339	1
Heart_Failure	endothelial	<i>AP006621.1</i>	0.008230527	0.01429201	0.447520355	1
Heart_Failure	endothelial	<i>APBB1IP</i>	-0.000651976	0.007954698	0.404485887	1
Heart_Failure	endothelial	<i>ARHGAP44</i>	0.002176588	0.039171993	0.570979537	1
Heart_Failure	endothelial	<i>ARHGAP9</i>	-0.004603572	0.000304352	0.384963484	1
Heart_Failure	endothelial	<i>ARHGDIB</i>	-0.002428382	0.001645192	0.384963484	1
Heart_Failure	endothelial	<i>ARHGEF10</i>	0.00622768	0.002874374	0.384963484	1
Heart_Failure	endothelial	<i>ARMC9</i>	0.006484965	0.004686622	0.396317914	1
Heart_Failure	endothelial	<i>ARRDC1</i>	-0.007139467	0.013182484	0.442575983	1
Heart_Failure	endothelial	<i>ASB4</i>	0.021526017	0.044544893	0.570979537	1
Heart_Failure	endothelial	<i>ATG7</i>	-0.000724523	0.046782611	0.581232606	1
Heart_Failure	endothelial	<i>ATP5O</i>	0.006054794	0.047971169	0.581547034	1
Heart_Failure	endothelial	<i>ATP6AP1L</i>	0.005119053	0.012129814	0.434118895	1
Heart_Failure	endothelial	<i>AUTS2</i>	0.000921001	0.000414558	0.384963484	1
Heart_Failure	endothelial	<i>AVEN</i>	0.003877259	0.01283663	0.438746549	1
Heart_Failure	endothelial	<i>B3GNTL1</i>	-0.005641207	0.002172959	0.384963484	1
Heart_Failure	endothelial	<i>BASP1</i>	-0.001110855	0.020499988	0.498733908	1
Heart_Failure	endothelial	<i>BBS9</i>	0.001476606	0.020541567	0.498733908	1
Heart_Failure	endothelial	<i>BCAP29</i>	0.003535934	0.039230054	0.570979537	1
Heart_Failure	endothelial	<i>BCO2</i>	0.006505884	0.03985888	0.570979537	1
Heart_Failure	endothelial	<i>BMP1</i>	0.004183865	0.026702498	0.513431735	1
Heart_Failure	endothelial	<i>BOC</i>	0.00201904	0.033329277	0.557915287	1
Heart_Failure	endothelial	<i>BPHL</i>	0.005097108	0.017063931	0.483050636	1
Heart_Failure	endothelial	<i>BTBD11</i>	-0.002993522	0.035412776	0.565724139	1
Heart_Failure	endothelial	<i>BTN3A2</i>	-0.002867549	0.021138266	0.498733908	1
Heart_Failure	endothelial	<i>BTNL8</i>	-0.00363417	0.01016874	0.416679803	1
Heart_Failure	endothelial	<i>C15orf61</i>	-0.009740369	0.002884336	0.384963484	1
Heart_Failure	endothelial	<i>C17orf107</i>	0.04294079	0.012627655	0.436201522	1
Heart_Failure	endothelial	<i>C19orf44</i>	0.005880691	0.044172777	0.570979537	1
Heart_Failure	endothelial	<i>C1orf123</i>	0.004233351	0.04517148	0.573131132	1
Heart_Failure	endothelial	<i>C2CD2</i>	0.00225754	0.038488485	0.57047899	1

Heart_Failure	endothelial	<i>C5AR1</i>	-0.001645665	0.001819434	0.384963484	1
Heart_Failure	endothelial	<i>C5orf42</i>	0.001845273	0.031595205	0.547493938	1
Heart_Failure	endothelial	<i>C6</i>	0.002589574	0.032780103	0.55377339	1
Heart_Failure	endothelial	<i>C6orf141</i>	0.002473518	0.031309912	0.547493938	1
Heart_Failure	endothelial	<i>C8orf33</i>	0.00336841	0.038045659	0.57047899	1
Heart_Failure	endothelial	<i>C8orf37</i>	-0.011381426	0.044029508	0.570979537	1
Heart_Failure	endothelial	<i>C9orf72</i>	-0.00178263	0.021529337	0.498733908	1
Heart_Failure	endothelial	<i>CACNA2D1</i>	0.001105524	0.007412244	0.404485887	1
Heart_Failure	endothelial	<i>CAMSAP2</i>	0.001993617	0.023791678	0.507782389	1
Heart_Failure	endothelial	<i>CARD16</i>	-0.007581016	0.026634568	0.513431735	1
Heart_Failure	endothelial	<i>CARS2</i>	0.002589232	0.017584667	0.483050636	1
Heart_Failure	endothelial	<i>CASP8</i>	-0.001655332	0.013872276	0.447520355	1
Heart_Failure	endothelial	<i>CAV1</i>	0.001348931	0.033045913	0.555563646	1
Heart_Failure	endothelial	<i>CBL</i>	-0.002224489	0.004621943	0.396317914	1
Heart_Failure	endothelial	<i>CBR4</i>	0.001165498	0.008961733	0.404485887	1
Heart_Failure	endothelial	<i>CCBE1</i>	0.005380669	0.036785875	0.570203212	1
Heart_Failure	endothelial	<i>CCDC102B</i>	0.001912455	0.007769993	0.404485887	1
Heart_Failure	endothelial	<i>CCDC171</i>	0.003600024	0.036195423	0.570203212	1
Heart_Failure	endothelial	<i>CCDC36</i>	0.003989961	0.023633594	0.506216339	1
Heart_Failure	endothelial	<i>CCDC40</i>	0.00643655	0.047048943	0.581547034	1
Heart_Failure	endothelial	<i>CCDC8</i>	0.012970918	0.016229416	0.47094271	1
Heart_Failure	endothelial	<i>CCL4</i>	-0.00187458	0.045043813	0.572727286	1
Heart_Failure	endothelial	<i>CD14</i>	-0.003000125	0.002829557	0.384963484	1
Heart_Failure	endothelial	<i>CD4</i>	-0.001651443	0.043615766	0.570979537	1
Heart_Failure	endothelial	<i>CDA</i>	-0.003688609	0.005824533	0.404485887	1
Heart_Failure	endothelial	<i>CDC14A</i>	-0.001014564	0.041606469	0.570979537	1
Heart_Failure	endothelial	<i>CDC25A</i>	-0.020693593	0.029244839	0.533419241	1
Heart_Failure	endothelial	<i>CDC42BPA</i>	0.001089411	0.008541982	0.404485887	1
Heart_Failure	endothelial	<i>CDC42EP5</i>	0.011121458	0.026309341	0.513431735	1
Heart_Failure	endothelial	<i>CDHR3</i>	0.003184619	0.001827763	0.384963484	1
Heart_Failure	endothelial	<i>CDON</i>	0.001509187	0.042830579	0.570979537	1
Heart_Failure	endothelial	<i>CEACAM4</i>	-0.007504795	0.007780987	0.404485887	1
Heart_Failure	endothelial	<i>CENPO</i>	0.007125126	0.009397796	0.406965439	1
Heart_Failure	endothelial	<i>CEP112</i>	0.001254811	0.010403043	0.416679803	1
Heart_Failure	endothelial	<i>CEP41</i>	0.008093638	0.043744901	0.570979537	1
Heart_Failure	endothelial	<i>CEP76</i>	0.004386491	0.040142744	0.570979537	1
Heart_Failure	endothelial	<i>CFH</i>	0.001175376	0.047669942	0.581547034	1
Heart_Failure	endothelial	<i>CHI3L1</i>	-0.00442071	0.010504126	0.416679803	1
Heart_Failure	endothelial	<i>CHRNE</i>	0.03075377	0.011091558	0.418434136	1
Heart_Failure	endothelial	<i>CHST11</i>	-0.000773132	0.000670367	0.384963484	1
Heart_Failure	endothelial	<i>CHST15</i>	-0.000875088	0.049423649	0.582431375	1
Heart_Failure	endothelial	<i>CLEC4E</i>	-0.002390287	0.002995943	0.384963484	1
Heart_Failure	endothelial	<i>CMTM3</i>	-0.004959602	0.027954146	0.518756295	1
Heart_Failure	endothelial	<i>CNBD2</i>	0.005589543	0.025471802	0.513431735	1
Heart_Failure	endothelial	<i>CNGA1</i>	0.003344942	0.030085036	0.539904425	1
Heart_Failure	endothelial	<i>CNOT6L</i>	-0.001272291	0.04162163	0.570979537	1
Heart_Failure	endothelial	<i>COBLL1</i>	0.001407789	0.000980395	0.384963484	1
Heart_Failure	endothelial	<i>COPE</i>	-0.002972484	0.047696808	0.581547034	1
Heart_Failure	endothelial	<i>CPPED1</i>	-0.000809515	0.005950835	0.404485887	1
Heart_Failure	endothelial	<i>CPS1</i>	0.007329922	0.03575674	0.565724139	1
Heart_Failure	endothelial	<i>CSTA</i>	-0.010386688	0.041153883	0.570979537	1
Heart_Failure	endothelial	<i>CTBS</i>	-0.003389831	0.001833587	0.384963484	1

Heart_Failure	endothelial	<i>CTDSPL</i>	0.001754059	0.037059557	0.570203212	1
Heart_Failure	endothelial	<i>CTNNA1</i>	0.002185193	0.00806187	0.404485887	1
Heart_Failure	endothelial	<i>CTNS</i>	0.004240805	0.022408984	0.501558393	1
Heart_Failure	endothelial	<i>CTSS</i>	-0.000984174	0.002602228	0.384963484	1
Heart_Failure	endothelial	<i>CTSZ</i>	-0.00323907	0.018012175	0.483050636	1
Heart_Failure	endothelial	<i>CUX1</i>	-0.001397547	0.007155832	0.404485887	1
Heart_Failure	endothelial	<i>CWF19L1</i>	0.002342159	0.032638594	0.55377339	1
Heart_Failure	endothelial	<i>CYTH1</i>	-0.00085157	0.026961887	0.513431735	1
Heart_Failure	endothelial	<i>DCBLD2</i>	0.002929828	0.006689405	0.404485887	1
Heart_Failure	endothelial	<i>DCK</i>	-0.006077283	0.0434646	0.570979537	1
Heart_Failure	endothelial	<i>DEFB1</i>	0.012358093	0.034981557	0.565724139	1
Heart_Failure	endothelial	<i>DENND5A</i>	-0.001271879	0.027950494	0.518756295	1
Heart_Failure	endothelial	<i>DGCR2</i>	-0.002594582	0.041158928	0.570979537	1
Heart_Failure	endothelial	<i>DHX34</i>	-0.002611514	0.004612934	0.396317914	1
Heart_Failure	endothelial	<i>DIRC3</i>	0.001024986	0.036961301	0.570203212	1
Heart_Failure	endothelial	<i>DLG5</i>	0.003318569	0.016783283	0.477604271	1
Heart_Failure	endothelial	<i>DMTN</i>	0.007935052	0.007154838	0.404485887	1
Heart_Failure	endothelial	<i>DNAJC3-AS1</i>	-0.006363212	0.040963802	0.570979537	1
Heart_Failure	endothelial	<i>DOCK1</i>	0.000903444	0.036298618	0.570203212	1
Heart_Failure	endothelial	<i>DOCK5</i>	-0.000543112	0.008925276	0.404485887	1
Heart_Failure	endothelial	<i>DOCK6</i>	0.003233432	0.007383741	0.404485887	1
Heart_Failure	endothelial	<i>DOCK8</i>	-0.000891082	7.00E-05	0.209291103	0.418582205
Heart_Failure	endothelial	<i>DOK3</i>	-0.00354104	0.025378242	0.513431735	1
Heart_Failure	endothelial	<i>DPYD</i>	-0.000771678	0.013541419	0.444806915	1
Heart_Failure	endothelial	<i>DTWD1</i>	0.002535175	0.035646085	0.565724139	1
Heart_Failure	endothelial	<i>DTX1</i>	0.005087372	0.024418358	0.513284854	1
Heart_Failure	endothelial	<i>DUOXA1</i>	0.019937228	0.033641044	0.559346469	1
Heart_Failure	endothelial	<i>DUSP18</i>	-0.004042703	0.032803845	0.55377339	1
Heart_Failure	endothelial	<i>DYNC2L1</i>	0.002413007	0.041278574	0.570979537	1
Heart_Failure	endothelial	<i>DYSF</i>	-0.001199671	0.013621095	0.444806915	1
Heart_Failure	endothelial	<i>ECHDC2</i>	0.001896973	0.002804971	0.384963484	1
Heart_Failure	endothelial	<i>ECM2</i>	0.002970886	0.000348805	0.384963484	1
Heart_Failure	endothelial	<i>EFCAB2</i>	0.002984132	0.012980844	0.438746549	1
Heart_Failure	endothelial	<i>EFEMP1</i>	0.001457409	0.013396508	0.444764073	1
Heart_Failure	endothelial	<i>EGFR</i>	0.001095526	0.028038535	0.518756295	1
Heart_Failure	endothelial	<i>ELL</i>	-0.00283531	0.004670338	0.396317914	1
Heart_Failure	endothelial	<i>ENOSF1</i>	0.00170965	0.023296589	0.506109361	1
Heart_Failure	endothelial	<i>ENTPD5</i>	0.002500284	0.049030959	0.582431375	1
Heart_Failure	endothelial	<i>EPB41</i>	-0.000928047	0.039203865	0.570979537	1
Heart_Failure	endothelial	<i>EPB41L4A</i>	0.001219852	0.018877999	0.494802285	1
Heart_Failure	endothelial	<i>EPHB1</i>	-0.000727367	0.019600084	0.498733908	1
Heart_Failure	endothelial	<i>EPN2</i>	0.001337771	0.019238765	0.497709351	1
Heart_Failure	endothelial	<i>ERGIC2</i>	-0.003391098	0.021355234	0.498733908	1
Heart_Failure	endothelial	<i>ERI2</i>	0.005221727	0.00383197	0.396317914	1
Heart_Failure	endothelial	<i>ERICH1</i>	0.001631662	0.02014624	0.498733908	1
Heart_Failure	endothelial	<i>ETV6</i>	-0.000882866	0.025950166	0.513431735	1
Heart_Failure	endothelial	<i>EZH1</i>	0.003181768	0.004993769	0.404485887	1
Heart_Failure	endothelial	<i>FAHD1</i>	-0.008942568	0.025849262	0.513431735	1
Heart_Failure	endothelial	<i>FAM114A1</i>	0.002482491	0.03462638	0.565724139	1
Heart_Failure	endothelial	<i>FAM126A</i>	0.001537287	0.034970891	0.565724139	1
Heart_Failure	endothelial	<i>FAM19A2</i>	-0.003060272	0.027780034	0.518756295	1
Heart_Failure	endothelial	<i>FAM26E</i>	-0.009845329	0.044064511	0.570979537	1

Heart_Failure	endothelial	<i>FBLN5</i>	0.001525422	0.041956255	0.570979537	1
Heart_Failure	endothelial	<i>FBXO17</i>	0.003292998	0.048624796	0.582431375	1
Heart_Failure	endothelial	<i>FCAR</i>	-0.00466185	0.003839703	0.396317914	1
Heart_Failure	endothelial	<i>FGFBP3</i>	0.011573042	0.004002836	0.396317914	1
Heart_Failure	endothelial	<i>FHOD3</i>	0.00268984	0.021687891	0.498733908	1
Heart_Failure	endothelial	<i>FILIP1</i>	0.001689121	0.019976514	0.498733908	1
Heart_Failure	endothelial	<i>FLRT2</i>	0.00139898	0.002490125	0.384963484	1
Heart_Failure	endothelial	<i>FLYWCHI</i>	0.00292022	0.044042721	0.570979537	1
Heart_Failure	endothelial	<i>FMO2</i>	0.001963956	0.0441186	0.570979537	1
Heart_Failure	endothelial	<i>FNBP1</i>	-0.000949592	0.020410571	0.498733908	1
Heart_Failure	endothelial	<i>FOXP2</i>	0.001455518	0.005751572	0.404485887	1
Heart_Failure	endothelial	<i>FPR1</i>	-0.002191258	0.00099701	0.384963484	1
Heart_Failure	endothelial	<i>FREMI</i>	0.001179152	0.046666291	0.580995322	1
Heart_Failure	endothelial	<i>GARNL3</i>	0.002943538	0.021010207	0.498733908	1
Heart_Failure	endothelial	<i>GAS2L2</i>	-0.035356592	0.022282117	0.501558393	1
Heart_Failure	endothelial	<i>GBP5</i>	-0.003417577	0.008794268	0.404485887	1
Heart_Failure	endothelial	<i>GCFC2</i>	0.001198395	0.049193333	0.582431375	1
Heart_Failure	endothelial	<i>GDPGP1</i>	0.015206576	0.040015315	0.570979537	1
Heart_Failure	endothelial	<i>GHR</i>	0.000988459	0.014677709	0.447520355	1
Heart_Failure	endothelial	<i>GLI2</i>	0.003627304	0.026395131	0.513431735	1
Heart_Failure	endothelial	<i>GLIPR1</i>	-0.002150457	0.024564837	0.513284854	1
Heart_Failure	endothelial	<i>GLIPR2</i>	-0.00247008	0.027865322	0.518756295	1
Heart_Failure	endothelial	<i>GLOD4</i>	-0.009689451	0.006625522	0.404485887	1
Heart_Failure	endothelial	<i>GLRX</i>	0.001481291	0.047814677	0.581547034	1
Heart_Failure	endothelial	<i>GMPS</i>	0.002023134	0.042977329	0.570979537	1
Heart_Failure	endothelial	<i>GNL3</i>	0.002621217	0.008359477	0.404485887	1
Heart_Failure	endothelial	<i>GOLGA3</i>	0.003443917	0.040176819	0.570979537	1
Heart_Failure	endothelial	<i>GPHN</i>	0.001535845	0.002449366	0.384963484	1
Heart_Failure	endothelial	<i>GPLD1</i>	0.006085161	0.049179907	0.582431375	1
Heart_Failure	endothelial	<i>GPR132</i>	-0.002543373	0.032509548	0.55377339	1
Heart_Failure	endothelial	<i>GPR180</i>	0.005151313	0.009276398	0.406965439	1
Heart_Failure	endothelial	<i>GREB1L</i>	0.002351831	0.008935291	0.404485887	1
Heart_Failure	endothelial	<i>GRID1</i>	0.001840558	0.04329686	0.570979537	1
Heart_Failure	endothelial	<i>GULP1</i>	0.001683883	0.019521991	0.498733908	1
Heart_Failure	endothelial	<i>GYPC</i>	0.002064758	0.037964731	0.57047899	1
Heart_Failure	endothelial	<i>HIFX</i>	0.004417734	0.007781886	0.404485887	1
Heart_Failure	endothelial	<i>H3F3A</i>	-0.003078204	0.03212931	0.55377339	1
Heart_Failure	endothelial	<i>HACE1</i>	0.002892464	0.009397201	0.406965439	1
Heart_Failure	endothelial	<i>HCLS1</i>	-0.001728409	0.002286664	0.384963484	1
Heart_Failure	endothelial	<i>HFMI</i>	0.004582823	0.004362436	0.396317914	1
Heart_Failure	endothelial	<i>HIBADH</i>	0.001910857	0.03374912	0.559346469	1
Heart_Failure	endothelial	<i>HIBCH</i>	0.001621234	0.008374874	0.404485887	1
Heart_Failure	endothelial	<i>HID1</i>	0.00615378	0.015327859	0.459159217	1
Heart_Failure	endothelial	<i>HIST1H3E</i>	0.009671762	0.033789169	0.559346469	1
Heart_Failure	endothelial	<i>HIST1H4E</i>	-0.010435646	0.043771633	0.570979537	1
Heart_Failure	endothelial	<i>HLA-B</i>	-0.000873763	0.002118864	0.384963484	1
Heart_Failure	endothelial	<i>HLA-C</i>	-0.000868679	0.035489689	0.565724139	1
Heart_Failure	endothelial	<i>HLA-DQB2</i>	-0.00629083	0.026277324	0.513431735	1
Heart_Failure	endothelial	<i>HLA-F</i>	-0.002321529	0.017873059	0.483050636	1
Heart_Failure	endothelial	<i>HLTF</i>	0.00297619	0.045804985	0.576243401	1
Heart_Failure	endothelial	<i>HORMAD1</i>	-0.006647327	0.034102707	0.561426387	1
Heart_Failure	endothelial	<i>HOXB3</i>	0.002504403	0.041346965	0.570979537	1

Heart_Failure	endothelial	<i>HOXD3</i>	0.00423951	0.020944346	0.498733908	1
Heart_Failure	endothelial	<i>HSPG2</i>	0.000897037	0.025229915	0.513431735	1
Heart_Failure	endothelial	<i>IFITM1</i>	-0.006648173	0.047788661	0.581547034	1
Heart_Failure	endothelial	<i>IFITM2</i>	-0.002977527	0.044307775	0.570979537	1
Heart_Failure	endothelial	<i>IFNAR2</i>	-0.001499848	0.008434558	0.404485887	1
Heart_Failure	endothelial	<i>IFT74</i>	0.002441459	0.034241144	0.562156798	1
Heart_Failure	endothelial	<i>IGDCC4</i>	0.012974766	0.008141546	0.404485887	1
Heart_Failure	endothelial	<i>IGF2R</i>	-0.00082214	0.010997124	0.418434136	1
Heart_Failure	endothelial	<i>IKBIP</i>	-0.001837237	0.022370738	0.501558393	1
Heart_Failure	endothelial	<i>IL17RA</i>	-0.001640417	0.014192498	0.447520355	1
Heart_Failure	endothelial	<i>INPP4A</i>	-0.00105838	0.040822604	0.570979537	1
Heart_Failure	endothelial	<i>INVS</i>	0.001973535	0.009695174	0.413845437	1
Heart_Failure	endothelial	<i>IRAK1BP1</i>	0.00327311	0.023390102	0.506109361	1
Heart_Failure	endothelial	<i>ITGB2</i>	-0.001958857	0.016393909	0.471009604	1
Heart_Failure	endothelial	<i>JAKMIP3</i>	0.02770341	0.006928877	0.404485887	1
Heart_Failure	endothelial	<i>KCNAB2</i>	-0.001673302	0.049550177	0.582431375	1
Heart_Failure	endothelial	<i>KCNIP4</i>	0.002562844	0.020139349	0.498733908	1
Heart_Failure	endothelial	<i>KCNJ15</i>	-0.000817745	0.006754658	0.404485887	1
Heart_Failure	endothelial	<i>KCNS3</i>	0.006805692	0.039611113	0.570979537	1
Heart_Failure	endothelial	<i>KCNT2</i>	0.00325165	0.032313485	0.55377339	1
Heart_Failure	endothelial	<i>KCTD16</i>	0.008793461	0.014220112	0.447520355	1
Heart_Failure	endothelial	<i>KLF14</i>	-0.015485864	0.046434054	0.579310865	1
Heart_Failure	endothelial	<i>KLHL29</i>	0.001644885	0.018785906	0.4945576	1
Heart_Failure	endothelial	<i>KLHL31</i>	0.003027046	0.042325556	0.570979537	1
Heart_Failure	endothelial	<i>LAMA4</i>	0.000823917	0.010056116	0.416679803	1
Heart_Failure	endothelial	<i>LAMB1</i>	0.001959025	0.025390927	0.513431735	1
Heart_Failure	endothelial	<i>LCP2</i>	-0.001338172	0.004058296	0.396317914	1
Heart_Failure	endothelial	<i>LILRA6</i>	-0.005750585	0.023077988	0.506109361	1
Heart_Failure	endothelial	<i>LILRB3</i>	-0.00213721	0.002920944	0.384963484	1
Heart_Failure	endothelial	<i>LIMA1</i>	0.000931523	0.011129092	0.418434136	1
Heart_Failure	endothelial	<i>LIMS1</i>	0.001236306	0.037155407	0.570203212	1
Heart_Failure	endothelial	<i>LINC00865</i>	0.008207488	0.008930683	0.404485887	1
Heart_Failure	endothelial	<i>LINC00937</i>	-0.005051912	0.012995003	0.438746549	1
Heart_Failure	endothelial	<i>LINC00969</i>	0.001810565	0.035512664	0.565724139	1
Heart_Failure	endothelial	<i>LINC01117</i>	0.003671252	0.038329992	0.57047899	1
Heart_Failure	endothelial	<i>LITAF</i>	-0.000875602	0.01171034	0.426713377	1
Heart_Failure	endothelial	<i>LMO3</i>	0.001681161	0.01818861	0.485246137	1
Heart_Failure	endothelial	<i>LRMP</i>	-0.001238544	0.023224889	0.506109361	1
Heart_Failure	endothelial	<i>LRRC25</i>	-0.005753013	0.017283373	0.483050636	1
Heart_Failure	endothelial	<i>LRRC27</i>	0.005235143	0.030320071	0.542493238	1
Heart_Failure	endothelial	<i>LRRC34</i>	0.005940697	0.031489627	0.547493938	1
Heart_Failure	endothelial	<i>LRRK2</i>	-0.000759843	0.004024843	0.396317914	1
Heart_Failure	endothelial	<i>LSAMP</i>	0.003381033	0.017842264	0.483050636	1
Heart_Failure	endothelial	<i>LTBR</i>	0.004131037	0.042695831	0.570979537	1
Heart_Failure	endothelial	<i>LURAP1L</i>	0.003238902	0.005711678	0.404485887	1
Heart_Failure	endothelial	<i>LYZ</i>	-0.000982082	0.0438704	0.570979537	1
Heart_Failure	endothelial	<i>MAP3K5</i>	-0.001409941	0.002590006	0.384963484	1
Heart_Failure	endothelial	<i>MAP3K8</i>	0.001639882	0.012304434	0.434951396	1
Heart_Failure	endothelial	<i>MAP4K5</i>	0.001448484	0.030756881	0.547493938	1
Heart_Failure	endothelial	<i>MASPI</i>	0.009337785	0.04391058	0.570979537	1
Heart_Failure	endothelial	<i>ME3</i>	0.003474905	0.023219965	0.506109361	1
Heart_Failure	endothelial	<i>MEGF9</i>	-0.001011449	0.012543727	0.436201522	1

Heart_Failure	endothelial	<i>METTL15</i>	0.002103746	0.029359782	0.533419241	1
Heart_Failure	endothelial	<i>MICAL2</i>	-0.002174137	0.021698597	0.498733908	1
Heart_Failure	endothelial	<i>MIPOL1</i>	0.002163292	0.014666333	0.447520355	1
Heart_Failure	endothelial	<i>MLF1</i>	0.003696091	0.044337235	0.570979537	1
Heart_Failure	endothelial	<i>MLKL</i>	-0.00237088	0.044659272	0.570979537	1
Heart_Failure	endothelial	<i>MLXIPL</i>	0.0018344	0.009962592	0.416679803	1
Heart_Failure	endothelial	<i>MMP16</i>	0.0023526	0.010367721	0.416679803	1
Heart_Failure	endothelial	<i>MMP25</i>	-0.002322366	0.026492751	0.513431735	1
Heart_Failure	endothelial	<i>MOB1A</i>	-0.002785785	0.003849693	0.396317914	1
Heart_Failure	endothelial	<i>MOB3A</i>	-0.002260704	0.00847243	0.404485887	1
Heart_Failure	endothelial	<i>MPZL3</i>	-0.003008397	0.035783756	0.565724139	1
Heart_Failure	endothelial	<i>MRS2</i>	0.005233608	0.018001769	0.483050636	1
Heart_Failure	endothelial	<i>MTHFD1</i>	0.002938383	0.047410992	0.581547034	1
Heart_Failure	endothelial	<i>MTMR3</i>	-0.001387804	0.041360982	0.570979537	1
Heart_Failure	endothelial	<i>MTUS1</i>	0.001999637	0.008320779	0.404485887	1
Heart_Failure	endothelial	<i>MX2</i>	-0.001513282	0.004708596	0.396317914	1
Heart_Failure	endothelial	<i>MXRA7</i>	0.005085108	0.034884596	0.565724139	1
Heart_Failure	endothelial	<i>MYH7B</i>	0.007707209	0.024200912	0.512853373	1
Heart_Failure	endothelial	<i>MYO1F</i>	-0.000726261	0.000742959	0.384963484	1
Heart_Failure	endothelial	<i>MYO9A</i>	0.000957405	0.049952751	0.582431375	1
Heart_Failure	endothelial	<i>NBEAL1</i>	0.00105429	0.008923481	0.404485887	1
Heart_Failure	endothelial	<i>NDE1</i>	-0.001296551	0.031584701	0.547493938	1
Heart_Failure	endothelial	<i>NFIA</i>	0.001019603	0.001119587	0.384963484	1
Heart_Failure	endothelial	<i>NFIX</i>	0.003255589	0.006882952	0.404485887	1
Heart_Failure	endothelial	<i>NIPSNAP3B</i>	0.005396236	0.028805857	0.529673227	1
Heart_Failure	endothelial	<i>NLRP1</i>	-0.00114631	0.039436141	0.570979537	1
Heart_Failure	endothelial	<i>NOD1</i>	0.001400205	0.021661293	0.498733908	1
Heart_Failure	endothelial	<i>NT5E</i>	0.003338403	0.024538007	0.513284854	1
Heart_Failure	endothelial	<i>NUDT7</i>	0.009830869	0.005918589	0.404485887	1
Heart_Failure	endothelial	<i>NUP50</i>	-0.004067918	0.018025484	0.483050636	1
Heart_Failure	endothelial	<i>NUPL2</i>	0.002812146	0.037465024	0.57047899	1
Heart_Failure	endothelial	<i>OGFRL1</i>	-0.002681777	0.006162578	0.404485887	1
Heart_Failure	endothelial	<i>ORMDL3</i>	0.005822095	0.021093533	0.498733908	1
Heart_Failure	endothelial	<i>OSCAR</i>	-0.004446673	0.008009571	0.404485887	1
Heart_Failure	endothelial	<i>OTUD3</i>	0.005992338	0.045995332	0.576243401	1
Heart_Failure	endothelial	<i>PACSI</i>	-0.000749883	0.043944573	0.570979537	1
Heart_Failure	endothelial	<i>PADI4</i>	-0.002647219	0.005602781	0.404485887	1
Heart_Failure	endothelial	<i>PARP8</i>	-0.001045188	0.000817888	0.384963484	1
Heart_Failure	endothelial	<i>PBX1</i>	0.001014636	0.00209467	0.384963484	1
Heart_Failure	endothelial	<i>PCDH9</i>	0.001180034	0.029545142	0.533419241	1
Heart_Failure	endothelial	<i>PCOLCE2</i>	0.001155202	0.019069423	0.495473364	1
Heart_Failure	endothelial	<i>PDE1C</i>	0.001814764	0.025728763	0.513431735	1
Heart_Failure	endothelial	<i>PDLIM4</i>	0.010094497	0.023118649	0.506109361	1
Heart_Failure	endothelial	<i>PDPN</i>	0.00411341	0.04591393	0.576243401	1
Heart_Failure	endothelial	<i>PDXDC1</i>	0.001972585	0.04481081	0.570979537	1
Heart_Failure	endothelial	<i>PEPD</i>	0.002485481	0.044776329	0.570979537	1
Heart_Failure	endothelial	<i>PGR</i>	0.005100239	0.039775777	0.570979537	1
Heart_Failure	endothelial	<i>PHLDB1</i>	0.001787177	0.009391313	0.406965439	1
Heart_Failure	endothelial	<i>PLAS1</i>	-0.000966236	0.016076995	0.47094271	1
Heart_Failure	endothelial	<i>PILRA</i>	-0.001841851	0.003875918	0.396317914	1
Heart_Failure	endothelial	<i>PIP4K2B</i>	0.007450069	0.017855707	0.483050636	1
Heart_Failure	endothelial	<i>PJA2</i>	0.001881769	0.044384588	0.570979537	1

Heart_Failure	endothelial	<i>PLA2G4C</i>	0.004888637	0.026500396	0.513431735	1
Heart_Failure	endothelial	<i>PLA2R1</i>	0.002864907	0.023067549	0.506109361	1
Heart_Failure	endothelial	<i>PLD1</i>	0.002111399	0.003483189	0.396317914	1
Heart_Failure	endothelial	<i>PLEKHH2</i>	0.001991341	0.018783526	0.4945576	1
Heart_Failure	endothelial	<i>PLSCR4</i>	0.001327716	0.008581627	0.404485887	1
Heart_Failure	endothelial	<i>PNLDC1</i>	-0.032290038	0.027349319	0.518756295	1
Heart_Failure	endothelial	<i>POGZ</i>	0.002273286	0.007907663	0.404485887	1
Heart_Failure	endothelial	<i>POLE</i>	0.003385045	0.038582815	0.57047899	1
Heart_Failure	endothelial	<i>POLK</i>	0.002984403	0.004040019	0.396317914	1
Heart_Failure	endothelial	<i>PPCDC</i>	-0.001239164	0.00983182	0.416679803	1
Heart_Failure	endothelial	<i>PPFIBP1</i>	0.000623507	0.031492627	0.547493938	1
Heart_Failure	endothelial	<i>PPP1R9A</i>	0.001617869	0.0125724	0.436201522	1
Heart_Failure	endothelial	<i>PPP4R1</i>	0.003010035	0.022397965	0.501558393	1
Heart_Failure	endothelial	<i>PPT1</i>	-0.005040151	0.004294584	0.396317914	1
Heart_Failure	endothelial	<i>PRDM5</i>	0.003131615	0.026946163	0.513431735	1
Heart_Failure	endothelial	<i>PRICKLE1</i>	0.001618535	0.026977504	0.513431735	1
Heart_Failure	endothelial	<i>PRIMPOL</i>	0.003006945	0.021468196	0.498733908	1
Heart_Failure	endothelial	<i>PRSS23</i>	0.001431007	0.000772639	0.384963484	1
Heart_Failure	endothelial	<i>PRSS27</i>	0.068220043	0.005846796	0.404485887	1
Heart_Failure	endothelial	<i>PSMB9</i>	-0.002097611	0.014047767	0.447520355	1
Heart_Failure	endothelial	<i>PSTPIP1</i>	-0.004047758	0.002592881	0.384963484	1
Heart_Failure	endothelial	<i>PTAFR</i>	-0.007128716	5.46E-05	0.209291103	0.326437191
Heart_Failure	endothelial	<i>PTBP2</i>	0.001086233	0.035457719	0.565724139	1
Heart_Failure	endothelial	<i>PTGR1</i>	0.003282593	0.025471946	0.513431735	1
Heart_Failure	endothelial	<i>PTK2</i>	0.000829913	0.017884795	0.483050636	1
Heart_Failure	endothelial	<i>PTPN14</i>	0.001248995	0.028621262	0.527903285	1
Heart_Failure	endothelial	<i>PTPRJ</i>	-0.000865805	0.002124235	0.384963484	1
Heart_Failure	endothelial	<i>PTPRS</i>	0.001493233	0.015366774	0.459159217	1
Heart_Failure	endothelial	<i>PWP2</i>	0.024226279	0.038535886	0.57047899	1
Heart_Failure	endothelial	<i>RABL2B</i>	0.004706595	0.01079086	0.418434136	1
Heart_Failure	endothelial	<i>RAF1</i>	-0.002772603	0.003027658	0.384963484	1
Heart_Failure	endothelial	<i>RALB</i>	-0.003618925	0.02011493	0.498733908	1
Heart_Failure	endothelial	<i>RAMP2-AS1</i>	0.005684672	0.012950292	0.438746549	1
Heart_Failure	endothelial	<i>RASAL1</i>	-0.02628043	0.043291341	0.570979537	1
Heart_Failure	endothelial	<i>RASGRP3</i>	0.000984131	0.044779523	0.570979537	1
Heart_Failure	endothelial	<i>RBM28</i>	0.003721361	0.008701079	0.404485887	1
Heart_Failure	endothelial	<i>RBMS2</i>	0.003347857	0.004611047	0.396317914	1
Heart_Failure	endothelial	<i>RCAN3</i>	-0.002102805	0.044020064	0.570979537	1
Heart_Failure	endothelial	<i>RDH5</i>	0.001480579	0.034737739	0.565724139	1
Heart_Failure	endothelial	<i>RELL1</i>	-0.001854601	0.039613691	0.570979537	1
Heart_Failure	endothelial	<i>RFWD2</i>	-0.000678124	0.032482862	0.55377339	1
Heart_Failure	endothelial	<i>RGS10</i>	-0.005279921	0.005383454	0.404485887	1
Heart_Failure	endothelial	<i>RGS18</i>	-0.002804838	0.007364086	0.404485887	1
Heart_Failure	endothelial	<i>RGS19</i>	-0.005061526	0.007776531	0.404485887	1
Heart_Failure	endothelial	<i>RGS2</i>	-0.001947965	0.006076546	0.404485887	1
Heart_Failure	endothelial	<i>RHNO1</i>	0.010924356	0.040597329	0.570979537	1
Heart_Failure	endothelial	<i>RHOBTB3</i>	0.001091899	0.02194431	0.501558393	1
Heart_Failure	endothelial	<i>RHOJ</i>	0.001403034	0.003306027	0.395136321	1
Heart_Failure	endothelial	<i>RICTOR</i>	-0.00077659	0.044017	0.570979537	1
Heart_Failure	endothelial	<i>RILPL2</i>	-0.002406255	0.022089987	0.501558393	1
Heart_Failure	endothelial	<i>RIPK2</i>	-0.003067233	0.031607331	0.547493938	1
Heart_Failure	endothelial	<i>RMDN3</i>	0.003974057	0.042025907	0.570979537	1

Heart_Failure	endothelial	<i>RNASE1</i>	-0.001623628	0.006265098	0.404485887	1
Heart_Failure	endothelial	<i>RNASE6</i>	-0.005783638	0.049033922	0.582431375	1
Heart_Failure	endothelial	<i>RNF123</i>	0.003993989	0.024123085	0.512853373	1
Heart_Failure	endothelial	<i>RNF130</i>	-0.000820444	0.038122937	0.57047899	1
Heart_Failure	endothelial	<i>RNF14</i>	-0.004112637	0.000539523	0.384963484	1
Heart_Failure	endothelial	<i>RNF149</i>	-0.000809358	0.001251969	0.384963484	1
Heart_Failure	endothelial	<i>RNF152</i>	0.001927979	0.035131732	0.565724139	1
Heart_Failure	endothelial	<i>RNF24</i>	-0.000598147	0.011133037	0.418434136	1
Heart_Failure	endothelial	<i>RPS11</i>	-0.001530119	0.032733902	0.55377339	1
Heart_Failure	endothelial	<i>RRP12</i>	-0.003373114	0.029450028	0.533419241	1
Heart_Failure	endothelial	<i>RTN2</i>	-0.008785491	0.037212057	0.570203212	1
Heart_Failure	endothelial	<i>RTN4RL2</i>	0.021855963	0.025920937	0.513431735	1
Heart_Failure	endothelial	<i>RUFY2</i>	0.002581418	0.015834779	0.466150931	1
Heart_Failure	endothelial	<i>RUFY3</i>	0.001740238	0.021621249	0.498733908	1
Heart_Failure	endothelial	<i>RYK</i>	0.002269907	0.041979533	0.570979537	1
Heart_Failure	endothelial	<i>SI00A8</i>	-0.002828491	0.006665003	0.404485887	1
Heart_Failure	endothelial	<i>SI00A9</i>	-0.0017272	0.009002112	0.404485887	1
Heart_Failure	endothelial	<i>SI00B</i>	0.004957184	0.007777542	0.404485887	1
Heart_Failure	endothelial	<i>SAMD9</i>	-0.00348207	0.010528556	0.416679803	1
Heart_Failure	endothelial	<i>SAYS1</i>	-0.005677456	0.044130271	0.570979537	1
Heart_Failure	endothelial	<i>SCMHI</i>	0.001419082	0.031346159	0.547493938	1
Heart_Failure	endothelial	<i>SDK1</i>	0.000918291	0.015606836	0.464012195	1
Heart_Failure	endothelial	<i>SEMA4D</i>	-0.001446207	0.003832367	0.396317914	1
Heart_Failure	endothelial	<i>Sep-10</i>	0.00273528	0.037870149	0.57047899	1
Heart_Failure	endothelial	<i>SERF1A</i>	-0.02148662	0.01358868	0.444806915	1
Heart_Failure	endothelial	<i>SERPINH1</i>	0.002899284	0.002639826	0.384963484	1
Heart_Failure	endothelial	<i>SGCE</i>	0.003307556	0.015712562	0.464842925	1
Heart_Failure	endothelial	<i>SH3D19</i>	0.001115772	0.001524539	0.384963484	1
Heart_Failure	endothelial	<i>SHC2</i>	0.008024548	0.005406894	0.404485887	1
Heart_Failure	endothelial	<i>SIRT3</i>	0.004402554	0.031564578	0.547493938	1
Heart_Failure	endothelial	<i>SLC1A5</i>	0.006734426	0.041659493	0.570979537	1
Heart_Failure	endothelial	<i>SLC22A23</i>	0.001797641	0.010477818	0.416679803	1
Heart_Failure	endothelial	<i>SLC25A18</i>	0.006407208	0.036506108	0.570203212	1
Heart_Failure	endothelial	<i>SLC25A27</i>	0.002395607	0.031505835	0.547493938	1
Heart_Failure	endothelial	<i>SLCO3A1</i>	-0.000847369	0.002681444	0.384963484	1
Heart_Failure	endothelial	<i>SMCHD1</i>	-0.000493404	0.014156052	0.447520355	1
Heart_Failure	endothelial	<i>SMIM19</i>	0.002166513	0.049111877	0.582431375	1
Heart_Failure	endothelial	<i>SMIM8</i>	0.003267056	0.04451642	0.570979537	1
Heart_Failure	endothelial	<i>SNTG2</i>	0.000851247	0.039800016	0.570979537	1
Heart_Failure	endothelial	<i>SNX10</i>	-0.002023873	0.020130948	0.498733908	1
Heart_Failure	endothelial	<i>SPATA22</i>	0.002312265	0.049630715	0.582431375	1
Heart_Failure	endothelial	<i>SPATA6L</i>	0.003723059	0.021597176	0.498733908	1
Heart_Failure	endothelial	<i>SPG21</i>	-0.002929857	0.037319183	0.5703822	1
Heart_Failure	endothelial	<i>SPTBN1</i>	0.001021348	0.000545208	0.384963484	1
Heart_Failure	endothelial	<i>SRGAP1</i>	0.001858022	0.007686218	0.404485887	1
Heart_Failure	endothelial	<i>SRPK2</i>	-0.000684209	0.006193082	0.404485887	1
Heart_Failure	endothelial	<i>STARD9</i>	0.001259758	0.023098326	0.506109361	1
Heart_Failure	endothelial	<i>STK17B</i>	-0.001195276	0.003483391	0.396317914	1
Heart_Failure	endothelial	<i>STRADA</i>	-0.004635281	0.04937085	0.582431375	1
Heart_Failure	endothelial	<i>STRN3</i>	0.002366293	0.011053601	0.418434136	1
Heart_Failure	endothelial	<i>SULT1B1</i>	-0.006751216	0.025065442	0.513431735	1
Heart_Failure	endothelial	<i>SUN1</i>	0.001859794	0.011669226	0.426713377	1

Heart_Failure	endothelial	<i>SVEP1</i>	0.001712537	0.004421597	0.396317914	1
Heart_Failure	endothelial	<i>SYK</i>	-0.00084077	0.004980825	0.404485887	1
Heart_Failure	endothelial	<i>SYT1</i>	0.001746516	0.04412955	0.570979537	1
Heart_Failure	endothelial	<i>SYT7</i>	0.013433707	0.022635192	0.504730996	1
Heart_Failure	endothelial	<i>TACC1</i>	0.001258425	0.0060646	0.404485887	1
Heart_Failure	endothelial	<i>TACC2</i>	0.002719485	0.014222487	0.447520355	1
Heart_Failure	endothelial	<i>TACC3</i>	-0.00738892	0.001621412	0.384963484	1
Heart_Failure	endothelial	<i>TBC1D22A</i>	-0.001032869	0.020093818	0.498733908	1
Heart_Failure	endothelial	<i>TBX1</i>	0.001962753	0.037703176	0.57047899	1
Heart_Failure	endothelial	<i>TDRD9</i>	-0.009197814	0.036592159	0.570203212	1
Heart_Failure	endothelial	<i>TEF</i>	0.006093696	0.021122441	0.498733908	1
Heart_Failure	endothelial	<i>TFEB</i>	-0.002829598	0.01854208	0.492477639	1
Heart_Failure	endothelial	<i>THEMIS2</i>	-0.003305095	0.018972762	0.495114526	1
Heart_Failure	endothelial	<i>THOC3</i>	-0.004906425	0.04696998	0.581547034	1
Heart_Failure	endothelial	<i>TMCC3</i>	-0.002594227	0.012204146	0.434118895	1
Heart_Failure	endothelial	<i>TMEM127</i>	-0.005456426	0.016621906	0.47527518	1
Heart_Failure	endothelial	<i>TMEM241</i>	0.0022104	0.015124653	0.458068031	1
Heart_Failure	endothelial	<i>TMEM98</i>	0.006170813	0.015176953	0.458068031	1
Heart_Failure	endothelial	<i>TNFRSF10C</i>	-0.001915264	0.005477375	0.404485887	1
Heart_Failure	endothelial	<i>TNK2</i>	-0.00394694	0.038214489	0.57047899	1
Heart_Failure	endothelial	<i>TRAF1</i>	-0.002896164	0.041086169	0.570979537	1
Heart_Failure	endothelial	<i>TRIM2</i>	0.003645567	0.016233969	0.47094271	1
Heart_Failure	endothelial	<i>TRPM6</i>	-0.005144809	0.047528475	0.581547034	1
Heart_Failure	endothelial	<i>TSHZ2</i>	0.000603046	0.005783164	0.404485887	1
Heart_Failure	endothelial	<i>TTC21B</i>	0.001875067	0.03866198	0.57047899	1
Heart_Failure	endothelial	<i>TTC23</i>	0.00398789	0.021998909	0.501558393	1
Heart_Failure	endothelial	<i>TTC37</i>	0.002166854	0.045848629	0.576243401	1
Heart_Failure	endothelial	<i>TTLL11</i>	0.003748015	0.02073681	0.498733908	1
Heart_Failure	endothelial	<i>TUBB8</i>	-0.011445887	0.026806416	0.513431735	1
Heart_Failure	endothelial	<i>TULP3</i>	0.002210584	0.026891917	0.513431735	1
Heart_Failure	endothelial	<i>TXNDC16</i>	-0.003838129	0.042145651	0.570979537	1
Heart_Failure	endothelial	<i>TYK2</i>	-0.003447006	0.037003976	0.570203212	1
Heart_Failure	endothelial	<i>TYMP</i>	-0.001973389	0.014391517	0.447520355	1
Heart_Failure	endothelial	<i>UACA</i>	0.001275027	0.01637924	0.471009604	1
Heart_Failure	endothelial	<i>UBASH3B</i>	-0.002864936	0.006340965	0.404485887	1
Heart_Failure	endothelial	<i>UBN1</i>	-0.001658164	0.008200266	0.404485887	1
Heart_Failure	endothelial	<i>UBR4</i>	0.002144258	0.041235916	0.570979537	1
Heart_Failure	endothelial	<i>UBXN2A</i>	0.003995588	0.010382385	0.416679803	1
Heart_Failure	endothelial	<i>UGGT2</i>	0.001421741	0.026441441	0.513431735	1
Heart_Failure	endothelial	<i>UGP2</i>	0.001496318	0.021358644	0.498733908	1
Heart_Failure	endothelial	<i>UPK3B</i>	0.014580819	0.024310128	0.513284854	1
Heart_Failure	endothelial	<i>USP15</i>	-0.000997	0.001746191	0.384963484	1
Heart_Failure	endothelial	<i>USP40</i>	0.003446573	0.003164499	0.393980106	1
Heart_Failure	endothelial	<i>USP53</i>	0.001254367	0.029786452	0.536156144	1
Heart_Failure	endothelial	<i>VMP1</i>	-0.000605601	0.010330483	0.416679803	1
Heart_Failure	endothelial	<i>VNN2</i>	-0.00185374	0.01060933	0.417114181	1
Heart_Failure	endothelial	<i>VNN3</i>	-0.004489998	0.014602134	0.447520355	1
Heart_Failure	endothelial	<i>VSIG10</i>	0.004184092	0.017786863	0.483050636	1
Heart_Failure	endothelial	<i>VWA8</i>	0.001831421	0.030817228	0.547493938	1
Heart_Failure	endothelial	<i>WAC</i>	-0.000803101	0.047936885	0.581547034	1
Heart_Failure	endothelial	<i>WASF3</i>	0.002622515	0.012150276	0.434118895	1
Heart_Failure	endothelial	<i>WDR41</i>	0.00267442	0.0385915	0.57047899	1

Heart_Failure	endothelial	<i>WDR60</i>	0.00248152	0.011220186	0.419073951	1
Heart_Failure	endothelial	<i>WNT5A</i>	0.009376496	0.024784537	0.513431735	1
Heart_Failure	endothelial	<i>WRN</i>	0.003899393	0.011516821	0.424842737	1
Heart_Failure	endothelial	<i>WWOX</i>	0.00108274	0.006212123	0.404485887	1
Heart_Failure	endothelial	<i>WWTR1</i>	0.001491373	0.011362959	0.421770443	1
Heart_Failure	endothelial	<i>XKR8</i>	-0.012328508	0.034014191	0.561426387	1
Heart_Failure	endothelial	<i>XPO6</i>	-0.001074657	0.0032985	0.395136321	1
Heart_Failure	endothelial	<i>XRCC2</i>	-0.01131018	0.038407542	0.57047899	1
Heart_Failure	endothelial	<i>ZC2HC1A</i>	0.002131949	0.028916087	0.530069132	1
Heart_Failure	endothelial	<i>ZCWPW1</i>	-0.004144917	0.036442577	0.570203212	1
Heart_Failure	endothelial	<i>ZDBF2</i>	0.004837931	0.048649341	0.582431375	1
Heart_Failure	endothelial	<i>ZDHHC21</i>	0.001708981	0.035581601	0.565724139	1
Heart_Failure	endothelial	<i>ZFHX4</i>	0.001867205	0.019610481	0.498733908	1
Heart_Failure	endothelial	<i>ZFP41</i>	0.015526366	0.045403015	0.574848336	1
Heart_Failure	endothelial	<i>ZFPM2</i>	0.000720781	0.006375827	0.404485887	1
Heart_Failure	endothelial	<i>ZNF117</i>	0.002907769	0.020154736	0.498733908	1
Heart_Failure	endothelial	<i>ZNF200</i>	-0.008484215	0.017586961	0.483050636	1
Heart_Failure	endothelial	<i>ZNF208</i>	0.003382452	0.026649762	0.513431735	1
Heart_Failure	endothelial	<i>ZNF248</i>	0.003930854	0.00136637	0.384963484	1
Heart_Failure	endothelial	<i>ZNF25</i>	0.003982548	0.037019868	0.570203212	1
Heart_Failure	endothelial	<i>ZNF273</i>	0.004700389	0.023484953	0.506109361	1
Heart_Failure	endothelial	<i>ZNF33A</i>	-0.002951189	0.007245995	0.404485887	1
Heart_Failure	endothelial	<i>ZNF345</i>	0.002558166	0.04856924	0.582431375	1
Heart_Failure	endothelial	<i>ZNF436</i>	0.007541628	0.041657183	0.570979537	1
Heart_Failure	endothelial	<i>ZNF483</i>	0.005199272	0.023543909	0.506109361	1
Heart_Failure	endothelial	<i>ZNF507</i>	0.002461076	0.017890906	0.483050636	1
Heart_Failure	endothelial	<i>ZNF592</i>	0.003671704	0.009295974	0.406965439	1
Heart_Failure	endothelial	<i>ZNF682</i>	0.007947913	0.009531822	0.409799781	1
Heart_Failure	endothelial	<i>ZNF706</i>	0.004169055	0.029465229	0.533419241	1
Heart_Failure	endothelial	<i>ZNF774</i>	0.013611514	0.027543977	0.518756295	1
Heart_Failure	endothelial	<i>ZNF83</i>	0.002142831	0.027653447	0.518756295	1
Heart_Failure	endothelial	<i>ZNF90</i>	0.003901529	0.046274758	0.578531285	1
Heart_Failure	endothelial	<i>ZUFSP</i>	0.005255003	0.049369022	0.582431375	1
Heart_Failure	endothelial	<i>HES5</i>	0.008126902	0.047598044	0.581547034	1
Heart_Failure	endothelial	<i>RPRML</i>	0.005700552	0.014438541	0.447520355	1
Heart_Failure	endothelial	<i>SGCA</i>	0.013152927	0.045815591	0.576243401	1
Heart_Failure	endothelial	<i>AP005482.1</i>	0.002953358	0.043603138	0.570979537	1
Heart_Failure	LEC	<i>A4GALT</i>	0.004604554	0.030039458	0.657453498	1
Heart_Failure	LEC	<i>ABCA7</i>	-0.003584778	0.011028174	0.562763851	1
Heart_Failure	LEC	<i>ABCA8</i>	0.000909478	0.019056477	0.618424388	1
Heart_Failure	LEC	<i>ABHD3</i>	-0.002549547	0.002315297	0.528543914	1
Heart_Failure	LEC	<i>ABTB1</i>	-0.003191938	0.009680651	0.550967321	1
Heart_Failure	LEC	<i>ABTB2</i>	0.005241729	0.00728368	0.53955471	1
Heart_Failure	LEC	<i>AC107021.1</i>	0.002878914	0.020469011	0.618424388	1
Heart_Failure	LEC	<i>ACSS3</i>	0.001690413	0.039323352	0.70920832	1
Heart_Failure	LEC	<i>ACTR3</i>	-0.001336464	0.034029563	0.679982344	1
Heart_Failure	LEC	<i>ACTR3B</i>	0.005664999	0.001615031	0.528543914	1
Heart_Failure	LEC	<i>ADAM33</i>	0.003876545	0.001850443	0.528543914	1
Heart_Failure	LEC	<i>ADAMTS12</i>	0.000919804	0.031590969	0.660028149	1
Heart_Failure	LEC	<i>ADH4</i>	0.009329449	0.030689538	0.657453498	1
Heart_Failure	LEC	<i>AGBL3</i>	0.003352481	0.036030981	0.696275072	1
Heart_Failure	LEC	<i>AGTPBP1</i>	-0.001688417	0.005908839	0.528543914	1

Heart_Failure	LEC	<i>AH11</i>	0.00098356	0.020583868	0.618424388	1
Heart_Failure	LEC	<i>AIG1</i>	0.003251868	0.021540791	0.618424388	1
Heart_Failure	LEC	<i>AKRIC3</i>	0.00341714	0.048592389	0.737552961	1
Heart_Failure	LEC	<i>ALPK1</i>	-0.001227446	0.040683694	0.721177326	1
Heart_Failure	LEC	<i>AMPD3</i>	-0.003761555	0.014933886	0.579512365	1
Heart_Failure	LEC	<i>ANKRD26</i>	0.00371232	0.007077137	0.53955471	1
Heart_Failure	LEC	<i>ANKRD36C</i>	0.001625867	0.035134914	0.692957902	1
Heart_Failure	LEC	<i>ANKRD44</i>	-0.000598868	0.004765816	0.528543914	1
Heart_Failure	LEC	<i>ANO3</i>	0.001748381	0.04827452	0.737552961	1
Heart_Failure	LEC	<i>APBB3</i>	0.016612333	0.006332897	0.528543914	1
Heart_Failure	LEC	<i>ARHGAP8</i>	-0.014437121	0.030505725	0.657453498	1
Heart_Failure	LEC	<i>ARHGAP9</i>	-0.003805443	0.002856357	0.528543914	1
Heart_Failure	LEC	<i>ARHGDIB</i>	-0.002057785	0.007657243	0.53955471	1
Heart_Failure	LEC	<i>ARHGEF7</i>	0.001578516	0.008744634	0.546099509	1
Heart_Failure	LEC	<i>ARPC5</i>	-0.001706427	0.037812442	0.707765654	1
Heart_Failure	LEC	<i>ASAP3</i>	0.004428314	0.043372712	0.728314382	1
Heart_Failure	LEC	<i>ASCC1</i>	0.004408183	0.013628178	0.570447932	1
Heart_Failure	LEC	<i>ATXN2</i>	0.000990866	0.015396782	0.583945402	1
Heart_Failure	LEC	<i>ATXN3</i>	0.00137861	0.00905906	0.54683783	1
Heart_Failure	LEC	<i>AUTS2</i>	0.000636986	0.014653456	0.579512365	1
Heart_Failure	LEC	<i>B3GNTL1</i>	-0.005377702	0.003433306	0.528543914	1
Heart_Failure	LEC	<i>BAIAP2L2</i>	0.003313099	0.039204511	0.70920832	1
Heart_Failure	LEC	<i>BASP1</i>	-0.001316271	0.006064122	0.528543914	1
Heart_Failure	LEC	<i>BBC3</i>	-0.011220778	0.044517438	0.728866335	1
Heart_Failure	LEC	<i>BCAP29</i>	0.003914116	0.022954863	0.632157875	1
Heart_Failure	LEC	<i>BPHL</i>	0.00436047	0.041460872	0.721177326	1
Heart_Failure	LEC	<i>BTBD11</i>	-0.002953785	0.037899098	0.707765654	1
Heart_Failure	LEC	<i>BTNL8</i>	-0.002825403	0.045764959	0.729310385	1
Heart_Failure	LEC	<i>C15orf61</i>	-0.008192686	0.012426944	0.564085166	1
Heart_Failure	LEC	<i>C1QTNF7</i>	0.002750831	0.006210025	0.528543914	1
Heart_Failure	LEC	<i>C1orf21</i>	0.000750694	0.039005122	0.70920832	1
Heart_Failure	LEC	<i>C2CD2</i>	0.002364301	0.030377613	0.657453498	1
Heart_Failure	LEC	<i>C2orf88</i>	0.002941565	0.026706258	0.650440529	1
Heart_Failure	LEC	<i>C5AR1</i>	-0.001575522	0.002832235	0.528543914	1
Heart_Failure	LEC	<i>C5orf42</i>	0.001905043	0.026612474	0.650440529	1
Heart_Failure	LEC	<i>C8orf37</i>	-0.011296645	0.045297513	0.729310385	1
Heart_Failure	LEC	<i>CACNA2D1</i>	0.000942679	0.022458744	0.629716747	1
Heart_Failure	LEC	<i>CAMSAP2</i>	0.002334819	0.00814843	0.53955471	1
Heart_Failure	LEC	<i>CARD16</i>	-0.008216714	0.016232455	0.595123613	1
Heart_Failure	LEC	<i>CASP8</i>	-0.001384866	0.039637814	0.70920832	1
Heart_Failure	LEC	<i>CAT</i>	0.001698475	0.049717092	0.737552961	1
Heart_Failure	LEC	<i>CAV1</i>	0.00140358	0.026715485	0.650440529	1
Heart_Failure	LEC	<i>CBL</i>	-0.00182675	0.020057371	0.618424388	1
Heart_Failure	LEC	<i>CCDC50</i>	0.002805619	0.035624386	0.693457109	1
Heart_Failure	LEC	<i>CD14</i>	-0.00225522	0.024778491	0.641022783	1
Heart_Failure	LEC	<i>CDA</i>	-0.003093421	0.020771051	0.618424388	1
Heart_Failure	LEC	<i>CDC42BPA</i>	0.001101687	0.00789984	0.53955471	1
Heart_Failure	LEC	<i>CDHR3</i>	0.002318063	0.02336789	0.63471136	1
Heart_Failure	LEC	<i>CEACAM4</i>	-0.00707933	0.012053844	0.562763851	1
Heart_Failure	LEC	<i>CECR2</i>	0.003447551	0.02734924	0.653756227	1
Heart_Failure	LEC	<i>CENPA</i>	-0.008128567	0.038761946	0.70920832	1
Heart_Failure	LEC	<i>CEP112</i>	0.001238964	0.01145487	0.562763851	1

Heart_Failure	LEC	<i>CEP290</i>	0.002256558	0.049164988	0.737552961	1
Heart_Failure	LEC	<i>CFL2</i>	0.004271148	0.046211924	0.729667645	1
Heart_Failure	LEC	<i>CGGBP1</i>	0.001668549	0.037038434	0.701440443	1
Heart_Failure	LEC	<i>CHI3L1</i>	-0.003936133	0.022813593	0.631376976	1
Heart_Failure	LEC	<i>CHRD12</i>	-0.018174807	0.002941833	0.528543914	1
Heart_Failure	LEC	<i>CHST11</i>	-0.000660026	0.003690616	0.528543914	1
Heart_Failure	LEC	<i>CHST15</i>	-0.000882895	0.047359678	0.733216159	1
Heart_Failure	LEC	<i>CLCN2</i>	-0.00865805	0.029587108	0.657453498	1
Heart_Failure	LEC	<i>CLEC4E</i>	-0.002094505	0.009331927	0.550967321	1
Heart_Failure	LEC	<i>CLTCL1</i>	0.003546092	0.029132195	0.657453498	1
Heart_Failure	LEC	<i>COBLL1</i>	0.001061318	0.012906021	0.570447932	1
Heart_Failure	LEC	<i>COL12A1</i>	0.001674795	0.021508248	0.618424388	1
Heart_Failure	LEC	<i>COPG2</i>	0.003526428	0.023681254	0.634711136	1
Heart_Failure	LEC	<i>COTL1</i>	-0.002015498	0.023791055	0.634711136	1
Heart_Failure	LEC	<i>COX7A2L</i>	0.002694751	0.036645998	0.701440443	1
Heart_Failure	LEC	<i>CPPED1</i>	-0.000724481	0.013874267	0.570447932	1
Heart_Failure	LEC	<i>CPS1</i>	0.006979481	0.045717969	0.729310385	1
Heart_Failure	LEC	<i>CPT2</i>	-0.004438508	0.008955447	0.546099509	1
Heart_Failure	LEC	<i>CTNNA1</i>	0.001957451	0.017584259	0.615844892	1
Heart_Failure	LEC	<i>CTSB</i>	-0.001874013	0.049770795	0.737552961	1
Heart_Failure	LEC	<i>CTSF</i>	0.004887304	0.045752532	0.729310385	1
Heart_Failure	LEC	<i>CTSS</i>	-0.00072815	0.025952697	0.64860347	1
Heart_Failure	LEC	<i>CTSZ</i>	-0.002745689	0.045319557	0.729310385	1
Heart_Failure	LEC	<i>CYFIP1</i>	0.001522889	0.014032103	0.570447932	1
Heart_Failure	LEC	<i>CYP2C8</i>	0.05436849	0.005521623	0.528543914	1
Heart_Failure	LEC	<i>CYP4A11</i>	0.013563249	0.016019707	0.595123613	1
Heart_Failure	LEC	<i>DCBLD2</i>	0.002226662	0.039471075	0.70920832	1
Heart_Failure	LEC	<i>DDX18</i>	0.002010383	0.020094092	0.618424388	1
Heart_Failure	LEC	<i>DENND5A</i>	-0.001198791	0.038376049	0.70920832	1
Heart_Failure	LEC	<i>DFNA5</i>	0.006648206	0.045512077	0.729310385	1
Heart_Failure	LEC	<i>DGCR2</i>	-0.002496282	0.049154454	0.737552961	1
Heart_Failure	LEC	<i>DHX34</i>	-0.002615129	0.004572648	0.528543914	1
Heart_Failure	LEC	<i>DISC1</i>	-0.001306482	0.034249445	0.679982344	1
Heart_Failure	LEC	<i>DOCK1</i>	0.000995166	0.021106199	0.618424388	1
Heart_Failure	LEC	<i>DOK3</i>	-0.003832652	0.015321323	0.583945402	1
Heart_Failure	LEC	<i>DPYD</i>	-0.00069412	0.026384619	0.650440529	1
Heart_Failure	LEC	<i>DTWD1</i>	0.002610358	0.030723795	0.657453498	1
Heart_Failure	LEC	<i>DYNC2LI1</i>	0.002632708	0.026024512	0.64860347	1
Heart_Failure	LEC	<i>EBLN2</i>	-0.007561605	0.006167653	0.528543914	1
Heart_Failure	LEC	<i>ECHDC2</i>	0.001606078	0.011430552	0.562763851	1
Heart_Failure	LEC	<i>ECM2</i>	0.002402238	0.00365338	0.528543914	1
Heart_Failure	LEC	<i>EFCAB13</i>	0.002652509	0.014873671	0.579512365	1
Heart_Failure	LEC	<i>EFEMP1</i>	0.001277371	0.030241484	0.657453498	1
Heart_Failure	LEC	<i>EIF4B</i>	-0.002190646	0.037281948	0.702142042	1
Heart_Failure	LEC	<i>EIF5A</i>	0.008592719	0.025547005	0.64860347	1
Heart_Failure	LEC	<i>ELL</i>	-0.002919565	0.003603151	0.528543914	1
Heart_Failure	LEC	<i>EMB</i>	-0.001158559	0.048538839	0.737552961	1
Heart_Failure	LEC	<i>EPB41L4A</i>	0.00122639	0.018484069	0.618424388	1
Heart_Failure	LEC	<i>EPCAM</i>	-0.015564879	0.044241283	0.728314382	1
Heart_Failure	LEC	<i>EPHB1</i>	-0.00070765	0.023208748	0.634711136	1
Heart_Failure	LEC	<i>EPN2</i>	0.001361365	0.017622068	0.615844892	1
Heart_Failure	LEC	<i>ERCC6</i>	0.00229572	0.03561456	0.693457109	1

Heart_Failure	LEC	<i>ETFDH</i>	0.002351703	0.029595674	0.657453498	1
Heart_Failure	LEC	<i>ETV6</i>	-0.000810158	0.041037111	0.721177326	1
Heart_Failure	LEC	<i>F2RL1</i>	-0.0450269	0.001163823	0.528543914	1
Heart_Failure	LEC	<i>FAHDI</i>	-0.008527621	0.033576135	0.679700118	1
Heart_Failure	LEC	<i>FAM114A1</i>	0.00312373	0.008050248	0.53955471	1
Heart_Failure	LEC	<i>FAM196A</i>	0.002038547	0.032425804	0.665898977	1
Heart_Failure	LEC	<i>FAM19A2</i>	-0.00283431	0.041503608	0.721177326	1
Heart_Failure	LEC	<i>FAM227B</i>	0.002355855	0.043341241	0.728314382	1
Heart_Failure	LEC	<i>FAP</i>	0.005416974	0.016773272	0.607497414	1
Heart_Failure	LEC	<i>FBXO36</i>	0.007617698	0.005600638	0.528543914	1
Heart_Failure	LEC	<i>FCAR</i>	-0.004980907	0.002007344	0.528543914	1
Heart_Failure	LEC	<i>FCERIA</i>	-0.003541558	0.018661788	0.618424388	1
Heart_Failure	LEC	<i>FCGRT</i>	-0.001508759	0.020040348	0.618424388	1
Heart_Failure	LEC	<i>FDPS</i>	0.003502462	0.038924604	0.70920832	1
Heart_Failure	LEC	<i>FIBP</i>	-0.005370471	0.043410959	0.728314382	1
Heart_Failure	LEC	<i>FJX1</i>	-0.014288109	0.040056982	0.714568722	1
Heart_Failure	LEC	<i>FLRT2</i>	0.001065472	0.021731781	0.618424388	1
Heart_Failure	LEC	<i>FOXP2</i>	0.001242456	0.018481986	0.618424388	1
Heart_Failure	LEC	<i>FPR1</i>	-0.002168798	0.001121686	0.528543914	1
Heart_Failure	LEC	<i>FTO</i>	0.001193773	0.028123865	0.657453498	1
Heart_Failure	LEC	<i>GBP5</i>	-0.00300886	0.02114546	0.618424388	1
Heart_Failure	LEC	<i>GFM1</i>	0.002583355	0.028877739	0.657453498	1
Heart_Failure	LEC	<i>GHR</i>	0.001010353	0.012625445	0.567290688	1
Heart_Failure	LEC	<i>GLIPR1</i>	-0.002545811	0.007767368	0.53955471	1
Heart_Failure	LEC	<i>GLIPR2</i>	-0.002255258	0.044772956	0.729310385	1
Heart_Failure	LEC	<i>GMEB2</i>	-0.005888443	0.033421549	0.67934414	1
Heart_Failure	LEC	<i>GNAI1</i>	0.00156298	0.040972106	0.721177326	1
Heart_Failure	LEC	<i>GPHN</i>	0.001108283	0.028992467	0.657453498	1
Heart_Failure	LEC	<i>GRAMD1C</i>	-0.002998664	0.036118687	0.696275072	1
Heart_Failure	LEC	<i>GREB1L</i>	0.002393146	0.007899495	0.53955471	1
Heart_Failure	LEC	<i>HCG17</i>	0.002784034	0.010510965	0.56245685	1
Heart_Failure	LEC	<i>HCG27</i>	-0.004407994	0.025559249	0.64860347	1
Heart_Failure	LEC	<i>HCLSI</i>	-0.001793322	0.001563001	0.528543914	1
Heart_Failure	LEC	<i>HELLS</i>	0.008189361	0.010887544	0.562763851	1
Heart_Failure	LEC	<i>HIBCH</i>	0.001591215	0.009661345	0.550967321	1
Heart_Failure	LEC	<i>HIST1H4E</i>	-0.010493656	0.042548457	0.725297979	1
Heart_Failure	LEC	<i>HLA-B</i>	-0.000743376	0.008927179	0.546099509	1
Heart_Failure	LEC	<i>HLA-DQB2</i>	-0.00712689	0.011892753	0.562763851	1
Heart_Failure	LEC	<i>HLA-E</i>	-0.001035198	0.043788393	0.728314382	1
Heart_Failure	LEC	<i>HOXB3</i>	0.00253116	0.039359592	0.70920832	1
Heart_Failure	LEC	<i>HOXD3</i>	0.003906409	0.03341099	0.67934414	1
Heart_Failure	LEC	<i>HSD17B11</i>	-0.003062322	0.031594717	0.660028149	1
Heart_Failure	LEC	<i>HSPBAP1</i>	-0.003768377	0.00738313	0.53955471	1
Heart_Failure	LEC	<i>HSPG2</i>	0.000786794	0.048967902	0.737552961	1
Heart_Failure	LEC	<i>ICAIL</i>	0.003054042	0.043469249	0.728314382	1
Heart_Failure	LEC	<i>ICAM3</i>	-0.004065931	0.046253153	0.729667645	1
Heart_Failure	LEC	<i>IFITM1</i>	-0.008900636	0.008075825	0.53955471	1
Heart_Failure	LEC	<i>IFNAR2</i>	-0.001146069	0.044156932	0.728314382	1
Heart_Failure	LEC	<i>IGF2R</i>	-0.000692977	0.032133206	0.662165655	1
Heart_Failure	LEC	<i>IL17RA</i>	-0.001739937	0.009290698	0.550967321	1
Heart_Failure	LEC	<i>IQGAP1</i>	-0.001322488	0.000860587	0.528543914	1
Heart_Failure	LEC	<i>ITGAV</i>	0.001545592	0.049639885	0.737552961	1

Heart_Failure	LEC	<i>ITGB3BP</i>	0.002952177	0.001757528	0.528543914	1
Heart_Failure	LEC	<i>JKAMP</i>	0.004086619	0.002076785	0.528543914	1
Heart_Failure	LEC	<i>KATNAL1</i>	0.002567127	0.04222149	0.725297979	1
Heart_Failure	LEC	<i>KCNB2</i>	0.002286558	0.022050412	0.621571999	1
Heart_Failure	LEC	<i>KCNIP4</i>	0.00216466	0.049417003	0.737552961	1
Heart_Failure	LEC	<i>KCNJ15</i>	-0.000761405	0.011688645	0.562763851	1
Heart_Failure	LEC	<i>KHDRBS3</i>	0.0015752	0.030808067	0.657453498	1
Heart_Failure	LEC	<i>KLF14</i>	-0.021584404	0.005484637	0.528543914	1
Heart_Failure	LEC	<i>KLHL7</i>	0.003049895	0.044878502	0.729310385	1
Heart_Failure	LEC	<i>LAMA4</i>	0.00093234	0.003591848	0.528543914	1
Heart_Failure	LEC	<i>LAMB1</i>	0.001745056	0.046476846	0.729667645	1
Heart_Failure	LEC	<i>LAMTOR4</i>	-0.003085972	0.045483885	0.729310385	1
Heart_Failure	LEC	<i>LCP2</i>	-0.001290134	0.005613656	0.528543914	1
Heart_Failure	LEC	<i>LGALS2</i>	-0.00627247	0.044361853	0.728314382	1
Heart_Failure	LEC	<i>LILRA2</i>	-0.006684298	0.04680109	0.729822089	1
Heart_Failure	LEC	<i>LILRA6</i>	-0.006766399	0.007438354	0.53955471	1
Heart_Failure	LEC	<i>LILRB3</i>	-0.002164663	0.002584946	0.528543914	1
Heart_Failure	LEC	<i>LIMA1</i>	0.000904535	0.013772673	0.570447932	1
Heart_Failure	LEC	<i>LINC00174</i>	0.002061045	0.024159999	0.641022783	1
Heart_Failure	LEC	<i>LINC00662</i>	0.003769955	0.029315196	0.657453498	1
Heart_Failure	LEC	<i>LINC00937</i>	-0.004710715	0.020517215	0.618424388	1
Heart_Failure	LEC	<i>LINC00959</i>	0.004668228	0.014167002	0.572040579	1
Heart_Failure	LEC	<i>LITAF</i>	-0.000873938	0.011868029	0.562763851	1
Heart_Failure	LEC	<i>LMO3</i>	0.001793658	0.01183214	0.562763851	1
Heart_Failure	LEC	<i>LONP2</i>	0.002726203	0.008598044	0.546099509	1
Heart_Failure	LEC	<i>LPAR2</i>	-0.008802912	0.042600333	0.725297979	1
Heart_Failure	LEC	<i>LPIN2</i>	-0.002163077	0.029228997	0.657453498	1
Heart_Failure	LEC	<i>LRMP</i>	-0.00136493	0.012387611	0.564085166	1
Heart_Failure	LEC	<i>LRRC25</i>	-0.007578702	0.001713439	0.528543914	1
Heart_Failure	LEC	<i>LRRK2</i>	-0.000692138	0.00882034	0.546099509	1
Heart_Failure	LEC	<i>LURAP1L</i>	0.002623227	0.025178	0.645767075	1
Heart_Failure	LEC	<i>LYZ</i>	-0.001151465	0.018144375	0.618424388	1
Heart_Failure	LEC	<i>MAP1LC3A</i>	0.004644894	0.003425674	0.528543914	1
Heart_Failure	LEC	<i>MAP3K5</i>	-0.001155555	0.013614386	0.570447932	1
Heart_Failure	LEC	<i>MAP4K5</i>	0.00138449	0.039146983	0.70920832	1
Heart_Failure	LEC	<i>ME3</i>	0.003599763	0.018878717	0.618424388	1
Heart_Failure	LEC	<i>MEGF9</i>	-0.001149845	0.004575963	0.528543914	1
Heart_Failure	LEC	<i>METTL15</i>	0.002396083	0.013135629	0.570447932	1
Heart_Failure	LEC	<i>MFSD5</i>	-0.007842249	0.018603304	0.618424388	1
Heart_Failure	LEC	<i>MGMT</i>	0.001712676	0.034027491	0.679982344	1
Heart_Failure	LEC	<i>MGRN1</i>	-0.002752466	0.015075039	0.581215694	1
Heart_Failure	LEC	<i>MICAL2</i>	-0.002041062	0.031249229	0.659877712	1
Heart_Failure	LEC	<i>MIPOL1</i>	0.001992151	0.024651178	0.641022783	1
Heart_Failure	LEC	<i>MMP25</i>	-0.002946522	0.004864938	0.528543914	1
Heart_Failure	LEC	<i>MNAT1</i>	0.001906729	0.013940252	0.570447932	1
Heart_Failure	LEC	<i>MOB3A</i>	-0.00222343	0.009658316	0.550967321	1
Heart_Failure	LEC	<i>MPZL3</i>	-0.003237526	0.023548471	0.634711136	1
Heart_Failure	LEC	<i>MTUS1</i>	0.001498186	0.048095196	0.737552961	1
Heart_Failure	LEC	<i>MUL1</i>	-0.012227029	0.010647821	0.562763851	1
Heart_Failure	LEC	<i>MX2</i>	-0.00141012	0.008464925	0.546099509	1
Heart_Failure	LEC	<i>MYO1F</i>	-0.000614349	0.004336091	0.528543914	1
Heart_Failure	LEC	<i>MYO5B</i>	0.00645236	0.034116227	0.679982344	1

Heart_Failure	LEC	<i>MYO6</i>	0.00222831	0.010016881	0.55622831	1
Heart_Failure	LEC	<i>MYO9A</i>	0.000958307	0.049802553	0.737552961	1
Heart_Failure	LEC	<i>MYOC</i>	0.003135473	0.041216718	0.721177326	1
Heart_Failure	LEC	<i>NCF4</i>	-0.003281092	0.011078521	0.562763851	1
Heart_Failure	LEC	<i>NDUFA6</i>	-0.005280675	0.00506229	0.528543914	1
Heart_Failure	LEC	<i>NFIA</i>	0.00092549	0.003134282	0.528543914	1
Heart_Failure	LEC	<i>NFIX</i>	0.002877712	0.017023278	0.611606561	1
Heart_Failure	LEC	<i>NT5C2</i>	-0.001127249	0.034969525	0.691979737	1
Heart_Failure	LEC	<i>NT5C3B</i>	0.005408774	0.00214868	0.528543914	1
Heart_Failure	LEC	<i>NUAK2</i>	-0.007698026	0.005070066	0.528543914	1
Heart_Failure	LEC	<i>NUDT12</i>	0.006235827	0.002743666	0.528543914	1
Heart_Failure	LEC	<i>NUDT4</i>	0.003030558	0.045520935	0.729310385	1
Heart_Failure	LEC	<i>OGFRL1</i>	-0.002355763	0.016145018	0.595123613	1
Heart_Failure	LEC	<i>OSCAR</i>	-0.003772234	0.024498044	0.641022783	1
Heart_Failure	LEC	<i>PADI4</i>	-0.002602906	0.006459039	0.528756413	1
Heart_Failure	LEC	<i>PARD3</i>	0.000767217	0.007401297	0.53955471	1
Heart_Failure	LEC	<i>PARP8</i>	-0.000897704	0.004061517	0.528543914	1
Heart_Failure	LEC	<i>PARVG</i>	-0.002889011	0.033666539	0.679700118	1
Heart_Failure	LEC	<i>PAX6</i>	-0.012690627	0.030516201	0.657453498	1
Heart_Failure	LEC	<i>PBX1</i>	0.00091521	0.005550818	0.528543914	1
Heart_Failure	LEC	<i>PDE1C</i>	0.001745497	0.032001223	0.661835835	1
Heart_Failure	LEC	<i>PDE8A</i>	0.00175173	0.008559532	0.546099509	1
Heart_Failure	LEC	<i>PGS1</i>	-0.002749886	0.041634233	0.721177326	1
Heart_Failure	LEC	<i>PHLDB1</i>	0.001899476	0.005809032	0.528543914	1
Heart_Failure	LEC	<i>PIAS1</i>	-0.001131038	0.004824394	0.528543914	1
Heart_Failure	LEC	<i>PILRA</i>	-0.001834625	0.004027693	0.528543914	1
Heart_Failure	LEC	<i>PILRB</i>	-0.002900577	0.043908447	0.728314382	1
Heart_Failure	LEC	<i>PIPOX</i>	-0.015716699	0.013738926	0.570447932	1
Heart_Failure	LEC	<i>PLA2R1</i>	0.002721801	0.030931519	0.657453498	1
Heart_Failure	LEC	<i>PLEKHA3</i>	-0.003562983	0.031698139	0.660028149	1
Heart_Failure	LEC	<i>PLEKHA6</i>	0.008415064	0.000182114	0.528543914	1
Heart_Failure	LEC	<i>PLOD1</i>	0.004246156	0.018773883	0.618424388	1
Heart_Failure	LEC	<i>PLSCR4</i>	0.001159808	0.02166912	0.618424388	1
Heart_Failure	LEC	<i>PPCDC</i>	-0.001000881	0.037090894	0.701440443	1
Heart_Failure	LEC	<i>PPP1R9A</i>	0.001530296	0.018330664	0.618424388	1
Heart_Failure	LEC	<i>PPT1</i>	-0.005711065	0.001213001	0.528543914	1
Heart_Failure	LEC	<i>PRICKLE1</i>	0.001692608	0.021082228	0.618424388	1
Heart_Failure	LEC	<i>PRIMPOL</i>	0.002921901	0.025167284	0.645767075	1
Heart_Failure	LEC	<i>PRSS23</i>	0.001212305	0.004414763	0.528543914	1
Heart_Failure	LEC	<i>PSMB9</i>	-0.00199007	0.01928824	0.618424388	1
Heart_Failure	LEC	<i>PSTPIP1</i>	-0.003559952	0.008131574	0.53955471	1
Heart_Failure	LEC	<i>PTAFR</i>	-0.004453089	0.011657721	0.562763851	1
Heart_Failure	LEC	<i>PTGR1</i>	0.003170968	0.031024412	0.657453498	1
Heart_Failure	LEC	<i>PTK2</i>	0.000775776	0.02688605	0.650440529	1
Heart_Failure	LEC	<i>PTPN12</i>	0.001756605	0.007620718	0.53955471	1
Heart_Failure	LEC	<i>PTPN14</i>	0.001243328	0.029503625	0.657453498	1
Heart_Failure	LEC	<i>PTPRJ</i>	-0.000886386	0.001663494	0.528543914	1
Heart_Failure	LEC	<i>PTPRS</i>	0.001245096	0.04326457	0.728314382	1
Heart_Failure	LEC	<i>PUS7L</i>	-0.0028027	0.016170047	0.595123613	1
Heart_Failure	LEC	<i>RAB3GAP2</i>	0.001804978	0.013707396	0.570447932	1
Heart_Failure	LEC	<i>RAD9A</i>	0.002948101	0.036992344	0.701440443	1
Heart_Failure	LEC	<i>RASGEF1A</i>	-0.008523636	0.041581399	0.721177326	1

Heart_Failure	LEC	<i>RBMS2</i>	0.003159626	0.007466619	0.53955471	1
Heart_Failure	LEC	<i>RFWD2</i>	-0.000732533	0.020481133	0.618424388	1
Heart_Failure	LEC	<i>RFX8</i>	0.007674747	0.043653183	0.728314382	1
Heart_Failure	LEC	<i>RGS19</i>	-0.003966113	0.037011179	0.701440443	1
Heart_Failure	LEC	<i>RGS2</i>	-0.001753033	0.013542098	0.570447932	1
Heart_Failure	LEC	<i>RILPL2</i>	-0.002972137	0.004661685	0.528543914	1
Heart_Failure	LEC	<i>RIPK2</i>	-0.002880619	0.043650235	0.728314382	1
Heart_Failure	LEC	<i>RNASE1</i>	-0.001495652	0.011754076	0.562763851	1
Heart_Failure	LEC	<i>RNF114</i>	-0.003215152	0.027766564	0.657453498	1
Heart_Failure	LEC	<i>RNF130</i>	-0.000920472	0.020006851	0.618424388	1
Heart_Failure	LEC	<i>RNF149</i>	-0.000728622	0.003681082	0.528543914	1
Heart_Failure	LEC	<i>RNF24</i>	-0.000645436	0.006181208	0.528543914	1
Heart_Failure	LEC	<i>RPGRIP1</i>	-0.008129601	0.031444931	0.660028149	1
Heart_Failure	LEC	<i>RRM1</i>	0.004347446	0.020269689	0.618424388	1
Heart_Failure	LEC	<i>RRP12</i>	-0.003690769	0.017296103	0.611606561	1
Heart_Failure	LEC	<i>RUFY2</i>	0.002098376	0.049983857	0.737552961	1
Heart_Failure	LEC	<i>RYK</i>	0.002207018	0.047966921	0.737552961	1
Heart_Failure	LEC	<i>SI00A8</i>	-0.002455786	0.018524589	0.618424388	1
Heart_Failure	LEC	<i>SI00A9</i>	-0.001568258	0.017735539	0.616206868	1
Heart_Failure	LEC	<i>SAMD9</i>	-0.003061021	0.024515101	0.641022783	1
Heart_Failure	LEC	<i>SCMH1</i>	0.001571411	0.017165524	0.611606561	1
Heart_Failure	LEC	<i>SDK1</i>	0.000871281	0.021848944	0.618811803	1
Heart_Failure	LEC	<i>SEMA4A</i>	-0.003810489	0.026412416	0.650440529	1
Heart_Failure	LEC	<i>SEMA4D</i>	-0.001468948	0.003302034	0.528543914	1
Heart_Failure	LEC	<i>SGCE</i>	0.002979664	0.029524924	0.657453498	1
Heart_Failure	LEC	<i>SH3D19</i>	0.001140054	0.001203362	0.528543914	1
Heart_Failure	LEC	<i>SH3PXD2B</i>	0.001305097	0.038849635	0.70920832	1
Heart_Failure	LEC	<i>SIRPB1</i>	-0.008670681	0.026992847	0.650440529	1
Heart_Failure	LEC	<i>SIRPB2</i>	-0.002904215	0.022820855	0.631376976	1
Heart_Failure	LEC	<i>SKIV2L</i>	-0.005825191	0.046410761	0.729667645	1
Heart_Failure	LEC	<i>SLC1A5</i>	0.006711156	0.042451229	0.725297979	1
Heart_Failure	LEC	<i>SLC22A15</i>	-0.0030199	0.046519975	0.729667645	1
Heart_Failure	LEC	<i>SLC25A27</i>	0.003759006	0.000755771	0.528543914	1
Heart_Failure	LEC	<i>SLCO3A1</i>	-0.000746374	0.008200421	0.53955471	1
Heart_Failure	LEC	<i>SMAD5</i>	0.002291537	0.021462584	0.618424388	1
Heart_Failure	LEC	<i>SMCHD1</i>	-0.000559379	0.005403786	0.528543914	1
Heart_Failure	LEC	<i>SNX10</i>	-0.002041223	0.019195742	0.618424388	1
Heart_Failure	LEC	<i>SNX32</i>	-0.006096113	0.030945784	0.657453498	1
Heart_Failure	LEC	<i>SP110</i>	-0.001342622	0.047826043	0.737552961	1
Heart_Failure	LEC	<i>SPAG7</i>	0.004067839	0.026944393	0.650440529	1
Heart_Failure	LEC	<i>SPATA22</i>	0.002627936	0.025934906	0.64860347	1
Heart_Failure	LEC	<i>SPP1</i>	-0.003077597	0.039540752	0.70920832	1
Heart_Failure	LEC	<i>SPTBN1</i>	0.00094818	0.00134128	0.528543914	1
Heart_Failure	LEC	<i>SRGAP1</i>	0.001554275	0.025881645	0.64860347	1
Heart_Failure	LEC	<i>SRI</i>	0.004663735	0.012392972	0.564085166	1
Heart_Failure	LEC	<i>ST7L</i>	0.001951178	0.020518686	0.618424388	1
Heart_Failure	LEC	<i>STARD9</i>	0.001333922	0.016221181	0.595123613	1
Heart_Failure	LEC	<i>STK17B</i>	-0.000925134	0.023761325	0.63471136	1
Heart_Failure	LEC	<i>STOX1</i>	0.005874011	0.001547387	0.528543914	1
Heart_Failure	LEC	<i>STRN3</i>	0.002315219	0.012922132	0.570447932	1
Heart_Failure	LEC	<i>SULT1B1</i>	-0.007622821	0.011571367	0.562763851	1
Heart_Failure	LEC	<i>SUN1</i>	0.001457261	0.048344961	0.737552961	1

Heart_Failure	LEC	<i>SYDE1</i>	0.01436557	0.005625198	0.528543914	1
Heart_Failure	LEC	<i>SYK</i>	-0.001038774	0.000525257	0.528543914	1
Heart_Failure	LEC	<i>TACC2</i>	0.002651752	0.016731316	0.607497414	1
Heart_Failure	LEC	<i>TACC3</i>	-0.005103786	0.029526219	0.657453498	1
Heart_Failure	LEC	<i>TAF13</i>	-0.007817039	0.040902002	0.721177326	1
Heart_Failure	LEC	<i>TBC1D22A</i>	-0.001114053	0.012052153	0.562763851	1
Heart_Failure	LEC	<i>TBCD</i>	0.00215175	0.026048332	0.64860347	1
Heart_Failure	LEC	<i>TBRG4</i>	0.010612357	0.03736298	0.702142042	1
Heart_Failure	LEC	<i>TEX261</i>	-0.005125151	0.020992926	0.618424388	1
Heart_Failure	LEC	<i>TFEB</i>	-0.00280038	0.01996789	0.618424388	1
Heart_Failure	LEC	<i>TLN2</i>	0.001247096	0.010046832	0.55622831	1
Heart_Failure	LEC	<i>TMC1</i>	-0.007038588	0.012459712	0.564085166	1
Heart_Failure	LEC	<i>TMCC3</i>	-0.003249974	0.001687624	0.528543914	1
Heart_Failure	LEC	<i>TMEM127</i>	-0.004847293	0.03417544	0.679982344	1
Heart_Failure	LEC	<i>TMEM241</i>	0.00197113	0.030376394	0.657453498	1
Heart_Failure	LEC	<i>TMEM45B</i>	-0.012947904	0.019486031	0.618424388	1
Heart_Failure	LEC	<i>TMEM9</i>	0.006782787	0.039080389	0.70920832	1
Heart_Failure	LEC	<i>TNFRSF10C</i>	-0.001885363	0.006266885	0.528543914	1
Heart_Failure	LEC	<i>TPST1</i>	0.001346075	0.042370181	0.725297979	1
Heart_Failure	LEC	<i>TRABD2A</i>	-0.004443735	0.006367999	0.528543914	1
Heart_Failure	LEC	<i>TRAF3IP2</i>	0.004439748	0.030744286	0.657453498	1
Heart_Failure	LEC	<i>TRIM2</i>	0.003884149	0.01054136	0.56245685	1
Heart_Failure	LEC	<i>TRIP10</i>	0.002198182	0.048713449	0.737552961	1
Heart_Failure	LEC	<i>TRMT61B</i>	0.002142725	0.046896198	0.729822089	1
Heart_Failure	LEC	<i>TSHZ2</i>	0.000515726	0.018363185	0.618424388	1
Heart_Failure	LEC	<i>TSPAN15</i>	0.0022317	0.021342232	0.618424388	1
Heart_Failure	LEC	<i>TTC19</i>	0.001453543	0.035763839	0.693911371	1
Heart_Failure	LEC	<i>TTC38</i>	0.003311695	0.028619786	0.657453498	1
Heart_Failure	LEC	<i>TUBB8</i>	-0.012613362	0.014589154	0.579512365	1
Heart_Failure	LEC	<i>TUBG2</i>	0.005358119	0.031010074	0.657453498	1
Heart_Failure	LEC	<i>TULP3</i>	0.002040645	0.040843003	0.721177326	1
Heart_Failure	LEC	<i>TYK2</i>	-0.003474805	0.035360915	0.693457109	1
Heart_Failure	LEC	<i>TYMP</i>	-0.001811627	0.024711614	0.641022783	1
Heart_Failure	LEC	<i>UACA</i>	0.001060817	0.046008465	0.729667645	1
Heart_Failure	LEC	<i>UBASH3B</i>	-0.00288516	0.00599982	0.528543914	1
Heart_Failure	LEC	<i>UBN1</i>	-0.001613471	0.010140358	0.55622831	1
Heart_Failure	LEC	<i>UGGT2</i>	0.001949346	0.002401932	0.528543914	1
Heart_Failure	LEC	<i>USP15</i>	-0.000919061	0.003915312	0.528543914	1
Heart_Failure	LEC	<i>USP40</i>	0.002492227	0.032837667	0.672047597	1
Heart_Failure	LEC	<i>USP53</i>	0.001162372	0.044004222	0.728314382	1
Heart_Failure	LEC	<i>VEZT</i>	0.001970652	0.035462303	0.693457109	1
Heart_Failure	LEC	<i>VNN2</i>	-0.001880145	0.00957161	0.550967321	1
Heart_Failure	LEC	<i>VNN3</i>	-0.004713161	0.010392567	0.56245685	1
Heart_Failure	LEC	<i>VPS8</i>	-0.001596935	0.014806201	0.579512365	1
Heart_Failure	LEC	<i>VSIG10</i>	0.003885366	0.027266589	0.653756227	1
Heart_Failure	LEC	<i>VWA8</i>	0.001844462	0.029290523	0.657453498	1
Heart_Failure	LEC	<i>WDFY4</i>	-0.001353254	0.013984748	0.570447932	1
Heart_Failure	LEC	<i>WDR19</i>	0.003423266	0.017236319	0.611606561	1
Heart_Failure	LEC	<i>WDR41</i>	0.002566381	0.047299476	0.733216159	1
Heart_Failure	LEC	<i>WDR60</i>	0.002470636	0.011589424	0.562763851	1
Heart_Failure	LEC	<i>WDR70</i>	0.001597572	0.013906465	0.570447932	1
Heart_Failure	LEC	<i>WFS1</i>	0.004321195	0.036598507	0.701440443	1

Heart_Failure	LEC	<i>WNT3</i>	0.017237369	0.029713898	0.657453498	1
Heart_Failure	LEC	<i>WNT5A</i>	0.009062358	0.030563855	0.657453498	1
Heart_Failure	LEC	<i>WRN</i>	0.005052177	0.001143673	0.528543914	1
Heart_Failure	LEC	<i>WWOX</i>	0.000919743	0.020187578	0.618424388	1
Heart_Failure	LEC	<i>WWTR1</i>	0.001171572	0.04686573	0.729822089	1
Heart_Failure	LEC	<i>XPO6</i>	-0.000979516	0.007397191	0.53955471	1
Heart_Failure	LEC	<i>XRCC2</i>	-0.015322496	0.005097206	0.528543914	1
Heart_Failure	LEC	<i>YPEL3</i>	-0.003242987	0.003735277	0.528543914	1
Heart_Failure	LEC	<i>ZC2HC1A</i>	0.002094992	0.032006452	0.661835835	1
Heart_Failure	LEC	<i>ZC3H12C</i>	0.002132617	0.021393721	0.618424388	1
Heart_Failure	LEC	<i>ZFHX4</i>	0.00182739	0.022550098	0.629716747	1
Heart_Failure	LEC	<i>ZFP28</i>	0.004497494	0.038696354	0.70920832	1
Heart_Failure	LEC	<i>ZFPM2</i>	0.000735394	0.005463837	0.528543914	1
Heart_Failure	LEC	<i>ZNF154</i>	0.005549915	0.024256864	0.641022783	1
Heart_Failure	LEC	<i>ZNF197</i>	0.00498827	0.008216111	0.53955471	1
Heart_Failure	LEC	<i>ZNF211</i>	0.004673157	0.049027468	0.737552961	1
Heart_Failure	LEC	<i>ZNF223</i>	-0.023148468	0.010145396	0.55622831	1
Heart_Failure	LEC	<i>ZNF248</i>	0.003835554	0.001837523	0.528543914	1
Heart_Failure	LEC	<i>ZNF260</i>	0.004007759	0.023482738	0.63471136	1
Heart_Failure	LEC	<i>ZNF334</i>	0.003900334	0.027730485	0.657453498	1
Heart_Failure	LEC	<i>ZNF33A</i>	-0.002693123	0.014529905	0.579512365	1
Heart_Failure	LEC	<i>ZNF483</i>	0.005565771	0.015438985	0.583945402	1
Heart_Failure	LEC	<i>ZNF706</i>	0.004193945	0.028206065	0.657453498	1
Heart_Failure	LEC	<i>CYP2C9</i>	0.023609675	0.000829032	0.528543914	1
Heart_Failure	LEC	<i>SGCA</i>	0.013365353	0.041786396	0.721721101	1
Heart_Failure	macrophage	<i>A4GALT</i>	0.005706644	0.007360593	0.240887786	1
Heart_Failure	macrophage	<i>AADAC</i>	0.011752818	0.021458867	0.274036176	1
Heart_Failure	macrophage	<i>AAMDC</i>	0.002596659	0.008384026	0.240887786	1
Heart_Failure	macrophage	<i>ABCA7</i>	-0.003216342	0.022992371	0.276788867	1
Heart_Failure	macrophage	<i>ABCC8</i>	0.017251703	0.008837275	0.241148646	1
Heart_Failure	macrophage	<i>ABCF3</i>	0.011803081	0.011718799	0.24426949	1
Heart_Failure	macrophage	<i>ABHD3</i>	-0.002512134	0.002663281	0.23252898	1
Heart_Failure	macrophage	<i>ABTB1</i>	-0.00289418	0.019000571	0.267170389	1
Heart_Failure	macrophage	<i>AC005082.1</i>	0.036395143	0.033946277	0.297198021	1
Heart_Failure	macrophage	<i>AC092171.4</i>	0.01587603	0.032801902	0.295217119	1
Heart_Failure	macrophage	<i>AC107021.1</i>	0.002796493	0.024277682	0.278471071	1
Heart_Failure	macrophage	<i>AC144652.1</i>	0.009934065	0.044175974	0.31875104	1
Heart_Failure	macrophage	<i>ACAT2</i>	0.006252766	0.024269376	0.278471071	1
Heart_Failure	macrophage	<i>ACCS</i>	0.004717066	0.031561166	0.294239055	1
Heart_Failure	macrophage	<i>ACOT2</i>	0.006256249	0.023269418	0.276788867	1
Heart_Failure	macrophage	<i>ACOX2</i>	0.004436305	0.032550639	0.295217119	1
Heart_Failure	macrophage	<i>ACSM5</i>	0.008165049	0.002887586	0.23252898	1
Heart_Failure	macrophage	<i>ACSS3</i>	0.002187056	0.007647357	0.240887786	1
Heart_Failure	macrophage	<i>ACTR3</i>	-0.001265644	0.044803847	0.32063124	1
Heart_Failure	macrophage	<i>ACVR1C</i>	0.001687869	0.015805308	0.253466358	1
Heart_Failure	macrophage	<i>ADAL</i>	0.00420716	0.015125734	0.251623518	1
Heart_Failure	macrophage	<i>ADAM33</i>	0.002932733	0.018619536	0.264300115	1
Heart_Failure	macrophage	<i>ADAM8</i>	-0.006611119	0.002157402	0.23252898	1
Heart_Failure	macrophage	<i>ADAMTS12</i>	0.001070522	0.012442093	0.247037678	1
Heart_Failure	macrophage	<i>ADAMTSL3</i>	0.001439818	0.014036616	0.251623518	1
Heart_Failure	macrophage	<i>ADCY10</i>	0.010132387	0.019504822	0.269816699	1
Heart_Failure	macrophage	<i>ADH1A</i>	0.019400702	0.003266158	0.23252898	1

Heart_Failure	macrophage	<i>ADH1B</i>	0.001197786	0.013640264	0.251623518	1
Heart_Failure	macrophage	<i>ADH4</i>	0.011695866	0.006675822	0.240887786	1
Heart_Failure	macrophage	<i>AGAP9</i>	0.010266397	0.041916157	0.316446095	1
Heart_Failure	macrophage	<i>AGBL3</i>	0.003763714	0.018528755	0.263637714	1
Heart_Failure	macrophage	<i>AGTPBP1</i>	-0.002176957	0.000381683	0.226738751	1
Heart_Failure	macrophage	<i>AH11</i>	0.000896744	0.034865678	0.298705617	1
Heart_Failure	macrophage	<i>AIG1</i>	0.004060461	0.004182535	0.23847204	1
Heart_Failure	macrophage	<i>AK1</i>	0.012677726	0.039875272	0.314467928	1
Heart_Failure	macrophage	<i>AK3</i>	0.003763089	0.005479988	0.23847204	1
Heart_Failure	macrophage	<i>AKAP10</i>	-0.00159494	0.005921695	0.23847204	1
Heart_Failure	macrophage	<i>AKRIC3</i>	0.004102301	0.017915578	0.261517854	1
Heart_Failure	macrophage	<i>AKRIE2</i>	0.005787229	0.038934857	0.310713054	1
Heart_Failure	macrophage	<i>ALDH7A1</i>	0.005847664	0.000773004	0.226738751	1
Heart_Failure	macrophage	<i>ALDH8A1</i>	0.012328844	0.007640756	0.240887786	1
Heart_Failure	macrophage	<i>ALG11</i>	0.005821482	0.049458971	0.332693656	1
Heart_Failure	macrophage	<i>ALG8</i>	0.002735622	0.012460676	0.247037678	1
Heart_Failure	macrophage	<i>ALK</i>	0.005193896	0.008675776	0.240887786	1
Heart_Failure	macrophage	<i>ANKRD13B</i>	0.019001688	0.023352477	0.276788867	1
Heart_Failure	macrophage	<i>ANKRD26</i>	0.003528322	0.010469511	0.24426949	1
Heart_Failure	macrophage	<i>ANKRD34A</i>	0.023111413	0.010761848	0.24426949	1
Heart_Failure	macrophage	<i>ANKRD44</i>	-0.000698276	0.000989632	0.23252898	1
Heart_Failure	macrophage	<i>ANKRD45</i>	0.017190306	0.024505371	0.27894114	1
Heart_Failure	macrophage	<i>ANKRD50</i>	0.0049033	0.035551348	0.299654238	1
Heart_Failure	macrophage	<i>ANKRD9</i>	0.012401344	0.015182087	0.251623518	1
Heart_Failure	macrophage	<i>ANO3</i>	0.002169573	0.014223292	0.251623518	1
Heart_Failure	macrophage	<i>ANO4</i>	0.005165732	0.023211445	0.276788867	1
Heart_Failure	macrophage	<i>AP000350.4</i>	0.020727188	0.007209997	0.240887786	1
Heart_Failure	macrophage	<i>AP000350.5</i>	0.037174871	0.019753204	0.270126194	1
Heart_Failure	macrophage	<i>AP000350.6</i>	0.026516467	0.003367886	0.23252898	1
Heart_Failure	macrophage	<i>AP1M1</i>	0.003552127	0.049096829	0.331743273	1
Heart_Failure	macrophage	<i>APBB1IP</i>	-0.000647367	0.008360578	0.240887786	1
Heart_Failure	macrophage	<i>APTX</i>	0.002881216	0.038995112	0.310713054	1
Heart_Failure	macrophage	<i>AQP3</i>	-0.007467833	0.022303489	0.276551602	1
Heart_Failure	macrophage	<i>ARHGAP9</i>	-0.004007886	0.001674955	0.23252898	1
Heart_Failure	macrophage	<i>ARHGDIB</i>	-0.001883439	0.014615496	0.251623518	1
Heart_Failure	macrophage	<i>ARHGEF10</i>	0.004186945	0.04530625	0.321555996	1
Heart_Failure	macrophage	<i>ARHGEF33</i>	0.011017426	0.033150681	0.295731017	1
Heart_Failure	macrophage	<i>ARHGEF37</i>	0.004705482	0.00931286	0.24426949	1
Heart_Failure	macrophage	<i>ARL17B</i>	0.003475338	0.03633992	0.303178384	1
Heart_Failure	macrophage	<i>ARMS2</i>	0.037781128	0.025258288	0.27986596	1
Heart_Failure	macrophage	<i>ARPC2</i>	-0.001157574	0.008322292	0.240887786	1
Heart_Failure	macrophage	<i>ARSA</i>	0.006808224	0.028848212	0.289339941	1
Heart_Failure	macrophage	<i>ASAH2B</i>	0.011490009	0.033795587	0.297198021	1
Heart_Failure	macrophage	<i>ASAP1</i>	-0.000928083	0.035379116	0.299611201	1
Heart_Failure	macrophage	<i>ASAP2</i>	0.001945865	0.007719563	0.240887786	1
Heart_Failure	macrophage	<i>ASCC1</i>	0.004526145	0.0111117662	0.24426949	1
Heart_Failure	macrophage	<i>ATE1</i>	0.00195985	0.034121283	0.297269383	1
Heart_Failure	macrophage	<i>ATF6</i>	-0.001305046	0.01366214	0.251623518	1
Heart_Failure	macrophage	<i>ATG7</i>	-0.000891509	0.014432866	0.251623518	1
Heart_Failure	macrophage	<i>ATL2</i>	0.002516627	0.038157464	0.307105132	1
Heart_Failure	macrophage	<i>ATL3</i>	0.001740234	0.048509041	0.329795252	1
Heart_Failure	macrophage	<i>AUTS2</i>	0.000821901	0.001633485	0.23252898	1

Heart_Failure	macrophage	<i>B3GNTL1</i>	-0.00408099	0.026619565	0.281713787	1
Heart_Failure	macrophage	<i>BAG6</i>	0.005076438	0.033406253	0.295756696	1
Heart_Failure	macrophage	<i>BALAP2L2</i>	0.003842912	0.016677245	0.257444595	1
Heart_Failure	macrophage	<i>BAK1</i>	0.011944083	0.031789807	0.294239055	1
Heart_Failure	macrophage	<i>BASP1</i>	-0.001070994	0.025516452	0.280307377	1
Heart_Failure	macrophage	<i>BCAP29</i>	0.003462311	0.044132198	0.31875104	1
Heart_Failure	macrophage	<i>BCHE</i>	0.009779344	0.014417131	0.251623518	1
Heart_Failure	macrophage	<i>BCL2L1</i>	0.002093067	0.02178121	0.275766844	1
Heart_Failure	macrophage	<i>BEND6</i>	0.010499004	0.012726706	0.248501208	1
Heart_Failure	macrophage	<i>BHMT</i>	0.011390734	0.020494247	0.271174873	1
Heart_Failure	macrophage	<i>BHMT2</i>	0.003491809	0.046618721	0.326121444	1
Heart_Failure	macrophage	<i>BICC1</i>	0.000971551	0.04985877	0.332693656	1
Heart_Failure	macrophage	<i>BMP1</i>	0.006203311	0.001017144	0.23252898	1
Heart_Failure	macrophage	<i>BOC</i>	0.002064229	0.029774107	0.291552255	1
Heart_Failure	macrophage	<i>BODIL1</i>	-0.002236465	0.029964007	0.292003757	1
Heart_Failure	macrophage	<i>BOK</i>	0.005894677	0.00583375	0.23847204	1
Heart_Failure	macrophage	<i>BPHL</i>	0.006374537	0.002863706	0.23252898	1
Heart_Failure	macrophage	<i>BSCL2</i>	0.037299582	0.020371687	0.271174873	1
Heart_Failure	macrophage	<i>BTBD19</i>	0.006865404	0.016594658	0.257444595	1
Heart_Failure	macrophage	<i>BTBD3</i>	0.004970685	0.005130362	0.23847204	1
Heart_Failure	macrophage	<i>C11orf74</i>	0.007015188	0.009218171	0.24426949	1
Heart_Failure	macrophage	<i>C12orf60</i>	0.005847338	0.026877116	0.281713787	1
Heart_Failure	macrophage	<i>C12orf73</i>	0.006784681	0.002386316	0.23252898	1
Heart_Failure	macrophage	<i>C14orf39</i>	0.012247253	0.003786769	0.23252898	1
Heart_Failure	macrophage	<i>C15orf61</i>	-0.009575267	0.003453576	0.23252898	1
Heart_Failure	macrophage	<i>C17orf80</i>	0.005076378	0.032446462	0.295217119	1
Heart_Failure	macrophage	<i>C19orf12</i>	0.003647614	0.02780936	0.284511396	1
Heart_Failure	macrophage	<i>C19orf18</i>	0.008357391	0.015353551	0.252068191	1
Heart_Failure	macrophage	<i>C1QTNF6</i>	0.006451204	0.016801367	0.257444595	1
Heart_Failure	macrophage	<i>C1QTNF7</i>	0.002670943	0.007808389	0.240887786	1
Heart_Failure	macrophage	<i>C1orf123</i>	0.004357215	0.039139152	0.3114455	1
Heart_Failure	macrophage	<i>C1orf229</i>	0.026601304	0.031741955	0.294239055	1
Heart_Failure	macrophage	<i>C2CD2</i>	0.00271835	0.01265691	0.247992437	1
Heart_Failure	macrophage	<i>C2orf73</i>	0.007718076	0.034616452	0.297651684	1
Heart_Failure	macrophage	<i>C2orf88</i>	0.00366021	0.005799726	0.23847204	1
Heart_Failure	macrophage	<i>C3orf14</i>	0.012006797	0.021927636	0.275766844	1
Heart_Failure	macrophage	<i>C4orf45</i>	0.004039413	0.045878771	0.323154163	1
Heart_Failure	macrophage	<i>C5</i>	0.005393811	0.011301577	0.24426949	1
Heart_Failure	macrophage	<i>C5AR1</i>	-0.001322881	0.012144381	0.245315465	1
Heart_Failure	macrophage	<i>C5orf42</i>	0.001969052	0.021836605	0.275766844	1
Heart_Failure	macrophage	<i>C6</i>	0.002501465	0.039309065	0.311553014	1
Heart_Failure	macrophage	<i>C6orf141</i>	0.002321559	0.043648822	0.317330123	1
Heart_Failure	macrophage	<i>C6orf163</i>	0.01233583	0.036667176	0.30391546	1
Heart_Failure	macrophage	<i>C7</i>	0.004617269	0.043172334	0.316446095	1
Heart_Failure	macrophage	<i>C9orf64</i>	0.010932795	0.010393568	0.24426949	1
Heart_Failure	macrophage	<i>C9orf66</i>	-0.006473836	0.024906394	0.27901627	1
Heart_Failure	macrophage	<i>CACNA2D1</i>	0.00106425	0.009942199	0.24426949	1
Heart_Failure	macrophage	<i>CALML4</i>	0.024952317	0.042178378	0.316446095	1
Heart_Failure	macrophage	<i>CAMK2A</i>	0.016134016	0.008509909	0.240887786	1
Heart_Failure	macrophage	<i>CAMSAP2</i>	0.002327977	0.008343778	0.240887786	1
Heart_Failure	macrophage	<i>CAPS2</i>	0.002234345	0.0095779	0.24426949	1
Heart_Failure	macrophage	<i>CASP7</i>	0.003812156	0.03623887	0.302885994	1

Heart_Failure	macrophage	<i>CASP8</i>	-0.001459151	0.030141125	0.292883514	1
Heart_Failure	macrophage	<i>CAT</i>	0.001963734	0.023351478	0.276788867	1
Heart_Failure	macrophage	<i>CAV1</i>	0.001309683	0.038605435	0.309672593	1
Heart_Failure	macrophage	<i>CBL</i>	-0.001900281	0.015502631	0.253124933	1
Heart_Failure	macrophage	<i>CCBE1</i>	0.005125815	0.046937402	0.326160363	1
Heart_Failure	macrophage	<i>CCDC102B</i>	0.001967847	0.006149979	0.240887786	1
Heart_Failure	macrophage	<i>CCDC171</i>	0.004187608	0.014765092	0.251623518	1
Heart_Failure	macrophage	<i>CCDC36</i>	0.004794357	0.006603689	0.240887786	1
Heart_Failure	macrophage	<i>CCDC40</i>	0.008045699	0.012984112	0.249917801	1
Heart_Failure	macrophage	<i>CCDC92</i>	0.003448526	0.011524119	0.24426949	1
Heart_Failure	macrophage	<i>CCL4</i>	-0.002303618	0.013595524	0.251623518	1
Heart_Failure	macrophage	<i>CD14</i>	-0.002346302	0.019455472	0.269816699	1
Heart_Failure	macrophage	<i>CDA</i>	-0.002971626	0.026290507	0.281413157	1
Heart_Failure	macrophage	<i>CDC14A</i>	-0.001017075	0.040949611	0.315594157	1
Heart_Failure	macrophage	<i>CDC42BPA</i>	0.001095634	0.008206314	0.240887786	1
Heart_Failure	macrophage	<i>CDCA3</i>	0.032483285	0.040537906	0.315594157	1
Heart_Failure	macrophage	<i>CDHR3</i>	0.002982917	0.003519929	0.23252898	1
Heart_Failure	macrophage	<i>CDON</i>	0.001986789	0.007721287	0.240887786	1
Heart_Failure	macrophage	<i>CEACAM4</i>	-0.005768431	0.040700877	0.315594157	1
Heart_Failure	macrophage	<i>CECR2</i>	0.004679557	0.002714141	0.23252898	1
Heart_Failure	macrophage	<i>CENPJ</i>	0.005535927	0.020418973	0.271174873	1
Heart_Failure	macrophage	<i>CEP112</i>	0.001070043	0.028912755	0.289418129	1
Heart_Failure	macrophage	<i>CEP170B</i>	0.011785322	0.033360119	0.295756696	1
Heart_Failure	macrophage	<i>CEP19</i>	-0.007391107	0.031954677	0.294239055	1
Heart_Failure	macrophage	<i>CFH</i>	0.001455807	0.014270054	0.251623518	1
Heart_Failure	macrophage	<i>CHI3L1</i>	-0.003885975	0.02460653	0.27901627	1
Heart_Failure	macrophage	<i>CHMP3</i>	-0.004946032	0.024201626	0.278471071	1
Heart_Failure	macrophage	<i>CHPF</i>	0.009583607	0.046795635	0.326121444	1
Heart_Failure	macrophage	<i>CHRD12</i>	-0.013835667	0.023480524	0.277000666	1
Heart_Failure	macrophage	<i>CHST1</i>	0.026504251	0.035390942	0.299611201	1
Heart_Failure	macrophage	<i>CHST11</i>	-0.00077066	0.000693307	0.226738751	1
Heart_Failure	macrophage	<i>CKAP2</i>	0.004457013	0.032971735	0.295410929	1
Heart_Failure	macrophage	<i>CLDN10</i>	0.019261397	0.006704719	0.240887786	1
Heart_Failure	macrophage	<i>CLEC4E</i>	-0.002019471	0.0121607	0.245315465	1
Heart_Failure	macrophage	<i>CLMN</i>	0.001082323	0.010539968	0.24426949	1
Heart_Failure	macrophage	<i>CLTCL1</i>	0.003267725	0.044196346	0.31875104	1
Heart_Failure	macrophage	<i>CMTM4</i>	0.006107071	0.041167841	0.316219814	1
Heart_Failure	macrophage	<i>CNIH3</i>	0.002760833	0.041723108	0.316351494	1
Heart_Failure	macrophage	<i>CNIH4</i>	0.002960202	0.036171897	0.30274966	1
Heart_Failure	macrophage	<i>COBLL1</i>	0.001010837	0.017859994	0.261517854	1
Heart_Failure	macrophage	<i>COL12A1</i>	0.001877078	0.010004708	0.24426949	1
Heart_Failure	macrophage	<i>COL16A1</i>	0.00368333	0.038124503	0.307105132	1
Heart_Failure	macrophage	<i>COL24A1</i>	0.00480947	0.004986501	0.23847204	1
Heart_Failure	macrophage	<i>COL28A1</i>	0.009207657	0.040980767	0.315594157	1
Heart_Failure	macrophage	<i>COL6A1</i>	0.001078133	0.018454868	0.263637714	1
Heart_Failure	macrophage	<i>COL8A1</i>	0.002492655	0.01392218	0.251623518	1
Heart_Failure	macrophage	<i>COLCA2</i>	0.010872027	0.048801489	0.330766359	1
Heart_Failure	macrophage	<i>COPG2</i>	0.00384729	0.01349377	0.251623518	1
Heart_Failure	macrophage	<i>COTL1</i>	-0.002385351	0.007456258	0.240887786	1
Heart_Failure	macrophage	<i>COX14</i>	0.003711195	0.03442276	0.297269383	1
Heart_Failure	macrophage	<i>CPNE1</i>	0.00275326	0.041523362	0.316351494	1
Heart_Failure	macrophage	<i>CPPED1</i>	-0.000833618	0.004617577	0.23847204	1

Heart_Failure	macrophage	<i>CPS1</i>	0.008004894	0.022103802	0.275766844	1
Heart_Failure	macrophage	<i>CPSF3</i>	0.004666629	0.00965082	0.24426949	1
Heart_Failure	macrophage	<i>CRIPT</i>	0.005406407	0.01582044	0.253466358	1
Heart_Failure	macrophage	<i>CRLF3</i>	-0.002274188	0.028452036	0.287829928	1
Heart_Failure	macrophage	<i>CRMP1</i>	0.005115238	0.009501161	0.24426949	1
Heart_Failure	macrophage	<i>CTBS</i>	-0.002786121	0.010792961	0.24426949	1
Heart_Failure	macrophage	<i>CTDSPL</i>	0.00198987	0.017952776	0.261517854	1
Heart_Failure	macrophage	<i>CTNNAL1</i>	0.005207998	0.011627866	0.24426949	1
Heart_Failure	macrophage	<i>CTNND2</i>	0.013318292	0.004450233	0.23847204	1
Heart_Failure	macrophage	<i>CTNS</i>	0.005145932	0.005639198	0.23847204	1
Heart_Failure	macrophage	<i>CTSS</i>	-0.000781351	0.016902504	0.257444595	1
Heart_Failure	macrophage	<i>CTU1</i>	0.012004966	0.037523555	0.305505127	1
Heart_Failure	macrophage	<i>CUX1</i>	-0.00122929	0.017714169	0.261517854	1
Heart_Failure	macrophage	<i>CWF19L2</i>	0.001427998	0.029732392	0.291552255	1
Heart_Failure	macrophage	<i>CXCR4</i>	-0.003073923	0.042864037	0.316446095	1
Heart_Failure	macrophage	<i>CYB5D2</i>	0.00370845	0.016055403	0.255858907	1
Heart_Failure	macrophage	<i>CYP26B1</i>	0.005572947	0.0423663	0.316446095	1
Heart_Failure	macrophage	<i>CYP2U1</i>	0.006701299	0.017396917	0.259169452	1
Heart_Failure	macrophage	<i>CYP4A11</i>	0.011445406	0.041706423	0.316351494	1
Heart_Failure	macrophage	<i>CYP4V2</i>	0.003373972	0.048474325	0.329795252	1
Heart_Failure	macrophage	<i>CYP4X1</i>	0.00432867	0.007921134	0.240887786	1
Heart_Failure	macrophage	<i>CYP4Z1</i>	0.007944696	0.022607221	0.276663364	1
Heart_Failure	macrophage	<i>CYTH1</i>	-0.000877412	0.022583205	0.276663364	1
Heart_Failure	macrophage	<i>DBT</i>	0.003568067	0.049382965	0.332693656	1
Heart_Failure	macrophage	<i>DCBLD2</i>	0.003433981	0.001454401	0.23252898	1
Heart_Failure	macrophage	<i>DCLK2</i>	0.003081992	0.027605984	0.283947264	1
Heart_Failure	macrophage	<i>DCLK3</i>	0.017647227	0.035266602	0.299611201	1
Heart_Failure	macrophage	<i>DDI2</i>	0.003667621	0.008073118	0.240887786	1
Heart_Failure	macrophage	<i>DDX1</i>	0.002311715	0.006115859	0.240887786	1
Heart_Failure	macrophage	<i>DDX56</i>	0.004695933	0.032698042	0.295217119	1
Heart_Failure	macrophage	<i>DEC2</i>	0.010791592	0.003221957	0.23252898	1
Heart_Failure	macrophage	<i>DEFB124</i>	0.01276411	0.027534031	0.283947264	1
Heart_Failure	macrophage	<i>DGCR2</i>	-0.003207073	0.011389513	0.24426949	1
Heart_Failure	macrophage	<i>DHCR24</i>	0.012956002	0.01927407	0.269746701	1
Heart_Failure	macrophage	<i>DHRS7B</i>	0.002008476	0.030001725	0.292003757	1
Heart_Failure	macrophage	<i>DHX34</i>	-0.002587022	0.005007799	0.23847204	1
Heart_Failure	macrophage	<i>DIAPH1</i>	-0.001217913	0.045751665	0.322961656	1
Heart_Failure	macrophage	<i>DIRC3</i>	0.001446798	0.003230589	0.23252898	1
Heart_Failure	macrophage	<i>DKK3</i>	0.005718819	0.030610291	0.293568448	1
Heart_Failure	macrophage	<i>DLG5</i>	0.004102004	0.003121216	0.23252898	1
Heart_Failure	macrophage	<i>DMGDH</i>	0.004369044	0.004858081	0.23847204	1
Heart_Failure	macrophage	<i>DMTN</i>	0.00617476	0.036654213	0.30391546	1
Heart_Failure	macrophage	<i>DNAL1</i>	0.004642309	0.013080655	0.249917801	1
Heart_Failure	macrophage	<i>DOCK1</i>	0.000975596	0.023782735	0.278471071	1
Heart_Failure	macrophage	<i>DOCK7</i>	0.002295383	0.027153136	0.281713787	1
Heart_Failure	macrophage	<i>DOCK8</i>	-0.000749498	0.000819186	0.226738751	1
Heart_Failure	macrophage	<i>DOK3</i>	-0.00472418	0.002908927	0.23252898	1
Heart_Failure	macrophage	<i>DPYD</i>	-0.000724564	0.020361897	0.271174873	1
Heart_Failure	macrophage	<i>DROSHA</i>	0.002165379	0.015096065	0.251623518	1
Heart_Failure	macrophage	<i>DSP</i>	0.007188189	0.01159082	0.24426949	1
Heart_Failure	macrophage	<i>DTWD1</i>	0.002789833	0.020831382	0.271346642	1
Heart_Failure	macrophage	<i>DTX1</i>	0.006541428	0.00390489	0.23252898	1

Heart_Failure	macrophage	<i>DUOXA1</i>	0.021709268	0.020555927	0.271174873	1
Heart_Failure	macrophage	<i>DYNC2LI1</i>	0.003259746	0.005850201	0.23847204	1
Heart_Failure	macrophage	<i>DYRK3</i>	0.006696291	0.034338346	0.297269383	1
Heart_Failure	macrophage	<i>DYSF</i>	-0.00122375	0.011906024	0.245315465	1
Heart_Failure	macrophage	<i>DZIP1</i>	0.002906933	0.03846071	0.308926349	1
Heart_Failure	macrophage	<i>ECHDC2</i>	0.001692407	0.007728847	0.240887786	1
Heart_Failure	macrophage	<i>ECM2</i>	0.001625971	0.04949115	0.332693656	1
Heart_Failure	macrophage	<i>EFCAB13</i>	0.002571661	0.018236052	0.262821813	1
Heart_Failure	macrophage	<i>EFCAB6</i>	0.005089843	0.010518063	0.24426949	1
Heart_Failure	macrophage	<i>EFEMP1</i>	0.001330039	0.023977055	0.278471071	1
Heart_Failure	macrophage	<i>EFHB</i>	0.004974922	0.039286534	0.311553014	1
Heart_Failure	macrophage	<i>EGFR</i>	0.001283367	0.010087318	0.24426949	1
Heart_Failure	macrophage	<i>ELL</i>	-0.002449881	0.014515321	0.251623518	1
Heart_Failure	macrophage	<i>ELMO3</i>	0.013894438	0.04073956	0.315594157	1
Heart_Failure	macrophage	<i>EMP2</i>	0.002398192	0.035035326	0.299529479	1
Heart_Failure	macrophage	<i>EPB41</i>	-0.001064149	0.018061425	0.261978345	1
Heart_Failure	macrophage	<i>EPB41L4A</i>	0.001024247	0.049764487	0.332693656	1
Heart_Failure	macrophage	<i>EPHB1</i>	-0.000795498	0.010678739	0.24426949	1
Heart_Failure	macrophage	<i>ERCC6</i>	0.002544275	0.020120346	0.271174873	1
Heart_Failure	macrophage	<i>ERGIC2</i>	-0.003458688	0.018859986	0.267050905	1
Heart_Failure	macrophage	<i>ERI2</i>	0.005480698	0.002448924	0.23252898	1
Heart_Failure	macrophage	<i>ETFDH</i>	0.002852917	0.008364014	0.240887786	1
Heart_Failure	macrophage	<i>ETV6</i>	-0.000839465	0.034290456	0.297269383	1
Heart_Failure	macrophage	<i>EXOC1</i>	0.001596954	0.013777797	0.251623518	1
Heart_Failure	macrophage	<i>EXOSC6</i>	0.003904013	0.048312991	0.329795252	1
Heart_Failure	macrophage	<i>EZH1</i>	0.003133919	0.005673983	0.23847204	1
Heart_Failure	macrophage	<i>F2RL1</i>	-0.037883701	0.006306592	0.240887786	1
Heart_Failure	macrophage	<i>FADS2</i>	0.00673737	0.015606103	0.25342954	1
Heart_Failure	macrophage	<i>FAHD1</i>	-0.009161811	0.022351811	0.276551602	1
Heart_Failure	macrophage	<i>FAHD2A</i>	0.005900339	0.046034746	0.323154163	1
Heart_Failure	macrophage	<i>FAM126A</i>	0.001637507	0.02466246	0.27901627	1
Heart_Failure	macrophage	<i>FAM149A</i>	0.005753693	0.031543602	0.294239055	1
Heart_Failure	macrophage	<i>FAM173B</i>	0.005446403	0.034595561	0.297651684	1
Heart_Failure	macrophage	<i>FAM185A</i>	0.003165657	0.044739693	0.32063124	1
Heart_Failure	macrophage	<i>FAM210B</i>	0.005655342	0.046058491	0.323154163	1
Heart_Failure	macrophage	<i>FAM220A</i>	0.014544753	0.015200149	0.251623518	1
Heart_Failure	macrophage	<i>FAM227A</i>	0.012966792	0.017229079	0.258695924	1
Heart_Failure	macrophage	<i>FAM43B</i>	0.024044823	0.035471043	0.299611201	1
Heart_Failure	macrophage	<i>FAM53A</i>	0.012504525	0.023153526	0.276788867	1
Heart_Failure	macrophage	<i>FAM71F2</i>	0.008138462	0.008448967	0.240887786	1
Heart_Failure	macrophage	<i>FASN</i>	0.005773263	0.008486162	0.240887786	1
Heart_Failure	macrophage	<i>FBLN7</i>	0.005584943	0.02683602	0.281713787	1
Heart_Failure	macrophage	<i>FBXO17</i>	0.00483578	0.003789347	0.23252898	1
Heart_Failure	macrophage	<i>FBXO31</i>	0.00563894	0.006866935	0.240887786	1
Heart_Failure	macrophage	<i>FCAR</i>	-0.003813987	0.017985917	0.261517854	1
Heart_Failure	macrophage	<i>FDPS</i>	0.003916699	0.020899603	0.271346642	1
Heart_Failure	macrophage	<i>FEM1B</i>	0.005024176	0.040822268	0.315594157	1
Heart_Failure	macrophage	<i>FGF10</i>	0.00364507	0.023389956	0.276788867	1
Heart_Failure	macrophage	<i>FGFBP3</i>	0.00863291	0.030928117	0.293568448	1
Heart_Failure	macrophage	<i>FGFR1</i>	0.001813884	0.002472496	0.23252898	1
Heart_Failure	macrophage	<i>FGFR4</i>	0.082383735	0.007773803	0.240887786	1
Heart_Failure	macrophage	<i>FHOD3</i>	0.003177373	0.006742907	0.240887786	1

Heart_Failure	macrophage	<i>FIBP</i>	0.006846529	0.010124818	0.24426949	1
Heart_Failure	macrophage	<i>FIGLA</i>	0.041435668	0.020553713	0.271174873	1
Heart_Failure	macrophage	<i>FILIP1</i>	0.001791721	0.013601038	0.251623518	1
Heart_Failure	macrophage	<i>FKBP10</i>	0.004971057	0.031178787	0.293568448	1
Heart_Failure	macrophage	<i>FKTN</i>	0.002265586	0.040544936	0.315594157	1
Heart_Failure	macrophage	<i>FLG</i>	0.010931463	0.027934064	0.284511396	1
Heart_Failure	macrophage	<i>FLRT2</i>	0.001375077	0.003013615	0.23252898	1
Heart_Failure	macrophage	<i>FMO2</i>	0.002052349	0.03547205	0.299611201	1
Heart_Failure	macrophage	<i>FNBP1</i>	-0.000993079	0.015167868	0.251623518	1
Heart_Failure	macrophage	<i>FOXP2</i>	0.001711889	0.00116623	0.23252898	1
Heart_Failure	macrophage	<i>FOXRED1</i>	0.004582697	0.01096337	0.24426949	1
Heart_Failure	macrophage	<i>FPR1</i>	-0.001872499	0.004926277	0.23847204	1
Heart_Failure	macrophage	<i>FRA10AC1</i>	0.002220625	0.043195756	0.316446095	1
Heart_Failure	macrophage	<i>FREMI</i>	0.001389404	0.01892274	0.267050905	1
Heart_Failure	macrophage	<i>FXYP6</i>	0.007689972	0.045075431	0.32063124	1
Heart_Failure	macrophage	<i>G3BP2</i>	0.002154978	0.03356418	0.296715295	1
Heart_Failure	macrophage	<i>G6PC3</i>	0.009730695	0.040921708	0.315594157	1
Heart_Failure	macrophage	<i>GAL3ST2</i>	0.045170205	0.007731059	0.240887786	1
Heart_Failure	macrophage	<i>GAS8</i>	0.010897726	0.001767	0.23252898	1
Heart_Failure	macrophage	<i>GATAD1</i>	0.002329347	0.022820488	0.276788867	1
Heart_Failure	macrophage	<i>GCSH</i>	0.012775036	0.012232933	0.245315465	1
Heart_Failure	macrophage	<i>GDPGP1</i>	0.015657025	0.034708919	0.298017959	1
Heart_Failure	macrophage	<i>GEMIN5</i>	0.004846975	0.027946484	0.284511396	1
Heart_Failure	macrophage	<i>GFMI</i>	0.003187747	0.007090922	0.240887786	1
Heart_Failure	macrophage	<i>GHR</i>	0.000989838	0.014557542	0.251623518	1
Heart_Failure	macrophage	<i>GJA4</i>	0.006215114	0.023085667	0.276788867	1
Heart_Failure	macrophage	<i>GLB1L</i>	0.012257852	0.030869443	0.293568448	1
Heart_Failure	macrophage	<i>GLI2</i>	0.003297195	0.043444493	0.316446095	1
Heart_Failure	macrophage	<i>GLIPR1</i>	-0.003030188	0.001530165	0.23252898	1
Heart_Failure	macrophage	<i>GLIPR1L1</i>	0.006296172	0.003062927	0.23252898	1
Heart_Failure	macrophage	<i>GLOD4</i>	-0.009977113	0.004786873	0.23847204	1
Heart_Failure	macrophage	<i>GLRX</i>	0.001710299	0.022310194	0.276551602	1
Heart_Failure	macrophage	<i>GLT8D1</i>	0.004730708	0.02701613	0.281713787	1
Heart_Failure	macrophage	<i>GNAL</i>	0.0039733	0.011936232	0.245315465	1
Heart_Failure	macrophage	<i>GNB3</i>	0.020771962	0.022843648	0.276788867	1
Heart_Failure	macrophage	<i>GNL3</i>	0.00225626	0.023500559	0.277000666	1
Heart_Failure	macrophage	<i>GNMT</i>	0.035283728	0.036426051	0.303178384	1
Heart_Failure	macrophage	<i>GNPDA2</i>	0.004366302	0.024222687	0.278471071	1
Heart_Failure	macrophage	<i>GOLGA5</i>	0.004298316	0.035689379	0.300305543	1
Heart_Failure	macrophage	<i>GPR180</i>	0.005807671	0.003488968	0.23252898	1
Heart_Failure	macrophage	<i>GPR63</i>	0.007712409	0.037698765	0.306097577	1
Heart_Failure	macrophage	<i>GPRC5B</i>	0.004810789	0.005926738	0.23847204	1
Heart_Failure	macrophage	<i>GPSM1</i>	0.012643065	0.028465108	0.287829928	1
Heart_Failure	macrophage	<i>GPX2</i>	0.00910145	0.02974095	0.291552255	1
Heart_Failure	macrophage	<i>GRAMD1C</i>	-0.003345256	0.019600468	0.270126194	1
Heart_Failure	macrophage	<i>GRB7</i>	0.025050664	0.048817926	0.330766359	1
Heart_Failure	macrophage	<i>GREB1L</i>	0.002544651	0.004709055	0.23847204	1
Heart_Failure	macrophage	<i>GRIN2D</i>	0.009240509	0.012525505	0.247037678	1
Heart_Failure	macrophage	<i>GRM7</i>	0.005327433	0.033776844	0.297198021	1
Heart_Failure	macrophage	<i>GRTP1</i>	0.005641007	0.027064332	0.281713787	1
Heart_Failure	macrophage	<i>GTF2IRD1</i>	0.004393093	0.021974233	0.275766844	1
Heart_Failure	macrophage	<i>GTPBP3</i>	-0.012103462	0.049905241	0.332693656	1

Heart_Failure	macrophage	<i>GULP1</i>	0.001430437	0.047205473	0.32726207	1
Heart_Failure	macrophage	<i>GXYLT2</i>	0.004280578	0.006848936	0.240887786	1
Heart_Failure	macrophage	<i>GYPC</i>	0.002376302	0.016822922	0.257444595	1
Heart_Failure	macrophage	<i>HACE1</i>	0.002260155	0.042314873	0.316446095	1
Heart_Failure	macrophage	<i>HCLS1</i>	-0.002239251	7.68E-05	0.226738751	0.459168431
Heart_Failure	macrophage	<i>HEATR4</i>	0.007021966	0.002692718	0.23252898	1
Heart_Failure	macrophage	<i>HEPACAM</i>	0.005328043	0.021641176	0.275751954	1
Heart_Failure	macrophage	<i>HFMI</i>	0.005045971	0.001497753	0.23252898	1
Heart_Failure	macrophage	<i>HIBADH</i>	0.002575407	0.004230888	0.23847204	1
Heart_Failure	macrophage	<i>HIBCH</i>	0.001794079	0.003512203	0.23252898	1
Heart_Failure	macrophage	<i>HIST1H4E</i>	-0.012100706	0.019451887	0.269816699	1
Heart_Failure	macrophage	<i>HLA-A</i>	-0.000982712	0.012398674	0.247037678	1
Heart_Failure	macrophage	<i>HLA-B</i>	-0.000973036	0.000616073	0.226738751	1
Heart_Failure	macrophage	<i>HLA-C</i>	-0.000868652	0.035355377	0.299611201	1
Heart_Failure	macrophage	<i>HLA-DMA</i>	-0.002384711	0.019734443	0.270126194	1
Heart_Failure	macrophage	<i>HLA-DRB1</i>	-0.000776467	0.037323393	0.305023514	1
Heart_Failure	macrophage	<i>HLA-DRB5</i>	-0.001697141	0.024013256	0.278471071	1
Heart_Failure	macrophage	<i>HLA-E</i>	-0.001482145	0.003885711	0.23252898	1
Heart_Failure	macrophage	<i>HLTF</i>	0.00446303	0.002762477	0.23252898	1
Heart_Failure	macrophage	<i>HOXA6</i>	0.008259609	0.007460509	0.240887786	1
Heart_Failure	macrophage	<i>HOXD3</i>	0.004347004	0.017924167	0.261517854	1
Heart_Failure	macrophage	<i>HRASLS5</i>	0.004839394	0.026645873	0.281713787	1
Heart_Failure	macrophage	<i>HSF2</i>	0.00422696	0.014006603	0.251623518	1
Heart_Failure	macrophage	<i>HSPA12A</i>	0.002631099	0.007976664	0.240887786	1
Heart_Failure	macrophage	<i>ICAM5</i>	0.03666564	0.042671643	0.316446095	1
Heart_Failure	macrophage	<i>ICMT</i>	0.007084478	0.026304607	0.281413157	1
Heart_Failure	macrophage	<i>IFI27L2</i>	0.008506054	0.02921773	0.290524379	1
Heart_Failure	macrophage	<i>IFNAR2</i>	-0.001227654	0.031056809	0.293568448	1
Heart_Failure	macrophage	<i>IFT172</i>	0.004108219	0.011815283	0.245167121	1
Heart_Failure	macrophage	<i>IFT52</i>	0.00395777	0.032597552	0.295217119	1
Heart_Failure	macrophage	<i>IGF2R</i>	-0.000810195	0.012208234	0.245315465	1
Heart_Failure	macrophage	<i>IL16</i>	-0.002390966	0.034390036	0.297269383	1
Heart_Failure	macrophage	<i>IL17RA</i>	-0.001635095	0.014525617	0.251623518	1
Heart_Failure	macrophage	<i>IL22RA1</i>	0.039803184	0.0087986	0.241148646	1
Heart_Failure	macrophage	<i>ING5</i>	0.001830414	0.024165634	0.278471071	1
Heart_Failure	macrophage	<i>INPP4A</i>	-0.001167825	0.023966779	0.278471071	1
Heart_Failure	macrophage	<i>INPP5B</i>	0.002790755	0.020977602	0.271346642	1
Heart_Failure	macrophage	<i>INVS</i>	0.002121692	0.005438142	0.23847204	1
Heart_Failure	macrophage	<i>IQGAP1</i>	-0.001245623	0.00168998	0.23252898	1
Heart_Failure	macrophage	<i>IRF2BPL</i>	0.008667369	0.04990091	0.332693656	1
Heart_Failure	macrophage	<i>IRGM</i>	0.019909209	0.004179083	0.23847204	1
Heart_Failure	macrophage	<i>IRS1</i>	0.002948999	0.025720123	0.281413157	1
Heart_Failure	macrophage	<i>ITGB3</i>	0.012514093	0.041514815	0.316351494	1
Heart_Failure	macrophage	<i>KANK2</i>	0.002159827	0.024770001	0.27901627	1
Heart_Failure	macrophage	<i>KANSL2</i>	0.005302435	0.017147938	0.258126147	1
Heart_Failure	macrophage	<i>KATNAL2</i>	0.003857771	0.023074459	0.276788867	1
Heart_Failure	macrophage	<i>KBTD2</i>	-0.003558395	0.046019105	0.323154163	1
Heart_Failure	macrophage	<i>KCNB2</i>	0.002427533	0.015031059	0.251623518	1
Heart_Failure	macrophage	<i>KCNJ15</i>	-0.000771333	0.010606657	0.24426949	1
Heart_Failure	macrophage	<i>KCNT2</i>	0.003510003	0.020893102	0.271346642	1
Heart_Failure	macrophage	<i>KCTD16</i>	0.009515628	0.008385996	0.240887786	1
Heart_Failure	macrophage	<i>KCTD2</i>	0.004692943	0.013131558	0.249917801	1

Heart_Failure	macrophage	<i>KHDRBS3</i>	0.001626158	0.026148756	0.281413157	1
Heart_Failure	macrophage	<i>KIAA1586</i>	0.003766412	0.026109249	0.281413157	1
Heart_Failure	macrophage	<i>KIF17</i>	0.011597389	0.031474081	0.294239055	1
Heart_Failure	macrophage	<i>KLHL31</i>	0.005062273	0.000695096	0.226738751	1
Heart_Failure	macrophage	<i>LAMA4</i>	0.000936625	0.003407936	0.23252898	1
Heart_Failure	macrophage	<i>LAMB1</i>	0.001732318	0.048232342	0.329795252	1
Heart_Failure	macrophage	<i>LAMB2</i>	0.002716677	0.020262759	0.271174873	1
Heart_Failure	macrophage	<i>LAMB3</i>	0.010630201	0.018447819	0.263637714	1
Heart_Failure	macrophage	<i>LAPTM5</i>	-0.002070946	0.017331725	0.259169452	1
Heart_Failure	macrophage	<i>LARP4</i>	0.002828858	0.026087858	0.281413157	1
Heart_Failure	macrophage	<i>LARP6</i>	0.005381643	0.042974034	0.316446095	1
Heart_Failure	macrophage	<i>LARP7</i>	0.002219426	0.040937278	0.315594157	1
Heart_Failure	macrophage	<i>LCA5L</i>	0.006818161	0.018366785	0.263637714	1
Heart_Failure	macrophage	<i>LCAT</i>	0.007076486	0.00515895	0.23847204	1
Heart_Failure	macrophage	<i>LCP2</i>	-0.001573402	0.000727313	0.226738751	1
Heart_Failure	macrophage	<i>LDHA</i>	0.003402876	0.014885154	0.251623518	1
Heart_Failure	macrophage	<i>LDHC</i>	0.017748458	0.036018139	0.301885553	1
Heart_Failure	macrophage	<i>LIG4</i>	0.007807129	0.010725024	0.24426949	1
Heart_Failure	macrophage	<i>LILRB3</i>	-0.002153018	0.002707374	0.23252898	1
Heart_Failure	macrophage	<i>LIMA1</i>	0.001143385	0.001843866	0.23252898	1
Heart_Failure	macrophage	<i>LINC00472</i>	0.006898362	0.004362318	0.23847204	1
Heart_Failure	macrophage	<i>LINC00648</i>	0.005312853	0.033195891	0.295731017	1
Heart_Failure	macrophage	<i>LINC00662</i>	0.004313462	0.013042599	0.249917801	1
Heart_Failure	macrophage	<i>LINC00665</i>	0.005926462	0.031139441	0.293568448	1
Heart_Failure	macrophage	<i>LINC00839</i>	0.029258573	0.017100084	0.258126147	1
Heart_Failure	macrophage	<i>LINC00847</i>	0.009170827	0.000938887	0.23252898	1
Heart_Failure	macrophage	<i>LINC00969</i>	0.001864219	0.030987113	0.293568448	1
Heart_Failure	macrophage	<i>LINC01117</i>	0.004474881	0.011586226	0.24426949	1
Heart_Failure	macrophage	<i>LIPI</i>	0.011284069	0.00514864	0.23847204	1
Heart_Failure	macrophage	<i>LITAF</i>	-0.000877049	0.011541228	0.24426949	1
Heart_Failure	macrophage	<i>LMO3</i>	0.002090286	0.003338249	0.23252898	1
Heart_Failure	macrophage	<i>LMX1A</i>	0.004144231	0.028799369	0.289339941	1
Heart_Failure	macrophage	<i>LONRF1</i>	0.00287834	0.008636268	0.240887786	1
Heart_Failure	macrophage	<i>LPIN2</i>	-0.002006788	0.043034601	0.316446095	1
Heart_Failure	macrophage	<i>LPL</i>	0.001258313	0.033829762	0.297198021	1
Heart_Failure	macrophage	<i>LRFN5</i>	0.003562809	0.022073911	0.275766844	1
Heart_Failure	macrophage	<i>LRIT3</i>	0.02385369	0.043198984	0.316446095	1
Heart_Failure	macrophage	<i>LRMP</i>	-0.001444924	0.008064445	0.240887786	1
Heart_Failure	macrophage	<i>LRRC25</i>	-0.00484394	0.044932218	0.32063124	1
Heart_Failure	macrophage	<i>LRRC34</i>	0.005595872	0.042689998	0.316446095	1
Heart_Failure	macrophage	<i>LRRC45</i>	0.011438641	0.041820228	0.316351494	1
Heart_Failure	macrophage	<i>LRRC1</i>	0.006263154	0.041488015	0.316351494	1
Heart_Failure	macrophage	<i>LRRK2</i>	-0.000729585	0.005756608	0.23847204	1
Heart_Failure	macrophage	<i>LURAPIL</i>	0.00296481	0.011391211	0.24426949	1
Heart_Failure	macrophage	<i>LUZP1</i>	0.002302296	0.039606182	0.31307744	1
Heart_Failure	macrophage	<i>LYRM4</i>	0.00414591	0.040311859	0.315594157	1
Heart_Failure	macrophage	<i>MAL2</i>	0.009508214	0.005928618	0.23847204	1
Heart_Failure	macrophage	<i>MAP3K5</i>	-0.001440543	0.002085907	0.23252898	1
Heart_Failure	macrophage	<i>MAP9</i>	0.007691842	0.034273334	0.297269383	1
Heart_Failure	macrophage	<i>MAPK8IP2</i>	0.03337581	0.044845326	0.32063124	1
Heart_Failure	macrophage	<i>MASPI</i>	0.01001707	0.030468777	0.293568448	1
Heart_Failure	macrophage	<i>MASTL</i>	0.005071125	0.042402007	0.316446095	1

Heart_Failure	macrophage	<i>MBNL1</i>	-0.000630105	0.025053192	0.279324396	1
Heart_Failure	macrophage	<i>MCTP1</i>	-0.000520832	0.042070877	0.316446095	1
Heart_Failure	macrophage	<i>MCUR1</i>	0.00584678	0.02085742	0.271346642	1
Heart_Failure	macrophage	<i>MDH1B</i>	0.024522542	0.030970704	0.293568448	1
Heart_Failure	macrophage	<i>ME3</i>	0.005341279	0.000489167	0.226738751	1
Heart_Failure	macrophage	<i>MED6</i>	0.004475657	0.013977928	0.251623518	1
Heart_Failure	macrophage	<i>MEDAG</i>	0.002636172	0.00985145	0.24426949	1
Heart_Failure	macrophage	<i>MEGF9</i>	-0.001031528	0.010955689	0.24426949	1
Heart_Failure	macrophage	<i>MEIOB</i>	0.016134822	0.019342916	0.269816699	1
Heart_Failure	macrophage	<i>METAP1D</i>	0.004183928	0.007711934	0.240887786	1
Heart_Failure	macrophage	<i>METTL4</i>	-0.002982031	0.039887331	0.314467928	1
Heart_Failure	macrophage	<i>MFAP3</i>	0.00367775	0.018251515	0.262821813	1
Heart_Failure	macrophage	<i>MGST3</i>	0.001765264	0.043822877	0.318208402	1
Heart_Failure	macrophage	<i>MIF</i>	0.015168176	0.005945839	0.23847204	1
Heart_Failure	macrophage	<i>MIIP</i>	0.007834708	0.042603124	0.316446095	1
Heart_Failure	macrophage	<i>MIPOL1</i>	0.002334863	0.008447599	0.240887786	1
Heart_Failure	macrophage	<i>MKS1</i>	0.006289599	0.04562581	0.322674368	1
Heart_Failure	macrophage	<i>MLF2</i>	0.007110651	0.016430388	0.257444595	1
Heart_Failure	macrophage	<i>MLH1</i>	0.003682885	0.04084405	0.315594157	1
Heart_Failure	macrophage	<i>MLKL</i>	-0.002501057	0.033936142	0.297198021	1
Heart_Failure	macrophage	<i>MMAB</i>	0.005022907	0.042181494	0.316446095	1
Heart_Failure	macrophage	<i>MMP16</i>	0.002356607	0.010197513	0.24426949	1
Heart_Failure	macrophage	<i>MMP25</i>	-0.002449131	0.019256874	0.269746701	1
Heart_Failure	macrophage	<i>MNAT1</i>	0.001989267	0.010378609	0.24426949	1
Heart_Failure	macrophage	<i>MRAS</i>	0.004543121	0.004412971	0.23847204	1
Heart_Failure	macrophage	<i>MRGPRF</i>	0.005897351	0.026663038	0.281713787	1
Heart_Failure	macrophage	<i>MRPL19</i>	0.003098694	0.013100131	0.249917801	1
Heart_Failure	macrophage	<i>MRPL32</i>	0.004194508	0.040956725	0.315594157	1
Heart_Failure	macrophage	<i>MRPL37</i>	0.0081261	0.043474271	0.316446095	1
Heart_Failure	macrophage	<i>MRPL38</i>	0.015875156	0.033643777	0.296979632	1
Heart_Failure	macrophage	<i>MRPS26</i>	0.005571057	0.016930342	0.257444595	1
Heart_Failure	macrophage	<i>MSH6</i>	0.002002686	0.040501772	0.315594157	1
Heart_Failure	macrophage	<i>MST1</i>	0.015786461	0.037413359	0.305023514	1
Heart_Failure	macrophage	<i>MT1X</i>	0.005523243	0.029685162	0.291552255	1
Heart_Failure	macrophage	<i>MTG2</i>	0.004521414	0.028068857	0.285271245	1
Heart_Failure	macrophage	<i>MTHFSD</i>	0.004729382	0.030205474	0.293032325	1
Heart_Failure	macrophage	<i>MTMR3</i>	-0.0013449	0.048069552	0.329795252	1
Heart_Failure	macrophage	<i>MTR</i>	0.001642729	0.037341453	0.305023514	1
Heart_Failure	macrophage	<i>MTUS1</i>	0.001698057	0.024932177	0.27901627	1
Heart_Failure	macrophage	<i>MUC1</i>	0.024774106	0.027397052	0.283260874	1
Heart_Failure	macrophage	<i>MX2</i>	-0.001368156	0.010606582	0.24426949	1
Heart_Failure	macrophage	<i>MXRA7</i>	0.006001081	0.013000417	0.249917801	1
Heart_Failure	macrophage	<i>MYEOV</i>	0.005670934	0.028856527	0.289339941	1
Heart_Failure	macrophage	<i>MYL12A</i>	-0.002977464	0.043085852	0.316446095	1
Heart_Failure	macrophage	<i>MYO1F</i>	-0.000690542	0.00133801	0.23252898	1
Heart_Failure	macrophage	<i>MYO5B</i>	0.007256024	0.017138662	0.258126147	1
Heart_Failure	macrophage	<i>MYO6</i>	0.001885021	0.029382077	0.291552255	1
Heart_Failure	macrophage	<i>MYO7B</i>	0.008231293	0.012612586	0.247936889	1
Heart_Failure	macrophage	<i>MYO9A</i>	0.00111661	0.022198685	0.276373624	1
Heart_Failure	macrophage	<i>N6AMT1</i>	0.009096086	0.021964792	0.275766844	1
Heart_Failure	macrophage	<i>NAALAD2</i>	0.003496868	0.023946607	0.278471071	1
Heart_Failure	macrophage	<i>NALCN</i>	0.002909573	0.037631657	0.305968407	1

Heart_Failure	macrophage	<i>NBEAL1</i>	0.000982356	0.01485977	0.251623518	1
Heart_Failure	macrophage	<i>NBPF9</i>	0.009716812	0.01779268	0.261517854	1
Heart_Failure	macrophage	<i>NCKAP1</i>	0.001259158	0.031647748	0.294239055	1
Heart_Failure	macrophage	<i>NDNF</i>	0.006432026	0.020954211	0.271346642	1
Heart_Failure	macrophage	<i>NDUFB10</i>	0.005355012	0.007136894	0.240887786	1
Heart_Failure	macrophage	<i>NDUFS6</i>	0.003009159	0.039245836	0.311553014	1
Heart_Failure	macrophage	<i>NDUFV3</i>	0.003242561	0.012766043	0.248501208	1
Heart_Failure	macrophage	<i>NEAT1</i>	-0.000311776	0.049918298	0.332693656	1
Heart_Failure	macrophage	<i>NEIL2</i>	0.011828016	0.006808109	0.240887786	1
Heart_Failure	macrophage	<i>NEK11</i>	0.002419173	0.043316765	0.316446095	1
Heart_Failure	macrophage	<i>NEXN</i>	0.002031596	0.032674557	0.295217119	1
Heart_Failure	macrophage	<i>NFIA</i>	0.000936071	0.002773913	0.23252898	1
Heart_Failure	macrophage	<i>NFIX</i>	0.00297932	0.013530284	0.251623518	1
Heart_Failure	macrophage	<i>NFKBIL1</i>	0.006811009	0.037134544	0.305023514	1
Heart_Failure	macrophage	<i>NINL</i>	0.004388148	0.008747248	0.240891945	1
Heart_Failure	macrophage	<i>NIPAL2</i>	0.002490582	0.030618451	0.293568448	1
Heart_Failure	macrophage	<i>NME1-NME2</i>	0.030347967	0.035888202	0.301218954	1
Heart_Failure	macrophage	<i>NME5</i>	0.009422344	0.048404654	0.329795252	1
Heart_Failure	macrophage	<i>NOD1</i>	0.001249661	0.040197843	0.315594157	1
Heart_Failure	macrophage	<i>NOL9</i>	0.004469537	0.040455297	0.315594157	1
Heart_Failure	macrophage	<i>NOM1</i>	0.002397721	0.04261222	0.316446095	1
Heart_Failure	macrophage	<i>NR1H3</i>	0.005236145	0.00071087	0.226738751	1
Heart_Failure	macrophage	<i>NR2F6</i>	0.010749531	0.014909874	0.251623518	1
Heart_Failure	macrophage	<i>NSMCE4A</i>	0.003871482	0.009733005	0.24426949	1
Heart_Failure	macrophage	<i>NT5C2</i>	-0.001151352	0.031243228	0.293568448	1
Heart_Failure	macrophage	<i>NT5DC2</i>	0.016717738	0.022638619	0.276663364	1
Heart_Failure	macrophage	<i>NT5DC3</i>	0.005073467	0.007839497	0.240887786	1
Heart_Failure	macrophage	<i>NT5E</i>	0.004229571	0.004355768	0.23847204	1
Heart_Failure	macrophage	<i>NUDT2</i>	0.004723615	0.04509989	0.32063124	1
Heart_Failure	macrophage	<i>NUDT7</i>	0.009833993	0.005854725	0.23847204	1
Heart_Failure	macrophage	<i>NYAP1</i>	0.012253589	0.046638127	0.326121444	1
Heart_Failure	macrophage	<i>OCEL1</i>	0.008039697	0.045774518	0.322961656	1
Heart_Failure	macrophage	<i>OGFRL1</i>	-0.002101785	0.031822011	0.294239055	1
Heart_Failure	macrophage	<i>OLFM2</i>	0.005986077	0.009373141	0.24426949	1
Heart_Failure	macrophage	<i>OPN1SW</i>	0.012226067	0.037156843	0.305023514	1
Heart_Failure	macrophage	<i>OSBPL6</i>	0.003662895	0.048043935	0.329795252	1
Heart_Failure	macrophage	<i>OSCAR</i>	-0.003408554	0.042197181	0.316446095	1
Heart_Failure	macrophage	<i>OSCP1</i>	0.006912889	0.020904591	0.271346642	1
Heart_Failure	macrophage	<i>OXR1</i>	0.002015753	0.005431084	0.23847204	1
Heart_Failure	macrophage	<i>PADI4</i>	-0.002175076	0.022832087	0.276788867	1
Heart_Failure	macrophage	<i>PALM2</i>	0.006971827	0.005037654	0.23847204	1
Heart_Failure	macrophage	<i>PARD3</i>	0.000583275	0.041546686	0.316351494	1
Heart_Failure	macrophage	<i>PARP8</i>	-0.000949266	0.002355477	0.23252898	1
Heart_Failure	macrophage	<i>PBX1</i>	0.000959309	0.003639369	0.23252898	1
Heart_Failure	macrophage	<i>PCDH9</i>	0.001164158	0.031796101	0.294239055	1
Heart_Failure	macrophage	<i>PCDHAC1</i>	0.013754528	0.017868867	0.261517854	1
Heart_Failure	macrophage	<i>PCDHB10</i>	0.024968996	0.048044578	0.329795252	1
Heart_Failure	macrophage	<i>PCDHB14</i>	0.009257592	0.041816822	0.316351494	1
Heart_Failure	macrophage	<i>PCDHB16</i>	0.010836198	0.008639079	0.240887786	1
Heart_Failure	macrophage	<i>PCDHB9</i>	0.021357236	0.026058405	0.281413157	1
Heart_Failure	macrophage	<i>PCDHGA1</i>	0.023914767	0.026183938	0.281413157	1
Heart_Failure	macrophage	<i>PCOLCE2</i>	0.001362116	0.005746291	0.23847204	1

Heart_Failure	macrophage	<i>PDE1C</i>	0.001789497	0.027899259	0.284511396	1
Heart_Failure	macrophage	<i>PDE6C</i>	0.008077827	0.04104747	0.315701008	1
Heart_Failure	macrophage	<i>PDE8A</i>	0.001521572	0.022410486	0.276594727	1
Heart_Failure	macrophage	<i>PDE8B</i>	0.004727884	0.003722138	0.23252898	1
Heart_Failure	macrophage	<i>PKD2</i>	0.007590231	0.026288162	0.281413157	1
Heart_Failure	macrophage	<i>PEPD</i>	0.002760867	0.025804427	0.281413157	1
Heart_Failure	macrophage	<i>PEX10</i>	0.004533692	0.020358499	0.271174873	1
Heart_Failure	macrophage	<i>PFDN1</i>	0.002311051	0.021250661	0.27310527	1
Heart_Failure	macrophage	<i>PHLDB1</i>	0.002195907	0.001424946	0.23252898	1
Heart_Failure	macrophage	<i>PI4KA</i>	0.001443744	0.030929091	0.293568448	1
Heart_Failure	macrophage	<i>PLAS1</i>	-0.001217414	0.002422505	0.23252898	1
Heart_Failure	macrophage	<i>PIGF</i>	0.003595167	0.028682861	0.289339941	1
Heart_Failure	macrophage	<i>PIGZ</i>	0.003589808	0.02307606	0.276788867	1
Heart_Failure	macrophage	<i>PILRA</i>	-0.001545166	0.01546676	0.253124933	1
Heart_Failure	macrophage	<i>PINLYP</i>	0.006599076	0.045044043	0.32063124	1
Heart_Failure	macrophage	<i>PKD1</i>	0.003438276	0.046822657	0.326121444	1
Heart_Failure	macrophage	<i>PLA2R1</i>	0.004378701	0.000514383	0.226738751	1
Heart_Failure	macrophage	<i>PLAC9</i>	0.001286485	0.031338723	0.294003467	1
Heart_Failure	macrophage	<i>PLBD2</i>	0.004609496	0.049128647	0.331743273	1
Heart_Failure	macrophage	<i>PLCE1</i>	0.001480193	0.015771242	0.253466358	1
Heart_Failure	macrophage	<i>PLD1</i>	0.001648501	0.022494149	0.276594727	1
Heart_Failure	macrophage	<i>PLEKHA6</i>	0.004673073	0.038056017	0.307105132	1
Heart_Failure	macrophage	<i>PLEKHH1</i>	0.012451062	0.001378211	0.23252898	1
Heart_Failure	macrophage	<i>PLEKHH2</i>	0.002015375	0.01743409	0.259169452	1
Heart_Failure	macrophage	<i>PLSCR4</i>	0.001264926	0.012218602	0.245315465	1
Heart_Failure	macrophage	<i>PM20D2</i>	0.003427498	0.049548111	0.332693656	1
Heart_Failure	macrophage	<i>PMS2</i>	-0.005649543	0.044097201	0.31875104	1
Heart_Failure	macrophage	<i>PNPO</i>	0.016438775	0.018947387	0.267050905	1
Heart_Failure	macrophage	<i>POGZ</i>	0.001896899	0.026903742	0.281713787	1
Heart_Failure	macrophage	<i>POLR2J3</i>	0.006158322	0.029997546	0.292003757	1
Heart_Failure	macrophage	<i>POLR3G</i>	0.006069563	0.011046629	0.24426949	1
Heart_Failure	macrophage	<i>PPCDC</i>	-0.001066517	0.026220891	0.281413157	1
Heart_Failure	macrophage	<i>PPFIA1</i>	0.002153138	0.034888976	0.298705617	1
Heart_Failure	macrophage	<i>PPFIA2</i>	0.001283083	0.036857349	0.305023514	1
Heart_Failure	macrophage	<i>PPME1</i>	0.003170863	0.001759069	0.23252898	1
Heart_Failure	macrophage	<i>PPP1R14A</i>	0.003611607	0.045122301	0.32063124	1
Heart_Failure	macrophage	<i>PPP1R9A</i>	0.001804607	0.005331491	0.23847204	1
Heart_Failure	macrophage	<i>PPP2R1B</i>	0.001923204	0.013513886	0.251623518	1
Heart_Failure	macrophage	<i>PPP3R1</i>	0.008073136	0.005325512	0.23847204	1
Heart_Failure	macrophage	<i>PPT1</i>	-0.004717773	0.007591788	0.240887786	1
Heart_Failure	macrophage	<i>PREB</i>	0.0060216	0.044252747	0.31875104	1
Heart_Failure	macrophage	<i>PRICKLE1</i>	0.002158519	0.003214153	0.23252898	1
Heart_Failure	macrophage	<i>PRIMPOL</i>	0.002681	0.04023521	0.315594157	1
Heart_Failure	macrophage	<i>PRKD2</i>	-0.002433585	0.006053501	0.240887786	1
Heart_Failure	macrophage	<i>PRMT7</i>	0.004468774	0.020223914	0.271174873	1
Heart_Failure	macrophage	<i>PRPF19</i>	0.00783959	0.018236989	0.262821813	1
Heart_Failure	macrophage	<i>PRPF4</i>	0.004025658	0.038182583	0.307105132	1
Heart_Failure	macrophage	<i>PRRT1</i>	0.016320686	0.00690524	0.240887786	1
Heart_Failure	macrophage	<i>PRSS23</i>	0.001389921	0.001098817	0.23252898	1
Heart_Failure	macrophage	<i>PRTG</i>	0.006437103	0.010820078	0.24426949	1
Heart_Failure	macrophage	<i>PSORS1C1</i>	0.011064978	0.004942776	0.23847204	1
Heart_Failure	macrophage	<i>PSORS1C2</i>	0.004168667	0.046676045	0.326121444	1

Heart_Failure	macrophage	<i>PSTPIP1</i>	-0.003357965	0.012517707	0.247037678	1
Heart_Failure	macrophage	<i>PTAFR</i>	-0.004460663	0.01142307	0.24426949	1
Heart_Failure	macrophage	<i>PTDSS2</i>	0.003876774	0.041707359	0.316351494	1
Heart_Failure	macrophage	<i>PTGR1</i>	0.003427518	0.019693134	0.270126194	1
Heart_Failure	macrophage	<i>PTK2</i>	0.000851896	0.015020762	0.251623518	1
Heart_Failure	macrophage	<i>PTPN14</i>	0.001373536	0.016119525	0.256197561	1
Heart_Failure	macrophage	<i>PTPRJ</i>	-0.000969757	0.000577366	0.226738751	1
Heart_Failure	macrophage	<i>PTPRS</i>	0.00160805	0.009007663	0.244206979	1
Heart_Failure	macrophage	<i>PWP2</i>	0.025519528	0.029421097	0.291552255	1
Heart_Failure	macrophage	<i>PWRN1</i>	0.010939992	0.013620313	0.251623518	1
Heart_Failure	macrophage	<i>QDPR</i>	0.00570813	0.023573487	0.277313303	1
Heart_Failure	macrophage	<i>RAB2A</i>	-0.002185863	0.012156048	0.245315465	1
Heart_Failure	macrophage	<i>RABL2A</i>	0.005505678	0.03870957	0.310091677	1
Heart_Failure	macrophage	<i>RABL2B</i>	0.004284252	0.020324612	0.271174873	1
Heart_Failure	macrophage	<i>RAD9A</i>	0.003033194	0.031912602	0.294239055	1
Heart_Failure	macrophage	<i>RADIL</i>	0.002187342	0.040972177	0.315594157	1
Heart_Failure	macrophage	<i>RAI14</i>	0.001879448	0.045623369	0.322674368	1
Heart_Failure	macrophage	<i>RALB</i>	-0.003154592	0.042812831	0.316446095	1
Heart_Failure	macrophage	<i>RAMP2-AS1</i>	0.006720346	0.003366955	0.23252898	1
Heart_Failure	macrophage	<i>RAPGEF4</i>	0.001604556	0.026870539	0.281713787	1
Heart_Failure	macrophage	<i>RAPGEF6</i>	0.004510627	0.043079288	0.316446095	1
Heart_Failure	macrophage	<i>RBBP9</i>	0.012648544	0.027795952	0.284511396	1
Heart_Failure	macrophage	<i>RBM20</i>	0.006584594	0.028817019	0.289339941	1
Heart_Failure	macrophage	<i>RBM28</i>	0.003933975	0.005570804	0.23847204	1
Heart_Failure	macrophage	<i>RCAN3</i>	-0.002352193	0.024502906	0.27894114	1
Heart_Failure	macrophage	<i>RCN1</i>	0.003815866	0.010192974	0.24426949	1
Heart_Failure	macrophage	<i>RCSD1</i>	-0.000880894	0.027078429	0.281713787	1
Heart_Failure	macrophage	<i>RCVRN</i>	0.02940404	0.048315958	0.329795252	1
Heart_Failure	macrophage	<i>RDH10</i>	0.007032154	0.015572469	0.25342954	1
Heart_Failure	macrophage	<i>RDH13</i>	0.00575275	0.037852052	0.306925187	1
Heart_Failure	macrophage	<i>RECQL5</i>	0.007795759	0.023271146	0.276788867	1
Heart_Failure	macrophage	<i>RELL1</i>	-0.001923148	0.0329236	0.295410929	1
Heart_Failure	macrophage	<i>RFWD2</i>	-0.001292222	4.42E-05	0.226738751	0.264382762
Heart_Failure	macrophage	<i>RGS17</i>	0.003291693	0.043289512	0.316446095	1
Heart_Failure	macrophage	<i>RGS2</i>	-0.001828656	0.010007186	0.24426949	1
Heart_Failure	macrophage	<i>RHBDL1</i>	0.019502419	0.033139377	0.295731017	1
Heart_Failure	macrophage	<i>RHOBTB3</i>	0.001235757	0.009363348	0.24426949	1
Heart_Failure	macrophage	<i>RHOD</i>	0.011226228	0.027084153	0.281713787	1
Heart_Failure	macrophage	<i>RILPL2</i>	-0.00232977	0.026645405	0.281713787	1
Heart_Failure	macrophage	<i>RIMKLB</i>	0.002913459	0.014645217	0.251623518	1
Heart_Failure	macrophage	<i>RIMS1</i>	0.011174394	0.04179069	0.316351494	1
Heart_Failure	macrophage	<i>RING1</i>	0.006325569	0.027132449	0.281713787	1
Heart_Failure	macrophage	<i>RIOK1</i>	0.003550362	0.043438441	0.316446095	1
Heart_Failure	macrophage	<i>RNASE1</i>	-0.001516223	0.010653658	0.24426949	1
Heart_Failure	macrophage	<i>RNF130</i>	-0.00088491	0.025312625	0.27986596	1
Heart_Failure	macrophage	<i>RNF149</i>	-0.000764607	0.002299177	0.23252898	1
Heart_Failure	macrophage	<i>RNF152</i>	0.001936338	0.034204189	0.297269383	1
Heart_Failure	macrophage	<i>RNF24</i>	-0.00056485	0.016520467	0.257444595	1
Heart_Failure	macrophage	<i>RPP40</i>	0.012673319	0.038161244	0.307105132	1
Heart_Failure	macrophage	<i>RPS11</i>	-0.001582924	0.027219257	0.281910364	1
Heart_Failure	macrophage	<i>RRN3</i>	0.006048889	0.024864619	0.27901627	1
Heart_Failure	macrophage	<i>RUFY2</i>	0.002542403	0.017404756	0.259169452	1

Heart_Failure	macrophage	<i>RUFY3</i>	0.001632676	0.031200242	0.293568448	1
Heart_Failure	macrophage	<i>RYK</i>	0.002242004	0.04466438	0.32063124	1
Heart_Failure	macrophage	<i>S100A16</i>	0.00517231	0.04792396	0.329795252	1
Heart_Failure	macrophage	<i>S100A3</i>	0.04728961	0.032936847	0.295410929	1
Heart_Failure	macrophage	<i>S100A8</i>	-0.002562533	0.013966991	0.251623518	1
Heart_Failure	macrophage	<i>S100A9</i>	-0.00157982	0.016883258	0.257444595	1
Heart_Failure	macrophage	<i>S100B</i>	0.003914836	0.035496106	0.299611201	1
Heart_Failure	macrophage	<i>SAMD9</i>	-0.002773282	0.041705794	0.316351494	1
Heart_Failure	macrophage	<i>SAP130</i>	-0.003402883	0.047580172	0.329057943	1
Heart_Failure	macrophage	<i>SAP25</i>	0.00447436	0.03649193	0.303304277	1
Heart_Failure	macrophage	<i>SAR1A</i>	0.00238108	0.048629981	0.330241778	1
Heart_Failure	macrophage	<i>SCCPDH</i>	0.006683153	0.008045268	0.240887786	1
Heart_Failure	macrophage	<i>SCRN2</i>	0.004401014	0.038911897	0.310713054	1
Heart_Failure	macrophage	<i>SCTR</i>	0.004181743	0.035433971	0.299611201	1
Heart_Failure	macrophage	<i>SDK1</i>	0.000792694	0.036941317	0.305023514	1
Heart_Failure	macrophage	<i>SEC14L1</i>	-0.000951205	0.048362789	0.329795252	1
Heart_Failure	macrophage	<i>SELENBP1</i>	0.004623707	0.007097321	0.240887786	1
Heart_Failure	macrophage	<i>SEMA4D</i>	-0.001664463	0.00087073	0.226738751	1
Heart_Failure	macrophage	<i>Sep-10</i>	0.003590031	0.006484625	0.240887786	1
Heart_Failure	macrophage	<i>SERPINF1</i>	0.001754116	0.030503056	0.293568448	1
Heart_Failure	macrophage	<i>SETD9</i>	0.005472963	0.046930161	0.326160363	1
Heart_Failure	macrophage	<i>SFXN2</i>	0.006269533	0.033264195	0.295731017	1
Heart_Failure	macrophage	<i>SGCE</i>	0.003465877	0.011664913	0.24426949	1
Heart_Failure	macrophage	<i>SGIP1</i>	0.001672085	0.042987184	0.316446095	1
Heart_Failure	macrophage	<i>SH3BGR</i>	0.01271434	0.009031081	0.244206979	1
Heart_Failure	macrophage	<i>SH3BGR2</i>	0.00295047	0.037318651	0.305023514	1
Heart_Failure	macrophage	<i>SH3D19</i>	0.001211729	0.000575106	0.226738751	1
Heart_Failure	macrophage	<i>SHC2</i>	0.008050248	0.005278436	0.23847204	1
Heart_Failure	macrophage	<i>SHMT1</i>	0.003465979	0.020692669	0.271346642	1
Heart_Failure	macrophage	<i>SIRPB2</i>	-0.003053401	0.016795777	0.257444595	1
Heart_Failure	macrophage	<i>SLC1A1</i>	0.004737138	0.01156983	0.24426949	1
Heart_Failure	macrophage	<i>SLC1A5</i>	0.00774451	0.01949996	0.269816699	1
Heart_Failure	macrophage	<i>SLC22A17</i>	0.01039959	0.036375927	0.303178384	1
Heart_Failure	macrophage	<i>SLC25A18</i>	0.0066105	0.030935187	0.293568448	1
Heart_Failure	macrophage	<i>SLC25A27</i>	0.004240874	0.000145391	0.226738751	0.868857718
Heart_Failure	macrophage	<i>SLC26A7</i>	0.004540432	0.034053131	0.297269383	1
Heart_Failure	macrophage	<i>SLC2A10</i>	0.008313506	0.009371335	0.24426949	1
Heart_Failure	macrophage	<i>SLC37A4</i>	0.006813655	0.032300014	0.295217119	1
Heart_Failure	macrophage	<i>SLC44A2</i>	-0.002036569	0.030776704	0.293568448	1
Heart_Failure	macrophage	<i>SLC5A9</i>	0.008014492	0.020440485	0.271174873	1
Heart_Failure	macrophage	<i>SLCO3A1</i>	-0.000752084	0.007707809	0.240887786	1
Heart_Failure	macrophage	<i>SMCHD1</i>	-0.00072054	0.000339537	0.226738751	1
Heart_Failure	macrophage	<i>SMPD2</i>	0.011012212	0.033966909	0.297198021	1
Heart_Failure	macrophage	<i>SMYD4</i>	0.003465534	0.014328319	0.251623518	1
Heart_Failure	macrophage	<i>SNHG18</i>	0.016046919	0.001305676	0.23252898	1
Heart_Failure	macrophage	<i>SNHG9</i>	0.005154462	0.010792295	0.24426949	1
Heart_Failure	macrophage	<i>SNTB2</i>	0.001933038	0.020302403	0.271174873	1
Heart_Failure	macrophage	<i>SNTG2</i>	0.000953788	0.021142001	0.272294397	1
Heart_Failure	macrophage	<i>SNX32</i>	0.006951899	0.014014566	0.251623518	1
Heart_Failure	macrophage	<i>SNX33</i>	0.008279876	0.016651981	0.257444595	1
Heart_Failure	macrophage	<i>SOAT2</i>	0.016591229	0.029789687	0.291552255	1
Heart_Failure	macrophage	<i>SP100</i>	-0.001126322	0.010404257	0.24426949	1

Heart_Failure	macrophage	<i>SPAG17</i>	0.003864289	0.014535329	0.251623518	1
Heart_Failure	macrophage	<i>SPATA22</i>	0.003810627	0.001210668	0.23252898	1
Heart_Failure	macrophage	<i>SPICE1</i>	0.00266312	0.032468138	0.295217119	1
Heart_Failure	macrophage	<i>SPTBN1</i>	0.000883996	0.002790033	0.23252898	1
Heart_Failure	macrophage	<i>SRD5A3</i>	0.007670433	0.032430355	0.295217119	1
Heart_Failure	macrophage	<i>SRGAP1</i>	0.001852238	0.007852256	0.240887786	1
Heart_Failure	macrophage	<i>SRGAP3</i>	0.002784359	0.025243106	0.27986596	1
Heart_Failure	macrophage	<i>SRP14-AS1</i>	0.00554137	0.013503847	0.251623518	1
Heart_Failure	macrophage	<i>SRPK2</i>	-0.000562537	0.024750154	0.27901627	1
Heart_Failure	macrophage	<i>STARD9</i>	0.001413527	0.010830765	0.24426949	1
Heart_Failure	macrophage	<i>STEAP2</i>	0.004698966	0.02698048	0.281713787	1
Heart_Failure	macrophage	<i>STK17B</i>	-0.001155788	0.004716425	0.23847204	1
Heart_Failure	macrophage	<i>STK32A</i>	0.007219478	0.027662544	0.284040146	1
Heart_Failure	macrophage	<i>STOX1</i>	0.004377079	0.018526686	0.263637714	1
Heart_Failure	macrophage	<i>STXBP4</i>	0.00291599	0.034346541	0.297269383	1
Heart_Failure	macrophage	<i>SULF1</i>	0.00187942	0.009531956	0.24426949	1
Heart_Failure	macrophage	<i>SULT1C2</i>	0.019304791	0.003218391	0.23252898	1
Heart_Failure	macrophage	<i>SULT1C4</i>	0.005950384	0.010861417	0.24426949	1
Heart_Failure	macrophage	<i>SUN1</i>	0.001653237	0.025025935	0.279324396	1
Heart_Failure	macrophage	<i>SV2A</i>	0.019251888	0.008547924	0.240887786	1
Heart_Failure	macrophage	<i>SYK</i>	-0.000669637	0.025382756	0.27986596	1
Heart_Failure	macrophage	<i>SYPL2</i>	0.013173999	0.003929958	0.23252898	1
Heart_Failure	macrophage	<i>TACC2</i>	0.002816348	0.011124503	0.24426949	1
Heart_Failure	macrophage	<i>TACC3</i>	-0.005215616	0.026181938	0.281413157	1
Heart_Failure	macrophage	<i>TAF1C</i>	0.005606558	0.014458861	0.251623518	1
Heart_Failure	macrophage	<i>TANGO2</i>	-0.004900663	0.023929219	0.278471071	1
Heart_Failure	macrophage	<i>TAOK2</i>	0.007439786	0.008706787	0.240887786	1
Heart_Failure	macrophage	<i>TAS2R4</i>	0.011995985	0.025516602	0.280307377	1
Heart_Failure	macrophage	<i>TAS2R43</i>	0.032976961	0.011333205	0.24426949	1
Heart_Failure	macrophage	<i>TBC1D22A</i>	-0.001331468	0.002741494	0.23252898	1
Heart_Failure	macrophage	<i>TCAIM</i>	0.002650757	0.029593266	0.291552255	1
Heart_Failure	macrophage	<i>TCTEX1D2</i>	0.022447454	0.022053575	0.275766844	1
Heart_Failure	macrophage	<i>TDRP</i>	0.004082461	0.011684037	0.24426949	1
Heart_Failure	macrophage	<i>TEF</i>	0.007223748	0.00649644	0.240887786	1
Heart_Failure	macrophage	<i>TEX14</i>	0.003646762	0.028294613	0.287077436	1
Heart_Failure	macrophage	<i>TFEB</i>	-0.003256052	0.006772634	0.240887786	1
Heart_Failure	macrophage	<i>TGFB1I1</i>	0.006881569	0.016693241	0.257444595	1
Heart_Failure	macrophage	<i>THAP4</i>	0.00571118	0.037281456	0.305023514	1
Heart_Failure	macrophage	<i>THEM6</i>	0.019351146	0.004706983	0.23847204	1
Heart_Failure	macrophage	<i>THOC3</i>	-0.005465395	0.026307449	0.281413157	1
Heart_Failure	macrophage	<i>TICRR</i>	0.029060209	0.009560847	0.24426949	1
Heart_Failure	macrophage	<i>TIMM22</i>	0.007754231	0.006427629	0.240887786	1
Heart_Failure	macrophage	<i>TIMM44</i>	0.003503895	0.00924476	0.24426949	1
Heart_Failure	macrophage	<i>TIPIN</i>	0.007010448	0.002782062	0.23252898	1
Heart_Failure	macrophage	<i>TK2</i>	0.006162711	0.000872656	0.226738751	1
Heart_Failure	macrophage	<i>TLCD2</i>	0.006887512	0.031013188	0.293568448	1
Heart_Failure	macrophage	<i>TLN2</i>	0.001403222	0.003791314	0.23252898	1
Heart_Failure	macrophage	<i>TMCC3</i>	-0.002333381	0.024083104	0.278471071	1
Heart_Failure	macrophage	<i>TMCO6</i>	0.006393631	0.017103989	0.258126147	1
Heart_Failure	macrophage	<i>TMEM127</i>	-0.004850116	0.03330438	0.295731017	1
Heart_Failure	macrophage	<i>TMEM161A</i>	0.008439497	0.025305921	0.27986596	1
Heart_Failure	macrophage	<i>TMEM201</i>	0.01336071	0.047952263	0.329795252	1

Heart_Failure	macrophage	<i>TMEM220</i>	0.00234514	0.042939677	0.316446095	1
Heart_Failure	macrophage	<i>TMEM221</i>	0.027176905	0.047050966	0.326569771	1
Heart_Failure	macrophage	<i>TMEM223</i>	0.006986533	0.016185719	0.256567261	1
Heart_Failure	macrophage	<i>TMEM232</i>	0.005724288	0.011236327	0.24426949	1
Heart_Failure	macrophage	<i>TMEM241</i>	0.003062912	0.000772907	0.226738751	1
Heart_Failure	macrophage	<i>TMEM74B</i>	0.008691108	0.008321131	0.240887786	1
Heart_Failure	macrophage	<i>TMEM98</i>	0.006220996	0.01443274	0.251623518	1
Heart_Failure	macrophage	<i>TMEM99</i>	0.008811057	0.048331957	0.329795252	1
Heart_Failure	macrophage	<i>TNFRSF10C</i>	-0.001751567	0.011070148	0.24426949	1
Heart_Failure	macrophage	<i>TNFSF10</i>	-0.001896984	0.02632362	0.281413157	1
Heart_Failure	macrophage	<i>TOMM40</i>	0.004515435	0.027574629	0.283947264	1
Heart_Failure	macrophage	<i>TOP3A</i>	0.003347925	0.019894188	0.271174873	1
Heart_Failure	macrophage	<i>TOR3A</i>	0.004731474	0.014864859	0.251623518	1
Heart_Failure	macrophage	<i>TP63</i>	0.007927759	0.002962058	0.23252898	1
Heart_Failure	macrophage	<i>TPCN2</i>	0.007431854	0.004280145	0.23847204	1
Heart_Failure	macrophage	<i>TRAF3IP2</i>	0.005395575	0.008537396	0.240887786	1
Heart_Failure	macrophage	<i>TRIM2</i>	0.003986883	0.008576419	0.240887786	1
Heart_Failure	macrophage	<i>TRIM32</i>	0.009847395	0.033277798	0.295731017	1
Heart_Failure	macrophage	<i>TRMT61A</i>	0.011600812	0.030697157	0.293568448	1
Heart_Failure	macrophage	<i>TRPM4</i>	0.007847287	0.011731149	0.24426949	1
Heart_Failure	macrophage	<i>TRPM6</i>	-0.00597462	0.022010559	0.275766844	1
Heart_Failure	macrophage	<i>TSFM</i>	0.00671529	0.010153389	0.24426949	1
Heart_Failure	macrophage	<i>TSHZ2</i>	0.000532075	0.014882131	0.251623518	1
Heart_Failure	macrophage	<i>TSKS</i>	0.008860465	0.029808974	0.291552255	1
Heart_Failure	macrophage	<i>TSKU</i>	0.004363468	0.037412053	0.305023514	1
Heart_Failure	macrophage	<i>TSPAN15</i>	0.002341382	0.015665268	0.253466358	1
Heart_Failure	macrophage	<i>TTC23</i>	0.004205271	0.015790713	0.253466358	1
Heart_Failure	macrophage	<i>TTC3</i>	0.00145052	0.031882259	0.294239055	1
Heart_Failure	macrophage	<i>TTC37</i>	0.002335333	0.031556768	0.294239055	1
Heart_Failure	macrophage	<i>TTL11</i>	0.003933152	0.015320753	0.252068191	1
Heart_Failure	macrophage	<i>TUB</i>	0.007185454	0.024805613	0.27901627	1
Heart_Failure	macrophage	<i>TUBGCP2</i>	0.003544874	0.025336484	0.27986596	1
Heart_Failure	macrophage	<i>TULP1</i>	0.011830716	0.042034299	0.316446095	1
Heart_Failure	macrophage	<i>TULP3</i>	0.002881683	0.003890696	0.23252898	1
Heart_Failure	macrophage	<i>TUSC5</i>	0.004536172	0.010983342	0.24426949	1
Heart_Failure	macrophage	<i>TYK2</i>	-0.003288471	0.046793755	0.326121444	1
Heart_Failure	macrophage	<i>UBASH3B</i>	-0.00251902	0.016421897	0.257444595	1
Heart_Failure	macrophage	<i>UBLCP1</i>	0.004862586	0.040076975	0.315546779	1
Heart_Failure	macrophage	<i>UBN1</i>	-0.001338845	0.032785207	0.295217119	1
Heart_Failure	macrophage	<i>UBXN2A</i>	0.003912841	0.012151779	0.245315465	1
Heart_Failure	macrophage	<i>UGGT2</i>	0.002187298	0.000636585	0.226738751	1
Heart_Failure	macrophage	<i>UGP2</i>	0.001634814	0.011954411	0.245315465	1
Heart_Failure	macrophage	<i>ULK2</i>	0.002754983	0.003629373	0.23252898	1
Heart_Failure	macrophage	<i>UPF3A</i>	0.001611421	0.03896145	0.310713054	1
Heart_Failure	macrophage	<i>UPK3B</i>	0.018003092	0.005460056	0.23847204	1
Heart_Failure	macrophage	<i>URGCP</i>	0.002879193	0.016845742	0.257444595	1
Heart_Failure	macrophage	<i>USP15</i>	-0.001017115	0.001407323	0.23252898	1
Heart_Failure	macrophage	<i>USP40</i>	0.003584743	0.002126002	0.23252898	1
Heart_Failure	macrophage	<i>USP53</i>	0.001403403	0.01489251	0.251623518	1
Heart_Failure	macrophage	<i>VIP</i>	0.014478549	0.002841476	0.23252898	1
Heart_Failure	macrophage	<i>VMP1</i>	-0.000550608	0.019651868	0.270126194	1
Heart_Failure	macrophage	<i>VNN2</i>	-0.001862834	0.010218484	0.24426949	1

Heart_Failure	macrophage	<i>VNN3</i>	-0.004702944	0.010517844	0.24426949	1
Heart_Failure	macrophage	<i>VPS37D</i>	0.022399393	0.035729123	0.300305543	1
Heart_Failure	macrophage	<i>VSIG10</i>	0.003496746	0.047313341	0.32762981	1
Heart_Failure	macrophage	<i>VSTM5</i>	0.01941473	0.029645683	0.291552255	1
Heart_Failure	macrophage	<i>WASF1</i>	0.003711065	0.029049366	0.289814708	1
Heart_Failure	macrophage	<i>WASF3</i>	0.003399356	0.001170819	0.23252898	1
Heart_Failure	macrophage	<i>WDFY4</i>	-0.001636755	0.002982285	0.23252898	1
Heart_Failure	macrophage	<i>WDR18</i>	0.009055071	0.020298397	0.271174873	1
Heart_Failure	macrophage	<i>WDR24</i>	0.006260294	0.03699046	0.305023514	1
Heart_Failure	macrophage	<i>WDR27</i>	0.002646648	0.005831915	0.23847204	1
Heart_Failure	macrophage	<i>WDR31</i>	0.009543225	0.001160967	0.23252898	1
Heart_Failure	macrophage	<i>WDR37</i>	-0.00182647	0.032599745	0.295217119	1
Heart_Failure	macrophage	<i>WDR41</i>	0.003215244	0.012924756	0.249917801	1
Heart_Failure	macrophage	<i>WDR60</i>	0.003390052	0.000523788	0.226738751	1
Heart_Failure	macrophage	<i>WDR93</i>	0.003963951	0.014423524	0.251623518	1
Heart_Failure	macrophage	<i>WEE2</i>	0.016637426	0.032151433	0.295141268	1
Heart_Failure	macrophage	<i>WFDC13</i>	0.052742427	0.049038609	0.331743273	1
Heart_Failure	macrophage	<i>WFS1</i>	0.005043444	0.014809502	0.251623518	1
Heart_Failure	macrophage	<i>WIPF1</i>	-0.001123305	0.004788303	0.23847204	1
Heart_Failure	macrophage	<i>WNT5A</i>	0.012045392	0.00392663	0.23252898	1
Heart_Failure	macrophage	<i>WRN</i>	0.004597711	0.003021815	0.23252898	1
Heart_Failure	macrophage	<i>WWTR1</i>	0.001419925	0.015955239	0.254942534	1
Heart_Failure	macrophage	<i>XPO6</i>	-0.001060006	0.003739758	0.23252898	1
Heart_Failure	macrophage	<i>YPEL3</i>	-0.002214668	0.047629706	0.329057943	1
Heart_Failure	macrophage	<i>ZBTB1</i>	0.002109846	0.023134031	0.276788867	1
Heart_Failure	macrophage	<i>ZBTB42</i>	0.029212062	0.045105545	0.32063124	1
Heart_Failure	macrophage	<i>ZC2HC1A</i>	0.002652358	0.006592464	0.240887786	1
Heart_Failure	macrophage	<i>ZCCHC8</i>	0.002294742	0.044027925	0.31875104	1
Heart_Failure	macrophage	<i>ZFAT</i>	-0.004504697	0.011266988	0.24426949	1
Heart_Failure	macrophage	<i>ZFHX4</i>	0.002187888	0.006240137	0.240887786	1
Heart_Failure	macrophage	<i>ZFP2</i>	0.007074302	0.044270978	0.31875104	1
Heart_Failure	macrophage	<i>ZFP62</i>	0.006436851	0.024418345	0.27894114	1
Heart_Failure	macrophage	<i>ZFPM2</i>	0.000885892	0.000797208	0.226738751	1
Heart_Failure	macrophage	<i>ZKSCAN3</i>	0.007162332	0.01136021	0.24426949	1
Heart_Failure	macrophage	<i>ZNF117</i>	0.003609525	0.003922009	0.23252898	1
Heart_Failure	macrophage	<i>ZNF135</i>	0.006096582	0.021819795	0.275766844	1
Heart_Failure	macrophage	<i>ZNF143</i>	-0.003990511	0.007407129	0.240887786	1
Heart_Failure	macrophage	<i>ZNF165</i>	0.023720053	0.007656848	0.240887786	1
Heart_Failure	macrophage	<i>ZNF189</i>	0.006017294	0.049799774	0.332693656	1
Heart_Failure	macrophage	<i>ZNF197</i>	0.004509951	0.0169218	0.257444595	1
Heart_Failure	macrophage	<i>ZNF200</i>	-0.007904441	0.026643139	0.281713787	1
Heart_Failure	macrophage	<i>ZNF208</i>	0.0032309	0.034532859	0.297651684	1
Heart_Failure	macrophage	<i>ZNF215</i>	0.012358511	0.005599707	0.23847204	1
Heart_Failure	macrophage	<i>ZNF260</i>	0.004111252	0.020273782	0.271174873	1
Heart_Failure	macrophage	<i>ZNF283</i>	0.005878541	0.035198202	0.299611201	1
Heart_Failure	macrophage	<i>ZNF302</i>	0.002233796	0.021460664	0.274036176	1
Heart_Failure	macrophage	<i>ZNF334</i>	0.004884961	0.005883611	0.23847204	1
Heart_Failure	macrophage	<i>ZNF337</i>	0.00249298	0.049573732	0.332693656	1
Heart_Failure	macrophage	<i>ZNF415</i>	0.013773345	0.029141043	0.290244787	1
Heart_Failure	macrophage	<i>ZNF417</i>	0.009870256	0.006529618	0.240887786	1
Heart_Failure	macrophage	<i>ZNF454</i>	0.01246681	0.01525991	0.251914986	1
Heart_Failure	macrophage	<i>ZNF468</i>	0.013661748	0.04278361	0.316446095	1

Heart_Failure	macrophage	<i>ZNF470</i>	0.015088731	0.017507427	0.259613852	1
Heart_Failure	macrophage	<i>ZNF471</i>	0.006278234	0.014301937	0.251623518	1
Heart_Failure	macrophage	<i>ZNF483</i>	0.005945503	0.009596716	0.24426949	1
Heart_Failure	macrophage	<i>ZNF514</i>	0.005170621	0.041348225	0.316351494	1
Heart_Failure	macrophage	<i>ZNF519</i>	0.003770859	0.01642995	0.257444595	1
Heart_Failure	macrophage	<i>ZNF544</i>	0.007942969	0.032724018	0.295217119	1
Heart_Failure	macrophage	<i>ZNF554</i>	0.008857682	0.030584861	0.293568448	1
Heart_Failure	macrophage	<i>ZNF559</i>	0.005127744	0.04607218	0.323154163	1
Heart_Failure	macrophage	<i>ZNF563</i>	0.008080451	0.021400663	0.274036176	1
Heart_Failure	macrophage	<i>ZNF568</i>	0.005284687	0.025662828	0.281396436	1
Heart_Failure	macrophage	<i>ZNF581</i>	0.02109056	0.038037155	0.307105132	1
Heart_Failure	macrophage	<i>ZNF605</i>	0.007519441	0.000407603	0.226738751	1
Heart_Failure	macrophage	<i>ZNF652</i>	-0.001541501	0.020773608	0.271346642	1
Heart_Failure	macrophage	<i>ZNF665</i>	0.007271584	0.039522032	0.312826047	1
Heart_Failure	macrophage	<i>ZNF682</i>	0.006802962	0.026707064	0.281713787	1
Heart_Failure	macrophage	<i>ZNF706</i>	0.004649466	0.015069745	0.251623518	1
Heart_Failure	macrophage	<i>ZNF717</i>	0.00549851	0.003827947	0.23252898	1
Heart_Failure	macrophage	<i>ZNF721</i>	0.001471928	0.030910043	0.293568448	1
Heart_Failure	macrophage	<i>ZNF83</i>	0.001928478	0.047976672	0.329795252	1
Heart_Failure	macrophage	<i>ZNF84</i>	0.003541665	0.023652668	0.277698118	1
Heart_Failure	macrophage	<i>ZNF862</i>	0.003700702	0.007326621	0.240887786	1
Heart_Failure	macrophage	<i>ZNF93</i>	-0.004765593	0.0211154	0.272294397	1
Heart_Failure	macrophage	<i>ZP3</i>	0.006185439	0.032023359	0.294417837	1
Heart_Failure	macrophage	<i>ZSCAN29</i>	0.008036562	0.023067598	0.276788867	1
Heart_Failure	macrophage	<i>ZSWIM5</i>	0.003677382	0.037165451	0.305023514	1
Heart_Failure	macrophage	<i>ICOSLG</i>	0.039300809	0.024642941	0.27901627	1
Heart_Failure	macrophage	<i>RPRML</i>	0.00671414	0.003976437	0.232972415	1
Heart_Failure	macrophage	<i>B3GNT3</i>	0.021207073	0.045519804	0.322674368	1
Heart_Failure	macrophage	<i>FCN2</i>	0.02716052	0.029025061	0.289814708	1
Heart_Failure	macrophage	<i>NPTX2</i>	0.036164521	0.044416202	0.319411822	1
Heart_Failure	macrophage	<i>OPN4</i>	0.012280676	0.005501546	0.23847204	1
Heart_Failure	macrophage	<i>IRX5</i>	0.017479911	0.022459932	0.276594727	1
Heart_Failure	macrophage	<i>LINC01123</i>	0.008887776	0.024386411	0.27894114	1
Heart_Failure	macrophage	<i>KRT4</i>	0.0755119	0.007339005	0.240887786	1
Heart_Failure	macrophage	<i>DLX6</i>	0.024065648	0.032775342	0.295217119	1
Heart_Failure	macrophage	<i>PDE6H</i>	0.006926259	0.003459618	0.23252898	1
Heart_Failure	macrophage	<i>NKX6-1</i>	0.003878979	0.043216915	0.316446095	1
Heart_Failure	mast_cell	<i>A4GALT</i>	0.005333131	0.012109721	0.322387162	1
Heart_Failure	mast_cell	<i>ABCA8</i>	0.000944862	0.01488155	0.331836355	1
Heart_Failure	mast_cell	<i>ABHD3</i>	-0.002897656	0.000572317	0.264979678	1
Heart_Failure	mast_cell	<i>ABTB1</i>	-0.002531356	0.040232802	0.417731869	1
Heart_Failure	mast_cell	<i>AC107021.1</i>	0.003186479	0.010428542	0.322387162	1
Heart_Failure	mast_cell	<i>ACSM5</i>	0.006900348	0.011814152	0.322387162	1
Heart_Failure	mast_cell	<i>ACSS3</i>	0.001991843	0.015206243	0.334868782	1
Heart_Failure	mast_cell	<i>ACTR3</i>	-0.001269819	0.044145228	0.418566912	1
Heart_Failure	mast_cell	<i>ACVR1C</i>	0.001414259	0.043339367	0.418566912	1
Heart_Failure	mast_cell	<i>ADAL</i>	0.003480821	0.04446084	0.418566912	1
Heart_Failure	mast_cell	<i>ADAM32</i>	0.005640132	0.028889121	0.386015327	1
Heart_Failure	mast_cell	<i>ADAMTS12</i>	0.00112551	0.008597236	0.316933849	1
Heart_Failure	mast_cell	<i>ADAMTS6</i>	0.002546598	0.016420134	0.341857913	1
Heart_Failure	mast_cell	<i>ADAMTSL3</i>	0.00121618	0.038043573	0.413310946	1
Heart_Failure	mast_cell	<i>ADCY4</i>	0.004174308	0.018663967	0.355209773	1

Heart_Failure	mast_cell	<i>ADH1A</i>	0.016065848	0.014687705	0.331221606	1
Heart_Failure	mast_cell	<i>ADH4</i>	0.011970223	0.005529295	0.300989284	1
Heart_Failure	mast_cell	<i>ADH6</i>	0.017567292	0.014756683	0.331323489	1
Heart_Failure	mast_cell	<i>AGBL3</i>	0.003412375	0.032757117	0.397392596	1
Heart_Failure	mast_cell	<i>AGTPBP1</i>	-0.001835306	0.002810543	0.275341072	1
Heart_Failure	mast_cell	<i>AH11</i>	0.000872243	0.039972506	0.417731869	1
Heart_Failure	mast_cell	<i>AHSA2</i>	0.002222461	0.012334465	0.322387162	1
Heart_Failure	mast_cell	<i>AIG1</i>	0.004037833	0.004351427	0.298876848	1
Heart_Failure	mast_cell	<i>AK3</i>	0.003197831	0.018143377	0.352449388	1
Heart_Failure	mast_cell	<i>AKRIC3</i>	0.003682785	0.034097126	0.402696487	1
Heart_Failure	mast_cell	<i>ALDH7A1</i>	0.004042309	0.020046611	0.35902481	1
Heart_Failure	mast_cell	<i>ALPK3</i>	0.003901017	0.017712573	0.351523967	1
Heart_Failure	mast_cell	<i>AMPD3</i>	-0.00313325	0.042562747	0.418566912	1
Heart_Failure	mast_cell	<i>AMPH</i>	0.003456289	0.018263708	0.353216561	1
Heart_Failure	mast_cell	<i>ANKDD1A</i>	0.002367204	0.030836386	0.392409897	1
Heart_Failure	mast_cell	<i>ANKRD26</i>	0.005108473	0.000209656	0.264979678	1
Heart_Failure	mast_cell	<i>ANKRD34A</i>	0.018269089	0.043581496	0.418566912	1
Heart_Failure	mast_cell	<i>ANKRD44</i>	-0.00072819	0.000601906	0.264979678	1
Heart_Failure	mast_cell	<i>ANKRD50</i>	0.005592539	0.016010879	0.341717901	1
Heart_Failure	mast_cell	<i>ANKRD54</i>	0.007996524	0.046311102	0.420503553	1
Heart_Failure	mast_cell	<i>ANO3</i>	0.002380071	0.00716634	0.309168274	1
Heart_Failure	mast_cell	<i>AP006621.1</i>	0.007612594	0.023892927	0.374613022	1
Heart_Failure	mast_cell	<i>AP3B2</i>	0.010201294	0.040571143	0.417731869	1
Heart_Failure	mast_cell	<i>AP4M1</i>	0.004283451	0.032318914	0.397392596	1
Heart_Failure	mast_cell	<i>APBB1IP</i>	-0.000500926	0.04141902	0.418566912	1
Heart_Failure	mast_cell	<i>APTX</i>	0.002929707	0.035756473	0.405760156	1
Heart_Failure	mast_cell	<i>AQP3</i>	-0.00669609	0.039748811	0.417731869	1
Heart_Failure	mast_cell	<i>ARC</i>	0.023364803	0.040568829	0.417731869	1
Heart_Failure	mast_cell	<i>ARHGAP9</i>	-0.003856377	0.002510773	0.264979678	1
Heart_Failure	mast_cell	<i>ARHGDIB</i>	-0.001945172	0.011689929	0.322387162	1
Heart_Failure	mast_cell	<i>ARHGEF10</i>	0.004669954	0.025213339	0.375220533	1
Heart_Failure	mast_cell	<i>ARHGEF33</i>	0.012257402	0.017599189	0.350575843	1
Heart_Failure	mast_cell	<i>ARL17B</i>	0.003713823	0.025123658	0.375220533	1
Heart_Failure	mast_cell	<i>ARMC9</i>	0.005522114	0.016703901	0.341857913	1
Heart_Failure	mast_cell	<i>ARPC2</i>	-0.001195294	0.00649949	0.309168274	1
Heart_Failure	mast_cell	<i>ASAP2</i>	0.001653108	0.023639937	0.374613022	1
Heart_Failure	mast_cell	<i>ASAP3</i>	0.005678383	0.009604302	0.320122992	1
Heart_Failure	mast_cell	<i>ASTN2</i>	0.002271718	0.015817091	0.341238034	1
Heart_Failure	mast_cell	<i>ATG14</i>	0.003486086	0.001458244	0.264979678	1
Heart_Failure	mast_cell	<i>ATP5C1</i>	0.005035281	0.003266842	0.291382775	1
Heart_Failure	mast_cell	<i>ATP9A</i>	0.001888952	0.023486413	0.374613022	1
Heart_Failure	mast_cell	<i>ATRAID</i>	0.004320505	0.019871954	0.35902481	1
Heart_Failure	mast_cell	<i>ATXN10</i>	0.001648311	0.048753111	0.430352428	1
Heart_Failure	mast_cell	<i>AUTS2</i>	0.00074343	0.004391131	0.298876848	1
Heart_Failure	mast_cell	<i>B3GALNT2</i>	0.002554717	0.008614728	0.316933849	1
Heart_Failure	mast_cell	<i>B3GNTL1</i>	-0.005223399	0.004513073	0.298876848	1
Heart_Failure	mast_cell	<i>BASP1</i>	-0.001111071	0.020558951	0.359822565	1
Heart_Failure	mast_cell	<i>BCAP29</i>	0.003611494	0.035445308	0.405760156	1
Heart_Failure	mast_cell	<i>BCHE</i>	0.007868988	0.048745757	0.430352428	1
Heart_Failure	mast_cell	<i>BDH2</i>	0.003726797	0.026792617	0.377384867	1
Heart_Failure	mast_cell	<i>BMP1</i>	0.004645236	0.013839794	0.32742197	1
Heart_Failure	mast_cell	<i>BOC</i>	0.001923748	0.042894869	0.418566912	1

Heart_Failure	mast_cell	<i>BOK</i>	0.005779198	0.006897746	0.309168274	1
Heart_Failure	mast_cell	<i>BPHL</i>	0.004452458	0.037377551	0.409908482	1
Heart_Failure	mast_cell	<i>BTBD3</i>	0.003970038	0.025447528	0.375220533	1
Heart_Failure	mast_cell	<i>BTBD6</i>	0.010888874	0.000884206	0.264979678	1
Heart_Failure	mast_cell	<i>BTC</i>	0.009464901	0.015934294	0.341579773	1
Heart_Failure	mast_cell	<i>BTNL8</i>	-0.003135514	0.026727158	0.377384867	1
Heart_Failure	mast_cell	<i>C11orf74</i>	0.005908374	0.028346952	0.383470579	1
Heart_Failure	mast_cell	<i>C15orf61</i>	-0.00693592	0.033916718	0.402696487	1
Heart_Failure	mast_cell	<i>C17orf49</i>	-0.020925885	0.023917834	0.374613022	1
Heart_Failure	mast_cell	<i>C17orf51</i>	0.014515492	0.012964525	0.322387162	1
Heart_Failure	mast_cell	<i>C19orf18</i>	0.009704852	0.004864334	0.299683079	1
Heart_Failure	mast_cell	<i>C19orf44</i>	0.006011065	0.039630022	0.417731869	1
Heart_Failure	mast_cell	<i>C1QTNF6</i>	0.006991335	0.00958766	0.320122992	1
Heart_Failure	mast_cell	<i>C1QTNF7</i>	0.00266678	0.0078947	0.316933849	1
Heart_Failure	mast_cell	<i>C1orf123</i>	0.005775226	0.00620415	0.305980328	1
Heart_Failure	mast_cell	<i>C2CD2</i>	0.002370922	0.029717361	0.390581126	1
Heart_Failure	mast_cell	<i>C4orf45</i>	0.004642567	0.021951086	0.367238462	1
Heart_Failure	mast_cell	<i>C5</i>	0.00420972	0.047878839	0.426034655	1
Heart_Failure	mast_cell	<i>C5AR1</i>	-0.00113521	0.031444104	0.393941225	1
Heart_Failure	mast_cell	<i>C5orf42</i>	0.002138426	0.012833688	0.322387162	1
Heart_Failure	mast_cell	<i>C6</i>	0.002526154	0.037426515	0.409908482	1
Heart_Failure	mast_cell	<i>CAAP1</i>	0.003885226	0.009859535	0.322387162	1
Heart_Failure	mast_cell	<i>CACNA2D1</i>	0.001039356	0.011865454	0.322387162	1
Heart_Failure	mast_cell	<i>CAMLG</i>	-0.00348282	0.014057062	0.328420807	1
Heart_Failure	mast_cell	<i>CAMSAP2</i>	0.002338032	0.008085565	0.316933849	1
Heart_Failure	mast_cell	<i>CAPS2</i>	0.001868164	0.030650953	0.392409897	1
Heart_Failure	mast_cell	<i>CAT</i>	0.001803325	0.037098826	0.409801448	1
Heart_Failure	mast_cell	<i>CAV1</i>	0.001388288	0.028388436	0.383470579	1
Heart_Failure	mast_cell	<i>CBL</i>	-0.002055399	0.008822761	0.316933849	1
Heart_Failure	mast_cell	<i>CCDC102B</i>	0.002027623	0.00479002	0.299683079	1
Heart_Failure	mast_cell	<i>CCDC171</i>	0.003606221	0.035372441	0.405760156	1
Heart_Failure	mast_cell	<i>CCDC36</i>	0.005147256	0.003553559	0.298130314	1
Heart_Failure	mast_cell	<i>CCDC40</i>	0.006565805	0.042733875	0.418566912	1
Heart_Failure	mast_cell	<i>CCDC9</i>	0.006233984	0.037064556	0.409801448	1
Heart_Failure	mast_cell	<i>CCDC90B</i>	0.003526334	0.005641031	0.300989284	1
Heart_Failure	mast_cell	<i>CCDC92</i>	0.0032505	0.017275177	0.348166786	1
Heart_Failure	mast_cell	<i>CCNE1</i>	0.020643113	0.004199675	0.298776869	1
Heart_Failure	mast_cell	<i>CCR10</i>	0.01370918	0.04257833	0.418566912	1
Heart_Failure	mast_cell	<i>CD14</i>	-0.002306042	0.021776377	0.367238462	1
Heart_Failure	mast_cell	<i>CDA</i>	-0.003279091	0.014288484	0.328420807	1
Heart_Failure	mast_cell	<i>CDC42BPA</i>	0.001249333	0.002582165	0.264979678	1
Heart_Failure	mast_cell	<i>CDC42EP5</i>	0.010048562	0.044966526	0.418566912	1
Heart_Failure	mast_cell	<i>CDHR3</i>	0.003121403	0.002247959	0.264979678	1
Heart_Failure	mast_cell	<i>CDK19</i>	-0.001574526	0.031082398	0.392702771	1
Heart_Failure	mast_cell	<i>CDON</i>	0.001577166	0.034421691	0.402831814	1
Heart_Failure	mast_cell	<i>CEACAM4</i>	-0.006943939	0.013778428	0.32742197	1
Heart_Failure	mast_cell	<i>CENPK</i>	-0.004046653	0.021675029	0.367238462	1
Heart_Failure	mast_cell	<i>CEP112</i>	0.001281415	0.008907474	0.316933849	1
Heart_Failure	mast_cell	<i>CEP44</i>	0.002240147	0.022177754	0.367238462	1
Heart_Failure	mast_cell	<i>CHI3L1</i>	-0.004223213	0.014600728	0.330507386	1
Heart_Failure	mast_cell	<i>CHRD12</i>	-0.012423989	0.041918038	0.418566912	1
Heart_Failure	mast_cell	<i>CHST1</i>	0.028653018	0.022563174	0.370432765	1

Heart_Failure	mast_cell	<i>CHST11</i>	-0.000812892	0.000350419	0.264979678	1
Heart_Failure	mast_cell	<i>CLDN11</i>	0.002517057	0.027915957	0.383470579	1
Heart_Failure	mast_cell	<i>CLEC4E</i>	-0.001883914	0.019435802	0.358023325	1
Heart_Failure	mast_cell	<i>CLSTN2</i>	0.003305092	0.003396995	0.294209326	1
Heart_Failure	mast_cell	<i>CLTCL1</i>	0.00350366	0.030993553	0.392409897	1
Heart_Failure	mast_cell	<i>CMBL</i>	0.004743996	0.013135406	0.323033694	1
Heart_Failure	mast_cell	<i>CNTROB</i>	0.006919064	0.001680479	0.264979678	1
Heart_Failure	mast_cell	<i>COBLL1</i>	0.000875978	0.040293499	0.417731869	1
Heart_Failure	mast_cell	<i>COG6</i>	0.002258466	0.02549189	0.375220533	1
Heart_Failure	mast_cell	<i>COL12A1</i>	0.00185555	0.010811155	0.322387162	1
Heart_Failure	mast_cell	<i>COL15A1</i>	0.002219981	0.023166756	0.374613022	1
Heart_Failure	mast_cell	<i>COL16A1</i>	0.003951506	0.026108721	0.375965576	1
Heart_Failure	mast_cell	<i>COPS6</i>	0.003473028	0.04481148	0.418566912	1
Heart_Failure	mast_cell	<i>COTL1</i>	-0.002054975	0.021164972	0.366614116	1
Heart_Failure	mast_cell	<i>CPNE7</i>	0.046983006	0.002255006	0.264979678	1
Heart_Failure	mast_cell	<i>CPPED1</i>	-0.000837753	0.004460345	0.298876848	1
Heart_Failure	mast_cell	<i>CPS1</i>	0.009796847	0.005176479	0.300989284	1
Heart_Failure	mast_cell	<i>CRMP1</i>	0.004935122	0.012286115	0.322387162	1
Heart_Failure	mast_cell	<i>CSTB</i>	0.00327831	0.008727155	0.316933849	1
Heart_Failure	mast_cell	<i>CTBS</i>	-0.002941711	0.006823911	0.309168274	1
Heart_Failure	mast_cell	<i>CTDSPL</i>	0.001821472	0.030404039	0.392409897	1
Heart_Failure	mast_cell	<i>CTNND2</i>	0.011197739	0.016224239	0.341857913	1
Heart_Failure	mast_cell	<i>CTNS</i>	0.004750181	0.010575416	0.322387162	1
Heart_Failure	mast_cell	<i>CTSS</i>	-0.000826766	0.011527314	0.322387162	1
Heart_Failure	mast_cell	<i>CTSZ</i>	-0.002861926	0.036945615	0.409623369	1
Heart_Failure	mast_cell	<i>CUTC</i>	0.001710721	0.042919693	0.418566912	1
Heart_Failure	mast_cell	<i>CWC15</i>	0.004231089	0.021795715	0.367238462	1
Heart_Failure	mast_cell	<i>CXCR4</i>	-0.003887995	0.010602416	0.322387162	1
Heart_Failure	mast_cell	<i>CYP4X1</i>	0.00411448	0.011621841	0.322387162	1
Heart_Failure	mast_cell	<i>CYP8B1</i>	0.004516794	0.045231945	0.419078787	1
Heart_Failure	mast_cell	<i>CYTH1</i>	-0.000816888	0.033835222	0.402696487	1
Heart_Failure	mast_cell	<i>DCAF4</i>	0.012583917	0.023516917	0.374613022	1
Heart_Failure	mast_cell	<i>DCBLD2</i>	0.003615041	0.000793662	0.264979678	1
Heart_Failure	mast_cell	<i>DCLK2</i>	0.002949026	0.0348501	0.404848503	1
Heart_Failure	mast_cell	<i>DDX51</i>	0.010035145	0.014584128	0.330507386	1
Heart_Failure	mast_cell	<i>DGCR2</i>	-0.003303761	0.009159843	0.316933849	1
Heart_Failure	mast_cell	<i>DHX34</i>	-0.002270722	0.01386174	0.32742197	1
Heart_Failure	mast_cell	<i>DIRC3</i>	0.001357976	0.00577207	0.301571355	1
Heart_Failure	mast_cell	<i>DISC1</i>	-0.001245182	0.043338733	0.418566912	1
Heart_Failure	mast_cell	<i>DKK3</i>	0.006623435	0.012201754	0.322387162	1
Heart_Failure	mast_cell	<i>DMGDH</i>	0.003377221	0.029606092	0.390581126	1
Heart_Failure	mast_cell	<i>DMPK</i>	0.003771654	0.038638881	0.415298473	1
Heart_Failure	mast_cell	<i>DMTN</i>	0.007565826	0.010528642	0.322387162	1
Heart_Failure	mast_cell	<i>DNAH5</i>	0.00543576	0.041176299	0.418566912	1
Heart_Failure	mast_cell	<i>DNAJC17</i>	0.002110949	0.024410335	0.374613022	1
Heart_Failure	mast_cell	<i>DOCK1</i>	0.00117146	0.006664215	0.309168274	1
Heart_Failure	mast_cell	<i>DOCK6</i>	0.002604598	0.031279347	0.39352711	1
Heart_Failure	mast_cell	<i>DOCK8</i>	-0.000921248	3.82E-05	0.228411525	0.228411525
Heart_Failure	mast_cell	<i>DOK3</i>	-0.003185134	0.044880033	0.418566912	1
Heart_Failure	mast_cell	<i>DSTYK</i>	0.002924384	0.00224879	0.264979678	1
Heart_Failure	mast_cell	<i>DTWD1</i>	0.002799444	0.02058401	0.359822565	1
Heart_Failure	mast_cell	<i>DTX1</i>	0.006975857	0.002172856	0.264979678	1

Heart_Failure	mast_cell	<i>DYNC2LI1</i>	0.002715753	0.021732344	0.367238462	1
Heart_Failure	mast_cell	<i>EBPL</i>	0.005111725	0.046738159	0.423192783	1
Heart_Failure	mast_cell	<i>ECHDC2</i>	0.001663325	0.008978322	0.316933849	1
Heart_Failure	mast_cell	<i>ECHDC3</i>	0.005771076	0.004857344	0.299683079	1
Heart_Failure	mast_cell	<i>EFCAB13</i>	0.002164643	0.047056066	0.424784064	1
Heart_Failure	mast_cell	<i>EFCAB6</i>	0.004110469	0.038828379	0.415839413	1
Heart_Failure	mast_cell	<i>EFEMP1</i>	0.001789444	0.002388214	0.264979678	1
Heart_Failure	mast_cell	<i>EGFR</i>	0.001076897	0.030881489	0.392409897	1
Heart_Failure	mast_cell	<i>EIF2AK1</i>	0.001958412	0.041848328	0.418566912	1
Heart_Failure	mast_cell	<i>ELL</i>	-0.002620982	0.008971529	0.316933849	1
Heart_Failure	mast_cell	<i>ELP3</i>	0.00163948	0.039259106	0.416718326	1
Heart_Failure	mast_cell	<i>EMB</i>	-0.001270932	0.030399629	0.392409897	1
Heart_Failure	mast_cell	<i>ENOSF1</i>	0.001833418	0.015010367	0.333464506	1
Heart_Failure	mast_cell	<i>EPB41</i>	-0.001132439	0.011892384	0.322387162	1
Heart_Failure	mast_cell	<i>EPHB1</i>	-0.000669962	0.031682557	0.395271313	1
Heart_Failure	mast_cell	<i>EPS8L2</i>	0.012379002	0.008685713	0.316933849	1
Heart_Failure	mast_cell	<i>ERI2</i>	0.004860838	0.007138469	0.309168274	1
Heart_Failure	mast_cell	<i>ERP27</i>	-0.007085028	0.009754665	0.322065639	1
Heart_Failure	mast_cell	<i>ETFDH</i>	0.002918988	0.006992126	0.309168274	1
Heart_Failure	mast_cell	<i>ETV6</i>	-0.000985104	0.013025188	0.322387162	1
Heart_Failure	mast_cell	<i>EYA3</i>	-0.003051543	0.009302628	0.317671443	1
Heart_Failure	mast_cell	<i>FAM105A</i>	-0.002498845	0.036196426	0.405834597	1
Heart_Failure	mast_cell	<i>FAM114A1</i>	0.002605531	0.026838783	0.377384867	1
Heart_Failure	mast_cell	<i>FAM118A</i>	-0.00378421	0.040776749	0.417979166	1
Heart_Failure	mast_cell	<i>FAM126A</i>	0.001581101	0.030159071	0.391805673	1
Heart_Failure	mast_cell	<i>FAM160A2</i>	-0.003598065	0.045196262	0.419078787	1
Heart_Failure	mast_cell	<i>FAM173B</i>	0.005882393	0.023034792	0.374064986	1
Heart_Failure	mast_cell	<i>FAM19A2</i>	-0.003140751	0.023872883	0.374613022	1
Heart_Failure	mast_cell	<i>FAM219B</i>	0.003135434	0.043184993	0.418566912	1
Heart_Failure	mast_cell	<i>FAM72B</i>	0.013658035	0.024934709	0.375220533	1
Heart_Failure	mast_cell	<i>FAM83F</i>	0.008999132	0.044284243	0.418566912	1
Heart_Failure	mast_cell	<i>FAM89A</i>	0.005780001	0.012977629	0.322387162	1
Heart_Failure	mast_cell	<i>FASTKD1</i>	-0.003163498	0.025800747	0.375553205	1
Heart_Failure	mast_cell	<i>FBLN7</i>	0.005768087	0.022209871	0.367238462	1
Heart_Failure	mast_cell	<i>FBXO17</i>	0.004304743	0.009987716	0.322387162	1
Heart_Failure	mast_cell	<i>FBXO31</i>	0.005486354	0.008580783	0.316933849	1
Heart_Failure	mast_cell	<i>FCAR</i>	-0.003609961	0.025246182	0.375220533	1
Heart_Failure	mast_cell	<i>FCRLB</i>	0.011631282	0.036699489	0.409045425	1
Heart_Failure	mast_cell	<i>FEM1B</i>	0.005307161	0.030871684	0.392409897	1
Heart_Failure	mast_cell	<i>FGF10</i>	0.004020181	0.012598578	0.322387162	1
Heart_Failure	mast_cell	<i>FGFR1</i>	0.001237667	0.038563061	0.415230363	1
Heart_Failure	mast_cell	<i>FHOD3</i>	0.00246294	0.036061408	0.405834597	1
Heart_Failure	mast_cell	<i>FILIP1</i>	0.001558047	0.031916449	0.3970188	1
Heart_Failure	mast_cell	<i>FJX1</i>	-0.014668237	0.034889053	0.404848503	1
Heart_Failure	mast_cell	<i>FLNC</i>	0.010170058	0.022850354	0.372080975	1
Heart_Failure	mast_cell	<i>FLRT2</i>	0.001146026	0.013430907	0.32742197	1
Heart_Failure	mast_cell	<i>FLT3</i>	-0.002132276	0.043748641	0.418566912	1
Heart_Failure	mast_cell	<i>FMO2</i>	0.002545978	0.009099514	0.316933849	1
Heart_Failure	mast_cell	<i>FNBP1</i>	-0.000874432	0.032850057	0.397392596	1
Heart_Failure	mast_cell	<i>FOLH1</i>	0.020213196	0.040471506	0.417731869	1
Heart_Failure	mast_cell	<i>FOXP2</i>	0.001673691	0.001502659	0.264979678	1
Heart_Failure	mast_cell	<i>FOXS1</i>	0.020014306	0.048144769	0.427508376	1

Heart_Failure	mast_cell	<i>FPR1</i>	-0.002158381	0.001189877	0.264979678	1
Heart_Failure	mast_cell	<i>FSIP2</i>	0.005641483	0.017804617	0.351523967	1
Heart_Failure	mast_cell	<i>FST</i>	0.007299542	0.042047761	0.418566912	1
Heart_Failure	mast_cell	<i>FXYP6</i>	0.007749258	0.044309605	0.418566912	1
Heart_Failure	mast_cell	<i>GABPB2</i>	0.002068871	0.029311408	0.389298817	1
Heart_Failure	mast_cell	<i>GATAD1</i>	0.002062753	0.043894248	0.418566912	1
Heart_Failure	mast_cell	<i>GCFC2</i>	0.001852836	0.002367645	0.264979678	1
Heart_Failure	mast_cell	<i>GGH</i>	0.01163752	0.010076118	0.322387162	1
Heart_Failure	mast_cell	<i>GHR</i>	0.00111779	0.00580445	0.301571355	1
Heart_Failure	mast_cell	<i>GLI4</i>	0.007799733	0.005070606	0.300989284	1
Heart_Failure	mast_cell	<i>GLIPR1</i>	-0.002764833	0.003811142	0.298130314	1
Heart_Failure	mast_cell	<i>GLIPR1L1</i>	0.005644577	0.008025634	0.316933849	1
Heart_Failure	mast_cell	<i>GLIPR2</i>	-0.002366078	0.035275537	0.405760156	1
Heart_Failure	mast_cell	<i>GLRX</i>	0.001685278	0.024426377	0.374613022	1
Heart_Failure	mast_cell	<i>GLT8D1</i>	0.004305676	0.044237778	0.418566912	1
Heart_Failure	mast_cell	<i>GNG10</i>	0.038975925	0.010982647	0.322387162	1
Heart_Failure	mast_cell	<i>GOLGA6L4</i>	0.017551726	0.016302827	0.341857913	1
Heart_Failure	mast_cell	<i>GOLM1</i>	0.005168866	0.044763308	0.418566912	1
Heart_Failure	mast_cell	<i>GPAT2</i>	0.018099693	0.041074307	0.418566912	1
Heart_Failure	mast_cell	<i>GPHN</i>	0.001119665	0.026686647	0.377384867	1
Heart_Failure	mast_cell	<i>GPR158</i>	0.012911358	0.027294436	0.380213399	1
Heart_Failure	mast_cell	<i>GPR180</i>	0.004081265	0.039817797	0.417731869	1
Heart_Failure	mast_cell	<i>GPR19</i>	-0.018418086	0.000863678	0.264979678	1
Heart_Failure	mast_cell	<i>GREB1L</i>	0.002216262	0.013820395	0.32742197	1
Heart_Failure	mast_cell	<i>GRK4</i>	0.004564945	0.015947248	0.341579773	1
Heart_Failure	mast_cell	<i>GRM7</i>	0.005258104	0.035713726	0.405760156	1
Heart_Failure	mast_cell	<i>GSK3B</i>	-0.001932573	0.016603275	0.341857913	1
Heart_Failure	mast_cell	<i>GSTCD</i>	0.002887058	0.028456278	0.383470579	1
Heart_Failure	mast_cell	<i>GSTM2</i>	0.004935464	0.014105664	0.328420807	1
Heart_Failure	mast_cell	<i>GULP1</i>	0.00168787	0.019286166	0.357932071	1
Heart_Failure	mast_cell	<i>GYPC</i>	0.002178933	0.028490786	0.383470579	1
Heart_Failure	mast_cell	<i>HAUS8</i>	0.005579143	0.009227994	0.316933849	1
Heart_Failure	mast_cell	<i>HCG17</i>	0.002232196	0.040301951	0.417731869	1
Heart_Failure	mast_cell	<i>HCLS1</i>	-0.001788816	0.001569371	0.264979678	1
Heart_Failure	mast_cell	<i>HEATR4</i>	0.005428512	0.020230964	0.359170702	1
Heart_Failure	mast_cell	<i>HHEX</i>	0.007740237	0.043112354	0.418566912	1
Heart_Failure	mast_cell	<i>HIBADH</i>	0.001827167	0.042532228	0.418566912	1
Heart_Failure	mast_cell	<i>HIBCH</i>	0.001275059	0.038108155	0.413310946	1
Heart_Failure	mast_cell	<i>HIST1H4E</i>	-0.019410782	0.000173567	0.264979678	1
Heart_Failure	mast_cell	<i>HLA-B</i>	-0.000878828	0.001995318	0.264979678	1
Heart_Failure	mast_cell	<i>HLA-C</i>	-0.000934236	0.023719812	0.374613022	1
Heart_Failure	mast_cell	<i>HLA-DPA1</i>	-0.00109075	0.044214053	0.418566912	1
Heart_Failure	mast_cell	<i>HLA-DQB1</i>	-0.001241829	0.037492975	0.409908482	1
Heart_Failure	mast_cell	<i>HLTF</i>	0.003578899	0.016687615	0.341857913	1
Heart_Failure	mast_cell	<i>HMG20A</i>	0.002636803	0.0156264	0.338823352	1
Heart_Failure	mast_cell	<i>HOXD3</i>	0.003707984	0.043782025	0.418566912	1
Heart_Failure	mast_cell	<i>HSD17B12</i>	0.003644012	0.032541588	0.397392596	1
Heart_Failure	mast_cell	<i>ICAM3</i>	-0.00455206	0.025815302	0.375553205	1
Heart_Failure	mast_cell	<i>IFITM1</i>	-0.007195864	0.032265149	0.397392596	1
Heart_Failure	mast_cell	<i>IFNAR2</i>	-0.001645298	0.003868241	0.298130314	1
Heart_Failure	mast_cell	<i>IGF2R</i>	-0.000759044	0.018976426	0.356613588	1
Heart_Failure	mast_cell	<i>IKBIP</i>	-0.001687133	0.035902835	0.405760156	1

Heart_Failure	mast_cell	<i>IL17RA</i>	-0.001494383	0.025680565	0.375553205	1
Heart_Failure	mast_cell	<i>ING5</i>	0.001621692	0.046019891	0.420503553	1
Heart_Failure	mast_cell	<i>INPP5B</i>	0.002549523	0.035305477	0.405760156	1
Heart_Failure	mast_cell	<i>IP6K1</i>	-0.00312996	0.044088763	0.418566912	1
Heart_Failure	mast_cell	<i>IQGAP1</i>	-0.00114278	0.004001932	0.298130314	1
Heart_Failure	mast_cell	<i>ISG20</i>	-0.003291146	0.024725216	0.375220533	1
Heart_Failure	mast_cell	<i>ITGA11</i>	0.001490449	0.04637079	0.420503553	1
Heart_Failure	mast_cell	<i>KANK2</i>	0.002085376	0.030487052	0.392409897	1
Heart_Failure	mast_cell	<i>KBTBD2</i>	-0.003530611	0.047907511	0.426034655	1
Heart_Failure	mast_cell	<i>KCNAB3</i>	0.019163243	0.0253945	0.375220533	1
Heart_Failure	mast_cell	<i>KCNIP2</i>	0.003489736	0.025590343	0.375553205	1
Heart_Failure	mast_cell	<i>KCNIP4</i>	0.002484444	0.024349383	0.374613022	1
Heart_Failure	mast_cell	<i>KCNJ15</i>	-0.000751552	0.012861633	0.322387162	1
Heart_Failure	mast_cell	<i>KCNMB3</i>	0.005543532	0.030943478	0.392409897	1
Heart_Failure	mast_cell	<i>KCTD10</i>	0.005046191	0.025991924	0.375965576	1
Heart_Failure	mast_cell	<i>KCTD2</i>	0.003908557	0.03891833	0.416057139	1
Heart_Failure	mast_cell	<i>KIAA1324L</i>	0.003184103	0.008622644	0.316933849	1
Heart_Failure	mast_cell	<i>KIAA1586</i>	0.00370104	0.028938231	0.386015327	1
Heart_Failure	mast_cell	<i>KIF17</i>	0.010962175	0.042429067	0.418566912	1
Heart_Failure	mast_cell	<i>KLHL3</i>	0.002258464	0.011793454	0.322387162	1
Heart_Failure	mast_cell	<i>KLHL31</i>	0.00366112	0.014160625	0.328420807	1
Heart_Failure	mast_cell	<i>KLHL7</i>	0.005373012	0.000469158	0.264979678	1
Heart_Failure	mast_cell	<i>L3MBTL4</i>	0.00146763	0.005626723	0.300989284	1
Heart_Failure	mast_cell	<i>LAMA4</i>	0.001077784	0.000756549	0.264979678	1
Heart_Failure	mast_cell	<i>LAMB1</i>	0.002532007	0.003873768	0.298130314	1
Heart_Failure	mast_cell	<i>LAPTM5</i>	-0.00179254	0.039234547	0.416718326	1
Heart_Failure	mast_cell	<i>LARS2</i>	0.003904252	0.035945576	0.405760156	1
Heart_Failure	mast_cell	<i>LCAT</i>	0.006711991	0.008015038	0.316933849	1
Heart_Failure	mast_cell	<i>LCP2</i>	-0.001335608	0.004140699	0.298130314	1
Heart_Failure	mast_cell	<i>LDHA</i>	0.002895735	0.037535411	0.409908482	1
Heart_Failure	mast_cell	<i>LENG8</i>	0.002533368	0.045592267	0.420462019	1
Heart_Failure	mast_cell	<i>LENG9</i>	0.00797482	0.024368034	0.374613022	1
Heart_Failure	mast_cell	<i>LIAS</i>	0.004044297	0.030120018	0.391805673	1
Heart_Failure	mast_cell	<i>LILRB3</i>	-0.001997547	0.005454797	0.300989284	1
Heart_Failure	mast_cell	<i>LIMA1</i>	0.001075569	0.003396509	0.294209326	1
Heart_Failure	mast_cell	<i>LINC00472</i>	0.006304382	0.009227038	0.316933849	1
Heart_Failure	mast_cell	<i>LINC00662</i>	0.004146963	0.01730347	0.348166786	1
Heart_Failure	mast_cell	<i>LINC00665</i>	0.005594935	0.041816891	0.418566912	1
Heart_Failure	mast_cell	<i>LINC00969</i>	0.002276859	0.008059192	0.316933849	1
Heart_Failure	mast_cell	<i>LINC01117</i>	0.004187868	0.018165062	0.352449388	1
Heart_Failure	mast_cell	<i>LIPI</i>	0.010856046	0.007127715	0.309168274	1
Heart_Failure	mast_cell	<i>LITAF</i>	-0.000943605	0.006630411	0.309168274	1
Heart_Failure	mast_cell	<i>LMAN2L</i>	0.003810583	0.00455117	0.298876848	1
Heart_Failure	mast_cell	<i>LMO3</i>	0.001679782	0.018371525	0.354155591	1
Heart_Failure	mast_cell	<i>LMX1A</i>	0.004386651	0.020427256	0.359822565	1
Heart_Failure	mast_cell	<i>LMX1B</i>	0.014301616	0.015147071	0.334868782	1
Heart_Failure	mast_cell	<i>LRFN5</i>	0.003323444	0.032397988	0.397392596	1
Heart_Failure	mast_cell	<i>LRMP</i>	-0.001281419	0.018870022	0.356613588	1
Heart_Failure	mast_cell	<i>LRRC23</i>	-0.003477804	0.021325792	0.367238462	1
Heart_Failure	mast_cell	<i>LRRC25</i>	-0.004976263	0.039411911	0.417598542	1
Heart_Failure	mast_cell	<i>LRRK2</i>	-0.000791742	0.002750693	0.273969022	1
Heart_Failure	mast_cell	<i>LRWD1</i>	0.019815083	0.029868737	0.390581126	1

Heart_Failure	mast_cell	<i>LSS</i>	0.003919154	0.033465649	0.4009324	1
Heart_Failure	mast_cell	<i>LURAPIL</i>	0.002952907	0.011777909	0.322387162	1
Heart_Failure	mast_cell	<i>LY6G5B</i>	0.021290651	0.01529772	0.334868782	1
Heart_Failure	mast_cell	<i>LYRM4</i>	0.004551401	0.024105645	0.374613022	1
Heart_Failure	mast_cell	<i>LZTR1</i>	-0.004840237	0.04963473	0.434922505	1
Heart_Failure	mast_cell	<i>MAL2</i>	0.007845981	0.0227355	0.372080975	1
Heart_Failure	mast_cell	<i>MANEA</i>	0.006244306	0.022314638	0.36736164	1
Heart_Failure	mast_cell	<i>MAP1B</i>	0.001541647	0.027011498	0.378921855	1
Heart_Failure	mast_cell	<i>MAP1LC3C</i>	0.020306244	0.026717683	0.377384867	1
Heart_Failure	mast_cell	<i>MAP3K5</i>	-0.001548946	0.000940564	0.264979678	1
Heart_Failure	mast_cell	<i>MBNL1</i>	-0.000637633	0.02343151	0.374613022	1
Heart_Failure	mast_cell	<i>ME3</i>	0.004626373	0.002574814	0.264979678	1
Heart_Failure	mast_cell	<i>MED24</i>	0.005671142	0.04056564	0.417731869	1
Heart_Failure	mast_cell	<i>MED8</i>	0.006385568	0.047394653	0.426034655	1
Heart_Failure	mast_cell	<i>MEGF9</i>	-0.000947132	0.019580243	0.358023325	1
Heart_Failure	mast_cell	<i>METTL15</i>	0.002284872	0.018013085	0.352449388	1
Heart_Failure	mast_cell	<i>METTL3</i>	0.004844689	0.040397345	0.417731869	1
Heart_Failure	mast_cell	<i>MFAP1</i>	0.005842702	0.034619698	0.404076786	1
Heart_Failure	mast_cell	<i>MIPOL1</i>	0.002206319	0.012864708	0.322387162	1
Heart_Failure	mast_cell	<i>MLXIPL</i>	0.001421295	0.04611098	0.420503553	1
Heart_Failure	mast_cell	<i>MMP16</i>	0.002906429	0.001538675	0.264979678	1
Heart_Failure	mast_cell	<i>MMP25</i>	-0.00230085	0.027966244	0.383470579	1
Heart_Failure	mast_cell	<i>MMRN1</i>	0.000873883	0.006131359	0.305980328	1
Heart_Failure	mast_cell	<i>MNAT1</i>	0.001896612	0.014555067	0.330507386	1
Heart_Failure	mast_cell	<i>MOB1A</i>	-0.003008582	0.001804796	0.264979678	1
Heart_Failure	mast_cell	<i>MOB3A</i>	-0.002043917	0.01745896	0.348945642	1
Heart_Failure	mast_cell	<i>MPPE1</i>	-0.003174026	0.046999387	0.424784064	1
Heart_Failure	mast_cell	<i>MRPL37</i>	0.008067979	0.045302024	0.419078787	1
Heart_Failure	mast_cell	<i>MTHFD1</i>	0.003916749	0.008246309	0.316933849	1
Heart_Failure	mast_cell	<i>MTMR10</i>	-0.003080689	0.02514879	0.375220533	1
Heart_Failure	mast_cell	<i>MTMR3</i>	-0.001496683	0.027980076	0.383470579	1
Heart_Failure	mast_cell	<i>MTUS1</i>	0.001763623	0.019932793	0.35902481	1
Heart_Failure	mast_cell	<i>MUC4</i>	0.010752379	0.008279858	0.316933849	1
Heart_Failure	mast_cell	<i>MUM1</i>	0.004394835	0.000554198	0.264979678	1
Heart_Failure	mast_cell	<i>MX2</i>	-0.001340798	0.012322459	0.322387162	1
Heart_Failure	mast_cell	<i>MXRA7</i>	0.005943977	0.013958847	0.328417599	1
Heart_Failure	mast_cell	<i>MYO1F</i>	-0.000707905	0.0010156	0.264979678	1
Heart_Failure	mast_cell	<i>MYO5B</i>	0.008184569	0.007162984	0.309168274	1
Heart_Failure	mast_cell	<i>MYO7A</i>	0.006882048	0.010625494	0.322387162	1
Heart_Failure	mast_cell	<i>MYO9A</i>	0.000961667	0.048944937	0.430504899	1
Heart_Failure	mast_cell	<i>N6AMT1</i>	0.007877786	0.047567978	0.426034655	1
Heart_Failure	mast_cell	<i>NAALAD2</i>	0.003813302	0.013811847	0.32742197	1
Heart_Failure	mast_cell	<i>NACCI</i>	-0.00815619	0.045671776	0.420503553	1
Heart_Failure	mast_cell	<i>NAGA</i>	0.006138465	0.020065978	0.35902481	1
Heart_Failure	mast_cell	<i>NARFL</i>	0.004244165	0.021990241	0.367238462	1
Heart_Failure	mast_cell	<i>NBEAL1</i>	0.001129094	0.005110979	0.300989284	1
Heart_Failure	mast_cell	<i>NBPF3</i>	0.006156409	0.008753791	0.316933849	1
Heart_Failure	mast_cell	<i>NCAM2</i>	0.00376177	0.043889432	0.418566912	1
Heart_Failure	mast_cell	<i>NCKAPI</i>	0.001853998	0.001517105	0.264979678	1
Heart_Failure	mast_cell	<i>NDE1</i>	-0.001249662	0.03837003	0.413897654	1
Heart_Failure	mast_cell	<i>NDNF</i>	0.006053986	0.02984397	0.390581126	1
Heart_Failure	mast_cell	<i>NDUFAF5</i>	0.004330438	0.0240554	0.374613022	1

Heart_Failure	mast_cell	<i>NDUFV3</i>	0.002644247	0.042268657	0.418566912	1
Heart_Failure	mast_cell	<i>NEAT1</i>	-0.000340138	0.032677194	0.397392596	1
Heart_Failure	mast_cell	<i>NFIA</i>	0.000932024	0.002911893	0.280668875	1
Heart_Failure	mast_cell	<i>NFIC</i>	0.001583955	0.047804221	0.426034655	1
Heart_Failure	mast_cell	<i>NFIX</i>	0.00335694	0.005334742	0.300989284	1
Heart_Failure	mast_cell	<i>NINJI</i>	-0.004204275	0.04623512	0.420503553	1
Heart_Failure	mast_cell	<i>NINL</i>	0.003578693	0.03231788	0.397392596	1
Heart_Failure	mast_cell	<i>NIPSNAP3A</i>	0.006248306	0.034343751	0.402831814	1
Heart_Failure	mast_cell	<i>NIPSNAP3B</i>	0.005480216	0.025828709	0.375553205	1
Heart_Failure	mast_cell	<i>NKX3-1</i>	0.040333186	0.048748059	0.430352428	1
Heart_Failure	mast_cell	<i>NR1H3</i>	0.003285539	0.033836431	0.402696487	1
Heart_Failure	mast_cell	<i>NR2F6</i>	0.009207922	0.036738718	0.409045425	1
Heart_Failure	mast_cell	<i>NSMCE4A</i>	0.003251957	0.029959612	0.390914058	1
Heart_Failure	mast_cell	<i>NT5E</i>	0.003552539	0.016682823	0.341857913	1
Heart_Failure	mast_cell	<i>NTAN1</i>	0.004477644	0.010733264	0.322387162	1
Heart_Failure	mast_cell	<i>NUAK2</i>	-0.006314661	0.021802266	0.367238462	1
Heart_Failure	mast_cell	<i>NUDT2</i>	0.005766285	0.014288723	0.328420807	1
Heart_Failure	mast_cell	<i>NUDT4</i>	0.003235844	0.032772499	0.397392596	1
Heart_Failure	mast_cell	<i>NUTM2B</i>	0.002451789	0.042569183	0.418566912	1
Heart_Failure	mast_cell	<i>OGFOD3</i>	0.006678932	0.027969028	0.383470579	1
Heart_Failure	mast_cell	<i>OGFRL1</i>	-0.002213228	0.023915308	0.374613022	1
Heart_Failure	mast_cell	<i>ORC4</i>	0.002139125	0.047557944	0.426034655	1
Heart_Failure	mast_cell	<i>OSCAR</i>	-0.003800317	0.023596117	0.374613022	1
Heart_Failure	mast_cell	<i>OSCP1</i>	0.006853158	0.022131503	0.367238462	1
Heart_Failure	mast_cell	<i>PACRGL</i>	0.002874534	0.03579866	0.405760156	1
Heart_Failure	mast_cell	<i>PADI4</i>	-0.002444767	0.010582176	0.322387162	1
Heart_Failure	mast_cell	<i>PALM2</i>	0.005693027	0.021987847	0.367238462	1
Heart_Failure	mast_cell	<i>PANK2</i>	-0.001936115	0.04769329	0.426034655	1
Heart_Failure	mast_cell	<i>PARD3</i>	0.000787152	0.006002094	0.303970453	1
Heart_Failure	mast_cell	<i>PARP14</i>	-0.001332404	0.027133608	0.379743417	1
Heart_Failure	mast_cell	<i>PARP8</i>	-0.00097145	0.001865383	0.264979678	1
Heart_Failure	mast_cell	<i>PBX1</i>	0.00088519	0.007302012	0.31169161	1
Heart_Failure	mast_cell	<i>PCDHB16</i>	0.009071763	0.02774268	0.383470579	1
Heart_Failure	mast_cell	<i>PCDHGA1</i>	0.022934077	0.032945205	0.397738481	1
Heart_Failure	mast_cell	<i>PCLO</i>	0.002789265	0.028089899	0.383470579	1
Heart_Failure	mast_cell	<i>PCOLCE2</i>	0.001129533	0.021906815	0.367238462	1
Heart_Failure	mast_cell	<i>PDE1C</i>	0.001905602	0.019206045	0.357555537	1
Heart_Failure	mast_cell	<i>PDE8A</i>	0.001576717	0.017929926	0.352449388	1
Heart_Failure	mast_cell	<i>PDE8B</i>	0.004549617	0.005258977	0.300989284	1
Heart_Failure	mast_cell	<i>PDF</i>	0.03395068	0.046163579	0.420503553	1
Heart_Failure	mast_cell	<i>PDLIM3</i>	0.003047009	0.038327369	0.413897654	1
Heart_Failure	mast_cell	<i>PDLIM4</i>	0.010598635	0.017436383	0.348945642	1
Heart_Failure	mast_cell	<i>PDPN</i>	0.005136945	0.01271922	0.322387162	1
Heart_Failure	mast_cell	<i>PEX10</i>	0.004809738	0.013720729	0.32742197	1
Heart_Failure	mast_cell	<i>PGM2</i>	0.006381137	0.044935358	0.418566912	1
Heart_Failure	mast_cell	<i>PGR</i>	0.004868706	0.049709614	0.434940923	1
Heart_Failure	mast_cell	<i>PHLDB1</i>	0.002094177	0.002335745	0.264979678	1
Heart_Failure	mast_cell	<i>PLAS1</i>	-0.000998286	0.012928277	0.322387162	1
Heart_Failure	mast_cell	<i>PICALM</i>	-0.00070553	0.02143627	0.367238462	1
Heart_Failure	mast_cell	<i>PIGM</i>	0.006272331	0.04621956	0.420503553	1
Heart_Failure	mast_cell	<i>PIGP</i>	0.006296233	0.007956507	0.316933849	1
Heart_Failure	mast_cell	<i>PIP4K2B</i>	0.009187405	0.003567718	0.298130314	1

Heart_Failure	mast_cell	<i>PLA2R1</i>	0.00383897	0.00232649	0.264979678	1
Heart_Failure	mast_cell	<i>PLAC9</i>	0.001247866	0.036756592	0.409045425	1
Heart_Failure	mast_cell	<i>PLBD2</i>	0.005024488	0.031955496	0.3970188	1
Heart_Failure	mast_cell	<i>PLCD3</i>	0.010051412	0.028456838	0.383470579	1
Heart_Failure	mast_cell	<i>PLCE1</i>	0.001598401	0.009176485	0.316933849	1
Heart_Failure	mast_cell	<i>PLD1</i>	0.001708566	0.018088669	0.352449388	1
Heart_Failure	mast_cell	<i>PLEKHA8</i>	0.005104814	0.040537803	0.417731869	1
Heart_Failure	mast_cell	<i>PLEKHH2</i>	0.001897911	0.025114264	0.375220533	1
Heart_Failure	mast_cell	<i>PLEKHS1</i>	0.023430944	0.035986092	0.405760156	1
Heart_Failure	mast_cell	<i>PLLP</i>	0.008671145	0.011876945	0.322387162	1
Heart_Failure	mast_cell	<i>PLSCR4</i>	0.001434934	0.004490126	0.298876848	1
Heart_Failure	mast_cell	<i>POLE</i>	0.004416444	0.007004185	0.309168274	1
Heart_Failure	mast_cell	<i>POLK</i>	0.002364514	0.022842501	0.372080975	1
Heart_Failure	mast_cell	<i>POLR2J3</i>	0.005671712	0.045296399	0.419078787	1
Heart_Failure	mast_cell	<i>PPCDC</i>	-0.001008123	0.035756099	0.405760156	1
Heart_Failure	mast_cell	<i>PPFIBP1</i>	0.000612509	0.034747725	0.40478052	1
Heart_Failure	mast_cell	<i>PPME1</i>	0.002368375	0.020151197	0.359170702	1
Heart_Failure	mast_cell	<i>PPP1R9A</i>	0.001866763	0.003998204	0.298130314	1
Heart_Failure	mast_cell	<i>PPP2R1B</i>	0.002079449	0.007580347	0.316933849	1
Heart_Failure	mast_cell	<i>PPT1</i>	-0.004427304	0.012063147	0.322387162	1
Heart_Failure	mast_cell	<i>PRICKLE1</i>	0.001937061	0.008258093	0.316933849	1
Heart_Failure	mast_cell	<i>PRIMPOL</i>	0.003176952	0.015282232	0.334868782	1
Heart_Failure	mast_cell	<i>PRMT7</i>	0.004935187	0.010350855	0.322387162	1
Heart_Failure	mast_cell	<i>PROCR</i>	0.001610131	0.02969477	0.390581126	1
Heart_Failure	mast_cell	<i>PRSS23</i>	0.001515351	0.000372612	0.264979678	1
Heart_Failure	mast_cell	<i>PRTG</i>	0.006299261	0.012643062	0.322387162	1
Heart_Failure	mast_cell	<i>PSORS1C1</i>	0.00783516	0.045504327	0.420299627	1
Heart_Failure	mast_cell	<i>PSTPIP1</i>	-0.003295021	0.014250518	0.328420807	1
Heart_Failure	mast_cell	<i>PTAFR</i>	-0.005000496	0.004738984	0.299683079	1
Heart_Failure	mast_cell	<i>PTGR1</i>	0.004043747	0.005961747	0.303970453	1
Heart_Failure	mast_cell	<i>PTGR2</i>	0.007400144	0.026479089	0.377384867	1
Heart_Failure	mast_cell	<i>PTH2R</i>	0.003521864	0.03682901	0.40908952	1
Heart_Failure	mast_cell	<i>PTK2</i>	0.000870015	0.01305517	0.322387162	1
Heart_Failure	mast_cell	<i>PTPN12</i>	0.001415869	0.031612911	0.395227518	1
Heart_Failure	mast_cell	<i>PTPN14</i>	0.001683537	0.003206083	0.290296263	1
Heart_Failure	mast_cell	<i>PTPRJ</i>	-0.000853657	0.00245956	0.264979678	1
Heart_Failure	mast_cell	<i>PTPRS</i>	0.00159731	0.00951639	0.320122992	1
Heart_Failure	mast_cell	<i>PYGB</i>	0.004069814	0.040374461	0.417731869	1
Heart_Failure	mast_cell	<i>QDPR</i>	0.005217005	0.03829727	0.413897654	1
Heart_Failure	mast_cell	<i>QRICH2</i>	0.009527359	0.005453061	0.300989284	1
Heart_Failure	mast_cell	<i>RADIL</i>	0.002951933	0.005853795	0.301571355	1
Heart_Failure	mast_cell	<i>RAI14</i>	0.00202654	0.031203373	0.39339949	1
Heart_Failure	mast_cell	<i>RAMP2-AS1</i>	0.005980795	0.008872942	0.316933849	1
Heart_Failure	mast_cell	<i>RAPGEF4</i>	0.00146209	0.043657809	0.418566912	1
Heart_Failure	mast_cell	<i>RBBP9</i>	0.017949556	0.001817727	0.264979678	1
Heart_Failure	mast_cell	<i>RDH5</i>	0.001552917	0.02682114	0.377384867	1
Heart_Failure	mast_cell	<i>RELL1</i>	-0.001848978	0.040380611	0.417731869	1
Heart_Failure	mast_cell	<i>RET</i>	0.011460202	0.026422661	0.377384867	1
Heart_Failure	mast_cell	<i>RFWD2</i>	-0.000622054	0.049077906	0.430674841	1
Heart_Failure	mast_cell	<i>RGPD8</i>	0.007267471	0.042065113	0.418566912	1
Heart_Failure	mast_cell	<i>RGS18</i>	-0.002627606	0.012125293	0.322387162	1
Heart_Failure	mast_cell	<i>RGS2</i>	-0.002038462	0.004120177	0.298130314	1

Heart_Failure	mast_cell	<i>RHOBTB3</i>	0.001117317	0.018923663	0.356613588	1
Heart_Failure	mast_cell	<i>RHPN1</i>	0.011858188	0.018464123	0.354796146	1
Heart_Failure	mast_cell	<i>RICTOR</i>	-0.000842974	0.028401301	0.383470579	1
Heart_Failure	mast_cell	<i>RILPL2</i>	-0.002655396	0.011576894	0.322387162	1
Heart_Failure	mast_cell	<i>RING1</i>	0.007117694	0.012872496	0.322387162	1
Heart_Failure	mast_cell	<i>RNASE1</i>	-0.001360296	0.022049185	0.367238462	1
Heart_Failure	mast_cell	<i>RNASE6</i>	-0.005902928	0.044761729	0.418566912	1
Heart_Failure	mast_cell	<i>RNF130</i>	-0.000806843	0.041541934	0.418566912	1
Heart_Failure	mast_cell	<i>RNF149</i>	-0.000759537	0.002475331	0.264979678	1
Heart_Failure	mast_cell	<i>RNF166</i>	-0.00330751	0.047689738	0.426034655	1
Heart_Failure	mast_cell	<i>RNF217</i>	0.003129928	0.00685488	0.309168274	1
Heart_Failure	mast_cell	<i>RNF24</i>	-0.00061032	0.009642259	0.320122992	1
Heart_Failure	mast_cell	<i>RPS11</i>	-0.001520106	0.034044617	0.402696487	1
Heart_Failure	mast_cell	<i>RRN3</i>	0.006174005	0.022245703	0.367238462	1
Heart_Failure	mast_cell	<i>RRP12</i>	-0.003060289	0.048371674	0.42888594	1
Heart_Failure	mast_cell	<i>RUFY2</i>	0.002685415	0.012124645	0.322387162	1
Heart_Failure	mast_cell	<i>RUFY3</i>	0.001896777	0.012309273	0.322387162	1
Heart_Failure	mast_cell	<i>SI00A8</i>	-0.002722686	0.009043969	0.316933849	1
Heart_Failure	mast_cell	<i>SI00A9</i>	-0.001599109	0.015648468	0.338823352	1
Heart_Failure	mast_cell	<i>SAMD9</i>	-0.002996827	0.027666045	0.383470579	1
Heart_Failure	mast_cell	<i>SDC4</i>	0.010251247	0.03742885	0.409908482	1
Heart_Failure	mast_cell	<i>SDK1</i>	0.000853792	0.024447637	0.374613022	1
Heart_Failure	mast_cell	<i>SEC14L1</i>	-0.001071693	0.026101457	0.375965576	1
Heart_Failure	mast_cell	<i>SELENBP1</i>	0.004784553	0.005386894	0.300989284	1
Heart_Failure	mast_cell	<i>SEMA3E</i>	0.003042297	0.028324832	0.383470579	1
Heart_Failure	mast_cell	<i>SEMA4D</i>	-0.001562218	0.001772111	0.264979678	1
Heart_Failure	mast_cell	<i>Sep-10</i>	0.003551705	0.007111133	0.309168274	1
Heart_Failure	mast_cell	<i>SFXN3</i>	0.005257148	0.044876499	0.418566912	1
Heart_Failure	mast_cell	<i>SGCE</i>	0.003921495	0.004114738	0.298130314	1
Heart_Failure	mast_cell	<i>SH3BGR</i>	0.013298509	0.006246586	0.305980328	1
Heart_Failure	mast_cell	<i>SH3D19</i>	0.001164466	0.000941436	0.264979678	1
Heart_Failure	mast_cell	<i>SH3PXD2B</i>	0.001421378	0.024753779	0.375220533	1
Heart_Failure	mast_cell	<i>SHC2</i>	0.00782041	0.006725177	0.309168274	1
Heart_Failure	mast_cell	<i>SHMT1</i>	0.0037519	0.012241592	0.322387162	1
Heart_Failure	mast_cell	<i>SIRPB1</i>	-0.011929814	0.002350523	0.264979678	1
Heart_Failure	mast_cell	<i>SIRPB2</i>	-0.002961241	0.020314541	0.359170702	1
Heart_Failure	mast_cell	<i>SLC16A4</i>	0.002762006	0.024361462	0.374613022	1
Heart_Failure	mast_cell	<i>SLC1A5</i>	0.00944685	0.004323964	0.298876848	1
Heart_Failure	mast_cell	<i>SLC22A23</i>	0.001650372	0.018858183	0.356613588	1
Heart_Failure	mast_cell	<i>SLC22A5</i>	0.004969083	0.032234196	0.397392596	1
Heart_Failure	mast_cell	<i>SLC25A16</i>	0.002734747	0.04386396	0.418566912	1
Heart_Failure	mast_cell	<i>SLC25A27</i>	0.002579299	0.020592255	0.359822565	1
Heart_Failure	mast_cell	<i>SLC25A37</i>	-0.000812051	0.042706656	0.418566912	1
Heart_Failure	mast_cell	<i>SLC2A10</i>	0.007187929	0.025053766	0.375220533	1
Heart_Failure	mast_cell	<i>SLC41A2</i>	0.002442879	0.048914042	0.430504899	1
Heart_Failure	mast_cell	<i>SLC41A3</i>	0.004844375	0.044743161	0.418566912	1
Heart_Failure	mast_cell	<i>SLC44A2</i>	-0.001866944	0.047706065	0.426034655	1
Heart_Failure	mast_cell	<i>SLCO3A1</i>	-0.001089263	0.000115146	0.264979678	0.688113357
Heart_Failure	mast_cell	<i>SMARCE1</i>	0.002959418	0.020278113	0.359170702	1
Heart_Failure	mast_cell	<i>SMCHD1</i>	-0.000596277	0.0030417	0.284018746	1
Heart_Failure	mast_cell	<i>SMIM12</i>	0.003156858	0.035933464	0.405760156	1
Heart_Failure	mast_cell	<i>SMIM8</i>	0.003879566	0.017245544	0.348166786	1

Heart_Failure	mast_cell	<i>SMYD4</i>	0.003146125	0.02618823	0.376203998	1
Heart_Failure	mast_cell	<i>SNAPC5</i>	0.006456781	0.019513105	0.358023325	1
Heart_Failure	mast_cell	<i>SNHG18</i>	0.012563192	0.011971709	0.322387162	1
Heart_Failure	mast_cell	<i>SNRPE</i>	-0.004483072	0.016459125	0.341857913	1
Heart_Failure	mast_cell	<i>SNTB2</i>	0.001673555	0.044464435	0.418566912	1
Heart_Failure	mast_cell	<i>SNTG2</i>	0.000990235	0.016855216	0.34265319	1
Heart_Failure	mast_cell	<i>SP110</i>	-0.00187887	0.005633474	0.300989284	1
Heart_Failure	mast_cell	<i>SPAG17</i>	0.00319829	0.042998851	0.418566912	1
Heart_Failure	mast_cell	<i>SPATA22</i>	0.002941373	0.012443958	0.322387162	1
Heart_Failure	mast_cell	<i>SPATA5L1</i>	0.007329771	0.033545214	0.4009324	1
Heart_Failure	mast_cell	<i>SPICE1</i>	0.00252652	0.042528164	0.418566912	1
Heart_Failure	mast_cell	<i>SPINK5</i>	0.018958243	0.046013047	0.420503553	1
Heart_Failure	mast_cell	<i>SPRTN</i>	0.003755931	0.011887926	0.322387162	1
Heart_Failure	mast_cell	<i>SPTBN1</i>	0.000898609	0.002374051	0.264979678	1
Heart_Failure	mast_cell	<i>SRGAP1</i>	0.001874058	0.007191163	0.309168274	1
Heart_Failure	mast_cell	<i>SRPK2</i>	-0.000656367	0.008580757	0.316933849	1
Heart_Failure	mast_cell	<i>SSC5D</i>	0.00451861	0.047666393	0.426034655	1
Heart_Failure	mast_cell	<i>ST3GAL6</i>	0.002154928	0.048986501	0.430504899	1
Heart_Failure	mast_cell	<i>STARD9</i>	0.001430216	0.009969571	0.322387162	1
Heart_Failure	mast_cell	<i>STK17B</i>	-0.001013649	0.013212305	0.323593174	1
Heart_Failure	mast_cell	<i>STK33</i>	0.005079776	0.018571431	0.355209773	1
Heart_Failure	mast_cell	<i>STOML1</i>	-0.012758422	0.010835951	0.322387162	1
Heart_Failure	mast_cell	<i>STON1</i>	0.007953313	0.010013995	0.322387162	1
Heart_Failure	mast_cell	<i>STPG1</i>	0.005593964	0.025293765	0.375220533	1
Heart_Failure	mast_cell	<i>STRN3</i>	0.001870476	0.044562824	0.418566912	1
Heart_Failure	mast_cell	<i>SULT1B1</i>	-0.006948134	0.021576622	0.367238462	1
Heart_Failure	mast_cell	<i>SULT1C2</i>	0.021411336	0.000993336	0.264979678	1
Heart_Failure	mast_cell	<i>SULT1C4</i>	0.006689	0.003854917	0.298130314	1
Heart_Failure	mast_cell	<i>SUN1</i>	0.001965775	0.007727025	0.316933849	1
Heart_Failure	mast_cell	<i>SV2B</i>	0.005919265	0.02386436	0.374613022	1
Heart_Failure	mast_cell	<i>SVEP1</i>	0.001286381	0.031365806	0.393785829	1
Heart_Failure	mast_cell	<i>SYK</i>	-0.000763662	0.010845324	0.322387162	1
Heart_Failure	mast_cell	<i>TACC1</i>	0.000938807	0.040757673	0.417979166	1
Heart_Failure	mast_cell	<i>TACC2</i>	0.002812249	0.011112048	0.322387162	1
Heart_Failure	mast_cell	<i>TAS2R31</i>	0.021123267	0.027204393	0.379844517	1
Heart_Failure	mast_cell	<i>TBC1D22A</i>	-0.000916429	0.039124277	0.416718326	1
Heart_Failure	mast_cell	<i>TCTA</i>	0.003466523	0.046207739	0.420503553	1
Heart_Failure	mast_cell	<i>TEF</i>	0.006549634	0.013530182	0.32742197	1
Heart_Failure	mast_cell	<i>TFEB</i>	-0.002993558	0.012846574	0.322387162	1
Heart_Failure	mast_cell	<i>THUMPD3</i>	0.004511492	0.03396291	0.402696487	1
Heart_Failure	mast_cell	<i>TIMM22</i>	0.00581425	0.041551605	0.418566912	1
Heart_Failure	mast_cell	<i>TK2</i>	0.004114922	0.026011127	0.375965576	1
Heart_Failure	mast_cell	<i>TLE1</i>	0.001351807	0.039134648	0.416718326	1
Heart_Failure	mast_cell	<i>TLN2</i>	0.001234192	0.010878513	0.322387162	1
Heart_Failure	mast_cell	<i>TMCC2</i>	0.017107983	0.001504707	0.264979678	1
Heart_Failure	mast_cell	<i>TMCC3</i>	-0.002730457	0.008339131	0.316933849	1
Heart_Failure	mast_cell	<i>TMCO1</i>	0.003287771	0.008918613	0.316933849	1
Heart_Failure	mast_cell	<i>TMCO6</i>	0.00562887	0.035947046	0.405760156	1
Heart_Failure	mast_cell	<i>TMEM136</i>	0.014077685	0.001759355	0.264979678	1
Heart_Failure	mast_cell	<i>TMEM17</i>	0.009968711	0.036532479	0.40883538	1
Heart_Failure	mast_cell	<i>TMEM220</i>	0.002777271	0.016488699	0.341857913	1
Heart_Failure	mast_cell	<i>TMEM241</i>	0.003249205	0.000357592	0.264979678	1

Heart_Failure	mast_cell	<i>TMEM63B</i>	0.00547619	0.036134704	0.405834597	1
Heart_Failure	mast_cell	<i>TMEM98</i>	0.006094471	0.016357334	0.341857913	1
Heart_Failure	mast_cell	<i>TNFAIP8L1</i>	0.005990451	0.030565225	0.392409897	1
Heart_Failure	mast_cell	<i>TNFRSF10C</i>	-0.001764164	0.01057959	0.322387162	1
Heart_Failure	mast_cell	<i>TNFSF10</i>	-0.001832861	0.032280399	0.397392596	1
Heart_Failure	mast_cell	<i>TNPO2</i>	0.003289737	0.001778871	0.264979678	1
Heart_Failure	mast_cell	<i>TOP1MT</i>	0.007593167	0.044416523	0.418566912	1
Heart_Failure	mast_cell	<i>TP63</i>	0.00545418	0.040612821	0.417731869	1
Heart_Failure	mast_cell	<i>TPX2</i>	0.023974146	0.014803108	0.331323489	1
Heart_Failure	mast_cell	<i>TRAF3IP2</i>	0.004430642	0.030334754	0.392409897	1
Heart_Failure	mast_cell	<i>TRIM2</i>	0.004771521	0.001658329	0.264979678	1
Heart_Failure	mast_cell	<i>TRIM32</i>	0.011778975	0.010958745	0.322387162	1
Heart_Failure	mast_cell	<i>TRIM66</i>	0.004553218	0.03352837	0.4009324	1
Heart_Failure	mast_cell	<i>TRIP10</i>	0.002591899	0.020005629	0.35902481	1
Heart_Failure	mast_cell	<i>TSHZ2</i>	0.00065807	0.002616098	0.264979678	1
Heart_Failure	mast_cell	<i>TSPAN4</i>	0.003140825	0.02931467	0.389298817	1
Heart_Failure	mast_cell	<i>TTC21B</i>	0.002093357	0.021108151	0.366614116	1
Heart_Failure	mast_cell	<i>TTLL11</i>	0.003432298	0.034284614	0.402831814	1
Heart_Failure	mast_cell	<i>TTPA</i>	0.008208568	0.02545675	0.375220533	1
Heart_Failure	mast_cell	<i>TUBB8</i>	-0.01503911	0.003623972	0.298130314	1
Heart_Failure	mast_cell	<i>TUBG2</i>	0.00763501	0.002157042	0.264979678	1
Heart_Failure	mast_cell	<i>TULP3</i>	0.00244281	0.014470492	0.330507386	1
Heart_Failure	mast_cell	<i>TYK2</i>	-0.003438189	0.037588663	0.409908482	1
Heart_Failure	mast_cell	<i>UACA</i>	0.001134684	0.032795187	0.397392596	1
Heart_Failure	mast_cell	<i>UBAP1L</i>	0.007834237	0.007691499	0.316933849	1
Heart_Failure	mast_cell	<i>UBASH3B</i>	-0.002140321	0.041525272	0.418566912	1
Heart_Failure	mast_cell	<i>UBN1</i>	-0.001706616	0.006548391	0.309168274	1
Heart_Failure	mast_cell	<i>UBXN2A</i>	0.003365748	0.030735944	0.392409897	1
Heart_Failure	mast_cell	<i>UGGT2</i>	0.001532328	0.016857436	0.34265319	1
Heart_Failure	mast_cell	<i>UGP2</i>	0.001932716	0.002965975	0.28134393	1
Heart_Failure	mast_cell	<i>UNC45A</i>	0.005715317	0.034424819	0.402831814	1
Heart_Failure	mast_cell	<i>USP15</i>	-0.000967216	0.002403591	0.264979678	1
Heart_Failure	mast_cell	<i>USP40</i>	0.003025914	0.00956501	0.320122992	1
Heart_Failure	mast_cell	<i>USP53</i>	0.001426305	0.013564105	0.32742197	1
Heart_Failure	mast_cell	<i>VAMP8</i>	0.006954313	0.006239033	0.305980328	1
Heart_Failure	mast_cell	<i>VEZT</i>	0.002192529	0.019523928	0.358023325	1
Heart_Failure	mast_cell	<i>VMP1</i>	-0.000555247	0.018649158	0.355209773	1
Heart_Failure	mast_cell	<i>VNN2</i>	-0.00182051	0.012155571	0.322387162	1
Heart_Failure	mast_cell	<i>VNN3</i>	-0.004295878	0.019590634	0.358023325	1
Heart_Failure	mast_cell	<i>VPS8</i>	-0.001535174	0.019086538	0.357555537	1
Heart_Failure	mast_cell	<i>VSIG10</i>	0.006103359	0.000541382	0.264979678	1
Heart_Failure	mast_cell	<i>VTI1A</i>	-0.00104011	0.029443078	0.3901371	1
Heart_Failure	mast_cell	<i>WASF3</i>	0.003178158	0.002356965	0.264979678	1
Heart_Failure	mast_cell	<i>WBP4</i>	0.003214933	0.040016805	0.417731869	1
Heart_Failure	mast_cell	<i>WDFY4</i>	-0.001410335	0.010443129	0.322387162	1
Heart_Failure	mast_cell	<i>WDR19</i>	0.003000517	0.037511339	0.409908482	1
Heart_Failure	mast_cell	<i>WDR24</i>	0.006128877	0.042021628	0.418566912	1
Heart_Failure	mast_cell	<i>WDR27</i>	0.002173896	0.023644593	0.374613022	1
Heart_Failure	mast_cell	<i>WDR41</i>	0.0032384	0.012308028	0.322387162	1
Heart_Failure	mast_cell	<i>WDR60</i>	0.002657356	0.006601071	0.309168274	1
Heart_Failure	mast_cell	<i>WDR78</i>	0.00527949	0.028656864	0.384839148	1
Heart_Failure	mast_cell	<i>WDR86</i>	0.005340369	0.028917344	0.386015327	1

Heart_Failure	mast_cell	<i>WDR93</i>	0.003773506	0.019827968	0.35902481	1
Heart_Failure	mast_cell	<i>WDYHV1</i>	0.005194801	0.041133448	0.418566912	1
Heart_Failure	mast_cell	<i>WFS1</i>	0.005730076	0.005490559	0.300989284	1
Heart_Failure	mast_cell	<i>WIPF1</i>	-0.000891251	0.025259092	0.375220533	1
Heart_Failure	mast_cell	<i>WNT5A</i>	0.010969048	0.00845201	0.316933849	1
Heart_Failure	mast_cell	<i>WWTR1</i>	0.001667837	0.004668654	0.299683079	1
Heart_Failure	mast_cell	<i>XPO6</i>	-0.000940026	0.010237422	0.322387162	1
Heart_Failure	mast_cell	<i>XXYLT1</i>	0.004202588	0.045886815	0.420503553	1
Heart_Failure	mast_cell	<i>YPEL3</i>	-0.00246073	0.028270532	0.383470579	1
Heart_Failure	mast_cell	<i>YPEL4</i>	0.019264328	0.044608061	0.418566912	1
Heart_Failure	mast_cell	<i>ZC2HC1A</i>	0.002120651	0.029832034	0.390581126	1
Heart_Failure	mast_cell	<i>ZFHX4</i>	0.001937845	0.015430695	0.336546835	1
Heart_Failure	mast_cell	<i>ZFPM2</i>	0.000741506	0.005046905	0.300989284	1
Heart_Failure	mast_cell	<i>ZNF114</i>	0.014673712	0.042872707	0.418566912	1
Heart_Failure	mast_cell	<i>ZNF117</i>	0.003605481	0.003970564	0.298130314	1
Heart_Failure	mast_cell	<i>ZNF135</i>	0.007494955	0.004773276	0.299683079	1
Heart_Failure	mast_cell	<i>ZNF143</i>	-0.004565846	0.002124659	0.264979678	1
Heart_Failure	mast_cell	<i>ZNF208</i>	0.003436118	0.024281312	0.374613022	1
Heart_Failure	mast_cell	<i>ZNF283</i>	0.008229875	0.003128085	0.287591365	1
Heart_Failure	mast_cell	<i>ZNF302</i>	0.002048718	0.035104093	0.405760156	1
Heart_Failure	mast_cell	<i>ZNF311</i>	0.014099571	0.035826733	0.405760156	1
Heart_Failure	mast_cell	<i>ZNF33A</i>	-0.003197122	0.003678719	0.298130314	1
Heart_Failure	mast_cell	<i>ZNF345</i>	0.002767976	0.033176496	0.399723262	1
Heart_Failure	mast_cell	<i>ZNF396</i>	0.013572898	0.041285284	0.418566912	1
Heart_Failure	mast_cell	<i>ZNF404</i>	0.010358867	0.01916672	0.357555537	1
Heart_Failure	mast_cell	<i>ZNF419</i>	0.008590571	0.03331018	0.400526424	1
Heart_Failure	mast_cell	<i>ZNF446</i>	0.005015792	0.037921651	0.412786501	1
Heart_Failure	mast_cell	<i>ZNF483</i>	0.005437418	0.017823253	0.351523967	1
Heart_Failure	mast_cell	<i>ZNF594</i>	0.004184687	0.038745071	0.415692177	1
Heart_Failure	mast_cell	<i>ZNF652</i>	-0.001598691	0.016230428	0.341857913	1
Heart_Failure	mast_cell	<i>ZNF660</i>	0.013441123	0.016346717	0.341857913	1
Heart_Failure	mast_cell	<i>ZNF682</i>	0.006494715	0.034445625	0.402831814	1
Heart_Failure	mast_cell	<i>ZNF697</i>	0.005370886	0.025115592	0.375220533	1
Heart_Failure	mast_cell	<i>ZNF704</i>	0.000950649	0.026820214	0.377384867	1
Heart_Failure	mast_cell	<i>ZNF714</i>	0.003000843	0.019863651	0.35902481	1
Heart_Failure	mast_cell	<i>ZNF721</i>	0.001458155	0.032484608	0.397392596	1
Heart_Failure	mast_cell	<i>ZNF83</i>	0.001968151	0.043582353	0.418566912	1
Heart_Failure	mast_cell	<i>ZNF862</i>	0.003181606	0.020660354	0.35995998	1
Heart_Failure	mast_cell	<i>ZSCAN23</i>	0.01296752	0.001422883	0.264979678	1
Heart_Failure	mast_cell	<i>ZSCAN31</i>	0.008853709	0.000842536	0.264979678	1
Heart_Failure	mast_cell	<i>RASD2</i>	0.019722424	0.044234088	0.418566912	1
Heart_Failure	mast_cell	<i>POLR2J2</i>	0.060567874	0.005810035	0.301571355	1
Heart_Failure	mast_cell	<i>RASA4B</i>	0.006397847	0.005214295	0.300989284	1
Heart_Failure	mast_cell	<i>SOHLH2</i>	0.00686528	0.000417109	0.264979678	1
Heart_Failure	monocyte	<i>A4GALT</i>	0.004525137	0.033035086	0.531942051	1
Heart_Failure	monocyte	<i>ABCA8</i>	0.00087398	0.024108167	0.482714511	1
Heart_Failure	monocyte	<i>ABCC8</i>	0.017210143	0.009006953	0.406440137	1
Heart_Failure	monocyte	<i>ABHD3</i>	-0.002162948	0.009953678	0.406860668	1
Heart_Failure	monocyte	<i>ABTB1</i>	-0.002962424	0.0163708	0.436392351	1
Heart_Failure	monocyte	<i>AC107021.1</i>	0.002491157	0.04500848	0.564877662	1
Heart_Failure	monocyte	<i>ACADS</i>	0.006124202	0.002882257	0.406440137	1
Heart_Failure	monocyte	<i>ACADVL</i>	0.001832419	0.037001349	0.543032561	1

Heart_Failure	monocyte	<i>ACSS3</i>	0.002019348	0.013801197	0.413756402	1
Heart_Failure	monocyte	<i>ACTR3</i>	-0.001462691	0.020397432	0.449797243	1
Heart_Failure	monocyte	<i>ACYP2</i>	0.001442083	0.019925222	0.444302705	1
Heart_Failure	monocyte	<i>ADAMTSL3</i>	0.001292303	0.027528721	0.494028943	1
Heart_Failure	monocyte	<i>ADII</i>	0.002736572	0.017404273	0.441656348	1
Heart_Failure	monocyte	<i>AGBL3</i>	0.003446706	0.031046463	0.516766737	1
Heart_Failure	monocyte	<i>AGTPBP1</i>	-0.001742181	0.004521585	0.406440137	1
Heart_Failure	monocyte	<i>AIG1</i>	0.003354019	0.018019784	0.441656348	1
Heart_Failure	monocyte	<i>AK3</i>	0.002840856	0.035915485	0.539273712	1
Heart_Failure	monocyte	<i>AKAP11</i>	-0.002074647	0.024959636	0.482714511	1
Heart_Failure	monocyte	<i>AKRIC3</i>	0.003829967	0.027068479	0.494028943	1
Heart_Failure	monocyte	<i>ALPK1</i>	-0.001307732	0.029266637	0.50214481	1
Heart_Failure	monocyte	<i>ANKLE2</i>	0.003056694	0.011604545	0.413756402	1
Heart_Failure	monocyte	<i>ANKRD26</i>	0.004831253	0.000445282	0.356371132	1
Heart_Failure	monocyte	<i>ANKRD44</i>	-0.00068062	0.001353504	0.356371132	1
Heart_Failure	monocyte	<i>AOAH</i>	-0.000445778	0.033613839	0.532770257	1
Heart_Failure	monocyte	<i>AP006621.1</i>	0.00694444	0.038688676	0.551312905	1
Heart_Failure	monocyte	<i>APBB1IP</i>	-0.000492455	0.045088127	0.564877662	1
Heart_Failure	monocyte	<i>APCDD1</i>	0.003163865	0.044927311	0.564877662	1
Heart_Failure	monocyte	<i>ARHGAP9</i>	-0.004002939	0.00170522	0.356371132	1
Heart_Failure	monocyte	<i>ARHGDIB</i>	-0.002107272	0.006342803	0.406440137	1
Heart_Failure	monocyte	<i>ARHGEF10</i>	0.005632311	0.006947815	0.406440137	1
Heart_Failure	monocyte	<i>ARHGEF7</i>	0.00119084	0.047692173	0.569322226	1
Heart_Failure	monocyte	<i>ARL17B</i>	0.003493643	0.035039466	0.535784374	1
Heart_Failure	monocyte	<i>ARPC2</i>	-0.001263893	0.003986438	0.406440137	1
Heart_Failure	monocyte	<i>ARSB</i>	-0.002372139	0.026103712	0.490552769	1
Heart_Failure	monocyte	<i>ASAP2</i>	0.001722013	0.018370676	0.441656348	1
Heart_Failure	monocyte	<i>ASB14</i>	0.00516635	0.036365306	0.540594705	1
Heart_Failure	monocyte	<i>ASCC1</i>	0.004424559	0.01318806	0.413756402	1
Heart_Failure	monocyte	<i>ATE1</i>	0.001936933	0.036458461	0.540634646	1
Heart_Failure	monocyte	<i>ATF6</i>	-0.001194947	0.023872677	0.482714511	1
Heart_Failure	monocyte	<i>ATG14</i>	0.002927157	0.007175954	0.406440137	1
Heart_Failure	monocyte	<i>ATG7</i>	-0.000830943	0.022620127	0.472792794	1
Heart_Failure	monocyte	<i>ATL2</i>	0.002415201	0.04681265	0.568368447	1
Heart_Failure	monocyte	<i>ATL3</i>	0.002048113	0.020664002	0.453512262	1
Heart_Failure	monocyte	<i>ATXN10</i>	0.001669642	0.045738658	0.565406638	1
Heart_Failure	monocyte	<i>ATXN2</i>	0.000837245	0.040364514	0.551987042	1
Heart_Failure	monocyte	<i>AUTS2</i>	0.000812797	0.001846074	0.367737853	1
Heart_Failure	monocyte	<i>B3GNTL1</i>	-0.004652167	0.011442135	0.413756402	1
Heart_Failure	monocyte	<i>BALAP2L2</i>	0.00338782	0.03485031	0.535784374	1
Heart_Failure	monocyte	<i>BASP1</i>	-0.001044324	0.029493445	0.50214481	1
Heart_Failure	monocyte	<i>BCAP29</i>	0.003699252	0.031374684	0.516766737	1
Heart_Failure	monocyte	<i>BCO2</i>	0.007270333	0.021804123	0.468710209	1
Heart_Failure	monocyte	<i>BEAN1</i>	0.005417126	0.004505278	0.406440137	1
Heart_Failure	monocyte	<i>BPHL</i>	0.004226035	0.048141605	0.570821882	1
Heart_Failure	monocyte	<i>BTBD3</i>	0.003563826	0.044853205	0.564877662	1
Heart_Failure	monocyte	<i>C17orf58</i>	0.003858351	0.043413804	0.562752584	1
Heart_Failure	monocyte	<i>C19orf71</i>	-0.008966783	0.03332256	0.531942051	1
Heart_Failure	monocyte	<i>C1QTNF7</i>	0.002704764	0.007071424	0.406440137	1
Heart_Failure	monocyte	<i>C2CD2</i>	0.002417505	0.026796547	0.494028943	1
Heart_Failure	monocyte	<i>C2orf88</i>	0.002637889	0.046396539	0.568167456	1
Heart_Failure	monocyte	<i>C5AR1</i>	-0.001579657	0.002754715	0.406440137	1

Heart_Failure	monocyte	<i>C7</i>	0.004727611	0.038146763	0.550640226	1
Heart_Failure	monocyte	<i>CACNA2D1</i>	0.001071549	0.009468059	0.406860668	1
Heart_Failure	monocyte	<i>CAMSAP2</i>	0.002078096	0.01856527	0.441656348	1
Heart_Failure	monocyte	<i>CASP7</i>	0.00426647	0.019356321	0.441656348	1
Heart_Failure	monocyte	<i>CASP8</i>	-0.001668509	0.013286512	0.413756402	1
Heart_Failure	monocyte	<i>CAT</i>	0.001768137	0.04105565	0.556345947	1
Heart_Failure	monocyte	<i>CBL</i>	-0.002042424	0.009259916	0.406440137	1
Heart_Failure	monocyte	<i>CCDC102B</i>	0.001547281	0.031389947	0.516766737	1
Heart_Failure	monocyte	<i>CCDC171</i>	0.00353623	0.038964247	0.551312905	1
Heart_Failure	monocyte	<i>CCDC36</i>	0.004167454	0.018280486	0.441656348	1
Heart_Failure	monocyte	<i>CCDC40</i>	0.007469972	0.021231126	0.461371679	1
Heart_Failure	monocyte	<i>CCL4</i>	-0.00231314	0.013426331	0.413756402	1
Heart_Failure	monocyte	<i>CD14</i>	-0.003045997	0.002415338	0.406440137	1
Heart_Failure	monocyte	<i>CDA</i>	-0.003194011	0.016992817	0.441656348	1
Heart_Failure	monocyte	<i>CDC42BPA</i>	0.001091012	0.008481646	0.406440137	1
Heart_Failure	monocyte	<i>CDK19</i>	-0.001506931	0.039370075	0.551312905	1
Heart_Failure	monocyte	<i>CDON</i>	0.001586105	0.033314116	0.531942051	1
Heart_Failure	monocyte	<i>CEACAM4</i>	-0.00803212	0.004392305	0.406440137	1
Heart_Failure	monocyte	<i>CEP112</i>	0.001279545	0.009024755	0.406440137	1
Heart_Failure	monocyte	<i>CEP19</i>	-0.009004624	0.008732381	0.406440137	1
Heart_Failure	monocyte	<i>CEP290</i>	0.002431854	0.033972329	0.532857322	1
Heart_Failure	monocyte	<i>CHI3L1</i>	-0.004049147	0.019162517	0.441656348	1
Heart_Failure	monocyte	<i>CHRD2</i>	-0.013339061	0.028953758	0.50214481	1
Heart_Failure	monocyte	<i>CHST11</i>	-0.000792282	0.000493966	0.356371132	1
Heart_Failure	monocyte	<i>CLCN6</i>	0.004787895	0.01361041	0.413756402	1
Heart_Failure	monocyte	<i>CLEC4E</i>	-0.002052622	0.01086363	0.413756402	1
Heart_Failure	monocyte	<i>CLSTN2</i>	0.003731478	0.000946525	0.356371132	1
Heart_Failure	monocyte	<i>CLTCL1</i>	0.003226339	0.046981612	0.568368447	1
Heart_Failure	monocyte	<i>COBLL1</i>	0.000874758	0.040911349	0.5556505	1
Heart_Failure	monocyte	<i>COL6A1</i>	0.001073926	0.018763535	0.441656348	1
Heart_Failure	monocyte	<i>COPG2</i>	0.003453628	0.02663659	0.494028943	1
Heart_Failure	monocyte	<i>COTL1</i>	-0.002240772	0.011848434	0.413756402	1
Heart_Failure	monocyte	<i>CPPED1</i>	-0.000808381	0.006048412	0.406440137	1
Heart_Failure	monocyte	<i>CPVL</i>	-0.000741561	0.042836665	0.561558027	1
Heart_Failure	monocyte	<i>CREB3L1</i>	0.007859691	0.042660499	0.561558027	1
Heart_Failure	monocyte	<i>CRMP1</i>	0.004577434	0.020207561	0.447260673	1
Heart_Failure	monocyte	<i>CTBS</i>	-0.003018959	0.005644869	0.406440137	1
Heart_Failure	monocyte	<i>CTDNEP1</i>	-0.00870678	0.031202573	0.516766737	1
Heart_Failure	monocyte	<i>CTSS</i>	-0.000875375	0.00740103	0.406440137	1
Heart_Failure	monocyte	<i>CTS2</i>	-0.002973034	0.030245292	0.509143288	1
Heart_Failure	monocyte	<i>CUTC</i>	0.00200626	0.017542123	0.441656348	1
Heart_Failure	monocyte	<i>CYFIP1</i>	0.001286624	0.040233405	0.551456028	1
Heart_Failure	monocyte	<i>CYGB</i>	0.00584621	0.049504718	0.581218457	1
Heart_Failure	monocyte	<i>CYP2U1</i>	0.008013734	0.004462755	0.406440137	1
Heart_Failure	monocyte	<i>CYTH1</i>	-0.000866478	0.024640408	0.482714511	1
Heart_Failure	monocyte	<i>DCBLD2</i>	0.003509761	0.001129521	0.356371132	1
Heart_Failure	monocyte	<i>DGP2</i>	-0.003068529	0.015103604	0.428544433	1
Heart_Failure	monocyte	<i>DENND5A</i>	-0.001147027	0.047473499	0.569322226	1
Heart_Failure	monocyte	<i>DFNA5</i>	0.007883284	0.017689923	0.441656348	1
Heart_Failure	monocyte	<i>DHX34</i>	-0.002376982	0.009952903	0.406860668	1
Heart_Failure	monocyte	<i>DIAPH1</i>	-0.001220528	0.045515041	0.565406638	1
Heart_Failure	monocyte	<i>DIRC3</i>	0.001096877	0.025620696	0.488095778	1

Heart_Failure	monocyte	<i>DISC1</i>	-0.001302885	0.034431798	0.535784374	1
Heart_Failure	monocyte	<i>DLG5</i>	0.004523344	0.001153986	0.356371132	1
Heart_Failure	monocyte	<i>DMRT2</i>	0.00838078	0.018947639	0.441656348	1
Heart_Failure	monocyte	<i>DMTF1</i>	0.001381512	0.046722956	0.568368447	1
Heart_Failure	monocyte	<i>DMTN</i>	0.008336719	0.004886708	0.406440137	1
Heart_Failure	monocyte	<i>DNAJB14</i>	-0.00274571	0.009635221	0.406860668	1
Heart_Failure	monocyte	<i>DOCK1</i>	0.001072977	0.012870221	0.413756402	1
Heart_Failure	monocyte	<i>DOCK5</i>	-0.000471213	0.023330525	0.475847163	1
Heart_Failure	monocyte	<i>DOCK6</i>	0.002914638	0.015616859	0.434165511	1
Heart_Failure	monocyte	<i>DOCK7</i>	0.002485884	0.016081908	0.436392351	1
Heart_Failure	monocyte	<i>DOCK8</i>	-0.000475083	0.033848722	0.532857322	1
Heart_Failure	monocyte	<i>DTWD1</i>	0.002922375	0.015645347	0.434165511	1
Heart_Failure	monocyte	<i>DTX1</i>	0.005800946	0.01027692	0.412180348	1
Heart_Failure	monocyte	<i>DYNC2L1I</i>	0.002411204	0.041555678	0.558060076	1
Heart_Failure	monocyte	<i>ECHDC2</i>	0.001946139	0.002133195	0.398374253	1
Heart_Failure	monocyte	<i>ECM2</i>	0.001823628	0.027496896	0.494028943	1
Heart_Failure	monocyte	<i>EFCAB13</i>	0.002683489	0.013839576	0.413756402	1
Heart_Failure	monocyte	<i>EFCAB2</i>	0.002478665	0.038881833	0.551312905	1
Heart_Failure	monocyte	<i>EFCAB6</i>	0.004167525	0.036019089	0.539473875	1
Heart_Failure	monocyte	<i>EFEMP1</i>	0.001181851	0.044976705	0.564877662	1
Heart_Failure	monocyte	<i>EGFR</i>	0.001100155	0.027347841	0.494028943	1
Heart_Failure	monocyte	<i>ELL</i>	-0.002624088	0.008902207	0.406440137	1
Heart_Failure	monocyte	<i>EMB</i>	-0.001384575	0.018631	0.441656348	1
Heart_Failure	monocyte	<i>ENOSF1</i>	0.002127485	0.00468962	0.406440137	1
Heart_Failure	monocyte	<i>EPB41</i>	-0.001303882	0.003815907	0.406440137	1
Heart_Failure	monocyte	<i>EPB41L4A</i>	0.001207868	0.019437018	0.441656348	1
Heart_Failure	monocyte	<i>EPHB1</i>	-0.000735189	0.018366084	0.441656348	1
Heart_Failure	monocyte	<i>EPN2</i>	0.00133769	0.019302594	0.441656348	1
Heart_Failure	monocyte	<i>ERGIC2</i>	-0.003865816	0.008687956	0.406440137	1
Heart_Failure	monocyte	<i>ERI2</i>	0.004535485	0.012092685	0.413756402	1
Heart_Failure	monocyte	<i>ETV6</i>	-0.000905761	0.022335275	0.471645251	1
Heart_Failure	monocyte	<i>EZH1</i>	0.002307266	0.041843043	0.559404981	1
Heart_Failure	monocyte	<i>FAHD1</i>	-0.010575898	0.008604223	0.406440137	1
Heart_Failure	monocyte	<i>FAM196A</i>	0.002235915	0.018944795	0.441656348	1
Heart_Failure	monocyte	<i>FAM19A2</i>	-0.003378438	0.015157287	0.428544433	1
Heart_Failure	monocyte	<i>FAM227B</i>	0.002930707	0.012035855	0.413756402	1
Heart_Failure	monocyte	<i>FASN</i>	0.006113913	0.005327851	0.406440137	1
Heart_Failure	monocyte	<i>FBXL18</i>	0.004986678	0.010437577	0.413079195	1
Heart_Failure	monocyte	<i>FBXO17</i>	0.003638714	0.029416997	0.50214481	1
Heart_Failure	monocyte	<i>FBXO39</i>	0.021878101	0.017460762	0.441656348	1
Heart_Failure	monocyte	<i>FCAR</i>	-0.003871989	0.016357146	0.436392351	1
Heart_Failure	monocyte	<i>FCGRT</i>	-0.001284543	0.047824591	0.569322226	1
Heart_Failure	monocyte	<i>FDPS</i>	0.003431999	0.043117676	0.562752584	1
Heart_Failure	monocyte	<i>FGFBP3</i>	0.010217646	0.011299811	0.413756402	1
Heart_Failure	monocyte	<i>FGFR1</i>	0.001580403	0.008229434	0.406440137	1
Heart_Failure	monocyte	<i>FHOD3</i>	0.003296606	0.004944244	0.406440137	1
Heart_Failure	monocyte	<i>FILIP1</i>	0.001591274	0.028495911	0.499388744	1
Heart_Failure	monocyte	<i>FJX1</i>	-0.014288587	0.039637307	0.551312905	1
Heart_Failure	monocyte	<i>FLG</i>	0.013852118	0.005282102	0.406440137	1
Heart_Failure	monocyte	<i>FLRT2</i>	0.001049856	0.023640878	0.480537025	1
Heart_Failure	monocyte	<i>FNBP1</i>	-0.000869346	0.034188473	0.533447301	1
Heart_Failure	monocyte	<i>FOXP2</i>	0.001475764	0.005147697	0.406440137	1

Heart_Failure	monocyte	<i>FPGT</i>	0.006445205	0.006307339	0.406440137	1
Heart_Failure	monocyte	<i>FPR1</i>	-0.002144705	0.001276958	0.356371132	1
Heart_Failure	monocyte	<i>FREMI</i>	0.001412217	0.017187326	0.441656348	1
Heart_Failure	monocyte	<i>FRS3</i>	-0.006793359	0.012760755	0.413756402	1
Heart_Failure	monocyte	<i>FST</i>	0.009096238	0.011115957	0.413756402	1
Heart_Failure	monocyte	<i>FSTL1</i>	0.000923943	0.043899144	0.564174801	1
Heart_Failure	monocyte	<i>FXYP6</i>	0.009359186	0.013943046	0.413756402	1
Heart_Failure	monocyte	<i>GAL3ST4</i>	0.011821306	0.019673444	0.442426286	1
Heart_Failure	monocyte	<i>GARNL3</i>	0.003145854	0.013985742	0.413756402	1
Heart_Failure	monocyte	<i>GAS2</i>	0.004769375	0.030118129	0.509003934	1
Heart_Failure	monocyte	<i>GAS2L1</i>	0.005452127	0.044255479	0.564877662	1
Heart_Failure	monocyte	<i>GBP5</i>	-0.003200972	0.014309931	0.415126919	1
Heart_Failure	monocyte	<i>GDPD5</i>	0.005054317	0.024718906	0.482714511	1
Heart_Failure	monocyte	<i>GHR</i>	0.000983543	0.015202714	0.428544433	1
Heart_Failure	monocyte	<i>GLIPR1</i>	-0.002053396	0.031645595	0.517858367	1
Heart_Failure	monocyte	<i>GLIPR1L1</i>	0.004628281	0.029478641	0.50214481	1
Heart_Failure	monocyte	<i>GLIPR2</i>	-0.002853802	0.011128526	0.413756402	1
Heart_Failure	monocyte	<i>GLOD4</i>	-0.007810691	0.027898062	0.49471459	1
Heart_Failure	monocyte	<i>GLRX</i>	0.001526651	0.041506536	0.558060076	1
Heart_Failure	monocyte	<i>GNPDA1</i>	-0.002542922	0.048130194	0.570821882	1
Heart_Failure	monocyte	<i>GOLIM4</i>	0.003579903	0.008503422	0.406440137	1
Heart_Failure	monocyte	<i>GPHN</i>	0.001329324	0.008633966	0.406440137	1
Heart_Failure	monocyte	<i>GPN2</i>	-0.004453362	0.042622115	0.561558027	1
Heart_Failure	monocyte	<i>GPR135</i>	0.004877354	0.039853945	0.551312905	1
Heart_Failure	monocyte	<i>GRAMD1C</i>	-0.003684018	0.010008119	0.406860668	1
Heart_Failure	monocyte	<i>GREB1L</i>	0.002320944	0.009904314	0.406860668	1
Heart_Failure	monocyte	<i>GSK3B</i>	-0.001658661	0.039628708	0.551312905	1
Heart_Failure	monocyte	<i>GSTM2</i>	0.004726311	0.018843483	0.441656348	1
Heart_Failure	monocyte	<i>GTF2IRD1</i>	0.003800762	0.04760474	0.569322226	1
Heart_Failure	monocyte	<i>GULP1</i>	0.00185876	0.009935574	0.406860668	1
Heart_Failure	monocyte	<i>GYPC</i>	0.002098818	0.034864537	0.535784374	1
Heart_Failure	monocyte	<i>HCG17</i>	0.00268756	0.013523928	0.413756402	1
Heart_Failure	monocyte	<i>HCLSI</i>	-0.001651721	0.003522951	0.406440137	1
Heart_Failure	monocyte	<i>HIBCH</i>	0.001551549	0.011611394	0.413756402	1
Heart_Failure	monocyte	<i>HIST1H4E</i>	-0.011615458	0.024906235	0.482714511	1
Heart_Failure	monocyte	<i>HLA-A</i>	-0.000807918	0.040130708	0.551312905	1
Heart_Failure	monocyte	<i>HLA-B</i>	-0.000912416	0.001347548	0.356371132	1
Heart_Failure	monocyte	<i>HLA-C</i>	-0.000907183	0.028232807	0.499169398	1
Heart_Failure	monocyte	<i>HLA-DQB1</i>	-0.001189645	0.04620855	0.568167456	1
Heart_Failure	monocyte	<i>HLA-E</i>	-0.001394918	0.006572259	0.406440137	1
Heart_Failure	monocyte	<i>HMG20A</i>	0.002429958	0.024576528	0.482714511	1
Heart_Failure	monocyte	<i>HOXA4</i>	0.017575871	0.014163962	0.415126919	1
Heart_Failure	monocyte	<i>HOXB6</i>	0.007110026	0.039961093	0.551312905	1
Heart_Failure	monocyte	<i>HRC</i>	0.009063868	0.027245074	0.494028943	1
Heart_Failure	monocyte	<i>HSPA12A</i>	0.002157914	0.029436844	0.50214481	1
Heart_Failure	monocyte	<i>HSPG2</i>	0.000988293	0.013714749	0.413756402	1
Heart_Failure	monocyte	<i>ICAM3</i>	-0.004006032	0.049984804	0.585511269	1
Heart_Failure	monocyte	<i>IFITM1</i>	-0.007552025	0.024583635	0.482714511	1
Heart_Failure	monocyte	<i>IFNAR2</i>	-0.001485565	0.009055852	0.406440137	1
Heart_Failure	monocyte	<i>IGF2R</i>	-0.000803183	0.013041738	0.413756402	1
Heart_Failure	monocyte	<i>IKBIP</i>	-0.002088945	0.009385666	0.406440137	1
Heart_Failure	monocyte	<i>IL17RA</i>	-0.001883947	0.004877982	0.406440137	1

Heart_Failure	monocyte	<i>IL4</i>	-0.029449104	0.007422188	0.406440137	1
Heart_Failure	monocyte	<i>INPP4A</i>	-0.001060869	0.040472304	0.55219746	1
Heart_Failure	monocyte	<i>INVS</i>	0.002143997	0.004996454	0.406440137	1
Heart_Failure	monocyte	<i>IQGAP1</i>	-0.000974788	0.014176901	0.415126919	1
Heart_Failure	monocyte	<i>ISG20</i>	-0.003466403	0.017917103	0.441656348	1
Heart_Failure	monocyte	<i>ITGA11</i>	0.001749028	0.019434941	0.441656348	1
Heart_Failure	monocyte	<i>ITGB2</i>	-0.002364411	0.003768257	0.406440137	1
Heart_Failure	monocyte	<i>KANK2</i>	0.002755367	0.004254473	0.406440137	1
Heart_Failure	monocyte	<i>KATNAL2</i>	0.003987407	0.01884907	0.441656348	1
Heart_Failure	monocyte	<i>KBTD2</i>	-0.003765363	0.034708492	0.535784374	1
Heart_Failure	monocyte	<i>KCNB2</i>	0.002181929	0.028649962	0.50062038	1
Heart_Failure	monocyte	<i>KCNJ15</i>	-0.000745859	0.013548046	0.413756402	1
Heart_Failure	monocyte	<i>KCNMB3</i>	0.005846425	0.022859445	0.474330401	1
Heart_Failure	monocyte	<i>KIAA1586</i>	0.00359753	0.033699323	0.532770257	1
Heart_Failure	monocyte	<i>KLF14</i>	-0.015287617	0.049150838	0.579208351	1
Heart_Failure	monocyte	<i>KLHL29</i>	0.00147924	0.033938393	0.532857322	1
Heart_Failure	monocyte	<i>L3MBTL4</i>	0.001472073	0.005482091	0.406440137	1
Heart_Failure	monocyte	<i>LAMA4</i>	0.00103735	0.001194312	0.356371132	1
Heart_Failure	monocyte	<i>LAMB1</i>	0.002420636	0.005749037	0.406440137	1
Heart_Failure	monocyte	<i>LAMB2</i>	0.00246675	0.034957418	0.535784374	1
Heart_Failure	monocyte	<i>LAMC2</i>	0.013611634	0.023023022	0.474330401	1
Heart_Failure	monocyte	<i>LAMTOR4</i>	-0.003332757	0.030795163	0.5154955	1
Heart_Failure	monocyte	<i>LAPTM5</i>	-0.002039795	0.019112131	0.441656348	1
Heart_Failure	monocyte	<i>LCP2</i>	-0.001559436	0.000821163	0.356371132	1
Heart_Failure	monocyte	<i>LDHA</i>	0.003248097	0.019249263	0.441656348	1
Heart_Failure	monocyte	<i>LGALS2</i>	-0.006941231	0.0259277	0.490119752	1
Heart_Failure	monocyte	<i>LIAS</i>	0.004236048	0.02294562	0.474330401	1
Heart_Failure	monocyte	<i>LILRB3</i>	-0.002105927	0.003369578	0.406440137	1
Heart_Failure	monocyte	<i>LIMA1</i>	0.001063753	0.003770583	0.406440137	1
Heart_Failure	monocyte	<i>LINC00662</i>	0.003494356	0.043830946	0.564174801	1
Heart_Failure	monocyte	<i>LINC00969</i>	0.00181651	0.036254113	0.540594705	1
Heart_Failure	monocyte	<i>LITAF</i>	-0.00090817	0.00895115	0.406440137	1
Heart_Failure	monocyte	<i>LMO3</i>	0.001969707	0.005671029	0.406440137	1
Heart_Failure	monocyte	<i>LPL</i>	0.001184919	0.04561295	0.565406638	1
Heart_Failure	monocyte	<i>LRMP</i>	-0.001325179	0.015199989	0.428544433	1
Heart_Failure	monocyte	<i>LRRC1</i>	0.003478311	0.026599389	0.494028943	1
Heart_Failure	monocyte	<i>LRRC25</i>	-0.006124192	0.011255545	0.413756402	1
Heart_Failure	monocyte	<i>LRRK2</i>	-0.000656397	0.013046255	0.413756402	1
Heart_Failure	monocyte	<i>LTBR</i>	0.004424964	0.029971213	0.508829452	1
Heart_Failure	monocyte	<i>LURAPIL</i>	0.003104921	0.008101978	0.406440137	1
Heart_Failure	monocyte	<i>MADCAM1</i>	0.004464813	0.044652398	0.564877662	1
Heart_Failure	monocyte	<i>MAP3K5</i>	-0.001276023	0.006440728	0.406440137	1
Heart_Failure	monocyte	<i>MAP4K5</i>	0.0018163	0.006826368	0.406440137	1
Heart_Failure	monocyte	<i>MCCC1</i>	0.002005558	0.037681801	0.547751458	1
Heart_Failure	monocyte	<i>ME3</i>	0.004368386	0.00443973	0.406440137	1
Heart_Failure	monocyte	<i>MEGF9</i>	-0.000978085	0.015889128	0.434331175	1
Heart_Failure	monocyte	<i>MIPOL1</i>	0.002193866	0.013361761	0.413756402	1
Heart_Failure	monocyte	<i>MMP16</i>	0.002025439	0.027300239	0.494028943	1
Heart_Failure	monocyte	<i>MMP25</i>	-0.003016169	0.003972106	0.406440137	1
Heart_Failure	monocyte	<i>MNAT1</i>	0.002300913	0.003042513	0.406440137	1
Heart_Failure	monocyte	<i>MOB1A</i>	-0.002211725	0.021979569	0.469106806	1
Heart_Failure	monocyte	<i>MOB3A</i>	-0.002277109	0.008014755	0.406440137	1

Heart_Failure	monocyte	<i>MPV17L</i>	0.019977525	0.035273303	0.53636961	1
Heart_Failure	monocyte	<i>MPZL3</i>	-0.002840489	0.047689831	0.569322226	1
Heart_Failure	monocyte	<i>MRAS</i>	0.003291022	0.039229256	0.551312905	1
Heart_Failure	monocyte	<i>MTMR3</i>	-0.001353455	0.047155681	0.56929767	1
Heart_Failure	monocyte	<i>MUM1</i>	0.00262762	0.039224476	0.551312905	1
Heart_Failure	monocyte	<i>MX2</i>	-0.001472999	0.005971222	0.406440137	1
Heart_Failure	monocyte	<i>MXRA7</i>	0.005253141	0.030151839	0.509003934	1
Heart_Failure	monocyte	<i>MYL12A</i>	-0.003161882	0.031802882	0.517858367	1
Heart_Failure	monocyte	<i>MYO1F</i>	-0.000735554	0.000637125	0.356371132	1
Heart_Failure	monocyte	<i>MYO6</i>	0.001854319	0.032104853	0.521060334	1
Heart_Failure	monocyte	<i>MYO9A</i>	0.00102592	0.035692155	0.539273712	1
Heart_Failure	monocyte	<i>NAALAD2</i>	0.003909458	0.011546843	0.413756402	1
Heart_Failure	monocyte	<i>NACCI</i>	0.009747744	0.016232685	0.436392351	1
Heart_Failure	monocyte	<i>NBEAL1</i>	0.001181018	0.003429929	0.406440137	1
Heart_Failure	monocyte	<i>NCAM2</i>	0.004251544	0.02266062	0.472792794	1
Heart_Failure	monocyte	<i>NCKAP1</i>	0.001782653	0.002288583	0.402252108	1
Heart_Failure	monocyte	<i>NDE1</i>	-0.00121813	0.043493785	0.562752584	1
Heart_Failure	monocyte	<i>NDUF5</i>	0.00602718	0.001729378	0.356371132	1
Heart_Failure	monocyte	<i>NDUFV3</i>	0.003088992	0.017636844	0.441656348	1
Heart_Failure	monocyte	<i>NFIA</i>	0.001048688	0.000809688	0.356371132	1
Heart_Failure	monocyte	<i>NFIX</i>	0.00355398	0.00318389	0.406440137	1
Heart_Failure	monocyte	<i>NINL</i>	0.004030268	0.015771551	0.434331175	1
Heart_Failure	monocyte	<i>NPRL3</i>	0.00411994	0.036832747	0.543032561	1
Heart_Failure	monocyte	<i>NRIH3</i>	0.004340676	0.005027846	0.406440137	1
Heart_Failure	monocyte	<i>NT5C3B</i>	0.00366063	0.037541518	0.547190515	1
Heart_Failure	monocyte	<i>NT5E</i>	0.003346295	0.024193184	0.482714511	1
Heart_Failure	monocyte	<i>NUAK2</i>	-0.00613899	0.025547345	0.488095778	1
Heart_Failure	monocyte	<i>NUBP1</i>	-0.007349495	0.021925408	0.469106806	1
Heart_Failure	monocyte	<i>NUDT7</i>	0.007029437	0.049096854	0.579208351	1
Heart_Failure	monocyte	<i>ODF2</i>	0.003026587	0.006891285	0.406440137	1
Heart_Failure	monocyte	<i>OGFRL1</i>	-0.002034965	0.037766883	0.547751458	1
Heart_Failure	monocyte	<i>OSCAR</i>	-0.004393109	0.008837351	0.406440137	1
Heart_Failure	monocyte	<i>OSTF1</i>	-0.001581588	0.045782942	0.565406638	1
Heart_Failure	monocyte	<i>PADI4</i>	-0.002550152	0.007656069	0.406440137	1
Heart_Failure	monocyte	<i>PALM2</i>	0.007293132	0.003358678	0.406440137	1
Heart_Failure	monocyte	<i>PAOX</i>	0.005917467	0.044750593	0.564877662	1
Heart_Failure	monocyte	<i>PARD3</i>	0.000783202	0.006212297	0.406440137	1
Heart_Failure	monocyte	<i>PARP8</i>	-0.000984433	0.00165283	0.356371132	1
Heart_Failure	monocyte	<i>PAX6</i>	-0.012582651	0.032173906	0.521060334	1
Heart_Failure	monocyte	<i>PBX1</i>	0.001081761	0.001039037	0.356371132	1
Heart_Failure	monocyte	<i>PCDH9</i>	0.001074666	0.047649469	0.569322226	1
Heart_Failure	monocyte	<i>PCDHB15</i>	0.029699526	0.00068309	0.356371132	1
Heart_Failure	monocyte	<i>PCLO</i>	0.002772162	0.028474322	0.499388744	1
Heart_Failure	monocyte	<i>PDE1C</i>	0.001792065	0.027714253	0.49471459	1
Heart_Failure	monocyte	<i>PDE8A</i>	0.001652739	0.013146342	0.413756402	1
Heart_Failure	monocyte	<i>PDE8B</i>	0.004401644	0.00695876	0.406440137	1
Heart_Failure	monocyte	<i>PDXDC1</i>	0.002072473	0.035055504	0.535784374	1
Heart_Failure	monocyte	<i>PEMT</i>	0.006403284	0.029449505	0.50214481	1
Heart_Failure	monocyte	<i>PEPD</i>	0.002877825	0.020058536	0.445612679	1
Heart_Failure	monocyte	<i>PEX6</i>	-0.004092198	0.020717679	0.453512262	1
Heart_Failure	monocyte	<i>PGS1</i>	-0.003005234	0.025998655	0.490119752	1
Heart_Failure	monocyte	<i>PHLDB1</i>	0.002518346	0.000253687	0.356371132	1

Heart_Failure	monocyte	<i>PHLPP2</i>	0.003830401	0.046267544	0.568167456	1
Heart_Failure	monocyte	<i>PIAS1</i>	-0.000819059	0.041375991	0.558060076	1
Heart_Failure	monocyte	<i>PICALM</i>	-0.000719041	0.019081329	0.441656348	1
Heart_Failure	monocyte	<i>PIGB</i>	-0.003210882	0.042801825	0.561558027	1
Heart_Failure	monocyte	<i>PILRA</i>	-0.001328437	0.037107607	0.543032561	1
Heart_Failure	monocyte	<i>PLA2G4C</i>	0.005708119	0.009373753	0.406440137	1
Heart_Failure	monocyte	<i>PLA2R1</i>	0.002715568	0.031156813	0.516766737	1
Heart_Failure	monocyte	<i>PLCE1</i>	0.001350062	0.027756768	0.49471459	1
Heart_Failure	monocyte	<i>PLD1</i>	0.001593279	0.027823582	0.49471459	1
Heart_Failure	monocyte	<i>PLEKHH2</i>	0.00168347	0.046983603	0.568368447	1
Heart_Failure	monocyte	<i>PLSCR4</i>	0.001301675	0.009953449	0.406860668	1
Heart_Failure	monocyte	<i>POGZ</i>	0.001923488	0.024836159	0.482714511	1
Heart_Failure	monocyte	<i>POLK</i>	0.002727365	0.008563658	0.406440137	1
Heart_Failure	monocyte	<i>POLR3G</i>	0.006069881	0.011177235	0.413756402	1
Heart_Failure	monocyte	<i>PPCDC</i>	-0.001135886	0.017954507	0.441656348	1
Heart_Failure	monocyte	<i>PPP1R9A</i>	0.001283171	0.047802528	0.569322226	1
Heart_Failure	monocyte	<i>PPP2R1B</i>	0.001905274	0.014448667	0.41712673	1
Heart_Failure	monocyte	<i>PPT1</i>	-0.004746904	0.007135792	0.406440137	1
Heart_Failure	monocyte	<i>PRICKLE1</i>	0.001956249	0.007596974	0.406440137	1
Heart_Failure	monocyte	<i>PRIMPOL</i>	0.002597766	0.04685654	0.568368447	1
Heart_Failure	monocyte	<i>PRSS23</i>	0.001530131	0.000329325	0.356371132	1
Heart_Failure	monocyte	<i>PSAP</i>	-0.000868344	0.049236587	0.579208351	1
Heart_Failure	monocyte	<i>PSTPIP1</i>	-0.00382846	0.004436771	0.406440137	1
Heart_Failure	monocyte	<i>PTAFR</i>	-0.005446192	0.002032379	0.39179029	1
Heart_Failure	monocyte	<i>PTBP2</i>	0.001379223	0.007400071	0.406440137	1
Heart_Failure	monocyte	<i>PTGR1</i>	0.003358478	0.022218253	0.471645251	1
Heart_Failure	monocyte	<i>PTK2</i>	0.000867298	0.013358118	0.413756402	1
Heart_Failure	monocyte	<i>PTPN14</i>	0.001505429	0.008380278	0.406440137	1
Heart_Failure	monocyte	<i>PTPRJ</i>	-0.000891171	0.001567879	0.356371132	1
Heart_Failure	monocyte	<i>PTPRS</i>	0.001852358	0.002630346	0.406440137	1
Heart_Failure	monocyte	<i>PUS10</i>	0.003137632	0.036840615	0.543032561	1
Heart_Failure	monocyte	<i>QDPR</i>	0.005186245	0.039783238	0.551312905	1
Heart_Failure	monocyte	<i>QRICH2</i>	0.007824301	0.02268127	0.472792794	1
Heart_Failure	monocyte	<i>RAB43</i>	-0.035387834	0.033379898	0.531942051	1
Heart_Failure	monocyte	<i>RAD9A</i>	0.003047835	0.030756472	0.5154955	1
Heart_Failure	monocyte	<i>RALGAPA1</i>	0.000848604	0.034808693	0.535784374	1
Heart_Failure	monocyte	<i>RASGRP3</i>	0.001044575	0.0335346	0.532770257	1
Heart_Failure	monocyte	<i>RCAN3</i>	-0.002152454	0.039985776	0.551312905	1
Heart_Failure	monocyte	<i>RCBTB2</i>	-0.00223854	0.039808705	0.551312905	1
Heart_Failure	monocyte	<i>RGS2</i>	-0.002042162	0.004037368	0.406440137	1
Heart_Failure	monocyte	<i>RHOBTB3</i>	0.001110932	0.01951114	0.441661262	1
Heart_Failure	monocyte	<i>RICTOR</i>	-0.000941661	0.014306631	0.415126919	1
Heart_Failure	monocyte	<i>RIT1</i>	-0.008666567	0.01395076	0.413756402	1
Heart_Failure	monocyte	<i>RNASE1</i>	-0.001602247	0.006998736	0.406440137	1
Heart_Failure	monocyte	<i>RNF123</i>	0.003973995	0.024452946	0.482714511	1
Heart_Failure	monocyte	<i>RNF130</i>	-0.000909136	0.021550606	0.465295254	1
Heart_Failure	monocyte	<i>RNF149</i>	-0.0007668	0.002241522	0.402252108	1
Heart_Failure	monocyte	<i>RNF24</i>	-0.000590767	0.012223964	0.413756402	1
Heart_Failure	monocyte	<i>RPGRIP1</i>	-0.010865195	0.003988875	0.406440137	1
Heart_Failure	monocyte	<i>RPL9</i>	0.004898296	0.025646264	0.488095778	1
Heart_Failure	monocyte	<i>RPS11</i>	-0.001441558	0.044358492	0.564877662	1
Heart_Failure	monocyte	<i>RPSA</i>	-0.004537847	0.006066202	0.406440137	1

Heart_Failure	monocyte	<i>RRP12</i>	-0.003205234	0.038782675	0.551312905	1
Heart_Failure	monocyte	<i>RUFY3</i>	0.001593213	0.035421226	0.537251898	1
Heart_Failure	monocyte	<i>RYK</i>	0.002480403	0.026253456	0.491820229	1
Heart_Failure	monocyte	<i>SI00A10</i>	0.001216183	0.022267749	0.471645251	1
Heart_Failure	monocyte	<i>SI00A8</i>	-0.002568959	0.01377018	0.413756402	1
Heart_Failure	monocyte	<i>SI00A9</i>	-0.001649039	0.01268265	0.413756402	1
Heart_Failure	monocyte	<i>SAMD9L</i>	-0.001838004	0.048779342	0.577238316	1
Heart_Failure	monocyte	<i>SAR1A</i>	0.003837515	0.00151075	0.356371132	1
Heart_Failure	monocyte	<i>SDK1</i>	0.000941159	0.013195174	0.413756402	1
Heart_Failure	monocyte	<i>SEC14L1</i>	-0.001196225	0.012950633	0.413756402	1
Heart_Failure	monocyte	<i>SELENBP1</i>	0.003901137	0.023176787	0.474330401	1
Heart_Failure	monocyte	<i>SEMA4D</i>	-0.001304206	0.009215264	0.406440137	1
Heart_Failure	monocyte	<i>Sep-10</i>	0.002674465	0.042655297	0.561558027	1
Heart_Failure	monocyte	<i>SGCE</i>	0.003077286	0.024589226	0.482714511	1
Heart_Failure	monocyte	<i>SH3D19</i>	0.0012938	0.000238218	0.356371132	1
Heart_Failure	monocyte	<i>SH3GLB2</i>	0.009734867	0.009811921	0.406860668	1
Heart_Failure	monocyte	<i>SHMT1</i>	0.003348521	0.025480344	0.488095778	1
Heart_Failure	monocyte	<i>SIGLEC7</i>	-0.008719645	0.017501761	0.441656348	1
Heart_Failure	monocyte	<i>SIRPB1</i>	-0.009304921	0.017773249	0.441656348	1
Heart_Failure	monocyte	<i>SIRPB2</i>	-0.003175217	0.012839657	0.413756402	1
Heart_Failure	monocyte	<i>SKIV2L</i>	-0.007306693	0.012509774	0.413756402	1
Heart_Failure	monocyte	<i>SLC13A5</i>	0.026383123	0.035766533	0.539273712	1
Heart_Failure	monocyte	<i>SLC1A5</i>	0.007762547	0.019101833	0.441656348	1
Heart_Failure	monocyte	<i>SLC22A23</i>	0.001584762	0.024025642	0.482714511	1
Heart_Failure	monocyte	<i>SLC25A16</i>	0.002838004	0.036310787	0.540594705	1
Heart_Failure	monocyte	<i>SLC25A23</i>	0.0091811	0.024321934	0.482714511	1
Heart_Failure	monocyte	<i>SLC25A27</i>	0.003040601	0.006371382	0.406440137	1
Heart_Failure	monocyte	<i>SLC25A37</i>	-0.000886374	0.026951912	0.494028943	1
Heart_Failure	monocyte	<i>SLC2A10</i>	0.0065129	0.043228405	0.562752584	1
Heart_Failure	monocyte	<i>SLC41A3</i>	0.005063129	0.035827122	0.539273712	1
Heart_Failure	monocyte	<i>SLC44A2</i>	-0.001948045	0.03890121	0.551312905	1
Heart_Failure	monocyte	<i>SLCO3A1</i>	-0.000965946	0.000625095	0.356371132	1
Heart_Failure	monocyte	<i>SMAD5</i>	0.002162158	0.029421988	0.50214481	1
Heart_Failure	monocyte	<i>SMCHD1</i>	-0.000536019	0.007731518	0.406440137	1
Heart_Failure	monocyte	<i>SNHG9</i>	0.004062503	0.044407102	0.564877662	1
Heart_Failure	monocyte	<i>SNTG2</i>	0.000838789	0.042849809	0.561558027	1
Heart_Failure	monocyte	<i>SNX10</i>	-0.002216932	0.010840093	0.413756402	1
Heart_Failure	monocyte	<i>SP110</i>	-0.001703988	0.012071717	0.413756402	1
Heart_Failure	monocyte	<i>SPATA22</i>	0.002639381	0.024806914	0.482714511	1
Heart_Failure	monocyte	<i>SPHK2</i>	0.003676928	0.016503459	0.436392351	1
Heart_Failure	monocyte	<i>SPTBN1</i>	0.000942532	0.001437949	0.356371132	1
Heart_Failure	monocyte	<i>SRGAP1</i>	0.001643009	0.018431658	0.441656348	1
Heart_Failure	monocyte	<i>SRPK2</i>	-0.000569243	0.02270608	0.472792794	1
Heart_Failure	monocyte	<i>STAMBP</i>	0.003208688	0.042240631	0.561558027	1
Heart_Failure	monocyte	<i>STARD9</i>	0.00122763	0.026893234	0.494028943	1
Heart_Failure	monocyte	<i>STK17B</i>	-0.001116187	0.006416755	0.406440137	1
Heart_Failure	monocyte	<i>STX17</i>	0.002092487	0.044536334	0.564877662	1
Heart_Failure	monocyte	<i>SUN1</i>	0.001502246	0.041705066	0.558810482	1
Heart_Failure	monocyte	<i>SVEP1</i>	0.002116459	0.000408619	0.356371132	1
Heart_Failure	monocyte	<i>SYK</i>	-0.000836036	0.005274924	0.406440137	1
Heart_Failure	monocyte	<i>TACC3</i>	-0.004789906	0.040786743	0.555219987	1
Heart_Failure	monocyte	<i>TBC1D22A</i>	-0.001047567	0.018524317	0.441656348	1

Heart_Failure	monocyte	<i>TBC1D4</i>	0.001949798	0.015916755	0.434331175	1
Heart_Failure	monocyte	<i>TBRG4</i>	0.011612467	0.02315526	0.474330401	1
Heart_Failure	monocyte	<i>TCHH</i>	0.018517577	0.04257274	0.561558027	1
Heart_Failure	monocyte	<i>TEF</i>	0.006083281	0.0215674	0.465295254	1
Heart_Failure	monocyte	<i>TFEB</i>	-0.002583091	0.031730179	0.517858367	1
Heart_Failure	monocyte	<i>THEMIS2</i>	-0.003797173	0.006992055	0.406440137	1
Heart_Failure	monocyte	<i>THRSP</i>	0.005340433	0.037066925	0.543032561	1
Heart_Failure	monocyte	<i>TIMP3</i>	0.000786941	0.027478128	0.494028943	1
Heart_Failure	monocyte	<i>TK2</i>	0.005439762	0.003240621	0.406440137	1
Heart_Failure	monocyte	<i>TLN2</i>	0.00096484	0.04654958	0.568368447	1
Heart_Failure	monocyte	<i>TMCC3</i>	-0.002856863	0.005787187	0.406440137	1
Heart_Failure	monocyte	<i>TMEM106A</i>	-0.004044142	0.009159066	0.406440137	1
Heart_Failure	monocyte	<i>TMEM127</i>	-0.005687347	0.012678872	0.413756402	1
Heart_Failure	monocyte	<i>TMEM2</i>	-0.00156467	0.031579226	0.517858367	1
Heart_Failure	monocyte	<i>TMEM241</i>	0.002940454	0.001217853	0.356371132	1
Heart_Failure	monocyte	<i>TMEM45B</i>	-0.012922325	0.019767038	0.442426286	1
Heart_Failure	monocyte	<i>TNFRSF10C</i>	-0.001829567	0.008008552	0.406440137	1
Heart_Failure	monocyte	<i>TNFSF10</i>	-0.001808938	0.034077047	0.533100602	1
Heart_Failure	monocyte	<i>TNPO2</i>	0.002126335	0.043774525	0.564174801	1
Heart_Failure	monocyte	<i>TP63</i>	0.005683857	0.03299174	0.531942051	1
Heart_Failure	monocyte	<i>TPBG</i>	0.004116265	0.012904298	0.413756402	1
Heart_Failure	monocyte	<i>TPST1</i>	0.001351586	0.041403712	0.558060076	1
Heart_Failure	monocyte	<i>TPX2</i>	0.025165464	0.010366222	0.412990301	1
Heart_Failure	monocyte	<i>TRAF3IP2</i>	0.004200276	0.040117724	0.551312905	1
Heart_Failure	monocyte	<i>TRIM2</i>	0.004217893	0.00544308	0.406440137	1
Heart_Failure	monocyte	<i>TRIM9</i>	-0.014139747	0.035160819	0.536023094	1
Heart_Failure	monocyte	<i>TRIP10</i>	0.002239353	0.044451401	0.564877662	1
Heart_Failure	monocyte	<i>TRPM6</i>	-0.006221748	0.017058747	0.441656348	1
Heart_Failure	monocyte	<i>TSHZ2</i>	0.000615883	0.004839079	0.406440137	1
Heart_Failure	monocyte	<i>TSPAN9</i>	0.001631663	0.043238027	0.562752584	1
Heart_Failure	monocyte	<i>TTC19</i>	0.00170356	0.013934397	0.413756402	1
Heart_Failure	monocyte	<i>TTC23</i>	0.003815291	0.02840099	0.499388744	1
Heart_Failure	monocyte	<i>TUBB8</i>	-0.011987976	0.021028766	0.458641991	1
Heart_Failure	monocyte	<i>TUBG2</i>	0.00667287	0.007130705	0.406440137	1
Heart_Failure	monocyte	<i>TULP3</i>	0.002625046	0.008549205	0.406440137	1
Heart_Failure	monocyte	<i>TUSC5</i>	0.00581795	0.001106073	0.356371132	1
Heart_Failure	monocyte	<i>TYK2</i>	-0.004252868	0.010114096	0.408390811	1
Heart_Failure	monocyte	<i>TYMP</i>	-0.001934475	0.016491671	0.436392351	1
Heart_Failure	monocyte	<i>UACA</i>	0.001159226	0.029162374	0.50214481	1
Heart_Failure	monocyte	<i>UBASH3B</i>	-0.003147553	0.002726865	0.406440137	1
Heart_Failure	monocyte	<i>UBN1</i>	-0.00156623	0.012573395	0.413756402	1
Heart_Failure	monocyte	<i>UBR4</i>	0.002173913	0.03895647	0.551312905	1
Heart_Failure	monocyte	<i>UBXN2A</i>	0.004182224	0.007360268	0.406440137	1
Heart_Failure	monocyte	<i>UGGT2</i>	0.001539963	0.016298782	0.436392351	1
Heart_Failure	monocyte	<i>UGP2</i>	0.001573237	0.01559779	0.434165511	1
Heart_Failure	monocyte	<i>UPF3A</i>	0.001819302	0.019725748	0.442426286	1
Heart_Failure	monocyte	<i>URGCP</i>	0.002410936	0.045596034	0.565406638	1
Heart_Failure	monocyte	<i>USP15</i>	-0.001028794	0.001246219	0.356371132	1
Heart_Failure	monocyte	<i>USP40</i>	0.003209634	0.005990232	0.406440137	1
Heart_Failure	monocyte	<i>USP49</i>	-0.00240891	0.026994764	0.494028943	1
Heart_Failure	monocyte	<i>UTS2</i>	0.011779623	0.005932919	0.406440137	1
Heart_Failure	monocyte	<i>VANGL1</i>	0.006003006	0.038828016	0.551312905	1

Heart_Failure	monocyte	<i>VAPB</i>	0.003887084	0.008160467	0.406440137	1
Heart_Failure	monocyte	<i>VNN2</i>	-0.001856448	0.010538087	0.413756402	1
Heart_Failure	monocyte	<i>VNN3</i>	-0.004443675	0.015692729	0.434165511	1
Heart_Failure	monocyte	<i>VWA8</i>	0.001891217	0.025916908	0.490119752	1
Heart_Failure	monocyte	<i>WAC</i>	-0.000804185	0.046347068	0.568167456	1
Heart_Failure	monocyte	<i>WDR31</i>	0.008908471	0.002540359	0.406440137	1
Heart_Failure	monocyte	<i>WDR41</i>	0.002781884	0.031389496	0.516766737	1
Heart_Failure	monocyte	<i>WDR60</i>	0.002856111	0.003392431	0.406440137	1
Heart_Failure	monocyte	<i>WDR86</i>	0.007124469	0.003555862	0.406440137	1
Heart_Failure	monocyte	<i>WIPF1</i>	-0.00104427	0.00880332	0.406440137	1
Heart_Failure	monocyte	<i>WWOX</i>	0.001046227	0.008224091	0.406440137	1
Heart_Failure	monocyte	<i>WWTR1</i>	0.001177787	0.045792639	0.565406638	1
Heart_Failure	monocyte	<i>XPO6</i>	-0.000892551	0.014738899	0.423459893	1
Heart_Failure	monocyte	<i>ZDHHC21</i>	0.002163203	0.007831368	0.406440137	1
Heart_Failure	monocyte	<i>ZFHX4</i>	0.001883571	0.018615633	0.441656348	1
Heart_Failure	monocyte	<i>ZFPM2</i>	0.000712684	0.00705972	0.406440137	1
Heart_Failure	monocyte	<i>ZNF135</i>	0.006763182	0.010975157	0.413756402	1
Heart_Failure	monocyte	<i>ZNF200</i>	-0.008534227	0.016672961	0.438932235	1
Heart_Failure	monocyte	<i>ZNF248</i>	0.003016782	0.013628169	0.413756402	1
Heart_Failure	monocyte	<i>ZNF273</i>	0.004177237	0.043505973	0.562752584	1
Heart_Failure	monocyte	<i>ZNF334</i>	0.004374367	0.013569455	0.413756402	1
Heart_Failure	monocyte	<i>ZNF33A</i>	-0.002786477	0.011442728	0.413756402	1
Heart_Failure	monocyte	<i>ZNF343</i>	0.008443924	0.025163359	0.485084623	1
Heart_Failure	monocyte	<i>ZNF385B</i>	0.004223295	0.037165381	0.543032561	1
Heart_Failure	monocyte	<i>ZNF483</i>	0.007280856	0.001559395	0.356371132	1
Heart_Failure	monocyte	<i>ZNF507</i>	0.002562875	0.013782678	0.413756402	1
Heart_Failure	monocyte	<i>ZNF518B</i>	0.010970656	0.03942018	0.551312905	1
Heart_Failure	monocyte	<i>ZNF519</i>	0.003251132	0.038745655	0.551312905	1
Heart_Failure	monocyte	<i>ZNF708</i>	0.00254193	0.033244682	0.531942051	1
Heart_Failure	monocyte	<i>ZNF83</i>	0.002023762	0.037854979	0.547751458	1
Heart_Failure	monocyte	<i>CYP2C9</i>	0.015331895	0.026854663	0.494028943	1
Heart_Failure	monocyte	<i>HES5</i>	0.009729597	0.016961863	0.441656348	1
Heart_Failure	monocyte	<i>IRX5</i>	0.015484194	0.042630822	0.561558027	1
Heart_Failure	monocyte	<i>LCN2</i>	0.004852992	0.045720989	0.565406638	1
Heart_Failure	neutrophil	<i>A4GALT</i>	0.006703002	0.001615025	0.325856696	1
Heart_Failure	neutrophil	<i>AAMDC</i>	0.002131714	0.030453104	0.403111808	1
Heart_Failure	neutrophil	<i>AASDH</i>	0.003738045	0.040009199	0.421540253	1
Heart_Failure	neutrophil	<i>ABCA7</i>	-0.00357411	0.01141544	0.360155682	1
Heart_Failure	neutrophil	<i>ABCG5</i>	0.016549971	0.002727061	0.325856696	1
Heart_Failure	neutrophil	<i>ABHD3</i>	-0.002771014	0.000972077	0.325856696	1
Heart_Failure	neutrophil	<i>ABTB1</i>	-0.002513929	0.041475847	0.421540253	1
Heart_Failure	neutrophil	<i>AC003005.2</i>	0.033575365	0.018313379	0.371721022	1
Heart_Failure	neutrophil	<i>AC092171.4</i>	0.019889387	0.0074247	0.340782001	1
Heart_Failure	neutrophil	<i>AC107021.1</i>	0.002858054	0.021375162	0.37359972	1
Heart_Failure	neutrophil	<i>ACE</i>	0.003544669	0.023228304	0.375728443	1
Heart_Failure	neutrophil	<i>ACKR4</i>	0.005696004	0.009471293	0.357321757	1
Heart_Failure	neutrophil	<i>ACOT4</i>	0.016163736	0.010127754	0.360155682	1
Heart_Failure	neutrophil	<i>ACP6</i>	0.005930146	0.029055967	0.401903901	1
Heart_Failure	neutrophil	<i>ACSM5</i>	0.005811132	0.03419964	0.408878359	1
Heart_Failure	neutrophil	<i>ACTR3</i>	-0.00141677	0.024700444	0.382048542	1
Heart_Failure	neutrophil	<i>ADAM33</i>	0.002456897	0.04838367	0.432400219	1
Heart_Failure	neutrophil	<i>ADAM8</i>	-0.006659583	0.001991563	0.325856696	1

Heart_Failure	neutrophil	<i>ADAMTS12</i>	0.001084639	0.011304979	0.360155682	1
Heart_Failure	neutrophil	<i>ADAMTS6</i>	0.002478087	0.019480566	0.371721022	1
Heart_Failure	neutrophil	<i>ADAMTSL3</i>	0.001152194	0.049235444	0.433329914	1
Heart_Failure	neutrophil	<i>ADCY10</i>	0.008850695	0.041168978	0.421540253	1
Heart_Failure	neutrophil	<i>ADCY4</i>	0.004453024	0.012071189	0.360155682	1
Heart_Failure	neutrophil	<i>ADH4</i>	0.009088354	0.035288957	0.409767956	1
Heart_Failure	neutrophil	<i>ADH5</i>	0.003299535	0.040397934	0.421540253	1
Heart_Failure	neutrophil	<i>ADHFE1</i>	0.003004957	0.007454365	0.340782001	1
Heart_Failure	neutrophil	<i>AGAP3</i>	0.003332838	0.039159126	0.421540253	1
Heart_Failure	neutrophil	<i>AGBL3</i>	0.003463694	0.030229287	0.403111808	1
Heart_Failure	neutrophil	<i>AGTPBP1</i>	-0.00194469	0.001520932	0.325856696	1
Heart_Failure	neutrophil	<i>AIMP2</i>	0.0061418	0.028612896	0.399341728	1
Heart_Failure	neutrophil	<i>AK3</i>	0.002921597	0.030949638	0.403852303	1
Heart_Failure	neutrophil	<i>AK8</i>	0.012234015	0.013230941	0.360155682	1
Heart_Failure	neutrophil	<i>AKRIC3</i>	0.004126952	0.0171433	0.367774999	1
Heart_Failure	neutrophil	<i>ALDH7A1</i>	0.005236195	0.002591573	0.325856696	1
Heart_Failure	neutrophil	<i>ALDOB</i>	0.014082542	0.008874034	0.354423242	1
Heart_Failure	neutrophil	<i>ALPK1</i>	-0.001218872	0.042006255	0.421540253	1
Heart_Failure	neutrophil	<i>ANGPTL5</i>	0.011352958	0.006868291	0.340782001	1
Heart_Failure	neutrophil	<i>ANKLE2</i>	0.002635151	0.029470506	0.401903901	1
Heart_Failure	neutrophil	<i>ANKRD26</i>	0.004114405	0.002835433	0.325856696	1
Heart_Failure	neutrophil	<i>ANKRD40</i>	0.004884335	0.047955313	0.430513268	1
Heart_Failure	neutrophil	<i>ANKRD44</i>	-0.000633414	0.002833797	0.325856696	1
Heart_Failure	neutrophil	<i>AP000350.4</i>	0.01620153	0.035908957	0.410523224	1
Heart_Failure	neutrophil	<i>AP000350.6</i>	0.01853099	0.040619502	0.421540253	1
Heart_Failure	neutrophil	<i>AP006621.1</i>	0.007745824	0.020920959	0.37359972	1
Heart_Failure	neutrophil	<i>APBB1IP</i>	-0.000734176	0.002824676	0.325856696	1
Heart_Failure	neutrophil	<i>APCDD1</i>	0.003355013	0.033191911	0.408272261	1
Heart_Failure	neutrophil	<i>ARHGAP9</i>	-0.003983968	0.001788069	0.325856696	1
Heart_Failure	neutrophil	<i>ARHGDIB</i>	-0.002076406	0.007094928	0.340782001	1
Heart_Failure	neutrophil	<i>ARHGEF10</i>	0.005828518	0.005347971	0.340782001	1
Heart_Failure	neutrophil	<i>ARL17B</i>	0.003322589	0.045160631	0.428312746	1
Heart_Failure	neutrophil	<i>ARMC9</i>	0.005143903	0.02513974	0.382395432	1
Heart_Failure	neutrophil	<i>ARPC2</i>	-0.001024753	0.01963631	0.371721022	1
Heart_Failure	neutrophil	<i>ASAP2</i>	0.001504146	0.039395175	0.421540253	1
Heart_Failure	neutrophil	<i>ASAP3</i>	0.004544061	0.038203369	0.418078209	1
Heart_Failure	neutrophil	<i>ASCC1</i>	0.003980483	0.025230048	0.382395432	1
Heart_Failure	neutrophil	<i>ASTE1</i>	0.004292247	0.034790891	0.408878359	1
Heart_Failure	neutrophil	<i>ATE1</i>	0.002416597	0.009072473	0.354423242	1
Heart_Failure	neutrophil	<i>ATF6</i>	-0.001215442	0.022501273	0.375378172	1
Heart_Failure	neutrophil	<i>ATG14</i>	0.002540237	0.019254057	0.371721022	1
Heart_Failure	neutrophil	<i>ATG7</i>	-0.000781951	0.031844615	0.405209373	1
Heart_Failure	neutrophil	<i>ATP5C1</i>	0.004749525	0.005433214	0.340782001	1
Heart_Failure	neutrophil	<i>ATP6AP1L</i>	0.004081643	0.045014763	0.428312746	1
Heart_Failure	neutrophil	<i>ATP6V0D2</i>	-0.011211323	0.023562991	0.378528046	1
Heart_Failure	neutrophil	<i>ATP9A</i>	0.001791956	0.03086866	0.403852303	1
Heart_Failure	neutrophil	<i>ATRAID</i>	0.004151064	0.025100972	0.382395432	1
Heart_Failure	neutrophil	<i>AUTS2</i>	0.000659685	0.011486888	0.360155682	1
Heart_Failure	neutrophil	<i>B3GNTL1</i>	-0.004548036	0.013351723	0.360155682	1
Heart_Failure	neutrophil	<i>BABAMI</i>	0.006982185	0.026715209	0.388521471	1
Heart_Failure	neutrophil	<i>BAD</i>	0.005367411	0.021220446	0.37359972	1
Heart_Failure	neutrophil	<i>BAIAP2L2</i>	0.003277506	0.04105977	0.421540253	1

Heart_Failure	neutrophil	<i>BASPI</i>	-0.001007017	0.035665238	0.409767956	1
Heart_Failure	neutrophil	<i>BBC3</i>	-0.013832184	0.012845237	0.360155682	1
Heart_Failure	neutrophil	<i>BCHE</i>	0.007972535	0.046140767	0.428312746	1
Heart_Failure	neutrophil	<i>BDH2</i>	0.004034165	0.016414695	0.367774999	1
Heart_Failure	neutrophil	<i>BMP1</i>	0.004181896	0.02677819	0.388521471	1
Heart_Failure	neutrophil	<i>BOC</i>	0.001892942	0.046284766	0.428312746	1
Heart_Failure	neutrophil	<i>BPHL</i>	0.005244224	0.014042097	0.360155682	1
Heart_Failure	neutrophil	<i>BTBD19</i>	0.007309472	0.010776147	0.360155682	1
Heart_Failure	neutrophil	<i>BTBD3</i>	0.004366616	0.013935752	0.360155682	1
Heart_Failure	neutrophil	<i>BTBD6</i>	0.007281577	0.026375776	0.388521471	1
Heart_Failure	neutrophil	<i>C11orf74</i>	0.006169869	0.021981358	0.375378172	1
Heart_Failure	neutrophil	<i>C12orf60</i>	0.005561334	0.035648006	0.409767956	1
Heart_Failure	neutrophil	<i>C14orf39</i>	0.009047993	0.032473213	0.405209373	1
Heart_Failure	neutrophil	<i>C15orf40</i>	0.005417838	0.031955932	0.405209373	1
Heart_Failure	neutrophil	<i>C15orf61</i>	-0.008121242	0.012903233	0.360155682	1
Heart_Failure	neutrophil	<i>C17orf58</i>	0.003989234	0.036865308	0.41630791	1
Heart_Failure	neutrophil	<i>C19orf18</i>	0.010568101	0.002139852	0.325856696	1
Heart_Failure	neutrophil	<i>C1QTNF4</i>	0.008749643	0.04149005	0.421540253	1
Heart_Failure	neutrophil	<i>C1QTNF7</i>	0.00221961	0.026976666	0.389617938	1
Heart_Failure	neutrophil	<i>C1orf21</i>	0.0009802	0.007144622	0.340782001	1
Heart_Failure	neutrophil	<i>C2CD2</i>	0.002550523	0.019253513	0.371721022	1
Heart_Failure	neutrophil	<i>C2orf88</i>	0.003784896	0.004260575	0.340782001	1
Heart_Failure	neutrophil	<i>C3orf14</i>	0.011937318	0.022633	0.375378172	1
Heart_Failure	neutrophil	<i>C5</i>	0.006485797	0.002337169	0.325856696	1
Heart_Failure	neutrophil	<i>C5AR1</i>	-0.001100757	0.036808064	0.41630791	1
Heart_Failure	neutrophil	<i>C5orf42</i>	0.001789072	0.037202508	0.416333684	1
Heart_Failure	neutrophil	<i>C6</i>	0.002852761	0.018673671	0.371721022	1
Heart_Failure	neutrophil	<i>C7</i>	0.005074396	0.026785617	0.388521471	1
Heart_Failure	neutrophil	<i>C7orf50</i>	0.004222531	0.043735568	0.423604145	1
Heart_Failure	neutrophil	<i>CA12</i>	0.010325061	0.015529209	0.361235732	1
Heart_Failure	neutrophil	<i>CACNA2D1</i>	0.001096706	0.007909496	0.340782001	1
Heart_Failure	neutrophil	<i>CAMSAP2</i>	0.002310741	0.008805579	0.354423242	1
Heart_Failure	neutrophil	<i>CAPZA1</i>	-0.001394512	0.014385426	0.360155682	1
Heart_Failure	neutrophil	<i>CBL</i>	-0.002373589	0.002484032	0.325856696	1
Heart_Failure	neutrophil	<i>CBR4</i>	0.001097366	0.014075804	0.360155682	1
Heart_Failure	neutrophil	<i>CCBE1</i>	0.005358137	0.037934267	0.418078209	1
Heart_Failure	neutrophil	<i>CCDC102B</i>	0.001722356	0.016556815	0.367774999	1
Heart_Failure	neutrophil	<i>CCDC117</i>	0.006447779	0.014839012	0.360155682	1
Heart_Failure	neutrophil	<i>CCDC171</i>	0.00500745	0.003566047	0.332979638	1
Heart_Failure	neutrophil	<i>CCDC36</i>	0.004022258	0.022546258	0.375378172	1
Heart_Failure	neutrophil	<i>CCDC40</i>	0.007093648	0.028667604	0.399341728	1
Heart_Failure	neutrophil	<i>CCDC50</i>	0.002906433	0.029363171	0.401903901	1
Heart_Failure	neutrophil	<i>CCDC82</i>	0.002423265	0.034968602	0.409724522	1
Heart_Failure	neutrophil	<i>CCDC92</i>	0.003651114	0.007470336	0.340782001	1
Heart_Failure	neutrophil	<i>CCNB1IP1</i>	0.002989596	0.038658001	0.421095578	1
Heart_Failure	neutrophil	<i>CCNE1</i>	-0.015448993	0.032547136	0.405209373	1
Heart_Failure	neutrophil	<i>CD14</i>	-0.002891395	0.004029961	0.340782001	1
Heart_Failure	neutrophil	<i>CD302</i>	0.004412884	0.028124719	0.394896199	1
Heart_Failure	neutrophil	<i>CDA</i>	-0.003372303	0.011656304	0.360155682	1
Heart_Failure	neutrophil	<i>CDC42BPA</i>	0.001000768	0.015696019	0.361493628	1
Heart_Failure	neutrophil	<i>CDC42SE2</i>	-0.000654295	0.034474418	0.408878359	1
Heart_Failure	neutrophil	<i>CDHR3</i>	0.002539611	0.012852431	0.360155682	1

Heart_Failure	neutrophil	<i>CDK19</i>	-0.001457926	0.046187347	0.428312746	1
Heart_Failure	neutrophil	<i>CDON</i>	0.001612366	0.030624625	0.403111808	1
Heart_Failure	neutrophil	<i>CEACAM4</i>	-0.006052693	0.031638411	0.404863269	1
Heart_Failure	neutrophil	<i>CENPO</i>	0.005484885	0.047562948	0.430513268	1
Heart_Failure	neutrophil	<i>CEP112</i>	0.001302332	0.007834146	0.340782001	1
Heart_Failure	neutrophil	<i>CEP44</i>	0.002370813	0.015039618	0.360155682	1
Heart_Failure	neutrophil	<i>CHI3L1</i>	-0.003876787	0.0248237	0.382048542	1
Heart_Failure	neutrophil	<i>CHST11</i>	-0.00077691	0.000626797	0.325856696	1
Heart_Failure	neutrophil	<i>CLCN6</i>	0.005208257	0.007597527	0.340782001	1
Heart_Failure	neutrophil	<i>CLEC4E</i>	-0.001723834	0.032240625	0.405209373	1
Heart_Failure	neutrophil	<i>CMBL</i>	0.004592547	0.016638106	0.367774999	1
Heart_Failure	neutrophil	<i>COL12A1</i>	0.001695723	0.019932908	0.371721022	1
Heart_Failure	neutrophil	<i>COL16A1</i>	0.004654482	0.008754853	0.354423242	1
Heart_Failure	neutrophil	<i>COL6A1</i>	0.000964065	0.035103573	0.409724522	1
Heart_Failure	neutrophil	<i>COPG2</i>	0.00396103	0.011031673	0.360155682	1
Heart_Failure	neutrophil	<i>COTL1</i>	-0.001896653	0.033299391	0.408272261	1
Heart_Failure	neutrophil	<i>COX11</i>	0.005150395	0.009795898	0.360155682	1
Heart_Failure	neutrophil	<i>CPPED1</i>	-0.000793798	0.00698006	0.340782001	1
Heart_Failure	neutrophil	<i>CRMP1</i>	0.004767585	0.015535071	0.361235732	1
Heart_Failure	neutrophil	<i>CTBS</i>	-0.002639061	0.016153673	0.367050762	1
Heart_Failure	neutrophil	<i>CTDSPL</i>	0.001880157	0.025412507	0.382962399	1
Heart_Failure	neutrophil	<i>CTSS</i>	-0.000766094	0.019092095	0.371721022	1
Heart_Failure	neutrophil	<i>CUX1</i>	-0.001156552	0.025723873	0.38527786	1
Heart_Failure	neutrophil	<i>CXCR4</i>	-0.00444853	0.00336822	0.332979638	1
Heart_Failure	neutrophil	<i>CYB5D2</i>	0.00466621	0.002471074	0.325856696	1
Heart_Failure	neutrophil	<i>CYP26B1</i>	0.007774964	0.004608712	0.340782001	1
Heart_Failure	neutrophil	<i>CYP2C8</i>	0.038296162	0.048560457	0.432400219	1
Heart_Failure	neutrophil	<i>CYP2U1</i>	0.007614237	0.00686416	0.340782001	1
Heart_Failure	neutrophil	<i>CYP8B1</i>	0.004522974	0.046229994	0.428312746	1
Heart_Failure	neutrophil	<i>CYTH1</i>	-0.000826444	0.031872416	0.405209373	1
Heart_Failure	neutrophil	<i>DCBLD2</i>	0.002347461	0.029466654	0.401903901	1
Heart_Failure	neutrophil	<i>DCLK2</i>	0.002854489	0.041292907	0.421540253	1
Heart_Failure	neutrophil	<i>DDI2</i>	0.003310339	0.016932365	0.367774999	1
Heart_Failure	neutrophil	<i>DDX59</i>	0.0033285	0.042939507	0.42315804	1
Heart_Failure	neutrophil	<i>DEFB1</i>	0.012533329	0.032368649	0.405209373	1
Heart_Failure	neutrophil	<i>DFNA5</i>	0.007916786	0.017069085	0.367774999	1
Heart_Failure	neutrophil	<i>DHX34</i>	-0.002620378	0.004435805	0.340782001	1
Heart_Failure	neutrophil	<i>DISC1</i>	-0.001246902	0.043015781	0.42315804	1
Heart_Failure	neutrophil	<i>DLG5</i>	0.003789725	0.006351373	0.340782001	1
Heart_Failure	neutrophil	<i>DMGDH</i>	0.00352878	0.023043444	0.375378172	1
Heart_Failure	neutrophil	<i>DMTN</i>	0.00819827	0.005628441	0.340782001	1
Heart_Failure	neutrophil	<i>DOCK1</i>	0.00101599	0.018526459	0.371721022	1
Heart_Failure	neutrophil	<i>DOCK5</i>	-0.000408538	0.049055142	0.433018508	1
Heart_Failure	neutrophil	<i>DOCK7</i>	0.002109274	0.042754192	0.42315804	1
Heart_Failure	neutrophil	<i>DOCK8</i>	-0.000508791	0.023052843	0.375378172	1
Heart_Failure	neutrophil	<i>DPYD</i>	-0.0006247	0.045825229	0.428312746	1
Heart_Failure	neutrophil	<i>DSCC1</i>	0.00636348	0.044089121	0.424277917	1
Heart_Failure	neutrophil	<i>DSP</i>	0.006617685	0.0200976	0.372196431	1
Heart_Failure	neutrophil	<i>DTWD1</i>	0.00280012	0.02036617	0.372196431	1
Heart_Failure	neutrophil	<i>DTX1</i>	0.006105714	0.007057	0.340782001	1
Heart_Failure	neutrophil	<i>DUOXA1</i>	0.019103031	0.041074016	0.421540253	1
Heart_Failure	neutrophil	<i>DYNC2L1I</i>	0.002914586	0.013691137	0.360155682	1

Heart_Failure	neutrophil	<i>EFCAB13</i>	0.002607418	0.016703553	0.367774999	1
Heart_Failure	neutrophil	<i>EFCAB6</i>	0.004270196	0.031491991	0.404722877	1
Heart_Failure	neutrophil	<i>EFEMP1</i>	0.001469853	0.012667837	0.360155682	1
Heart_Failure	neutrophil	<i>EFHB</i>	0.004755717	0.049020785	0.433018508	1
Heart_Failure	neutrophil	<i>EGFR</i>	0.001294451	0.009455059	0.357321757	1
Heart_Failure	neutrophil	<i>EIF6</i>	0.010084667	0.0309968	0.403852303	1
Heart_Failure	neutrophil	<i>ELL</i>	-0.002569539	0.010388545	0.360155682	1
Heart_Failure	neutrophil	<i>EMB</i>	-0.001318694	0.024798395	0.382048542	1
Heart_Failure	neutrophil	<i>ENOSF1</i>	0.002224484	0.003021866	0.332979638	1
Heart_Failure	neutrophil	<i>EPB41</i>	-0.000999264	0.026400607	0.388521471	1
Heart_Failure	neutrophil	<i>EPHB1</i>	-0.000781117	0.012140232	0.360155682	1
Heart_Failure	neutrophil	<i>EPN2</i>	0.001402603	0.013799738	0.360155682	1
Heart_Failure	neutrophil	<i>EPS8L2</i>	0.012002854	0.010906708	0.360155682	1
Heart_Failure	neutrophil	<i>EPYC</i>	0.03955118	0.038911602	0.421540253	1
Heart_Failure	neutrophil	<i>ERGIC2</i>	-0.003016482	0.040511262	0.421540253	1
Heart_Failure	neutrophil	<i>ERI2</i>	0.004613161	0.01067848	0.360155682	1
Heart_Failure	neutrophil	<i>ETV6</i>	-0.000792778	0.045550836	0.428312746	1
Heart_Failure	neutrophil	<i>EXOC1</i>	0.001273694	0.049789573	0.434368595	1
Heart_Failure	neutrophil	<i>EZH1</i>	0.002811234	0.012952149	0.360155682	1
Heart_Failure	neutrophil	<i>FAM111A</i>	-0.003286662	0.000263302	0.325856696	1
Heart_Failure	neutrophil	<i>FAM114A1</i>	0.002560581	0.02951242	0.401903901	1
Heart_Failure	neutrophil	<i>FAM126A</i>	0.001771493	0.015062488	0.360155682	1
Heart_Failure	neutrophil	<i>FAM161B</i>	0.008747691	0.039030183	0.421540253	1
Heart_Failure	neutrophil	<i>FAM173B</i>	0.00520798	0.043897222	0.423955748	1
Heart_Failure	neutrophil	<i>FAM184A</i>	0.002852466	0.029700131	0.402233282	1
Heart_Failure	neutrophil	<i>FAM228B</i>	0.002663093	0.048522793	0.432400219	1
Heart_Failure	neutrophil	<i>FAM229B</i>	0.008024694	0.021348872	0.37359972	1
Heart_Failure	neutrophil	<i>FAM47E</i>	0.009756237	0.044265123	0.425286773	1
Heart_Failure	neutrophil	<i>FAM89A</i>	0.006580805	0.004672537	0.340782001	1
Heart_Failure	neutrophil	<i>FASTKD3</i>	0.011150173	0.033423287	0.408461274	1
Heart_Failure	neutrophil	<i>FBLN5</i>	0.001484521	0.047749615	0.430513268	1
Heart_Failure	neutrophil	<i>FBLN7</i>	0.005350325	0.033801073	0.408878359	1
Heart_Failure	neutrophil	<i>FBXL13</i>	-0.001457742	0.049211059	0.433329914	1
Heart_Failure	neutrophil	<i>FBXO17</i>	0.00439043	0.008516898	0.354423242	1
Heart_Failure	neutrophil	<i>FBXO31</i>	0.005031458	0.015874458	0.363470356	1
Heart_Failure	neutrophil	<i>FBXO6</i>	0.011137024	0.044668729	0.427104515	1
Heart_Failure	neutrophil	<i>FCRLB</i>	0.011743472	0.034539639	0.408878359	1
Heart_Failure	neutrophil	<i>FGFBP3</i>	0.007861286	0.048996849	0.433018508	1
Heart_Failure	neutrophil	<i>FGFR1</i>	0.001394797	0.019636135	0.371721022	1
Heart_Failure	neutrophil	<i>FILIP1</i>	0.00158002	0.029524065	0.401903901	1
Heart_Failure	neutrophil	<i>FLRT2</i>	0.001167145	0.011774676	0.360155682	1
Heart_Failure	neutrophil	<i>FMO2</i>	0.002338743	0.01653531	0.367774999	1
Heart_Failure	neutrophil	<i>FNBP1</i>	-0.000815472	0.046371879	0.428312746	1
Heart_Failure	neutrophil	<i>FOXP2</i>	0.001543079	0.003408751	0.332979638	1
Heart_Failure	neutrophil	<i>FOXRED2</i>	0.011024291	0.048679748	0.432400219	1
Heart_Failure	neutrophil	<i>FPR1</i>	-0.002163797	0.001148866	0.325856696	1
Heart_Failure	neutrophil	<i>FRS3</i>	-0.005495309	0.045232523	0.428312746	1
Heart_Failure	neutrophil	<i>FSIP2</i>	0.005082599	0.032498944	0.405209373	1
Heart_Failure	neutrophil	<i>FSTL1</i>	0.001067455	0.019796495	0.371721022	1
Heart_Failure	neutrophil	<i>GABBR1</i>	0.002381796	0.026009099	0.386642732	1
Heart_Failure	neutrophil	<i>GAS2L2</i>	0.032361209	0.041603107	0.421540253	1
Heart_Failure	neutrophil	<i>GAS8</i>	0.008138342	0.019434963	0.371721022	1

Heart_Failure	neutrophil	<i>GATAD1</i>	0.002261693	0.027014851	0.389617938	1
Heart_Failure	neutrophil	<i>GBP5</i>	-0.00305164	0.019355724	0.371721022	1
Heart_Failure	neutrophil	<i>GBP7</i>	0.028832107	0.007692581	0.340782001	1
Heart_Failure	neutrophil	<i>GEMIN5</i>	0.00454402	0.039293774	0.421540253	1
Heart_Failure	neutrophil	<i>GHR</i>	0.001005783	0.013015464	0.360155682	1
Heart_Failure	neutrophil	<i>GLI2</i>	0.003450644	0.034591752	0.408878359	1
Heart_Failure	neutrophil	<i>GLIPR1</i>	-0.002347281	0.014071884	0.360155682	1
Heart_Failure	neutrophil	<i>GLRX</i>	0.001989346	0.007862086	0.340782001	1
Heart_Failure	neutrophil	<i>GLT8D1</i>	0.004315173	0.043625539	0.423604145	1
Heart_Failure	neutrophil	<i>GNB3</i>	0.018043975	0.048050929	0.430513268	1
Heart_Failure	neutrophil	<i>GPLD1</i>	0.006196793	0.044884909	0.427802579	1
Heart_Failure	neutrophil	<i>GPSM1</i>	0.013354679	0.020186535	0.372196431	1
Heart_Failure	neutrophil	<i>GPX2</i>	0.010156295	0.015445531	0.361235732	1
Heart_Failure	neutrophil	<i>GRAMD1C</i>	-0.00308785	0.031018776	0.403852303	1
Heart_Failure	neutrophil	<i>GREB1L</i>	0.002637341	0.003397917	0.332979638	1
Heart_Failure	neutrophil	<i>GSK3B</i>	-0.001993996	0.013392268	0.360155682	1
Heart_Failure	neutrophil	<i>GSS</i>	0.006670779	0.047945996	0.430513268	1
Heart_Failure	neutrophil	<i>GSTM2</i>	0.004968293	0.013469607	0.360155682	1
Heart_Failure	neutrophil	<i>GSTM3</i>	0.00950903	0.007524565	0.340782001	1
Heart_Failure	neutrophil	<i>GSTM4</i>	0.009605419	0.033764444	0.408878359	1
Heart_Failure	neutrophil	<i>GSTM5</i>	0.011891035	0.018267328	0.371721022	1
Heart_Failure	neutrophil	<i>GTF2IRD1</i>	0.004695513	0.014343465	0.360155682	1
Heart_Failure	neutrophil	<i>GULP1</i>	0.001450378	0.044543348	0.427104515	1
Heart_Failure	neutrophil	<i>GUSB</i>	0.002621526	0.039945656	0.421540253	1
Heart_Failure	neutrophil	<i>GXYLT2</i>	0.003967714	0.01231589	0.360155682	1
Heart_Failure	neutrophil	<i>GYPC</i>	0.002293152	0.020997946	0.37359972	1
Heart_Failure	neutrophil	<i>HACE1</i>	0.002610358	0.019034389	0.371721022	1
Heart_Failure	neutrophil	<i>HAUS8</i>	0.004496696	0.035606494	0.409767956	1
Heart_Failure	neutrophil	<i>HCLS1</i>	-0.001618307	0.004285411	0.340782001	1
Heart_Failure	neutrophil	<i>HDHD2</i>	0.009334571	0.024111079	0.38118467	1
Heart_Failure	neutrophil	<i>HEPACAM</i>	0.005551984	0.016576185	0.367774999	1
Heart_Failure	neutrophil	<i>HIBADH</i>	0.002409806	0.007378703	0.340782001	1
Heart_Failure	neutrophil	<i>HID1</i>	0.005454299	0.031334251	0.404454735	1
Heart_Failure	neutrophil	<i>HLA-B</i>	-0.000910575	0.001352865	0.325856696	1
Heart_Failure	neutrophil	<i>HLA-C</i>	-0.000848737	0.039862375	0.421540253	1
Heart_Failure	neutrophil	<i>HLA-DRB1</i>	-0.000739302	0.047172115	0.430513268	1
Heart_Failure	neutrophil	<i>HLA-E</i>	-0.001368627	0.007652351	0.340782001	1
Heart_Failure	neutrophil	<i>HLA-F</i>	-0.002012363	0.039867729	0.421540253	1
Heart_Failure	neutrophil	<i>HLTF</i>	0.003807878	0.010689774	0.360155682	1
Heart_Failure	neutrophil	<i>HOXA6</i>	0.006189505	0.045787358	0.428312746	1
Heart_Failure	neutrophil	<i>HOXB3</i>	0.003160896	0.010122398	0.360155682	1
Heart_Failure	neutrophil	<i>HOXD3</i>	0.004128641	0.024621731	0.382048542	1
Heart_Failure	neutrophil	<i>HSD17B11</i>	-0.003065437	0.03117398	0.404112163	1
Heart_Failure	neutrophil	<i>IFNAR2</i>	-0.001423549	0.012355733	0.360155682	1
Heart_Failure	neutrophil	<i>IFT172</i>	0.003632621	0.025172126	0.382395432	1
Heart_Failure	neutrophil	<i>IFT46</i>	0.005012642	0.032800871	0.406676361	1
Heart_Failure	neutrophil	<i>IFT52</i>	0.0037019	0.045543483	0.428312746	1
Heart_Failure	neutrophil	<i>IGF2R</i>	-0.000711216	0.027735156	0.391832841	1
Heart_Failure	neutrophil	<i>IL17RA</i>	-0.001540933	0.021275902	0.37359972	1
Heart_Failure	neutrophil	<i>ILDR1</i>	0.029049352	0.020868244	0.37359972	1
Heart_Failure	neutrophil	<i>IQGAP1</i>	-0.001445347	0.000266335	0.325856696	1
Heart_Failure	neutrophil	<i>IRX3</i>	0.011263046	0.039723322	0.421540253	1

Heart_Failure	neutrophil	<i>ITGA11</i>	0.001672601	0.02544111	0.382962399	1
Heart_Failure	neutrophil	<i>ITGB2</i>	-0.001756754	0.031335767	0.404454735	1
Heart_Failure	neutrophil	<i>KANK3</i>	0.002143017	0.023914647	0.381103821	1
Heart_Failure	neutrophil	<i>KATNAL1</i>	0.002555888	0.043357071	0.42315804	1
Heart_Failure	neutrophil	<i>KATNAL2</i>	0.00370295	0.029161615	0.401903901	1
Heart_Failure	neutrophil	<i>KAZALD1</i>	0.018468643	0.032611365	0.405209373	1
Heart_Failure	neutrophil	<i>KCNB2</i>	0.002191015	0.028150231	0.394896199	1
Heart_Failure	neutrophil	<i>KCNIP4</i>	0.002665922	0.015634376	0.361493628	1
Heart_Failure	neutrophil	<i>KCNJ15</i>	-0.000640053	0.033908668	0.408878359	1
Heart_Failure	neutrophil	<i>KCNMB3</i>	0.006211662	0.015066754	0.360155682	1
Heart_Failure	neutrophil	<i>KCNT2</i>	0.003714271	0.014430216	0.360155682	1
Heart_Failure	neutrophil	<i>KCTD10</i>	0.004789941	0.034366191	0.408878359	1
Heart_Failure	neutrophil	<i>KCTD16</i>	0.009843355	0.006262213	0.340782001	1
Heart_Failure	neutrophil	<i>KHDC1</i>	0.005076706	0.011670051	0.360155682	1
Heart_Failure	neutrophil	<i>KHDRBS3</i>	0.001502631	0.039501825	0.421540253	1
Heart_Failure	neutrophil	<i>KLHL3</i>	0.001898333	0.034096801	0.408878359	1
Heart_Failure	neutrophil	<i>KLHL31</i>	0.00312737	0.036045021	0.411078333	1
Heart_Failure	neutrophil	<i>L3HYPDH</i>	0.004645178	0.026438551	0.388521471	1
Heart_Failure	neutrophil	<i>LAMA4</i>	0.000907965	0.004560229	0.340782001	1
Heart_Failure	neutrophil	<i>LAMB2</i>	0.002377889	0.042071365	0.421540253	1
Heart_Failure	neutrophil	<i>LAMC2</i>	0.019127377	0.001397121	0.325856696	1
Heart_Failure	neutrophil	<i>LAPTM5</i>	-0.002252425	0.009617178	0.35920161	1
Heart_Failure	neutrophil	<i>LCP2</i>	-0.001430172	0.002132981	0.325856696	1
Heart_Failure	neutrophil	<i>LHCGR</i>	0.016548895	0.002309907	0.325856696	1
Heart_Failure	neutrophil	<i>LILRB3</i>	-0.00227749	0.001509517	0.325856696	1
Heart_Failure	neutrophil	<i>LIMA1</i>	0.000978826	0.007673433	0.340782001	1
Heart_Failure	neutrophil	<i>LINC00240</i>	0.008930132	0.00279583	0.325856696	1
Heart_Failure	neutrophil	<i>LINC00472</i>	0.005041868	0.037088711	0.416333684	1
Heart_Failure	neutrophil	<i>LINC00663</i>	0.010386087	0.017062114	0.367774999	1
Heart_Failure	neutrophil	<i>LINC00910</i>	-0.013834044	0.015002618	0.360155682	1
Heart_Failure	neutrophil	<i>LINC01117</i>	0.004309031	0.015026469	0.360155682	1
Heart_Failure	neutrophil	<i>LITAF</i>	-0.000883533	0.010926754	0.360155682	1
Heart_Failure	neutrophil	<i>LMO3</i>	0.001864553	0.008827607	0.354423242	1
Heart_Failure	neutrophil	<i>LMX1A</i>	0.006016926	0.001479273	0.325856696	1
Heart_Failure	neutrophil	<i>LONP2</i>	0.002055056	0.047271685	0.430513268	1
Heart_Failure	neutrophil	<i>LPL</i>	0.001366838	0.020857209	0.37359972	1
Heart_Failure	neutrophil	<i>LRFN5</i>	0.003699188	0.017354844	0.367774999	1
Heart_Failure	neutrophil	<i>LRMP</i>	-0.001250374	0.021912535	0.375378172	1
Heart_Failure	neutrophil	<i>LRRC2</i>	0.005914196	0.007630815	0.340782001	1
Heart_Failure	neutrophil	<i>LRRC25</i>	-0.004729125	0.049909487	0.434780025	1
Heart_Failure	neutrophil	<i>LRRC34</i>	0.008072404	0.003472183	0.332979638	1
Heart_Failure	neutrophil	<i>LRRC39</i>	0.00443922	0.046230369	0.428312746	1
Heart_Failure	neutrophil	<i>LRRK2</i>	-0.000560674	0.033796926	0.408878359	1
Heart_Failure	neutrophil	<i>LSG1</i>	0.001838383	0.042111702	0.421540253	1
Heart_Failure	neutrophil	<i>LSS</i>	0.00438809	0.017236222	0.367774999	1
Heart_Failure	neutrophil	<i>LURAP1L</i>	0.003172183	0.0068114	0.340782001	1
Heart_Failure	neutrophil	<i>LYRM2</i>	0.004990809	0.028764443	0.399758868	1
Heart_Failure	neutrophil	<i>MAN2C1</i>	0.002591513	0.029365223	0.401903901	1
Heart_Failure	neutrophil	<i>MAP3K5</i>	-0.001376542	0.003278683	0.332979638	1
Heart_Failure	neutrophil	<i>MAP4K5</i>	0.001569127	0.019291095	0.371721022	1
Heart_Failure	neutrophil	<i>MAP6</i>	0.014868878	0.022642745	0.375378172	1
Heart_Failure	neutrophil	<i>MAP9</i>	0.007133464	0.049600624	0.434256526	1

Heart_Failure	neutrophil	<i>MBNL1</i>	-0.000662441	0.018685782	0.371721022	1
Heart_Failure	neutrophil	<i>MCUR1</i>	0.005173728	0.040503106	0.421540253	1
Heart_Failure	neutrophil	<i>ME3</i>	0.00399942	0.009073668	0.354423242	1
Heart_Failure	neutrophil	<i>MED24</i>	0.006209143	0.02449339	0.382048542	1
Heart_Failure	neutrophil	<i>MEGF9</i>	-0.001083629	0.007462631	0.340782001	1
Heart_Failure	neutrophil	<i>METAP1D</i>	0.003678743	0.018892917	0.371721022	1
Heart_Failure	neutrophil	<i>METTL15</i>	0.001945544	0.043913756	0.423955748	1
Heart_Failure	neutrophil	<i>MIF</i>	0.011589747	0.035724415	0.409767956	1
Heart_Failure	neutrophil	<i>MIPOL1</i>	0.002404641	0.006671013	0.340782001	1
Heart_Failure	neutrophil	<i>MKRN2</i>	0.006087865	0.035927652	0.410523224	1
Heart_Failure	neutrophil	<i>MKS1</i>	0.007326643	0.019965073	0.371721022	1
Heart_Failure	neutrophil	<i>MMP16</i>	0.002516729	0.006059745	0.340782001	1
Heart_Failure	neutrophil	<i>MMP25</i>	-0.002668382	0.010708782	0.360155682	1
Heart_Failure	neutrophil	<i>MNAT1</i>	0.001576054	0.042102766	0.421540253	1
Heart_Failure	neutrophil	<i>MOV10L1</i>	0.007345871	0.022760409	0.375378172	1
Heart_Failure	neutrophil	<i>MRAS</i>	0.00424929	0.007752876	0.340782001	1
Heart_Failure	neutrophil	<i>MRGPRF</i>	0.005310468	0.046053769	0.428312746	1
Heart_Failure	neutrophil	<i>MRPL54</i>	0.006216128	0.002194836	0.325856696	1
Heart_Failure	neutrophil	<i>MSH5</i>	0.019323746	0.034773169	0.408878359	1
Heart_Failure	neutrophil	<i>MTMR10</i>	-0.003124367	0.022703739	0.375378172	1
Heart_Failure	neutrophil	<i>MTMR3</i>	-0.001548125	0.022875161	0.375378172	1
Heart_Failure	neutrophil	<i>MTR</i>	0.001594927	0.043248121	0.42315804	1
Heart_Failure	neutrophil	<i>MTUS1</i>	0.002184084	0.003959001	0.340782001	1
Heart_Failure	neutrophil	<i>MUL1</i>	-0.01063788	0.026530461	0.388521471	1
Heart_Failure	neutrophil	<i>MX2</i>	-0.001267792	0.017856147	0.371721022	1
Heart_Failure	neutrophil	<i>MXRA7</i>	0.006328228	0.009074089	0.354423242	1
Heart_Failure	neutrophil	<i>MYO1F</i>	-0.000690933	0.00132417	0.325856696	1
Heart_Failure	neutrophil	<i>MYO5B</i>	0.009510555	0.001767439	0.325856696	1
Heart_Failure	neutrophil	<i>MYO9A</i>	0.001075386	0.027626683	0.391225261	1
Heart_Failure	neutrophil	<i>NALCN</i>	0.002768158	0.047999409	0.430513268	1
Heart_Failure	neutrophil	<i>NBEAL1</i>	0.000906537	0.024547603	0.382048542	1
Heart_Failure	neutrophil	<i>NBPF9</i>	0.008693519	0.033898644	0.408878359	1
Heart_Failure	neutrophil	<i>NCF4</i>	-0.002597854	0.044663284	0.427104515	1
Heart_Failure	neutrophil	<i>NCOA6</i>	0.00148218	0.025539204	0.383473068	1
Heart_Failure	neutrophil	<i>NDUFA6</i>	-0.003790693	0.042752454	0.42315804	1
Heart_Failure	neutrophil	<i>NDUFV3</i>	0.002944005	0.023696698	0.378640279	1
Heart_Failure	neutrophil	<i>NEAT1</i>	-0.00040235	0.011416674	0.360155682	1
Heart_Failure	neutrophil	<i>NEFH</i>	-0.02997268	0.007030979	0.340782001	1
Heart_Failure	neutrophil	<i>NEIL1</i>	0.004494479	0.024607128	0.382048542	1
Heart_Failure	neutrophil	<i>NFIA</i>	0.000916993	0.003383451	0.332979638	1
Heart_Failure	neutrophil	<i>NFIC</i>	0.001730671	0.030548551	0.403111808	1
Heart_Failure	neutrophil	<i>NFIX</i>	0.003128177	0.009478381	0.357321757	1
Heart_Failure	neutrophil	<i>NINL</i>	0.004866954	0.00355635	0.332979638	1
Heart_Failure	neutrophil	<i>NIPAL2</i>	0.002525079	0.028354053	0.396823937	1
Heart_Failure	neutrophil	<i>NKAIN4</i>	0.023022648	0.039184581	0.421540253	1
Heart_Failure	neutrophil	<i>NME1</i>	0.009416209	0.021291777	0.37359972	1
Heart_Failure	neutrophil	<i>NMNAT3</i>	0.004869444	0.000630995	0.325856696	1
Heart_Failure	neutrophil	<i>NOC2L</i>	0.005579314	0.005846311	0.340782001	1
Heart_Failure	neutrophil	<i>NOS2</i>	0.024097818	0.009017766	0.354423242	1
Heart_Failure	neutrophil	<i>NR2F6</i>	0.009047856	0.040129342	0.421540253	1
Heart_Failure	neutrophil	<i>NT5DC3</i>	0.004641242	0.014955251	0.360155682	1
Heart_Failure	neutrophil	<i>NT5E</i>	0.004300303	0.003726164	0.340782001	1

Heart_Failure	neutrophil	<i>NTANI</i>	0.003580261	0.041228555	0.421540253	1
Heart_Failure	neutrophil	<i>NUCB1</i>	0.004055583	0.029750186	0.402233282	1
Heart_Failure	neutrophil	<i>NUDT4</i>	0.003721738	0.014036904	0.360155682	1
Heart_Failure	neutrophil	<i>NUDT7</i>	0.010009186	0.005071817	0.340782001	1
Heart_Failure	neutrophil	<i>OGDHL</i>	0.010501058	0.011392262	0.360155682	1
Heart_Failure	neutrophil	<i>OGFRL1</i>	-0.001938123	0.047785914	0.430513268	1
Heart_Failure	neutrophil	<i>OPN1SW</i>	0.012554302	0.032614744	0.405209373	1
Heart_Failure	neutrophil	<i>OR8G5</i>	0.003598973	0.021740361	0.375378172	1
Heart_Failure	neutrophil	<i>OSCAR</i>	-0.00388877	0.020323109	0.372196431	1
Heart_Failure	neutrophil	<i>OSCP1</i>	0.006619598	0.027282205	0.389785514	1
Heart_Failure	neutrophil	<i>OTUD3</i>	0.006114837	0.041139697	0.421540253	1
Heart_Failure	neutrophil	<i>P4HA3</i>	0.003831251	0.025275468	0.382395432	1
Heart_Failure	neutrophil	<i>PAAF1</i>	0.003501167	0.041328879	0.421540253	1
Heart_Failure	neutrophil	<i>PADI4</i>	-0.002073536	0.029934129	0.403111808	1
Heart_Failure	neutrophil	<i>PALM2</i>	0.006461125	0.009229767	0.357321757	1
Heart_Failure	neutrophil	<i>PARD3</i>	0.000681706	0.017139346	0.367774999	1
Heart_Failure	neutrophil	<i>PARP8</i>	-0.001057371	0.000709113	0.325856696	1
Heart_Failure	neutrophil	<i>PBX1</i>	0.000866845	0.008578364	0.354423242	1
Heart_Failure	neutrophil	<i>PCDHB11</i>	0.024459237	0.003835789	0.340782001	1
Heart_Failure	neutrophil	<i>PCDHB12</i>	0.023123014	0.002099254	0.325856696	1
Heart_Failure	neutrophil	<i>PCDHB14</i>	0.010057392	0.027121998	0.389617938	1
Heart_Failure	neutrophil	<i>PCDHGA11</i>	0.030932753	0.014039508	0.360155682	1
Heart_Failure	neutrophil	<i>PCDHGA5</i>	0.010005609	0.02439086	0.382048542	1
Heart_Failure	neutrophil	<i>PCLO</i>	0.00355781	0.004978551	0.340782001	1
Heart_Failure	neutrophil	<i>PCOLCE2</i>	0.001191209	0.015727634	0.361493628	1
Heart_Failure	neutrophil	<i>PDE8B</i>	0.003871789	0.017321174	0.367774999	1
Heart_Failure	neutrophil	<i>PDGFRL</i>	0.00260966	0.014842505	0.360155682	1
Heart_Failure	neutrophil	<i>PDLIM4</i>	0.009582837	0.03058788	0.403111808	1
Heart_Failure	neutrophil	<i>PEPD</i>	0.002655488	0.031773734	0.405209373	1
Heart_Failure	neutrophil	<i>PEX10</i>	0.004137943	0.034159927	0.408878359	1
Heart_Failure	neutrophil	<i>PFN4</i>	0.007415633	0.045324801	0.428312746	1
Heart_Failure	neutrophil	<i>PGM2L1</i>	0.003628974	0.038205106	0.418078209	1
Heart_Failure	neutrophil	<i>PHF2</i>	0.00299349	0.042331241	0.422323034	1
Heart_Failure	neutrophil	<i>PHLDB1</i>	0.002058759	0.002755475	0.325856696	1
Heart_Failure	neutrophil	<i>PIAS1</i>	-0.000980523	0.01455041	0.360155682	1
Heart_Failure	neutrophil	<i>PICALM</i>	-0.000745039	0.015311852	0.361235732	1
Heart_Failure	neutrophil	<i>PIGM</i>	0.006669508	0.034133974	0.408878359	1
Heart_Failure	neutrophil	<i>PILRA</i>	-0.001503568	0.01824502	0.371721022	1
Heart_Failure	neutrophil	<i>PIP4K2B</i>	0.010272099	0.001119402	0.325856696	1
Heart_Failure	neutrophil	<i>PIWIL2</i>	0.00679449	0.020871507	0.37359972	1
Heart_Failure	neutrophil	<i>PKD1</i>	0.00343332	0.047030712	0.430513268	1
Heart_Failure	neutrophil	<i>PLA2G4C</i>	0.004448939	0.042888264	0.42315804	1
Heart_Failure	neutrophil	<i>PLA2R1</i>	0.003596041	0.004308157	0.340782001	1
Heart_Failure	neutrophil	<i>PLCD3</i>	0.010651844	0.019966942	0.371721022	1
Heart_Failure	neutrophil	<i>PLCE1</i>	0.001580213	0.00999749	0.360155682	1
Heart_Failure	neutrophil	<i>PLD1</i>	0.001587907	0.028040158	0.394896199	1
Heart_Failure	neutrophil	<i>PLEKHH1</i>	0.008558889	0.02739193	0.389785514	1
Heart_Failure	neutrophil	<i>PLEKHH2</i>	0.001997377	0.018337991	0.371721022	1
Heart_Failure	neutrophil	<i>PLLP</i>	0.006872207	0.046315996	0.428312746	1
Heart_Failure	neutrophil	<i>PLSCR4</i>	0.001483003	0.003321652	0.332979638	1
Heart_Failure	neutrophil	<i>PMEL</i>	-0.010266958	0.004460852	0.340782001	1
Heart_Failure	neutrophil	<i>PNMA1</i>	0.01175181	0.023668256	0.378640279	1

Heart_Failure	neutrophil	<i>POLD2</i>	0.008019101	0.002734731	0.325856696	1
Heart_Failure	neutrophil	<i>POLK</i>	0.002588477	0.012532143	0.360155682	1
Heart_Failure	neutrophil	<i>POLR2J3</i>	0.007766849	0.006244237	0.340782001	1
Heart_Failure	neutrophil	<i>POLR3G</i>	0.005451352	0.022398686	0.375378172	1
Heart_Failure	neutrophil	<i>POMT1</i>	0.004797529	0.045588354	0.428312746	1
Heart_Failure	neutrophil	<i>PPCDC</i>	-0.000976113	0.041883896	0.421540253	1
Heart_Failure	neutrophil	<i>PPFIBP1</i>	0.000659259	0.023017377	0.375378172	1
Heart_Failure	neutrophil	<i>PPP1R9A</i>	0.001700809	0.00869234	0.354423242	1
Heart_Failure	neutrophil	<i>PPP2R1B</i>	0.002181582	0.005067445	0.340782001	1
Heart_Failure	neutrophil	<i>PPT1</i>	-0.004904985	0.005456997	0.340782001	1
Heart_Failure	neutrophil	<i>PRDX2</i>	0.004419109	0.031410757	0.404548891	1
Heart_Failure	neutrophil	<i>PRICKLE1</i>	0.001721909	0.018823073	0.371721022	1
Heart_Failure	neutrophil	<i>PRKAR1B</i>	0.002442835	0.032478167	0.405209373	1
Heart_Failure	neutrophil	<i>PROCR</i>	0.001460653	0.048626319	0.432400219	1
Heart_Failure	neutrophil	<i>PRPSAP1</i>	0.003495989	0.007253464	0.340782001	1
Heart_Failure	neutrophil	<i>PRRC1</i>	0.004368655	0.041850451	0.421540253	1
Heart_Failure	neutrophil	<i>PRSS23</i>	0.001372366	0.001263221	0.325856696	1
Heart_Failure	neutrophil	<i>PRTG</i>	0.005736827	0.023012085	0.375378172	1
Heart_Failure	neutrophil	<i>PRTN3</i>	0.002799726	0.034146475	0.408878359	1
Heart_Failure	neutrophil	<i>PSAP</i>	-0.001112032	0.011796417	0.360155682	1
Heart_Failure	neutrophil	<i>PSORS1C1</i>	0.009989314	0.010965332	0.360155682	1
Heart_Failure	neutrophil	<i>PSTPIP1</i>	-0.002841507	0.03453882	0.408878359	1
Heart_Failure	neutrophil	<i>PTAFR</i>	-0.003939581	0.02592461	0.386642732	1
Heart_Failure	neutrophil	<i>PTBP2</i>	0.001089089	0.03465254	0.408878359	1
Heart_Failure	neutrophil	<i>PTCHD3</i>	0.015572121	0.039547604	0.421540253	1
Heart_Failure	neutrophil	<i>PTER</i>	0.002308439	0.043991188	0.424018288	1
Heart_Failure	neutrophil	<i>PTGR1</i>	0.003436875	0.019305483	0.371721022	1
Heart_Failure	neutrophil	<i>PTK2</i>	0.000730124	0.037162704	0.416333684	1
Heart_Failure	neutrophil	<i>PTPN14</i>	0.001238201	0.03003438	0.403111808	1
Heart_Failure	neutrophil	<i>PTPRJ</i>	-0.000780427	0.005584075	0.340782001	1
Heart_Failure	neutrophil	<i>PTPRS</i>	0.001858393	0.002560249	0.325856696	1
Heart_Failure	neutrophil	<i>PUS10</i>	0.003341455	0.026659659	0.388521471	1
Heart_Failure	neutrophil	<i>PUS3</i>	0.009289281	0.036367864	0.413183184	1
Heart_Failure	neutrophil	<i>PYROXD1</i>	0.002077547	0.04094079	0.421540253	1
Heart_Failure	neutrophil	<i>PYROXD2</i>	0.004321737	0.008386649	0.354423242	1
Heart_Failure	neutrophil	<i>RABAC1</i>	0.002807284	0.046795073	0.430513268	1
Heart_Failure	neutrophil	<i>RAI14</i>	0.002025249	0.031149664	0.404112163	1
Heart_Failure	neutrophil	<i>RALB</i>	-0.003284793	0.035065914	0.409724522	1
Heart_Failure	neutrophil	<i>RAMP2-AS1</i>	0.005663864	0.013313802	0.360155682	1
Heart_Failure	neutrophil	<i>RAPGEF4</i>	0.002050067	0.004686326	0.340782001	1
Heart_Failure	neutrophil	<i>RBM28</i>	0.003073131	0.030348065	0.403111808	1
Heart_Failure	neutrophil	<i>RCAN3</i>	-0.002068534	0.047902967	0.430513268	1
Heart_Failure	neutrophil	<i>RCSD1</i>	-0.000790649	0.047448041	0.430513268	1
Heart_Failure	neutrophil	<i>RDH5</i>	0.001803018	0.01008004	0.360155682	1
Heart_Failure	neutrophil	<i>RECQL5</i>	0.008046931	0.019067231	0.371721022	1
Heart_Failure	neutrophil	<i>RFWD2</i>	-0.000783253	0.013175664	0.360155682	1
Heart_Failure	neutrophil	<i>RGS10</i>	-0.00399544	0.035234555	0.409767956	1
Heart_Failure	neutrophil	<i>RGS19</i>	-0.004370441	0.021443224	0.37359972	1
Heart_Failure	neutrophil	<i>RGS2</i>	-0.001748728	0.013703737	0.360155682	1
Heart_Failure	neutrophil	<i>RHOBTB3</i>	0.001089463	0.022161201	0.375378172	1
Heart_Failure	neutrophil	<i>RHOJ</i>	0.001353861	0.004563445	0.340782001	1
Heart_Failure	neutrophil	<i>RICTOR</i>	-0.001299623	0.000719852	0.325856696	1

Heart_Failure	neutrophil	<i>RIFI</i>	0.002236642	0.030533647	0.403111808	1
Heart_Failure	neutrophil	<i>RNASE1</i>	-0.001593989	0.007235601	0.340782001	1
Heart_Failure	neutrophil	<i>RNF149</i>	-0.000705581	0.004889398	0.340782001	1
Heart_Failure	neutrophil	<i>RNF214</i>	0.00278751	0.014635316	0.360155682	1
Heart_Failure	neutrophil	<i>RNF24</i>	-0.000464036	0.04876803	0.432400219	1
Heart_Failure	neutrophil	<i>RNF34</i>	-0.00287261	0.021033294	0.37359972	1
Heart_Failure	neutrophil	<i>RPAP1</i>	0.007082429	0.005305954	0.340782001	1
Heart_Failure	neutrophil	<i>RPS11</i>	-0.001455499	0.04223556	0.422073086	1
Heart_Failure	neutrophil	<i>RPSA</i>	-0.00352138	0.033255358	0.408272261	1
Heart_Failure	neutrophil	<i>RRM1</i>	0.004652061	0.013073206	0.360155682	1
Heart_Failure	neutrophil	<i>RRN3</i>	0.005744184	0.032948562	0.407661707	1
Heart_Failure	neutrophil	<i>RUFY2</i>	0.002234063	0.036753528	0.41630791	1
Heart_Failure	neutrophil	<i>SI00A8</i>	-0.002310905	0.02656453	0.388521471	1
Heart_Failure	neutrophil	<i>SI00A9</i>	-0.001373695	0.037662459	0.417494166	1
Heart_Failure	neutrophil	<i>SI00B</i>	0.004199859	0.024072733	0.38118467	1
Heart_Failure	neutrophil	<i>SAMD9</i>	-0.002676736	0.04935665	0.43375785	1
Heart_Failure	neutrophil	<i>SASS6</i>	0.0050653	0.032155833	0.405209373	1
Heart_Failure	neutrophil	<i>SCAMP1</i>	-0.001805233	0.023123949	0.375512821	1
Heart_Failure	neutrophil	<i>SCARA5</i>	0.001503005	0.039278098	0.421540253	1
Heart_Failure	neutrophil	<i>SCMHI</i>	0.001733868	0.008483169	0.354423242	1
Heart_Failure	neutrophil	<i>SCRN2</i>	0.004705407	0.027097765	0.389617938	1
Heart_Failure	neutrophil	<i>SDC4</i>	0.01315278	0.007504267	0.340782001	1
Heart_Failure	neutrophil	<i>SDK1</i>	0.000838039	0.027319285	0.389785514	1
Heart_Failure	neutrophil	<i>SEC14L1</i>	-0.001345511	0.005078698	0.340782001	1
Heart_Failure	neutrophil	<i>SELENBP1</i>	0.005653371	0.000980326	0.325856696	1
Heart_Failure	neutrophil	<i>SEMA4D</i>	-0.001574555	0.001649255	0.325856696	1
Heart_Failure	neutrophil	<i>Sep-10</i>	0.004064504	0.002058233	0.325856696	1
Heart_Failure	neutrophil	<i>SERPINF1</i>	0.001720744	0.033339502	0.408272261	1
Heart_Failure	neutrophil	<i>SETD9</i>	0.009033031	0.001015804	0.325856696	1
Heart_Failure	neutrophil	<i>SGCE</i>	0.003236165	0.018121196	0.371721022	1
Heart_Failure	neutrophil	<i>SH3BGR</i>	0.010030486	0.039334928	0.421540253	1
Heart_Failure	neutrophil	<i>SH3D19</i>	0.001187994	0.000737152	0.325856696	1
Heart_Failure	neutrophil	<i>SIRPB2</i>	-0.003316342	0.009295838	0.357321757	1
Heart_Failure	neutrophil	<i>SIRT3</i>	0.004436593	0.030450055	0.403111808	1
Heart_Failure	neutrophil	<i>SKIV2L2</i>	0.001566076	0.043615797	0.423604145	1
Heart_Failure	neutrophil	<i>SLC1A5</i>	0.007924666	0.016469386	0.367774999	1
Heart_Failure	neutrophil	<i>SLC1A7</i>	0.012189097	0.034736121	0.408878359	1
Heart_Failure	neutrophil	<i>SLC22A23</i>	0.001394401	0.047130431	0.430513268	1
Heart_Failure	neutrophil	<i>SLC25A27</i>	0.003059566	0.006094389	0.340782001	1
Heart_Failure	neutrophil	<i>SLC26A5</i>	0.002496064	0.015453962	0.361235732	1
Heart_Failure	neutrophil	<i>SLC41A3</i>	0.007552917	0.001731845	0.325856696	1
Heart_Failure	neutrophil	<i>SLCO1C1</i>	0.006819118	0.026360617	0.388521471	1
Heart_Failure	neutrophil	<i>SLCO3A1</i>	-0.000762219	0.006915262	0.340782001	1
Heart_Failure	neutrophil	<i>SMAD5</i>	0.002065715	0.038267868	0.418078209	1
Heart_Failure	neutrophil	<i>SMCHD1</i>	-0.000664852	0.000940044	0.325856696	1
Heart_Failure	neutrophil	<i>SMIM8</i>	0.00367454	0.02399674	0.38118467	1
Heart_Failure	neutrophil	<i>SMPD2</i>	0.010505277	0.043052899	0.42315804	1
Heart_Failure	neutrophil	<i>SMYD4</i>	0.003477391	0.013622976	0.360155682	1
Heart_Failure	neutrophil	<i>SNHG18</i>	0.010248122	0.03991233	0.421540253	1
Heart_Failure	neutrophil	<i>SNTB2</i>	0.002185347	0.008659981	0.354423242	1
Heart_Failure	neutrophil	<i>SNTG2</i>	0.000968141	0.019445576	0.371721022	1
Heart_Failure	neutrophil	<i>SOAT2</i>	0.01715118	0.024429485	0.382048542	1

Heart_Failure	neutrophil	<i>SP110</i>	-0.001819918	0.007317077	0.340782001	1
Heart_Failure	neutrophil	<i>SPAG17</i>	0.003203789	0.042560985	0.42315804	1
Heart_Failure	neutrophil	<i>SPATA22</i>	0.003143188	0.007756434	0.340782001	1
Heart_Failure	neutrophil	<i>SPICE1</i>	0.003133051	0.011809347	0.360155682	1
Heart_Failure	neutrophil	<i>SPINK5</i>	0.019990444	0.035679929	0.409767956	1
Heart_Failure	neutrophil	<i>SPOCK2</i>	-0.002311721	0.037702714	0.417494166	1
Heart_Failure	neutrophil	<i>SPRTN</i>	-0.003053576	0.041454702	0.421540253	1
Heart_Failure	neutrophil	<i>SPTBN1</i>	0.000840456	0.004455202	0.340782001	1
Heart_Failure	neutrophil	<i>SRGAP1</i>	0.002031638	0.003542983	0.332979638	1
Heart_Failure	neutrophil	<i>SRPK2</i>	-0.000508391	0.041878902	0.421540253	1
Heart_Failure	neutrophil	<i>STARD9</i>	0.001363767	0.013957242	0.360155682	1
Heart_Failure	neutrophil	<i>STK17B</i>	-0.001009828	0.013542989	0.360155682	1
Heart_Failure	neutrophil	<i>STON1</i>	0.007053188	0.022244263	0.375378172	1
Heart_Failure	neutrophil	<i>STON1-GTF2A1L</i>	0.009875918	0.002670849	0.325856696	1
Heart_Failure	neutrophil	<i>STOX1</i>	0.005153216	0.005526811	0.340782001	1
Heart_Failure	neutrophil	<i>STXBP6</i>	0.001137494	0.044796521	0.427642189	1
Heart_Failure	neutrophil	<i>STYXL1</i>	0.004757953	0.030399144	0.403111808	1
Heart_Failure	neutrophil	<i>SULF1</i>	0.00150287	0.038223532	0.418078209	1
Heart_Failure	neutrophil	<i>SULT1B1</i>	-0.007544634	0.012431144	0.360155682	1
Heart_Failure	neutrophil	<i>SUN1</i>	0.00182128	0.013523183	0.360155682	1
Heart_Failure	neutrophil	<i>SYDE1</i>	0.013417647	0.009507055	0.357321757	1
Heart_Failure	neutrophil	<i>SYK</i>	-0.000857924	0.004174884	0.340782001	1
Heart_Failure	neutrophil	<i>TACC2</i>	0.002653659	0.016803301	0.367774999	1
Heart_Failure	neutrophil	<i>TACC3</i>	-0.005575281	0.017302217	0.367774999	1
Heart_Failure	neutrophil	<i>TAX1BP3</i>	0.012138171	0.022002566	0.375378172	1
Heart_Failure	neutrophil	<i>TBC1D22A</i>	-0.00138793	0.00177553	0.325856696	1
Heart_Failure	neutrophil	<i>TBC1D4</i>	0.001878552	0.020204868	0.372196431	1
Heart_Failure	neutrophil	<i>TDRP</i>	0.00371759	0.021292505	0.37359972	1
Heart_Failure	neutrophil	<i>TFEB</i>	-0.002811348	0.019387793	0.371721022	1
Heart_Failure	neutrophil	<i>TGMI</i>	0.026675408	0.043143719	0.42315804	1
Heart_Failure	neutrophil	<i>THEMIS2</i>	-0.003158923	0.024886204	0.382048542	1
Heart_Failure	neutrophil	<i>THNSL2</i>	0.008393863	0.015033824	0.360155682	1
Heart_Failure	neutrophil	<i>THRSP</i>	0.00558599	0.029677164	0.402233282	1
Heart_Failure	neutrophil	<i>TIPIN</i>	0.004826959	0.041468433	0.421540253	1
Heart_Failure	neutrophil	<i>TK2</i>	0.005302297	0.004076273	0.340782001	1
Heart_Failure	neutrophil	<i>TLN2</i>	0.000991808	0.040606632	0.421540253	1
Heart_Failure	neutrophil	<i>TLR3</i>	0.01337774	0.006439478	0.340782001	1
Heart_Failure	neutrophil	<i>TMCC3</i>	-0.002475772	0.016656006	0.367774999	1
Heart_Failure	neutrophil	<i>TMEM127</i>	-0.005217599	0.021845156	0.375378172	1
Heart_Failure	neutrophil	<i>TMEM132B</i>	0.01179944	0.035476155	0.409767956	1
Heart_Failure	neutrophil	<i>TMEM132C</i>	0.001219018	0.027459789	0.389785514	1
Heart_Failure	neutrophil	<i>TMEM17</i>	0.01080003	0.023035017	0.375378172	1
Heart_Failure	neutrophil	<i>TMEM200B</i>	0.013121998	0.011221839	0.360155682	1
Heart_Failure	neutrophil	<i>TMEM220</i>	0.002918217	0.011761671	0.360155682	1
Heart_Failure	neutrophil	<i>TMEM232</i>	0.005564986	0.013606834	0.360155682	1
Heart_Failure	neutrophil	<i>TMEM233</i>	0.005288489	0.043406272	0.42315804	1
Heart_Failure	neutrophil	<i>TMEM241</i>	0.002458019	0.006855073	0.340782001	1
Heart_Failure	neutrophil	<i>TMEM98</i>	0.007111595	0.005100842	0.340782001	1
Heart_Failure	neutrophil	<i>TNFRSF10C</i>	-0.001682619	0.014630263	0.360155682	1
Heart_Failure	neutrophil	<i>TNFSF10</i>	-0.001770184	0.037991629	0.418078209	1
Heart_Failure	neutrophil	<i>TP53I3</i>	0.005672709	0.005619652	0.340782001	1
Heart_Failure	neutrophil	<i>TP63</i>	0.00551692	0.038684985	0.421095578	1

Heart_Failure	neutrophil	<i>TPGS2</i>	0.004629783	0.007745979	0.340782001	1
Heart_Failure	neutrophil	<i>TRANK1</i>	-0.001776726	0.046995156	0.430513268	1
Heart_Failure	neutrophil	<i>TRIM2</i>	0.003860349	0.010917446	0.360155682	1
Heart_Failure	neutrophil	<i>TRIM32</i>	0.009641237	0.037372898	0.417458759	1
Heart_Failure	neutrophil	<i>TRPM4</i>	0.007141009	0.021782608	0.375378172	1
Heart_Failure	neutrophil	<i>TRPM6</i>	-0.005485344	0.034825817	0.408878359	1
Heart_Failure	neutrophil	<i>TSHZ2</i>	0.000533985	0.014565153	0.360155682	1
Heart_Failure	neutrophil	<i>TSPAN15</i>	0.002215023	0.02216945	0.375378172	1
Heart_Failure	neutrophil	<i>TTC21B</i>	0.001886326	0.03763852	0.417494166	1
Heart_Failure	neutrophil	<i>TTC23</i>	0.003467302	0.046554449	0.429335471	1
Heart_Failure	neutrophil	<i>TTC38</i>	0.003237779	0.032295548	0.405209373	1
Heart_Failure	neutrophil	<i>TTI1</i>	0.003277769	0.019776635	0.371721022	1
Heart_Failure	neutrophil	<i>TTLL11</i>	0.003654799	0.024184506	0.3813367	1
Heart_Failure	neutrophil	<i>TTPA</i>	0.007714221	0.03557001	0.409767956	1
Heart_Failure	neutrophil	<i>TUBB8</i>	-0.016292612	0.001611814	0.325856696	1
Heart_Failure	neutrophil	<i>TULP3</i>	0.002328837	0.019645936	0.371721022	1
Heart_Failure	neutrophil	<i>TXNRD2</i>	0.004227739	0.037725376	0.417494166	1
Heart_Failure	neutrophil	<i>TYMP</i>	-0.001952095	0.015500681	0.361235732	1
Heart_Failure	neutrophil	<i>UACA</i>	0.001147898	0.030715062	0.403413644	1
Heart_Failure	neutrophil	<i>UBASH3B</i>	-0.002398712	0.022341932	0.375378172	1
Heart_Failure	neutrophil	<i>UBLCP1</i>	0.004813546	0.042013346	0.421540253	1
Heart_Failure	neutrophil	<i>UBN1</i>	-0.001531167	0.014628637	0.360155682	1
Heart_Failure	neutrophil	<i>UBR2</i>	-0.000764886	0.047819624	0.430513268	1
Heart_Failure	neutrophil	<i>UBR4</i>	0.002145557	0.040284342	0.421540253	1
Heart_Failure	neutrophil	<i>UBXN2A</i>	0.003089024	0.047297573	0.430513268	1
Heart_Failure	neutrophil	<i>UGGT2</i>	0.001469447	0.021853636	0.375378172	1
Heart_Failure	neutrophil	<i>UGP2</i>	0.001643367	0.011517128	0.360155682	1
Heart_Failure	neutrophil	<i>UPB1</i>	0.010520049	0.024932887	0.382048542	1
Heart_Failure	neutrophil	<i>UPK3B</i>	0.01407942	0.029209983	0.401903901	1
Heart_Failure	neutrophil	<i>USB1</i>	-0.00966123	0.011271527	0.360155682	1
Heart_Failure	neutrophil	<i>USP15</i>	-0.000962504	0.002512454	0.325856696	1
Heart_Failure	neutrophil	<i>USP30</i>	0.006304552	0.012714851	0.360155682	1
Heart_Failure	neutrophil	<i>USP40</i>	0.003213774	0.005911636	0.340782001	1
Heart_Failure	neutrophil	<i>USP53</i>	0.001171976	0.04280921	0.42315804	1
Heart_Failure	neutrophil	<i>VAR52</i>	0.009681777	0.048747739	0.432400219	1
Heart_Failure	neutrophil	<i>VNN2</i>	-0.001707751	0.018526947	0.371721022	1
Heart_Failure	neutrophil	<i>VNN3</i>	-0.003823761	0.03749249	0.417494166	1
Heart_Failure	neutrophil	<i>VPS28</i>	-0.005082079	0.010227407	0.360155682	1
Heart_Failure	neutrophil	<i>VPS8</i>	-0.001594229	0.014913547	0.360155682	1
Heart_Failure	neutrophil	<i>VSIG10</i>	0.00407657	0.020536524	0.37302817	1
Heart_Failure	neutrophil	<i>WASF1</i>	0.003974555	0.019291398	0.371721022	1
Heart_Failure	neutrophil	<i>WBP4</i>	0.003391075	0.030280933	0.403111808	1
Heart_Failure	neutrophil	<i>WDFY4</i>	-0.001387611	0.01179693	0.360155682	1
Heart_Failure	neutrophil	<i>WDR19</i>	0.003939061	0.006139804	0.340782001	1
Heart_Failure	neutrophil	<i>WDR27</i>	0.002315281	0.015959011	0.36401164	1
Heart_Failure	neutrophil	<i>WDR31</i>	0.008925678	0.002362773	0.325856696	1
Heart_Failure	neutrophil	<i>WDR41</i>	0.003450293	0.0075376	0.340782001	1
Heart_Failure	neutrophil	<i>WDR60</i>	0.002363438	0.015421863	0.361235732	1
Heart_Failure	neutrophil	<i>WDR86</i>	0.006591399	0.006898793	0.340782001	1
Heart_Failure	neutrophil	<i>WDR92</i>	0.006881963	0.037976488	0.418078209	1
Heart_Failure	neutrophil	<i>WDR93</i>	0.003775014	0.019649893	0.371721022	1
Heart_Failure	neutrophil	<i>WDSUB1</i>	0.003124551	0.041638122	0.421540253	1

Heart_Failure	neutrophil	<i>WEE2</i>	0.017802124	0.02140089	0.37359972	1
Heart_Failure	neutrophil	<i>WIPF1</i>	-0.00126262	0.001520701	0.325856696	1
Heart_Failure	neutrophil	<i>WWTR1</i>	0.00146613	0.012848616	0.360155682	1
Heart_Failure	neutrophil	<i>XPO6</i>	-0.001135604	0.001888098	0.325856696	1
Heart_Failure	neutrophil	<i>XXYLT1</i>	0.00498925	0.017763906	0.371721022	1
Heart_Failure	neutrophil	<i>YTHDC2</i>	0.001206769	0.025971165	0.386642732	1
Heart_Failure	neutrophil	<i>ZBTB49</i>	-0.004560503	0.038845227	0.421540253	1
Heart_Failure	neutrophil	<i>ZC2HC1A</i>	0.002438682	0.012506645	0.360155682	1
Heart_Failure	neutrophil	<i>ZDHHC11B</i>	0.006470072	0.037072311	0.416333684	1
Heart_Failure	neutrophil	<i>ZDHHC21</i>	0.001841569	0.023292591	0.375728443	1
Heart_Failure	neutrophil	<i>ZFHX4</i>	0.001973587	0.013603338	0.360155682	1
Heart_Failure	neutrophil	<i>ZFP28</i>	0.005780952	0.007926489	0.340782001	1
Heart_Failure	neutrophil	<i>ZFPM2</i>	0.000568588	0.031574923	0.404863269	1
Heart_Failure	neutrophil	<i>ZKSCAN7</i>	0.007430355	0.042047057	0.421540253	1
Heart_Failure	neutrophil	<i>ZKSCAN8</i>	0.004984487	0.046930242	0.430513268	1
Heart_Failure	neutrophil	<i>ZNF117</i>	0.003146975	0.011953724	0.360155682	1
Heart_Failure	neutrophil	<i>ZNF132</i>	0.011513672	0.017932463	0.371721022	1
Heart_Failure	neutrophil	<i>ZNF135</i>	0.007849108	0.003166042	0.332979638	1
Heart_Failure	neutrophil	<i>ZNF197</i>	0.00461053	0.014767454	0.360155682	1
Heart_Failure	neutrophil	<i>ZNF208</i>	0.003583382	0.018934643	0.371721022	1
Heart_Failure	neutrophil	<i>ZNF257</i>	0.006296211	0.041110646	0.421540253	1
Heart_Failure	neutrophil	<i>ZNF260</i>	-0.003536472	0.046113409	0.428312746	1
Heart_Failure	neutrophil	<i>ZNF302</i>	0.002070378	0.033272141	0.408272261	1
Heart_Failure	neutrophil	<i>ZNF320</i>	0.008669822	0.018871195	0.371721022	1
Heart_Failure	neutrophil	<i>ZNF33A</i>	-0.002748029	0.012568444	0.360155682	1
Heart_Failure	neutrophil	<i>ZNF345</i>	0.002545794	0.049743728	0.434368595	1
Heart_Failure	neutrophil	<i>ZNF419</i>	0.008054306	0.046064599	0.428312746	1
Heart_Failure	neutrophil	<i>ZNF436</i>	0.007447815	0.043679828	0.423604145	1
Heart_Failure	neutrophil	<i>ZNF446</i>	0.005329941	0.027409875	0.389785514	1
Heart_Failure	neutrophil	<i>ZNF454</i>	0.011929813	0.020436034	0.372334568	1
Heart_Failure	neutrophil	<i>ZNF471</i>	0.00580366	0.023325845	0.375728443	1
Heart_Failure	neutrophil	<i>ZNF483</i>	0.004791235	0.036921552	0.41630791	1
Heart_Failure	neutrophil	<i>ZNF584</i>	0.006368817	0.019960265	0.371721022	1
Heart_Failure	neutrophil	<i>ZNF608</i>	0.002738039	0.001334522	0.325856696	1
Heart_Failure	neutrophil	<i>ZNF627</i>	0.005158573	0.049631393	0.434256526	1
Heart_Failure	neutrophil	<i>ZNF7</i>	0.002438538	0.047612571	0.430513268	1
Heart_Failure	neutrophil	<i>ZNF717</i>	0.003863239	0.043327384	0.42315804	1
Heart_Failure	neutrophil	<i>ZNF93</i>	0.004789429	0.020294171	0.372196431	1
Heart_Failure	neutrophil	<i>ZSCAN23</i>	0.008133589	0.045538457	0.428312746	1
Heart_Failure	neutrophil	<i>ZSCAN29</i>	0.006936896	0.049599728	0.434256526	1
Heart_Failure	neutrophil	<i>ZSCAN31</i>	0.006325606	0.016963487	0.367774999	1
Heart_Failure	neutrophil	<i>ZSWIM5</i>	0.003686686	0.036329898	0.413183184	1
Heart_Failure	neutrophil	<i>GSTM1</i>	0.005705676	0.012106614	0.360155682	1
Heart_Failure	neutrophil	<i>SLC12A5</i>	0.036438009	0.043251128	0.42315804	1
Heart_Failure	nk_cell	<i>A4GALT</i>	0.004238463	0.04610496	0.734728644	1
Heart_Failure	nk_cell	<i>ABCA8</i>	0.000811874	0.036432847	0.732236244	1
Heart_Failure	nk_cell	<i>ABCG5</i>	0.011943556	0.030525083	0.698919144	1
Heart_Failure	nk_cell	<i>ABHD3</i>	-0.002468276	0.003325421	0.629871788	1
Heart_Failure	nk_cell	<i>ABTB1</i>	-0.00277361	0.024608072	0.668432991	1
Heart_Failure	nk_cell	<i>AC107021.1</i>	0.003016219	0.015154192	0.629871788	1
Heart_Failure	nk_cell	<i>AC108463.2</i>	0.010604835	0.043195576	0.732236244	1
Heart_Failure	nk_cell	<i>ACTR3</i>	-0.001388877	0.027666547	0.688892457	1

Heart_Failure	nk_cell	<i>ADAM8</i>	-0.00616563	0.004143416	0.629871788	1
Heart_Failure	nk_cell	<i>ADAMTS12</i>	0.000885376	0.038583714	0.732236244	1
Heart_Failure	nk_cell	<i>ADAT2</i>	0.00481087	0.011180152	0.629871788	1
Heart_Failure	nk_cell	<i>ADH4</i>	0.008517375	0.048333551	0.735533	1
Heart_Failure	nk_cell	<i>AFF4</i>	0.001768106	0.046903097	0.735533	1
Heart_Failure	nk_cell	<i>AGAP4</i>	0.012043868	0.003132059	0.629871788	1
Heart_Failure	nk_cell	<i>AGBL3</i>	0.004069184	0.010932007	0.629871788	1
Heart_Failure	nk_cell	<i>AGTPBP1</i>	-0.001721814	0.005015296	0.629871788	1
Heart_Failure	nk_cell	<i>AH11</i>	0.000842473	0.04732526	0.735533	1
Heart_Failure	nk_cell	<i>AIG1</i>	0.003479419	0.013979529	0.629871788	1
Heart_Failure	nk_cell	<i>ALDH7A1</i>	0.003560515	0.04031158	0.732236244	1
Heart_Failure	nk_cell	<i>ALPK1</i>	-0.001456864	0.015099288	0.629871788	1
Heart_Failure	nk_cell	<i>ANKRD13B</i>	0.018960303	0.023567714	0.668432991	1
Heart_Failure	nk_cell	<i>ANKRD13D</i>	-0.002474901	0.039283792	0.732236244	1
Heart_Failure	nk_cell	<i>ANKRD26</i>	0.004947788	0.000335983	0.629871788	1
Heart_Failure	nk_cell	<i>ANKRD44</i>	-0.000562733	0.008016916	0.629871788	1
Heart_Failure	nk_cell	<i>AP4M1</i>	0.004597258	0.021456823	0.668432991	1
Heart_Failure	nk_cell	<i>APBB1IP</i>	-0.000583952	0.017540021	0.631710302	1
Heart_Failure	nk_cell	<i>ARFGEF2</i>	0.002292717	0.017162067	0.631710302	1
Heart_Failure	nk_cell	<i>ARHGAP9</i>	-0.003745885	0.003337508	0.629871788	1
Heart_Failure	nk_cell	<i>ARHGD1B</i>	-0.001770893	0.021719303	0.668432991	1
Heart_Failure	nk_cell	<i>ARHGEF7</i>	0.001709163	0.004449074	0.629871788	1
Heart_Failure	nk_cell	<i>ARMC9</i>	0.00731664	0.001473979	0.629871788	1
Heart_Failure	nk_cell	<i>ARPC2</i>	-0.0009902	0.024036409	0.668432991	1
Heart_Failure	nk_cell	<i>ARPC3</i>	-0.003373832	0.028863056	0.690101854	1
Heart_Failure	nk_cell	<i>ARRDC1</i>	-0.006704387	0.020147913	0.656180991	1
Heart_Failure	nk_cell	<i>ASAH2B</i>	0.012495431	0.020579808	0.661209327	1
Heart_Failure	nk_cell	<i>ASAP3</i>	0.004440639	0.043605621	0.732236244	1
Heart_Failure	nk_cell	<i>ASCC1</i>	0.003732152	0.03649352	0.732236244	1
Heart_Failure	nk_cell	<i>ATG7</i>	-0.00071988	0.048308253	0.735533	1
Heart_Failure	nk_cell	<i>ATP6AP1L</i>	0.004171872	0.040188297	0.732236244	1
Heart_Failure	nk_cell	<i>ATP9A</i>	0.002575918	0.002005487	0.629871788	1
Heart_Failure	nk_cell	<i>AUTS2</i>	0.000722466	0.00565949	0.629871788	1
Heart_Failure	nk_cell	<i>AVEN</i>	0.003321821	0.032494707	0.709242152	1
Heart_Failure	nk_cell	<i>B3GNTL1</i>	-0.005480981	0.002908659	0.629871788	1
Heart_Failure	nk_cell	<i>BAHD1</i>	0.00373094	0.040821063	0.732236244	1
Heart_Failure	nk_cell	<i>BASP1</i>	-0.001108746	0.020842354	0.662520788	1
Heart_Failure	nk_cell	<i>BBC3</i>	-0.011094865	0.046567331	0.735533	1
Heart_Failure	nk_cell	<i>BIK</i>	0.026195847	0.020203699	0.656180991	1
Heart_Failure	nk_cell	<i>C15orf61</i>	-0.011524298	0.000430111	0.629871788	1
Heart_Failure	nk_cell	<i>C19orf18</i>	0.00797407	0.020842024	0.662520788	1
Heart_Failure	nk_cell	<i>C2CD2</i>	0.002671349	0.014377439	0.629871788	1
Heart_Failure	nk_cell	<i>C2orf88</i>	0.003186062	0.016238572	0.630140964	1
Heart_Failure	nk_cell	<i>C4orf32</i>	0.001175988	0.038008725	0.732236244	1
Heart_Failure	nk_cell	<i>C5AR1</i>	-0.001403068	0.00780336	0.629871788	1
Heart_Failure	nk_cell	<i>C5orf42</i>	0.001750915	0.041587279	0.732236244	1
Heart_Failure	nk_cell	<i>C8orf37</i>	-0.014131665	0.012594018	0.629871788	1
Heart_Failure	nk_cell	<i>CACNA2D1</i>	0.000936668	0.02332234	0.668432991	1
Heart_Failure	nk_cell	<i>CAPZA2</i>	-0.002827203	0.020094679	0.656180991	1
Heart_Failure	nk_cell	<i>CARD16</i>	-0.006968289	0.041552118	0.732236244	1
Heart_Failure	nk_cell	<i>CASP8</i>	-0.001654771	0.013949543	0.629871788	1
Heart_Failure	nk_cell	<i>CAT</i>	0.002235136	0.009848929	0.629871788	1

Heart_Failure	nk_cell	<i>CBL</i>	-0.002266356	0.003860979	0.629871788	1
Heart_Failure	nk_cell	<i>CCDC102B</i>	0.001416702	0.048627741	0.735533	1
Heart_Failure	nk_cell	<i>CCDC171</i>	0.004305032	0.01190568	0.629871788	1
Heart_Failure	nk_cell	<i>CCDC50</i>	0.003001052	0.02456648	0.668432991	1
Heart_Failure	nk_cell	<i>CCDC57</i>	0.00270538	0.041674477	0.732236244	1
Heart_Failure	nk_cell	<i>CCDC92</i>	0.00278297	0.041674675	0.732236244	1
Heart_Failure	nk_cell	<i>CDA</i>	-0.003596221	0.007193964	0.629871788	1
Heart_Failure	nk_cell	<i>CDC42BPA</i>	0.00110367	0.007752928	0.629871788	1
Heart_Failure	nk_cell	<i>CDHR3</i>	0.002533666	0.013216002	0.629871788	1
Heart_Failure	nk_cell	<i>CDON</i>	0.001546023	0.038296069	0.732236244	1
Heart_Failure	nk_cell	<i>CEACAM4</i>	-0.007009712	0.012914445	0.629871788	1
Heart_Failure	nk_cell	<i>CECR2</i>	0.003193338	0.040762479	0.732236244	1
Heart_Failure	nk_cell	<i>CGGBP1</i>	0.001610319	0.044191698	0.732236244	1
Heart_Failure	nk_cell	<i>CHI3L1</i>	-0.004601896	0.007765117	0.629871788	1
Heart_Failure	nk_cell	<i>CHRD12</i>	-0.01234425	0.04304928	0.732236244	1
Heart_Failure	nk_cell	<i>CHST11</i>	-0.000693284	0.002291062	0.629871788	1
Heart_Failure	nk_cell	<i>CLCN2</i>	-0.008669656	0.028169498	0.688892457	1
Heart_Failure	nk_cell	<i>CLCNKA</i>	0.031671364	0.007308295	0.629871788	1
Heart_Failure	nk_cell	<i>CLDN11</i>	0.002327001	0.042322886	0.732236244	1
Heart_Failure	nk_cell	<i>CLEC4E</i>	-0.002217831	0.005909093	0.629871788	1
Heart_Failure	nk_cell	<i>CLTCL1</i>	0.003665353	0.024164821	0.668432991	1
Heart_Failure	nk_cell	<i>CNDP1</i>	0.017988576	0.025546794	0.669594911	1
Heart_Failure	nk_cell	<i>COL12A1</i>	0.001633547	0.025330183	0.668432991	1
Heart_Failure	nk_cell	<i>COPE</i>	-0.003383413	0.024247323	0.668432991	1
Heart_Failure	nk_cell	<i>COTL1</i>	-0.001858894	0.037040987	0.732236244	1
Heart_Failure	nk_cell	<i>COX11</i>	0.003926833	0.049103701	0.735533	1
Heart_Failure	nk_cell	<i>CPPED1</i>	-0.000831562	0.004744494	0.629871788	1
Heart_Failure	nk_cell	<i>CRMP1</i>	0.003981042	0.043568637	0.732236244	1
Heart_Failure	nk_cell	<i>CSMD1</i>	0.005586386	0.044859842	0.732236244	1
Heart_Failure	nk_cell	<i>CSTB</i>	0.002854808	0.022305783	0.668432991	1
Heart_Failure	nk_cell	<i>CTBS</i>	-0.002386293	0.027395245	0.688892457	1
Heart_Failure	nk_cell	<i>CTDNEP1</i>	-0.008416079	0.036637536	0.732236244	1
Heart_Failure	nk_cell	<i>CTNNA1</i>	0.001667645	0.042829227	0.732236244	1
Heart_Failure	nk_cell	<i>CTSF</i>	0.005395553	0.027741022	0.688892457	1
Heart_Failure	nk_cell	<i>CTSS</i>	-0.000777111	0.017500405	0.631710302	1
Heart_Failure	nk_cell	<i>CXCR4</i>	-0.007006879	4.08E-06	0.024395358	0.024395358
Heart_Failure	nk_cell	<i>CYB5RL</i>	0.010076383	0.025033094	0.668432991	1
Heart_Failure	nk_cell	<i>CYP4X1</i>	0.003687389	0.023590171	0.668432991	1
Heart_Failure	nk_cell	<i>CYP8B1</i>	0.004498648	0.045982017	0.734728644	1
Heart_Failure	nk_cell	<i>DCBLD2</i>	0.002692737	0.012513422	0.629871788	1
Heart_Failure	nk_cell	<i>DHX34</i>	-0.0025695	0.005338153	0.629871788	1
Heart_Failure	nk_cell	<i>DIRC3</i>	0.001489783	0.002436954	0.629871788	1
Heart_Failure	nk_cell	<i>DLG5</i>	0.003401479	0.01428445	0.629871788	1
Heart_Failure	nk_cell	<i>DOCK1</i>	0.001025158	0.017591197	0.631710302	1
Heart_Failure	nk_cell	<i>DOCK5</i>	-0.000523025	0.011788697	0.629871788	1
Heart_Failure	nk_cell	<i>DOCK7</i>	0.002053335	0.045640572	0.734728644	1
Heart_Failure	nk_cell	<i>DOCK8</i>	-0.000504255	0.024228316	0.668432991	1
Heart_Failure	nk_cell	<i>DOK3</i>	-0.003568231	0.023899491	0.668432991	1
Heart_Failure	nk_cell	<i>DSP</i>	0.006012841	0.034484916	0.717415369	1
Heart_Failure	nk_cell	<i>DTX1</i>	0.005371354	0.017423516	0.631710302	1
Heart_Failure	nk_cell	<i>DUSP18</i>	-0.004120273	0.029533822	0.692133803	1
Heart_Failure	nk_cell	<i>DYNC2L1I</i>	0.002322968	0.049601708	0.735533	1

Heart_Failure	nk_cell	<i>ECHDC2</i>	0.001499846	0.018266435	0.644445411	1
Heart_Failure	nk_cell	<i>ECM2</i>	0.001983179	0.016475096	0.631710302	1
Heart_Failure	nk_cell	<i>EFCAB2</i>	0.002772452	0.021101755	0.667217396	1
Heart_Failure	nk_cell	<i>ELL</i>	-0.002451125	0.014539718	0.629871788	1
Heart_Failure	nk_cell	<i>EPHB1</i>	-0.00080399	0.009917361	0.629871788	1
Heart_Failure	nk_cell	<i>ERI2</i>	0.004609229	0.010739107	0.629871788	1
Heart_Failure	nk_cell	<i>ERICH1</i>	0.001392083	0.047954171	0.735533	1
Heart_Failure	nk_cell	<i>ETFDH</i>	0.002318566	0.031991857	0.708086441	1
Heart_Failure	nk_cell	<i>EZH1</i>	0.003229721	0.004356612	0.629871788	1
Heart_Failure	nk_cell	<i>FAM111A</i>	-0.001933915	0.032637482	0.709242152	1
Heart_Failure	nk_cell	<i>FAM118A</i>	-0.004855662	0.008859694	0.629871788	1
Heart_Failure	nk_cell	<i>FAM89A</i>	0.004942665	0.033997063	0.717415369	1
Heart_Failure	nk_cell	<i>FCAR</i>	-0.004129069	0.010521225	0.629871788	1
Heart_Failure	nk_cell	<i>FCER1A</i>	-0.003231698	0.031762639	0.705626509	1
Heart_Failure	nk_cell	<i>FGFR1</i>	0.001581447	0.008198224	0.629871788	1
Heart_Failure	nk_cell	<i>FNBP1</i>	-0.000826634	0.043555723	0.732236244	1
Heart_Failure	nk_cell	<i>FOXO6</i>	-0.008957013	0.007821125	0.629871788	1
Heart_Failure	nk_cell	<i>FOXP2</i>	0.001381925	0.008783797	0.629871788	1
Heart_Failure	nk_cell	<i>FPR1</i>	-0.001969278	0.003097551	0.629871788	1
Heart_Failure	nk_cell	<i>GALR1</i>	0.011512385	0.028227209	0.688892457	1
Heart_Failure	nk_cell	<i>GATAD1</i>	0.00204902	0.045236172	0.734596095	1
Heart_Failure	nk_cell	<i>GBP5</i>	-0.003370655	0.00978976	0.629871788	1
Heart_Failure	nk_cell	<i>GHR</i>	0.000950741	0.01894818	0.646034552	1
Heart_Failure	nk_cell	<i>GLIPR1L1</i>	0.005641807	0.00775866	0.629871788	1
Heart_Failure	nk_cell	<i>GLIPR2</i>	-0.002516666	0.02503044	0.668432991	1
Heart_Failure	nk_cell	<i>GMPPB</i>	-0.006819074	0.036261377	0.732236244	1
Heart_Failure	nk_cell	<i>GPER1</i>	0.006684658	0.024575165	0.668432991	1
Heart_Failure	nk_cell	<i>GREB1L</i>	0.002625847	0.003544184	0.629871788	1
Heart_Failure	nk_cell	<i>GSK3B</i>	-0.001683243	0.036964114	0.732236244	1
Heart_Failure	nk_cell	<i>GSTP1</i>	0.002398731	0.032560105	0.709242152	1
Heart_Failure	nk_cell	<i>GULP1</i>	0.001448579	0.044601382	0.732236244	1
Heart_Failure	nk_cell	<i>HCLSI</i>	-0.001613242	0.004329877	0.629871788	1
Heart_Failure	nk_cell	<i>HERPUD1</i>	-0.003857234	0.026216998	0.675313696	1
Heart_Failure	nk_cell	<i>HFMI</i>	0.003466217	0.02927833	0.691570362	1
Heart_Failure	nk_cell	<i>HIBADH</i>	0.001973031	0.028488894	0.690101854	1
Heart_Failure	nk_cell	<i>HIBCH</i>	0.001461711	0.01748573	0.631710302	1
Heart_Failure	nk_cell	<i>HIST1H4E</i>	-0.013865939	0.007375658	0.629871788	1
Heart_Failure	nk_cell	<i>HIST3H2A</i>	0.017847106	0.0241244	0.668432991	1
Heart_Failure	nk_cell	<i>HLA-B</i>	-0.000796881	0.005075572	0.629871788	1
Heart_Failure	nk_cell	<i>HLA-C</i>	-0.000919397	0.02612679	0.675313696	1
Heart_Failure	nk_cell	<i>HLA-DRB5</i>	-0.001532064	0.041598127	0.732236244	1
Heart_Failure	nk_cell	<i>HLA-E</i>	-0.001223349	0.017162572	0.631710302	1
Heart_Failure	nk_cell	<i>HRK</i>	-0.011559381	0.04776145	0.735533	1
Heart_Failure	nk_cell	<i>HSBP1L1</i>	-0.004440616	0.024770327	0.668432991	1
Heart_Failure	nk_cell	<i>HSD17B11</i>	-0.003114163	0.028620359	0.690101854	1
Heart_Failure	nk_cell	<i>HSPA12A</i>	0.002096316	0.034441999	0.717415369	1
Heart_Failure	nk_cell	<i>HSPBAP1</i>	-0.002955562	0.035952651	0.732236244	1
Heart_Failure	nk_cell	<i>ICAM3</i>	-0.004175181	0.040935373	0.732236244	1
Heart_Failure	nk_cell	<i>IFNAR2</i>	-0.001277355	0.024846735	0.668432991	1
Heart_Failure	nk_cell	<i>IFT88</i>	0.001689901	0.027294336	0.688892457	1
Heart_Failure	nk_cell	<i>IGF2R</i>	-0.000775588	0.016509999	0.631710302	1
Heart_Failure	nk_cell	<i>IL17RA</i>	-0.001615539	0.015757232	0.629871788	1

Heart_Failure	nk_cell	<i>IL4</i>	-0.024084589	0.028640313	0.690101854	1
Heart_Failure	nk_cell	<i>INVS</i>	0.001651958	0.0305193	0.698919144	1
Heart_Failure	nk_cell	<i>IQGAP1</i>	-0.001074772	0.006806789	0.629871788	1
Heart_Failure	nk_cell	<i>IQSEC3</i>	0.013455664	0.028869723	0.690101854	1
Heart_Failure	nk_cell	<i>ITGB2</i>	-0.001778319	0.02926811	0.691570362	1
Heart_Failure	nk_cell	<i>KANK4</i>	0.006936528	0.0088107	0.629871788	1
Heart_Failure	nk_cell	<i>KCNJ15</i>	-0.000732261	0.015343624	0.629871788	1
Heart_Failure	nk_cell	<i>KLF14</i>	-0.018061077	0.020338198	0.656978752	1
Heart_Failure	nk_cell	<i>KXD1</i>	-0.003082799	0.037989543	0.732236244	1
Heart_Failure	nk_cell	<i>L3MBTL4</i>	0.001096534	0.038223545	0.732236244	1
Heart_Failure	nk_cell	<i>LAMA4</i>	0.00087099	0.006540175	0.629871788	1
Heart_Failure	nk_cell	<i>LAPTM5</i>	-0.002103596	0.015646094	0.629871788	1
Heart_Failure	nk_cell	<i>LARS</i>	0.001371306	0.045974742	0.734728644	1
Heart_Failure	nk_cell	<i>LCAT</i>	0.005570375	0.028210844	0.688892457	1
Heart_Failure	nk_cell	<i>LCP2</i>	-0.001481643	0.001477584	0.629871788	1
Heart_Failure	nk_cell	<i>LDHA</i>	0.002780645	0.04583678	0.734728644	1
Heart_Failure	nk_cell	<i>LGALS2</i>	-0.006115558	0.049822443	0.735533	1
Heart_Failure	nk_cell	<i>LILRA6</i>	-0.00543387	0.031707405	0.705626509	1
Heart_Failure	nk_cell	<i>LILRB3</i>	-0.001907529	0.007928587	0.629871788	1
Heart_Failure	nk_cell	<i>LIMA1</i>	0.000977727	0.007782579	0.629871788	1
Heart_Failure	nk_cell	<i>LINC00174</i>	0.001987335	0.03140329	0.702869134	1
Heart_Failure	nk_cell	<i>LINC00472</i>	0.0048186	0.046346761	0.735533	1
Heart_Failure	nk_cell	<i>LINC00672</i>	0.010996523	0.034365536	0.717415369	1
Heart_Failure	nk_cell	<i>LINC00847</i>	0.005584582	0.049062203	0.735533	1
Heart_Failure	nk_cell	<i>LINC00910</i>	-0.01130295	0.047766763	0.735533	1
Heart_Failure	nk_cell	<i>LINC00969</i>	0.002103822	0.014906798	0.629871788	1
Heart_Failure	nk_cell	<i>LITAF</i>	-0.000983293	0.004652771	0.629871788	1
Heart_Failure	nk_cell	<i>LONP2</i>	0.002079539	0.044609028	0.732236244	1
Heart_Failure	nk_cell	<i>LRMP</i>	-0.001284881	0.01853444	0.644445411	1
Heart_Failure	nk_cell	<i>LRRC25</i>	-0.005993587	0.013043792	0.629871788	1
Heart_Failure	nk_cell	<i>LRRK2</i>	-0.000691216	0.008932264	0.629871788	1
Heart_Failure	nk_cell	<i>MAP3K5</i>	-0.001152527	0.013834728	0.629871788	1
Heart_Failure	nk_cell	<i>MAPK11</i>	-0.009942796	0.030160348	0.698597825	1
Heart_Failure	nk_cell	<i>MARVELD3</i>	0.015981813	0.043497802	0.732236244	1
Heart_Failure	nk_cell	<i>MDN1</i>	0.002501379	0.030948569	0.700254317	1
Heart_Failure	nk_cell	<i>ME3</i>	0.003894445	0.011173632	0.629871788	1
Heart_Failure	nk_cell	<i>MEGF9</i>	-0.001159499	0.004247096	0.629871788	1
Heart_Failure	nk_cell	<i>MEST</i>	0.002526026	0.006223519	0.629871788	1
Heart_Failure	nk_cell	<i>METTL15</i>	0.002988972	0.001974193	0.629871788	1
Heart_Failure	nk_cell	<i>MFSD5</i>	-0.006831798	0.040379411	0.732236244	1
Heart_Failure	nk_cell	<i>MICAL2</i>	-0.002003625	0.034442198	0.717415369	1
Heart_Failure	nk_cell	<i>MKS1</i>	0.006813223	0.030512422	0.698919144	1
Heart_Failure	nk_cell	<i>MLXIPL</i>	0.001455559	0.04090336	0.732236244	1
Heart_Failure	nk_cell	<i>MMACHC</i>	0.011257038	0.014210235	0.629871788	1
Heart_Failure	nk_cell	<i>MMP16</i>	0.001855185	0.043060432	0.732236244	1
Heart_Failure	nk_cell	<i>MMP25</i>	-0.003019518	0.003935075	0.629871788	1
Heart_Failure	nk_cell	<i>MOB3A</i>	-0.002323277	0.006831782	0.629871788	1
Heart_Failure	nk_cell	<i>MPPE1</i>	-0.003254857	0.041562017	0.732236244	1
Heart_Failure	nk_cell	<i>MRAS</i>	0.004315333	0.006953555	0.629871788	1
Heart_Failure	nk_cell	<i>MRPL37</i>	0.007899609	0.049487877	0.735533	1
Heart_Failure	nk_cell	<i>MRT04</i>	-0.0050582	0.047610939	0.735533	1
Heart_Failure	nk_cell	<i>MX2</i>	-0.001192073	0.026050992	0.675313696	1

Heart_Failure	nk_cell	<i>MXRA7</i>	0.00592093	0.014329472	0.629871788	1
Heart_Failure	nk_cell	<i>MYO1F</i>	-0.000658727	0.002226246	0.629871788	1
Heart_Failure	nk_cell	<i>MYO5B</i>	0.006887287	0.023294689	0.668432991	1
Heart_Failure	nk_cell	<i>MYO9A</i>	0.00107711	0.027572045	0.688892457	1
Heart_Failure	nk_cell	<i>NBEAL1</i>	0.000845103	0.03614052	0.732236244	1
Heart_Failure	nk_cell	<i>NBR1</i>	-0.002849627	0.028242746	0.688892457	1
Heart_Failure	nk_cell	<i>NCAM2</i>	0.004559757	0.01463623	0.629871788	1
Heart_Failure	nk_cell	<i>NCKAP1</i>	0.001405076	0.016660258	0.631710302	1
Heart_Failure	nk_cell	<i>NDE1</i>	-0.001415385	0.019026453	0.646034552	1
Heart_Failure	nk_cell	<i>NDUF4F4</i>	0.003627528	0.015666587	0.629871788	1
Heart_Failure	nk_cell	<i>NDUFV3</i>	0.002759466	0.033980265	0.717415369	1
Heart_Failure	nk_cell	<i>NEAT1</i>	-0.000343252	0.031052107	0.700254317	1
Heart_Failure	nk_cell	<i>NFIA</i>	0.000949291	0.002448344	0.629871788	1
Heart_Failure	nk_cell	<i>NFIX</i>	0.00292697	0.015268149	0.629871788	1
Heart_Failure	nk_cell	<i>NINJI</i>	-0.004441898	0.034574235	0.717415369	1
Heart_Failure	nk_cell	<i>NINL</i>	0.003979403	0.017214328	0.631710302	1
Heart_Failure	nk_cell	<i>NME7</i>	0.001906879	0.019692005	0.656180991	1
Heart_Failure	nk_cell	<i>NNT</i>	0.002407057	0.026048361	0.675313696	1
Heart_Failure	nk_cell	<i>NT5C2</i>	-0.001087	0.042138861	0.732236244	1
Heart_Failure	nk_cell	<i>NUAK2</i>	-0.006760039	0.013900775	0.629871788	1
Heart_Failure	nk_cell	<i>NUP50</i>	-0.004101268	0.017240756	0.631710302	1
Heart_Failure	nk_cell	<i>OGFRL1</i>	-0.001940589	0.047510911	0.735533	1
Heart_Failure	nk_cell	<i>OTOGL</i>	0.018613976	0.008845037	0.629871788	1
Heart_Failure	nk_cell	<i>OXRI</i>	0.001816057	0.012164074	0.629871788	1
Heart_Failure	nk_cell	<i>PADI4</i>	-0.002421535	0.011336067	0.629871788	1
Heart_Failure	nk_cell	<i>PALM2</i>	0.005050443	0.041885915	0.732236244	1
Heart_Failure	nk_cell	<i>PARD3</i>	0.000581174	0.04251593	0.732236244	1
Heart_Failure	nk_cell	<i>PARP8</i>	-0.000970251	0.001900105	0.629871788	1
Heart_Failure	nk_cell	<i>PAX6</i>	-0.013121268	0.025327227	0.668432991	1
Heart_Failure	nk_cell	<i>PBX1</i>	0.000775055	0.018913976	0.646034552	1
Heart_Failure	nk_cell	<i>PHACTR4</i>	0.001568541	0.025390611	0.668432991	1
Heart_Failure	nk_cell	<i>PHLDB1</i>	0.001674252	0.015140382	0.629871788	1
Heart_Failure	nk_cell	<i>PIAS1</i>	-0.001022357	0.010880103	0.629871788	1
Heart_Failure	nk_cell	<i>PILRA</i>	-0.001361886	0.032909885	0.709998095	1
Heart_Failure	nk_cell	<i>PLA2R1</i>	0.00258665	0.040260988	0.732236244	1
Heart_Failure	nk_cell	<i>PLD1</i>	0.001661091	0.021518866	0.668432991	1
Heart_Failure	nk_cell	<i>PLEKHA3</i>	-0.003385295	0.040969473	0.732236244	1
Heart_Failure	nk_cell	<i>PLEKHH2</i>	0.00167152	0.0486733	0.735533	1
Heart_Failure	nk_cell	<i>PLSCR4</i>	0.001273564	0.011720514	0.629871788	1
Heart_Failure	nk_cell	<i>PMS2</i>	-0.00575631	0.04025245	0.732236244	1
Heart_Failure	nk_cell	<i>POLK</i>	0.003321732	0.001376712	0.629871788	1
Heart_Failure	nk_cell	<i>PPCDC</i>	-0.001210032	0.011670832	0.629871788	1
Heart_Failure	nk_cell	<i>PPP1R9A</i>	0.00142229	0.028186772	0.688892457	1
Heart_Failure	nk_cell	<i>PRDM15</i>	0.007580083	0.015611195	0.629871788	1
Heart_Failure	nk_cell	<i>PRICKLE1</i>	0.00153086	0.036759618	0.732236244	1
Heart_Failure	nk_cell	<i>PRKD2</i>	-0.0022629	0.010673001	0.629871788	1
Heart_Failure	nk_cell	<i>PRSS23</i>	0.001067393	0.012231368	0.629871788	1
Heart_Failure	nk_cell	<i>PSAP</i>	-0.000882926	0.044525405	0.732236244	1
Heart_Failure	nk_cell	<i>PSTPIP1</i>	-0.003620176	0.007091723	0.629871788	1
Heart_Failure	nk_cell	<i>PTAFR</i>	-0.004136508	0.019157174	0.646798162	1
Heart_Failure	nk_cell	<i>PTGR1</i>	0.003673325	0.012428943	0.629871788	1
Heart_Failure	nk_cell	<i>PTK2</i>	0.00078905	0.024401456	0.668432991	1

Heart_Failure	nk_cell	<i>PTPRJ</i>	-0.000928516	0.000990838	0.629871788	1
Heart_Failure	nk_cell	<i>PTPRS</i>	0.001247942	0.042883046	0.732236244	1
Heart_Failure	nk_cell	<i>QRICH2</i>	0.010245035	0.002982123	0.629871788	1
Heart_Failure	nk_cell	<i>RAB30-AS1</i>	0.00208298	0.044858237	0.732236244	1
Heart_Failure	nk_cell	<i>RAB43</i>	-0.040680987	0.015048237	0.629871788	1
Heart_Failure	nk_cell	<i>RADIL</i>	0.002106561	0.049160966	0.735533	1
Heart_Failure	nk_cell	<i>RAMP2-AS1</i>	0.006003785	0.008746061	0.629871788	1
Heart_Failure	nk_cell	<i>RBM28</i>	0.00340856	0.016114189	0.630140964	1
Heart_Failure	nk_cell	<i>RBM6</i>	0.000946463	0.01510591	0.629871788	1
Heart_Failure	nk_cell	<i>RELL1</i>	-0.002493511	0.005665156	0.629871788	1
Heart_Failure	nk_cell	<i>RFWD2</i>	-0.000644432	0.041505815	0.732236244	1
Heart_Failure	nk_cell	<i>RGS18</i>	-0.002953653	0.004766762	0.629871788	1
Heart_Failure	nk_cell	<i>RGS2</i>	-0.001982582	0.005252155	0.629871788	1
Heart_Failure	nk_cell	<i>RHOBTB3</i>	0.000962699	0.043372034	0.732236244	1
Heart_Failure	nk_cell	<i>RICTOR</i>	-0.000931521	0.015631726	0.629871788	1
Heart_Failure	nk_cell	<i>RILPL2</i>	-0.00211196	0.044483594	0.732236244	1
Heart_Failure	nk_cell	<i>RIMKLB</i>	0.002715035	0.022519879	0.668432991	1
Heart_Failure	nk_cell	<i>RNASE1</i>	-0.001691614	0.004444262	0.629871788	1
Heart_Failure	nk_cell	<i>RNF149</i>	-0.000712041	0.004540561	0.629871788	1
Heart_Failure	nk_cell	<i>RNF214</i>	0.003735838	0.001118278	0.629871788	1
Heart_Failure	nk_cell	<i>RNF217</i>	0.002394299	0.038964012	0.732236244	1
Heart_Failure	nk_cell	<i>RNF24</i>	-0.000628265	0.007709947	0.629871788	1
Heart_Failure	nk_cell	<i>RNF34</i>	-0.002464112	0.047920877	0.735533	1
Heart_Failure	nk_cell	<i>RPAP1</i>	0.005760556	0.023458101	0.668432991	1
Heart_Failure	nk_cell	<i>RPS11</i>	-0.001433948	0.045559341	0.734728644	1
Heart_Failure	nk_cell	<i>RRP12</i>	-0.003285849	0.034140197	0.717415369	1
Heart_Failure	nk_cell	<i>RUFY2</i>	0.002394386	0.025265681	0.668432991	1
Heart_Failure	nk_cell	<i>SI00A8</i>	-0.002964561	0.004475333	0.629871788	1
Heart_Failure	nk_cell	<i>SI00A9</i>	-0.001815567	0.006061756	0.629871788	1
Heart_Failure	nk_cell	<i>SCMH1</i>	0.001603647	0.015000258	0.629871788	1
Heart_Failure	nk_cell	<i>SDK1</i>	0.000895854	0.018494945	0.644445411	1
Heart_Failure	nk_cell	<i>SEC62</i>	0.001855291	0.018827616	0.646034552	1
Heart_Failure	nk_cell	<i>SEMA3E</i>	0.003181963	0.021750604	0.668432991	1
Heart_Failure	nk_cell	<i>SEMA4D</i>	-0.001529295	0.00223543	0.629871788	1
Heart_Failure	nk_cell	<i>SERPINH1</i>	0.001958819	0.041227573	0.732236244	1
Heart_Failure	nk_cell	<i>SH3D19</i>	0.001078806	0.002198607	0.629871788	1
Heart_Failure	nk_cell	<i>SHMT1</i>	0.003011177	0.044504458	0.732236244	1
Heart_Failure	nk_cell	<i>SIRPB1</i>	-0.009143243	0.019805975	0.656180991	1
Heart_Failure	nk_cell	<i>SIRPB2</i>	-0.002570115	0.043878667	0.732236244	1
Heart_Failure	nk_cell	<i>SKIV2L</i>	-0.007117808	0.015106633	0.629871788	1
Heart_Failure	nk_cell	<i>SLC22A5</i>	0.004889916	0.034357289	0.717415369	1
Heart_Failure	nk_cell	<i>SLC25A32</i>	0.003011204	0.036291378	0.732236244	1
Heart_Failure	nk_cell	<i>SLC25A37</i>	-0.000897955	0.024945625	0.668432991	1
Heart_Failure	nk_cell	<i>SLC26A4</i>	0.006951128	0.011563374	0.629871788	1
Heart_Failure	nk_cell	<i>SLC41A3</i>	0.005454558	0.023811533	0.668432991	1
Heart_Failure	nk_cell	<i>SLC44A2</i>	-0.002202098	0.019563101	0.656180991	1
Heart_Failure	nk_cell	<i>SLCO3A1</i>	-0.000747433	0.00810459	0.629871788	1
Heart_Failure	nk_cell	<i>SMCHD1</i>	-0.000623273	0.001944186	0.629871788	1
Heart_Failure	nk_cell	<i>SMIM8</i>	0.00403017	0.013184191	0.629871788	1
Heart_Failure	nk_cell	<i>SNX10</i>	-0.001708246	0.04967888	0.735533	1
Heart_Failure	nk_cell	<i>SPATA22</i>	0.002619482	0.026363866	0.676182237	1
Heart_Failure	nk_cell	<i>SPATS2</i>	0.003084556	0.015921465	0.630110434	1

Heart_Failure	nk_cell	<i>SPOCK2</i>	-0.002267189	0.041456403	0.732236244	1
Heart_Failure	nk_cell	<i>SPTBN1</i>	0.00083201	0.004909742	0.629871788	1
Heart_Failure	nk_cell	<i>SRGAP1</i>	0.001620703	0.020155707	0.656180991	1
Heart_Failure	nk_cell	<i>SRPK2</i>	-0.00049515	0.047496774	0.735533	1
Heart_Failure	nk_cell	<i>SRSF10</i>	0.001524197	0.010742225	0.629871788	1
Heart_Failure	nk_cell	<i>SSC5D</i>	0.004751535	0.037734089	0.732236244	1
Heart_Failure	nk_cell	<i>STAM2</i>	0.001780049	0.011800144	0.629871788	1
Heart_Failure	nk_cell	<i>STARD9</i>	0.001198267	0.030866566	0.700254317	1
Heart_Failure	nk_cell	<i>STK17B</i>	-0.000823322	0.044293844	0.732236244	1
Heart_Failure	nk_cell	<i>STRN3</i>	0.001939122	0.0371978	0.732236244	1
Heart_Failure	nk_cell	<i>SULT1B1</i>	-0.006872946	0.022740826	0.668432991	1
Heart_Failure	nk_cell	<i>SUN1</i>	0.001600997	0.029866829	0.697203794	1
Heart_Failure	nk_cell	<i>SVEP1</i>	0.001525473	0.011332187	0.629871788	1
Heart_Failure	nk_cell	<i>SYK</i>	-0.000740078	0.013474947	0.629871788	1
Heart_Failure	nk_cell	<i>TACC2</i>	0.0024967	0.024564617	0.668432991	1
Heart_Failure	nk_cell	<i>TACC3</i>	-0.005263487	0.024581143	0.668432991	1
Heart_Failure	nk_cell	<i>TBC1D22A</i>	-0.001174311	0.008215009	0.629871788	1
Heart_Failure	nk_cell	<i>TBC1D4</i>	0.001606102	0.047258939	0.735533	1
Heart_Failure	nk_cell	<i>TEKT5</i>	0.026869523	0.021932623	0.668432991	1
Heart_Failure	nk_cell	<i>TFEB</i>	-0.003034886	0.011565473	0.629871788	1
Heart_Failure	nk_cell	<i>THAP3</i>	0.004778476	0.00626725	0.629871788	1
Heart_Failure	nk_cell	<i>THEMIS2</i>	-0.003205278	0.022675463	0.668432991	1
Heart_Failure	nk_cell	<i>TIMP3</i>	0.000756273	0.034172547	0.717415369	1
Heart_Failure	nk_cell	<i>TLN2</i>	0.001244007	0.01024915	0.629871788	1
Heart_Failure	nk_cell	<i>TMCC3</i>	-0.002516154	0.015057802	0.629871788	1
Heart_Failure	nk_cell	<i>TMEM106A</i>	-0.003067578	0.048010234	0.735533	1
Heart_Failure	nk_cell	<i>TMEM127</i>	-0.004882744	0.032512708	0.709242152	1
Heart_Failure	nk_cell	<i>TMEM63B</i>	0.005310034	0.042937571	0.732236244	1
Heart_Failure	nk_cell	<i>TMEM98</i>	0.005114243	0.044316439	0.732236244	1
Heart_Failure	nk_cell	<i>TNFRSF10C</i>	-0.001806643	0.008833341	0.629871788	1
Heart_Failure	nk_cell	<i>TNNT3</i>	0.011347264	0.036797438	0.732236244	1
Heart_Failure	nk_cell	<i>TRIM2</i>	0.003020978	0.04652066	0.735533	1
Heart_Failure	nk_cell	<i>TRIM9</i>	-0.015870089	0.017653216	0.631710302	1
Heart_Failure	nk_cell	<i>TRPM6</i>	-0.00613006	0.018548295	0.644445411	1
Heart_Failure	nk_cell	<i>TSHZ2</i>	0.00050042	0.022164439	0.668432991	1
Heart_Failure	nk_cell	<i>TTC23</i>	0.003419153	0.049334226	0.735533	1
Heart_Failure	nk_cell	<i>TUBB8</i>	-0.013800148	0.007411185	0.629871788	1
Heart_Failure	nk_cell	<i>TXNL4A</i>	-0.003207712	0.04458464	0.732236244	1
Heart_Failure	nk_cell	<i>TYK2</i>	-0.003604293	0.029054968	0.691570362	1
Heart_Failure	nk_cell	<i>TYMP</i>	-0.001946602	0.015810035	0.629871788	1
Heart_Failure	nk_cell	<i>UACA</i>	0.001168998	0.027862588	0.688892457	1
Heart_Failure	nk_cell	<i>UBAP1L</i>	0.005981297	0.041782299	0.732236244	1
Heart_Failure	nk_cell	<i>UBASH3B</i>	-0.002794123	0.007784667	0.629871788	1
Heart_Failure	nk_cell	<i>UBN1</i>	-0.001618142	0.009933813	0.629871788	1
Heart_Failure	nk_cell	<i>UBXN2A</i>	0.004013744	0.010022687	0.629871788	1
Heart_Failure	nk_cell	<i>UGGT2</i>	0.001982157	0.001976605	0.629871788	1
Heart_Failure	nk_cell	<i>UGP2</i>	0.001314705	0.043381711	0.732236244	1
Heart_Failure	nk_cell	<i>UPF3A</i>	0.001534896	0.049060337	0.735533	1
Heart_Failure	nk_cell	<i>USP15</i>	-0.000874084	0.006079373	0.629871788	1
Heart_Failure	nk_cell	<i>USP40</i>	0.003140516	0.007153	0.629871788	1
Heart_Failure	nk_cell	<i>USP42</i>	-0.004294603	0.039926467	0.732236244	1
Heart_Failure	nk_cell	<i>VNN2</i>	-0.001910709	0.008469776	0.629871788	1

Heart_Failure	nk_cell	<i>VNN3</i>	-0.004673381	0.011049247	0.629871788	1
Heart_Failure	nk_cell	<i>VPS8</i>	-0.001352654	0.038954019	0.732236244	1
Heart_Failure	nk_cell	<i>VSIG10</i>	0.003844299	0.029460978	0.692133803	1
Heart_Failure	nk_cell	<i>WASF3</i>	0.00210593	0.044240197	0.732236244	1
Heart_Failure	nk_cell	<i>WDR41</i>	0.002793445	0.03069454	0.700116679	1
Heart_Failure	nk_cell	<i>WDR60</i>	0.002490257	0.010843281	0.629871788	1
Heart_Failure	nk_cell	<i>WDR86</i>	0.00492501	0.04379242	0.732236244	1
Heart_Failure	nk_cell	<i>WDSUB1</i>	0.003281342	0.032413389	0.709242152	1
Heart_Failure	nk_cell	<i>WHAMM</i>	0.002310628	0.041705314	0.732236244	1
Heart_Failure	nk_cell	<i>WIPF1</i>	-0.000843991	0.033929219	0.717415369	1
Heart_Failure	nk_cell	<i>WWOX</i>	0.00095191	0.016158992	0.630140964	1
Heart_Failure	nk_cell	<i>WWTR1</i>	0.001435243	0.014908803	0.629871788	1
Heart_Failure	nk_cell	<i>XKR8</i>	-0.012153591	0.036599457	0.732236244	1
Heart_Failure	nk_cell	<i>XPO6</i>	-0.000883643	0.01574276	0.629871788	1
Heart_Failure	nk_cell	<i>XRCC2</i>	-0.014013866	0.01031	0.629871788	1
Heart_Failure	nk_cell	<i>YBX3</i>	0.001605334	0.030028849	0.698258373	1
Heart_Failure	nk_cell	<i>ZDHC11B</i>	0.006195402	0.045918548	0.734728644	1
Heart_Failure	nk_cell	<i>ZFH4</i>	0.001676153	0.036281622	0.732236244	1
Heart_Failure	nk_cell	<i>ZFPM2</i>	0.000648071	0.014390886	0.629871788	1
Heart_Failure	nk_cell	<i>ZNF248</i>	0.002753781	0.025222612	0.668432991	1
Heart_Failure	nk_cell	<i>ZNF33A</i>	-0.003284115	0.002877594	0.629871788	1
Heart_Failure	nk_cell	<i>ZNF470</i>	0.014984797	0.018492273	0.644445411	1
Heart_Failure	nk_cell	<i>ZNF471</i>	0.005379199	0.035758888	0.732236244	1
Heart_Failure	nk_cell	<i>ZNF483</i>	0.004908516	0.032887778	0.709998095	1
Heart_Failure	nk_cell	<i>ZNF665</i>	0.007368109	0.037552894	0.732236244	1
Heart_Failure	nk_cell	<i>ZNF677</i>	0.004955962	0.04317807	0.732236244	1
Heart_Failure	nk_cell	<i>ZNF706</i>	0.004191725	0.028200853	0.688892457	1
Heart_Failure	nk_cell	<i>ZSCAN18</i>	0.004107831	0.044968324	0.732236244	1
Heart_Failure	nk_cell	<i>ZSWIM5</i>	0.003794514	0.031255232	0.702185201	1
Heart_Failure	nk_cell	<i>SERPINA3</i>	0.006041298	0.00478814	0.629871788	1
Heart_Failure	pericyte	<i>A4GALT</i>	0.004673607	0.028043586	0.509862148	1
Heart_Failure	pericyte	<i>ABCA7</i>	-0.003522772	0.012472269	0.457265524	1
Heart_Failure	pericyte	<i>ABCA8</i>	0.00083797	0.030828047	0.513171058	1
Heart_Failure	pericyte	<i>ABCF3</i>	0.009335417	0.046393704	0.538896812	1
Heart_Failure	pericyte	<i>ABHD12</i>	0.003264483	0.021120223	0.491748398	1
Heart_Failure	pericyte	<i>ABHD3</i>	-0.002395618	0.004447068	0.43293709	1
Heart_Failure	pericyte	<i>ABTB1</i>	-0.002765497	0.024982405	0.4976495	1
Heart_Failure	pericyte	<i>AC107021.1</i>	0.002473811	0.046331478	0.538896812	1
Heart_Failure	pericyte	<i>ACOT1</i>	0.027074074	0.031340699	0.513260232	1
Heart_Failure	pericyte	<i>ACOX2</i>	0.004480626	0.030598378	0.513171058	1
Heart_Failure	pericyte	<i>ACSM5</i>	0.005957057	0.029314266	0.509862148	1
Heart_Failure	pericyte	<i>ACSS3</i>	0.001620282	0.047918437	0.538896812	1
Heart_Failure	pericyte	<i>ACTR3</i>	-0.001376336	0.029051771	0.509862148	1
Heart_Failure	pericyte	<i>ACYP2</i>	0.00126821	0.040793536	0.527716926	1
Heart_Failure	pericyte	<i>ADAMTS12</i>	0.001029948	0.016072942	0.466968682	1
Heart_Failure	pericyte	<i>ADAMTSL3</i>	0.001406849	0.016474456	0.466968682	1
Heart_Failure	pericyte	<i>ADAT1</i>	-0.003362712	0.047024476	0.538896812	1
Heart_Failure	pericyte	<i>ADCY10</i>	0.010031937	0.02053817	0.491748398	1
Heart_Failure	pericyte	<i>ADH4</i>	0.00873295	0.043022829	0.532784481	1
Heart_Failure	pericyte	<i>ADIPOQ</i>	0.001184815	0.047485881	0.538896812	1
Heart_Failure	pericyte	<i>AGBL3</i>	0.003397863	0.033625336	0.523087071	1
Heart_Failure	pericyte	<i>AGER</i>	-0.008389665	0.014184768	0.465904002	1

Heart_Failure	pericyte	<i>AGTPBP1</i>	-0.002031003	0.000931935	0.43293709	1
Heart_Failure	pericyte	<i>AHI1</i>	0.000925026	0.02943592	0.509862148	1
Heart_Failure	pericyte	<i>AIG1</i>	0.003666102	0.009587367	0.446560267	1
Heart_Failure	pericyte	<i>AK3</i>	0.002783865	0.03966324	0.524397176	1
Heart_Failure	pericyte	<i>ALDH7A1</i>	0.004221118	0.015121717	0.465904002	1
Heart_Failure	pericyte	<i>ANKRD26</i>	0.003329327	0.015625425	0.465904002	1
Heart_Failure	pericyte	<i>ANKRD44</i>	-0.000704653	0.000895955	0.43293709	1
Heart_Failure	pericyte	<i>ANKRD50</i>	0.005513803	0.017354232	0.466968682	1
Heart_Failure	pericyte	<i>APBB1IP</i>	-0.000555202	0.023734158	0.494199756	1
Heart_Failure	pericyte	<i>ARHGAP9</i>	-0.003827957	0.002703242	0.43293709	1
Heart_Failure	pericyte	<i>ARHGDIB</i>	-0.002221299	0.003968319	0.43293709	1
Heart_Failure	pericyte	<i>ARHGEF10</i>	0.004727781	0.023680212	0.494199756	1
Heart_Failure	pericyte	<i>ARPC2</i>	-0.001240154	0.004737004	0.43293709	1
Heart_Failure	pericyte	<i>ARRDC1</i>	-0.00698694	0.01530671	0.465904002	1
Heart_Failure	pericyte	<i>ASAP2</i>	0.001836362	0.011940962	0.45697246	1
Heart_Failure	pericyte	<i>ASAP3</i>	0.004396464	0.045343369	0.538896812	1
Heart_Failure	pericyte	<i>ASCC1</i>	0.003891578	0.029035473	0.509862148	1
Heart_Failure	pericyte	<i>ASTE1</i>	0.004596099	0.023669096	0.494199756	1
Heart_Failure	pericyte	<i>ATE1</i>	0.002060261	0.026259334	0.504513175	1
Heart_Failure	pericyte	<i>ATG7</i>	-0.000908817	0.012669553	0.461666133	1
Heart_Failure	pericyte	<i>ATL2</i>	0.003081057	0.01115016	0.446560267	1
Heart_Failure	pericyte	<i>ATP10B</i>	0.00916735	0.023984614	0.496961633	1
Heart_Failure	pericyte	<i>AUTS2</i>	0.00059964	0.021596131	0.491748398	1
Heart_Failure	pericyte	<i>B3GNTL1</i>	-0.003665074	0.046106517	0.538896812	1
Heart_Failure	pericyte	<i>B4GALT7</i>	0.0099231	0.02429437	0.496961633	1
Heart_Failure	pericyte	<i>BAIAP2L2</i>	0.003185748	0.047231681	0.538896812	1
Heart_Failure	pericyte	<i>BASP1</i>	-0.000978701	0.041254426	0.529048174	1
Heart_Failure	pericyte	<i>BCAP29</i>	0.004380174	0.010941464	0.446560267	1
Heart_Failure	pericyte	<i>BCHE</i>	0.008421621	0.034983344	0.523087071	1
Heart_Failure	pericyte	<i>BDH2</i>	0.003695087	0.028141197	0.509862148	1
Heart_Failure	pericyte	<i>BLOC1S1</i>	-0.005901272	0.0047265	0.43293709	1
Heart_Failure	pericyte	<i>BMP1</i>	0.004452265	0.01843794	0.474969643	1
Heart_Failure	pericyte	<i>BTBD3</i>	0.004670452	0.008528169	0.43559265	1
Heart_Failure	pericyte	<i>BTBD6</i>	0.006589294	0.044350317	0.535651779	1
Heart_Failure	pericyte	<i>C10orf107</i>	0.013779138	0.006397465	0.43293709	1
Heart_Failure	pericyte	<i>C11orf54</i>	0.004151564	0.011156486	0.446560267	1
Heart_Failure	pericyte	<i>C11orf74</i>	0.005588036	0.038024861	0.523879866	1
Heart_Failure	pericyte	<i>C17orf97</i>	0.004873764	0.004285496	0.43293709	1
Heart_Failure	pericyte	<i>C19orf12</i>	0.003509221	0.034396887	0.523087071	1
Heart_Failure	pericyte	<i>C2CD2</i>	0.002449973	0.024667452	0.496961633	1
Heart_Failure	pericyte	<i>C2orf88</i>	0.003213417	0.015436566	0.465904002	1
Heart_Failure	pericyte	<i>C5AR1</i>	-0.001554505	0.003231632	0.43293709	1
Heart_Failure	pericyte	<i>C5orf42</i>	0.002092464	0.014907826	0.465904002	1
Heart_Failure	pericyte	<i>C6</i>	0.003261925	0.007187252	0.43293709	1
Heart_Failure	pericyte	<i>C6orf141</i>	0.002386574	0.037943559	0.523879866	1
Heart_Failure	pericyte	<i>C8orf33</i>	0.003227505	0.046343837	0.538896812	1
Heart_Failure	pericyte	<i>CAAP1</i>	0.003833637	0.010817083	0.446560267	1
Heart_Failure	pericyte	<i>CACNA2D1</i>	0.001131343	0.006165369	0.43293709	1
Heart_Failure	pericyte	<i>CAMSAP2</i>	0.002437915	0.005741763	0.43293709	1
Heart_Failure	pericyte	<i>CAPN8</i>	0.021612813	0.007070545	0.43293709	1
Heart_Failure	pericyte	<i>CASC15</i>	0.0015297	0.045803633	0.538896812	1
Heart_Failure	pericyte	<i>CASP8</i>	-0.00141236	0.035843333	0.523087071	1

Heart_Failure	pericyte	<i>CAT</i>	0.002089583	0.015748428	0.465904002	1
Heart_Failure	pericyte	<i>CAV1</i>	0.001328914	0.035737559	0.523087071	1
Heart_Failure	pericyte	<i>CBL</i>	-0.002075028	0.008163793	0.43293709	1
Heart_Failure	pericyte	<i>CBR3</i>	0.004034642	0.028711134	0.509862148	1
Heart_Failure	pericyte	<i>CC2D2A</i>	0.001999238	0.000482495	0.43293709	1
Heart_Failure	pericyte	<i>CCDC102B</i>	0.001489388	0.038183977	0.523879866	1
Heart_Failure	pericyte	<i>CCDC171</i>	0.00389931	0.023099806	0.49233134	1
Heart_Failure	pericyte	<i>CCDC92</i>	0.002853308	0.036744312	0.523879866	1
Heart_Failure	pericyte	<i>CD14</i>	-0.002290664	0.022426316	0.491748398	1
Heart_Failure	pericyte	<i>CDA</i>	-0.003001973	0.024864714	0.496961633	1
Heart_Failure	pericyte	<i>CDC42BPA</i>	0.001080183	0.009156612	0.446560267	1
Heart_Failure	pericyte	<i>CDHR3</i>	0.002061011	0.043669833	0.534776485	1
Heart_Failure	pericyte	<i>CDON</i>	0.001935338	0.009472189	0.446560267	1
Heart_Failure	pericyte	<i>CEACAM4</i>	-0.007116682	0.011625957	0.448484084	1
Heart_Failure	pericyte	<i>CEP112</i>	0.001401966	0.004192942	0.43293709	1
Heart_Failure	pericyte	<i>CEP19</i>	-0.009618953	0.0049543	0.43293709	1
Heart_Failure	pericyte	<i>CGGBP1</i>	0.001640766	0.040974005	0.527716926	1
Heart_Failure	pericyte	<i>CHAF1A</i>	0.007670538	0.043239704	0.532784481	1
Heart_Failure	pericyte	<i>CHI3L1</i>	-0.003713658	0.031672678	0.51573822	1
Heart_Failure	pericyte	<i>CHST11</i>	-0.000708801	0.00182305	0.43293709	1
Heart_Failure	pericyte	<i>CHST15</i>	-0.000890243	0.045634101	0.538896812	1
Heart_Failure	pericyte	<i>CLDN10</i>	0.015302249	0.030933714	0.513260232	1
Heart_Failure	pericyte	<i>CLEC4E</i>	-0.002335871	0.003756513	0.43293709	1
Heart_Failure	pericyte	<i>CLIC4</i>	0.001743212	0.034896591	0.523087071	1
Heart_Failure	pericyte	<i>CMTM3</i>	-0.004582066	0.042058091	0.52962761	1
Heart_Failure	pericyte	<i>COBLL1</i>	0.000975261	0.022317161	0.491748398	1
Heart_Failure	pericyte	<i>COL12A1</i>	0.001827099	0.012194203	0.456985998	1
Heart_Failure	pericyte	<i>COL24A1</i>	0.003878468	0.023384351	0.494194287	1
Heart_Failure	pericyte	<i>COL6A1</i>	0.00090899	0.047015007	0.538896812	1
Heart_Failure	pericyte	<i>COPE</i>	-0.003982879	0.008023037	0.43293709	1
Heart_Failure	pericyte	<i>COPS6</i>	0.003503746	0.042876762	0.532784481	1
Heart_Failure	pericyte	<i>COTL1</i>	-0.002013165	0.024093119	0.496961633	1
Heart_Failure	pericyte	<i>COX7A1</i>	0.007517834	0.007706087	0.43293709	1
Heart_Failure	pericyte	<i>CPNE3</i>	0.003296609	0.037654712	0.523879866	1
Heart_Failure	pericyte	<i>CPPED1</i>	-0.000733628	0.012750188	0.461788638	1
Heart_Failure	pericyte	<i>CRMP1</i>	0.004093397	0.037706729	0.523879866	1
Heart_Failure	pericyte	<i>CTNNA1</i>	0.002221894	0.007025617	0.43293709	1
Heart_Failure	pericyte	<i>CTNNAL1</i>	0.004640838	0.024532036	0.496961633	1
Heart_Failure	pericyte	<i>CTNS</i>	0.003883838	0.036345105	0.523879866	1
Heart_Failure	pericyte	<i>CTSS</i>	-0.000803661	0.014048315	0.465904002	1
Heart_Failure	pericyte	<i>CTSZ</i>	-0.002952433	0.03123954	0.513260232	1
Heart_Failure	pericyte	<i>CTUI</i>	0.012195435	0.034559509	0.523087071	1
Heart_Failure	pericyte	<i>CUX1</i>	-0.001028774	0.047675502	0.538896812	1
Heart_Failure	pericyte	<i>CXCR4</i>	-0.003002748	0.048431033	0.540045524	1
Heart_Failure	pericyte	<i>CYP4F12</i>	0.007043654	0.04366841	0.534776485	1
Heart_Failure	pericyte	<i>CYTH1</i>	-0.000763072	0.047593411	0.538896812	1
Heart_Failure	pericyte	<i>DAAMI</i>	0.001566704	0.007800444	0.43293709	1
Heart_Failure	pericyte	<i>DCBLD2</i>	0.003275989	0.002364071	0.43293709	1
Heart_Failure	pericyte	<i>DDI2</i>	0.002730479	0.048770279	0.540045524	1
Heart_Failure	pericyte	<i>DDX20</i>	0.004580043	0.014909448	0.465904002	1
Heart_Failure	pericyte	<i>DHX34</i>	-0.002502131	0.006661169	0.43293709	1
Heart_Failure	pericyte	<i>DOCK1</i>	0.000935553	0.030217768	0.513015284	1

Heart_Failure	pericyte	<i>DOCK5</i>	-0.000439071	0.034575724	0.523087071	1
Heart_Failure	pericyte	<i>DOCK6</i>	0.002743827	0.022658747	0.491748398	1
Heart_Failure	pericyte	<i>DOCK8</i>	-0.000645734	0.00391481	0.43293709	1
Heart_Failure	pericyte	<i>DTWD1</i>	0.002842668	0.018723165	0.474969643	1
Heart_Failure	pericyte	<i>DYNC1I2</i>	0.001930112	0.029612763	0.509862148	1
Heart_Failure	pericyte	<i>DYNC2LI1</i>	0.003076473	0.009300152	0.446560267	1
Heart_Failure	pericyte	<i>DZIP1</i>	0.002981391	0.033662562	0.523087071	1
Heart_Failure	pericyte	<i>EBLN2</i>	-0.006326943	0.02144238	0.491748398	1
Heart_Failure	pericyte	<i>ECHDC2</i>	0.001704751	0.007188946	0.43293709	1
Heart_Failure	pericyte	<i>ECM2</i>	0.001967956	0.017413965	0.466968682	1
Heart_Failure	pericyte	<i>EFCAB13</i>	0.002297335	0.035055379	0.523087071	1
Heart_Failure	pericyte	<i>EFCAB6</i>	0.004419931	0.026048366	0.504513175	1
Heart_Failure	pericyte	<i>EFEMP1</i>	0.001266923	0.031556005	0.51524231	1
Heart_Failure	pericyte	<i>ELL</i>	-0.00243195	0.015250598	0.465904002	1
Heart_Failure	pericyte	<i>ELP3</i>	0.001615595	0.043101736	0.532784481	1
Heart_Failure	pericyte	<i>EMP1</i>	0.001281685	0.039536449	0.523879866	1
Heart_Failure	pericyte	<i>ENOSF1</i>	0.001945824	0.009652025	0.446560267	1
Heart_Failure	pericyte	<i>ENTPD5</i>	0.003290227	0.009573408	0.446560267	1
Heart_Failure	pericyte	<i>EPB41</i>	-0.001280074	0.004468804	0.43293709	1
Heart_Failure	pericyte	<i>EPB41L4A</i>	0.001437111	0.005577832	0.43293709	1
Heart_Failure	pericyte	<i>EPHB1</i>	-0.000767167	0.013890004	0.465904002	1
Heart_Failure	pericyte	<i>EPHX2</i>	0.005848647	0.041815299	0.52962761	1
Heart_Failure	pericyte	<i>EPN2</i>	0.001297694	0.022496177	0.491748398	1
Heart_Failure	pericyte	<i>ERGIC2</i>	-0.003366003	0.022489947	0.491748398	1
Heart_Failure	pericyte	<i>ERI2</i>	0.004160503	0.021093173	0.491748398	1
Heart_Failure	pericyte	<i>ERICH1</i>	0.001407005	0.045522562	0.538896812	1
Heart_Failure	pericyte	<i>ESPNL</i>	0.037948648	0.040368399	0.527716926	1
Heart_Failure	pericyte	<i>EZH1</i>	0.00281609	0.012896767	0.464283611	1
Heart_Failure	pericyte	<i>F2RL1</i>	-0.027443138	0.047465728	0.538896812	1
Heart_Failure	pericyte	<i>FAM114A1</i>	0.003137458	0.007685644	0.43293709	1
Heart_Failure	pericyte	<i>FAM126A</i>	0.001548336	0.033613869	0.523087071	1
Heart_Failure	pericyte	<i>FAM126B</i>	-0.001333074	0.021416106	0.491748398	1
Heart_Failure	pericyte	<i>FAM173B</i>	0.006330322	0.01421499	0.465904002	1
Heart_Failure	pericyte	<i>FAM229B</i>	0.007753384	0.026328485	0.504513175	1
Heart_Failure	pericyte	<i>FAM43B</i>	0.024482998	0.032906616	0.523087071	1
Heart_Failure	pericyte	<i>FAM89A</i>	0.005283184	0.023588259	0.494199756	1
Heart_Failure	pericyte	<i>FAP</i>	0.004760807	0.034047715	0.523087071	1
Heart_Failure	pericyte	<i>FAXDC2</i>	0.002314532	0.046484049	0.538896812	1
Heart_Failure	pericyte	<i>FBLN5</i>	0.001541193	0.039961198	0.526009067	1
Heart_Failure	pericyte	<i>FBXO17</i>	0.003286205	0.049206682	0.541545366	1
Heart_Failure	pericyte	<i>FBXW8</i>	0.002090832	0.004133277	0.43293709	1
Heart_Failure	pericyte	<i>FFAR4</i>	0.007223111	0.008142339	0.43293709	1
Heart_Failure	pericyte	<i>FGFR1</i>	0.001378272	0.021305906	0.491748398	1
Heart_Failure	pericyte	<i>FHOD3</i>	0.003000315	0.010698756	0.446560267	1
Heart_Failure	pericyte	<i>FILIP1</i>	0.001759764	0.015435383	0.465904002	1
Heart_Failure	pericyte	<i>FKBP10</i>	0.005321932	0.020954685	0.491748398	1
Heart_Failure	pericyte	<i>FLRT2</i>	0.001223808	0.00828986	0.43293709	1
Heart_Failure	pericyte	<i>FMO2</i>	0.002028321	0.037764081	0.523879866	1
Heart_Failure	pericyte	<i>FOXP2</i>	0.001351925	0.01029434	0.446560267	1
Heart_Failure	pericyte	<i>FPR1</i>	-0.002039275	0.002186896	0.43293709	1
Heart_Failure	pericyte	<i>FUT10</i>	0.001959276	0.045870834	0.538896812	1
Heart_Failure	pericyte	<i>GALR1</i>	0.013281589	0.011198704	0.446560267	1

Heart_Failure	pericyte	<i>GATAD1</i>	0.002032906	0.046907092	0.538896812	1
Heart_Failure	pericyte	<i>GBP5</i>	-0.002885976	0.026969527	0.504830729	1
Heart_Failure	pericyte	<i>GCAT</i>	0.009322149	0.012334917	0.456985998	1
Heart_Failure	pericyte	<i>GEMIN5</i>	0.004766379	0.030551321	0.513171058	1
Heart_Failure	pericyte	<i>GHR</i>	0.001106566	0.006277897	0.43293709	1
Heart_Failure	pericyte	<i>GLIPR1</i>	-0.002582549	0.006899318	0.43293709	1
Heart_Failure	pericyte	<i>GLIS1</i>	0.006112812	0.044365721	0.535651779	1
Heart_Failure	pericyte	<i>GLOD4</i>	-0.009964593	0.004742998	0.43293709	1
Heart_Failure	pericyte	<i>GLRX</i>	0.001505387	0.044212104	0.535651779	1
Heart_Failure	pericyte	<i>GMIP</i>	-0.003641255	0.025877318	0.504513175	1
Heart_Failure	pericyte	<i>GNPTG</i>	-0.00599884	0.010730451	0.446560267	1
Heart_Failure	pericyte	<i>GOLIM4</i>	0.002813885	0.037998207	0.523879866	1
Heart_Failure	pericyte	<i>GPATCH1</i>	0.004691139	0.047149945	0.538896812	1
Heart_Failure	pericyte	<i>GPHN</i>	0.001269306	0.012379242	0.456985998	1
Heart_Failure	pericyte	<i>GPR135</i>	0.006528066	0.005940034	0.43293709	1
Heart_Failure	pericyte	<i>GPR84</i>	0.002650903	0.033593842	0.523087071	1
Heart_Failure	pericyte	<i>GRAMD1C</i>	-0.003698311	0.009984522	0.446560267	1
Heart_Failure	pericyte	<i>GREB1L</i>	0.002300805	0.010562362	0.446560267	1
Heart_Failure	pericyte	<i>GSTM2</i>	0.00422093	0.035975366	0.523087071	1
Heart_Failure	pericyte	<i>GSTM4</i>	0.008869658	0.049489843	0.54266294	1
Heart_Failure	pericyte	<i>GULP1</i>	0.001889339	0.008762909	0.443789339	1
Heart_Failure	pericyte	<i>GXYLT2</i>	0.003983532	0.012005468	0.45697246	1
Heart_Failure	pericyte	<i>H3F3A</i>	-0.003017568	0.035769598	0.523087071	1
Heart_Failure	pericyte	<i>H6PD</i>	0.003433127	0.02340311	0.494194287	1
Heart_Failure	pericyte	<i>HCLS1</i>	-0.001495734	0.008187614	0.43293709	1
Heart_Failure	pericyte	<i>HIBADH</i>	0.002139416	0.017425371	0.466968682	1
Heart_Failure	pericyte	<i>HIST1H4E</i>	-0.014904793	0.003996168	0.43293709	1
Heart_Failure	pericyte	<i>HLA-B</i>	-0.000882713	0.001910124	0.43293709	1
Heart_Failure	pericyte	<i>HLA-C</i>	-0.000816072	0.048167756	0.540045524	1
Heart_Failure	pericyte	<i>HLA-DQB2</i>	-0.00688987	0.014965648	0.465904002	1
Heart_Failure	pericyte	<i>HLTF</i>	0.00419186	0.004991973	0.43293709	1
Heart_Failure	pericyte	<i>HOXA4</i>	0.021083642	0.003694784	0.43293709	1
Heart_Failure	pericyte	<i>HOXD3</i>	0.003770477	0.040480544	0.527716926	1
Heart_Failure	pericyte	<i>HRK</i>	-0.015885008	0.006451521	0.43293709	1
Heart_Failure	pericyte	<i>HSF2</i>	0.00356	0.038437359	0.523879866	1
Heart_Failure	pericyte	<i>HTRA3</i>	0.002277332	0.021707627	0.491748398	1
Heart_Failure	pericyte	<i>ICAM3</i>	-0.004862868	0.017078147	0.466968682	1
Heart_Failure	pericyte	<i>IFNAR2</i>	-0.001393797	0.014393864	0.465904002	1
Heart_Failure	pericyte	<i>IGF2R</i>	-0.000793148	0.014222655	0.465904002	1
Heart_Failure	pericyte	<i>IKBIP</i>	-0.002255864	0.00502045	0.43293709	1
Heart_Failure	pericyte	<i>IL17RA</i>	-0.001803902	0.007066995	0.43293709	1
Heart_Failure	pericyte	<i>IL4</i>	-0.024300796	0.027283161	0.504830729	1
Heart_Failure	pericyte	<i>IQGAP1</i>	-0.000912579	0.021493616	0.491748398	1
Heart_Failure	pericyte	<i>IRAK1BP1</i>	0.003408579	0.018126041	0.474969643	1
Heart_Failure	pericyte	<i>KANK2</i>	0.002205318	0.022033852	0.491748398	1
Heart_Failure	pericyte	<i>KCNAB2</i>	-0.002283016	0.007373139	0.43293709	1
Heart_Failure	pericyte	<i>KCNJ15</i>	-0.000643802	0.033061918	0.523087071	1
Heart_Failure	pericyte	<i>KCNMB3</i>	0.005811019	0.022542216	0.491748398	1
Heart_Failure	pericyte	<i>KCNN2</i>	0.007980399	0.041639081	0.52962761	1
Heart_Failure	pericyte	<i>KCNS3</i>	0.00684691	0.038577318	0.523879866	1
Heart_Failure	pericyte	<i>KCNT2</i>	0.003578697	0.018471575	0.474969643	1
Heart_Failure	pericyte	<i>KCTD10</i>	0.005036074	0.026191433	0.504513175	1

Heart_Failure	pericyte	<i>KCTD2</i>	0.004478488	0.017971349	0.47319016	1
Heart_Failure	pericyte	<i>KIAA1109</i>	-0.001464967	0.017717035	0.471382097	1
Heart_Failure	pericyte	<i>KLHL31</i>	0.003302619	0.026746585	0.504513175	1
Heart_Failure	pericyte	<i>KNSTRN</i>	0.013874908	0.001648576	0.43293709	1
Heart_Failure	pericyte	<i>L3MBTL4</i>	0.001286068	0.015098003	0.465904002	1
Heart_Failure	pericyte	<i>LAMA4</i>	0.00099512	0.001878155	0.43293709	1
Heart_Failure	pericyte	<i>LAMB1</i>	0.00251793	0.004097694	0.43293709	1
Heart_Failure	pericyte	<i>LCAT</i>	0.006495055	0.010204909	0.446560267	1
Heart_Failure	pericyte	<i>LCP2</i>	-0.00137447	0.003166408	0.43293709	1
Heart_Failure	pericyte	<i>LENG9</i>	0.007362596	0.037651604	0.523879866	1
Heart_Failure	pericyte	<i>LHCGR</i>	0.011706506	0.030706174	0.513171058	1
Heart_Failure	pericyte	<i>LILRB3</i>	-0.00181311	0.011612934	0.448484084	1
Heart_Failure	pericyte	<i>LIMA1</i>	0.001089172	0.003000978	0.43293709	1
Heart_Failure	pericyte	<i>LIN52</i>	0.003135768	0.015924853	0.466968682	1
Heart_Failure	pericyte	<i>LINC00648</i>	0.005739116	0.022368493	0.491748398	1
Heart_Failure	pericyte	<i>LINC00662</i>	0.004638098	0.007507882	0.43293709	1
Heart_Failure	pericyte	<i>LINC00937</i>	-0.004155241	0.041172497	0.529048174	1
Heart_Failure	pericyte	<i>LINC00959</i>	0.003828439	0.043478105	0.534619667	1
Heart_Failure	pericyte	<i>LITAF</i>	-0.000890719	0.010359172	0.446560267	1
Heart_Failure	pericyte	<i>LMO3</i>	0.001412892	0.04718044	0.538896812	1
Heart_Failure	pericyte	<i>LMX1A</i>	0.004308406	0.022793559	0.491748398	1
Heart_Failure	pericyte	<i>LPL</i>	0.001349767	0.022729626	0.491748398	1
Heart_Failure	pericyte	<i>LRFN5</i>	0.003217219	0.03839226	0.523879866	1
Heart_Failure	pericyte	<i>LRMP</i>	-0.001472306	0.006946	0.43293709	1
Heart_Failure	pericyte	<i>LRP11</i>	0.002969355	0.034924297	0.523087071	1
Heart_Failure	pericyte	<i>LRRC25</i>	-0.004941009	0.040818131	0.527716926	1
Heart_Failure	pericyte	<i>LRRC34</i>	0.006008212	0.029776086	0.509862148	1
Heart_Failure	pericyte	<i>LURAPIL</i>	0.003123889	0.007688026	0.43293709	1
Heart_Failure	pericyte	<i>LYRM4</i>	0.005169526	0.010415783	0.446560267	1
Heart_Failure	pericyte	<i>LYSMD4</i>	0.004782352	0.01658451	0.466968682	1
Heart_Failure	pericyte	<i>MAP1B</i>	0.001436658	0.039460952	0.523879866	1
Heart_Failure	pericyte	<i>MAP2K5</i>	0.001315777	0.042929713	0.532784481	1
Heart_Failure	pericyte	<i>MAP3K5</i>	-0.001372441	0.003386356	0.43293709	1
Heart_Failure	pericyte	<i>MASP1</i>	0.010886238	0.018719142	0.474969643	1
Heart_Failure	pericyte	<i>MAST2</i>	0.002735636	0.016884554	0.466968682	1
Heart_Failure	pericyte	<i>MCCC1</i>	0.002156417	0.02545057	0.503617902	1
Heart_Failure	pericyte	<i>MCOLN2</i>	-0.002862919	0.035734969	0.523087071	1
Heart_Failure	pericyte	<i>MDH1B</i>	0.022497768	0.046481992	0.538896812	1
Heart_Failure	pericyte	<i>ME3</i>	0.00483854	0.001614697	0.43293709	1
Heart_Failure	pericyte	<i>MEDAG</i>	0.002100851	0.039279195	0.523879866	1
Heart_Failure	pericyte	<i>MEGF9</i>	-0.00095297	0.018836647	0.474969643	1
Heart_Failure	pericyte	<i>METAP1D</i>	0.00435603	0.005385336	0.43293709	1
Heart_Failure	pericyte	<i>MGMT</i>	0.00161439	0.04621417	0.538896812	1
Heart_Failure	pericyte	<i>MIPO1</i>	0.002294401	0.009676315	0.446560267	1
Heart_Failure	pericyte	<i>MLXIPL</i>	0.001549676	0.029512243	0.509862148	1
Heart_Failure	pericyte	<i>MMP16</i>	0.002261774	0.013620103	0.465904002	1
Heart_Failure	pericyte	<i>MMP25</i>	-0.002501197	0.016913763	0.466968682	1
Heart_Failure	pericyte	<i>MMRN1</i>	0.000697407	0.02906692	0.509862148	1
Heart_Failure	pericyte	<i>MOB3A</i>	-0.001929819	0.024668581	0.496961633	1
Heart_Failure	pericyte	<i>MRAS</i>	0.00382273	0.016654876	0.466968682	1
Heart_Failure	pericyte	<i>MRPL18</i>	0.004198262	0.037806402	0.523879866	1
Heart_Failure	pericyte	<i>MST1</i>	0.015808492	0.037054675	0.523879866	1

Heart_Failure	pericyte	<i>MTMR10</i>	-0.003024379	0.027456852	0.504868146	1
Heart_Failure	pericyte	<i>MTR</i>	0.001553634	0.048980032	0.540045524	1
Heart_Failure	pericyte	<i>MTUS1</i>	0.001756631	0.020399243	0.491748398	1
Heart_Failure	pericyte	<i>MUM1</i>	0.00292588	0.021285899	0.491748398	1
Heart_Failure	pericyte	<i>MX2</i>	-0.001341137	0.012284305	0.456985998	1
Heart_Failure	pericyte	<i>MXRA7</i>	0.005365153	0.026612626	0.504513175	1
Heart_Failure	pericyte	<i>MYL4</i>	0.036179408	0.022599372	0.491748398	1
Heart_Failure	pericyte	<i>MYO1F</i>	-0.000651596	0.002485254	0.43293709	1
Heart_Failure	pericyte	<i>MYO5A</i>	-0.000812883	0.046109864	0.538896812	1
Heart_Failure	pericyte	<i>MYO5B</i>	0.008502024	0.005371816	0.43293709	1
Heart_Failure	pericyte	<i>MYO9A</i>	0.001014239	0.037953952	0.523879866	1
Heart_Failure	pericyte	<i>MYOF</i>	0.001304325	0.035305613	0.523087071	1
Heart_Failure	pericyte	<i>NAALAD2</i>	0.003433194	0.026233467	0.504513175	1
Heart_Failure	pericyte	<i>NAGLU</i>	0.004927007	0.04086154	0.527716926	1
Heart_Failure	pericyte	<i>NBEAL1</i>	0.000995423	0.013602406	0.465904002	1
Heart_Failure	pericyte	<i>NCF4</i>	-0.002715657	0.035370824	0.523087071	1
Heart_Failure	pericyte	<i>NCKAP1</i>	0.001293907	0.027285864	0.504830729	1
Heart_Failure	pericyte	<i>NDUFAB5</i>	0.004039615	0.035294413	0.523087071	1
Heart_Failure	pericyte	<i>NEAT1</i>	-0.00031379	0.048893258	0.540045524	1
Heart_Failure	pericyte	<i>NELL2</i>	-0.001934074	0.039053881	0.523879866	1
Heart_Failure	pericyte	<i>NFIA</i>	0.000919276	0.003318018	0.43293709	1
Heart_Failure	pericyte	<i>NFIC</i>	0.001681892	0.0357161	0.523087071	1
Heart_Failure	pericyte	<i>NFIX</i>	0.003131392	0.009420931	0.446560267	1
Heart_Failure	pericyte	<i>NHLRC2</i>	0.002261599	0.046168398	0.538896812	1
Heart_Failure	pericyte	<i>NINJI</i>	-0.004668755	0.026552558	0.504513175	1
Heart_Failure	pericyte	<i>NME4</i>	-0.004718147	0.015191534	0.465904002	1
Heart_Failure	pericyte	<i>NME7</i>	0.001622045	0.047777696	0.538896812	1
Heart_Failure	pericyte	<i>NMNAT3</i>	0.002966948	0.037228916	0.523879866	1
Heart_Failure	pericyte	<i>NOL9</i>	0.006311416	0.003796211	0.43293709	1
Heart_Failure	pericyte	<i>NOM1</i>	0.002436092	0.038992388	0.523879866	1
Heart_Failure	pericyte	<i>NOS2</i>	0.01973998	0.032561383	0.523082866	1
Heart_Failure	pericyte	<i>NPHP3</i>	0.00264384	0.048535451	0.540045524	1
Heart_Failure	pericyte	<i>NR2F6</i>	0.009380949	0.03335753	0.523087071	1
Heart_Failure	pericyte	<i>NRXN2</i>	0.007917886	0.02153529	0.491748398	1
Heart_Failure	pericyte	<i>NT5E</i>	0.003537718	0.017222987	0.466968682	1
Heart_Failure	pericyte	<i>NTNG2</i>	-0.007224776	0.027455981	0.504868146	1
Heart_Failure	pericyte	<i>NUAK2</i>	-0.006936846	0.011584421	0.448484084	1
Heart_Failure	pericyte	<i>OGFRL1</i>	-0.002498669	0.010731959	0.446560267	1
Heart_Failure	pericyte	<i>OSER1-AS1</i>	0.014761746	0.018397254	0.474969643	1
Heart_Failure	pericyte	<i>OXGR1</i>	0.012475712	0.002484981	0.43293709	1
Heart_Failure	pericyte	<i>PADI4</i>	-0.002207821	0.020956733	0.491748398	1
Heart_Failure	pericyte	<i>PALM2</i>	0.004913552	0.047783808	0.538896812	1
Heart_Failure	pericyte	<i>PARD3</i>	0.000727954	0.010972423	0.446560267	1
Heart_Failure	pericyte	<i>PARP14</i>	-0.001677665	0.005265689	0.43293709	1
Heart_Failure	pericyte	<i>PARP8</i>	-0.001059163	0.000701463	0.43293709	1
Heart_Failure	pericyte	<i>PARVG</i>	-0.002980935	0.028245561	0.509862148	1
Heart_Failure	pericyte	<i>PAX6</i>	-0.012131762	0.038506131	0.523879866	1
Heart_Failure	pericyte	<i>PBX1</i>	0.000891634	0.006901111	0.43293709	1
Heart_Failure	pericyte	<i>PCBP3</i>	0.004950257	0.031348726	0.513260232	1
Heart_Failure	pericyte	<i>PCOLCE2</i>	0.001339853	0.006550817	0.43293709	1
Heart_Failure	pericyte	<i>PCYOX1L</i>	0.005603719	0.021695008	0.491748398	1
Heart_Failure	pericyte	<i>PDCD10</i>	0.00160195	0.046581133	0.538896812	1

Heart_Failure	pericyte	<i>PDE1C</i>	0.001760686	0.030480856	0.513171058	1
Heart_Failure	pericyte	<i>PDE8A</i>	0.001305954	0.049784373	0.544892695	1
Heart_Failure	pericyte	<i>PDE8B</i>	0.004132681	0.011208842	0.446560267	1
Heart_Failure	pericyte	<i>PDPN</i>	0.004556477	0.02676353	0.504513175	1
Heart_Failure	pericyte	<i>PEAK1</i>	0.001011372	0.022547593	0.491748398	1
Heart_Failure	pericyte	<i>PHLDB1</i>	0.002104319	0.002227585	0.43293709	1
Heart_Failure	pericyte	<i>PIAS1</i>	-0.000887743	0.027116398	0.504830729	1
Heart_Failure	pericyte	<i>PICALM</i>	-0.000624292	0.041669135	0.52962761	1
Heart_Failure	pericyte	<i>PIK3R4</i>	0.002552059	0.018768785	0.474969643	1
Heart_Failure	pericyte	<i>PILRA</i>	-0.001414947	0.026661033	0.504513175	1
Heart_Failure	pericyte	<i>PIPOX</i>	-0.016636647	0.009002444	0.446560267	1
Heart_Failure	pericyte	<i>PLA2G4C</i>	0.005327221	0.015699984	0.465904002	1
Heart_Failure	pericyte	<i>PLA2R1</i>	0.003483335	0.005722492	0.43293709	1
Heart_Failure	pericyte	<i>PLCXD3</i>	0.006330548	0.035353212	0.523087071	1
Heart_Failure	pericyte	<i>PLD1</i>	0.001792901	0.013131606	0.465904002	1
Heart_Failure	pericyte	<i>PLEKHH1</i>	0.008077836	0.037725333	0.523879866	1
Heart_Failure	pericyte	<i>PLEKHJ1</i>	0.004458094	0.035344647	0.523087071	1
Heart_Failure	pericyte	<i>PLEKHM1</i>	0.002502889	0.034191758	0.523087071	1
Heart_Failure	pericyte	<i>PLSCR4</i>	0.001465311	0.003719844	0.43293709	1
Heart_Failure	pericyte	<i>POC1B</i>	-0.002712769	0.045889842	0.538896812	1
Heart_Failure	pericyte	<i>POLK</i>	0.002134467	0.039531921	0.523879866	1
Heart_Failure	pericyte	<i>POLR3G</i>	0.005698929	0.01718762	0.466968682	1
Heart_Failure	pericyte	<i>PPCDC</i>	-0.001033701	0.031232148	0.513260232	1
Heart_Failure	pericyte	<i>PPFIBP1</i>	0.000619629	0.03256134	0.523082866	1
Heart_Failure	pericyte	<i>PPP1R9A</i>	0.001455319	0.02470791	0.496961633	1
Heart_Failure	pericyte	<i>PPP2R1B</i>	0.002161693	0.005454036	0.43293709	1
Heart_Failure	pericyte	<i>PPT1</i>	-0.003670397	0.037645395	0.523879866	1
Heart_Failure	pericyte	<i>PRDM5</i>	0.003109881	0.028923974	0.509862148	1
Heart_Failure	pericyte	<i>PRICKLE1</i>	0.001730004	0.018274461	0.474969643	1
Heart_Failure	pericyte	<i>PRIMPOL</i>	0.002833579	0.030093233	0.512356588	1
Heart_Failure	pericyte	<i>PRMT7</i>	0.004709692	0.014351899	0.465904002	1
Heart_Failure	pericyte	<i>PRRC1</i>	0.004570081	0.033020864	0.523087071	1
Heart_Failure	pericyte	<i>PRSS23</i>	0.001314113	0.002026762	0.43293709	1
Heart_Failure	pericyte	<i>PSTPIP1</i>	-0.003723292	0.005593388	0.43293709	1
Heart_Failure	pericyte	<i>PTAFR</i>	-0.00407214	0.021377747	0.491748398	1
Heart_Failure	pericyte	<i>PTER</i>	0.002737047	0.016555082	0.466968682	1
Heart_Failure	pericyte	<i>PTGR1</i>	0.004105811	0.005170215	0.43293709	1
Heart_Failure	pericyte	<i>PTK2</i>	0.000923726	0.008415226	0.433529237	1
Heart_Failure	pericyte	<i>PTPN12</i>	0.001814273	0.005788847	0.43293709	1
Heart_Failure	pericyte	<i>PTPN14</i>	0.001353125	0.01774782	0.471382097	1
Heart_Failure	pericyte	<i>PTPRJ</i>	-0.000992516	0.000431809	0.43293709	1
Heart_Failure	pericyte	<i>PTPRS</i>	0.001869166	0.002396265	0.43293709	1
Heart_Failure	pericyte	<i>PYROXD2</i>	0.004885558	0.002970281	0.43293709	1
Heart_Failure	pericyte	<i>QRICH2</i>	0.010027575	0.003509922	0.43293709	1
Heart_Failure	pericyte	<i>RALB</i>	-0.00354518	0.022773756	0.491748398	1
Heart_Failure	pericyte	<i>RAMP2-AS1</i>	0.006545941	0.004246612	0.43293709	1
Heart_Failure	pericyte	<i>RAP1A</i>	-0.001286035	0.028246211	0.509862148	1
Heart_Failure	pericyte	<i>RBM28</i>	0.003384325	0.017027495	0.466968682	1
Heart_Failure	pericyte	<i>RBMS2</i>	0.003317013	0.005032476	0.43293709	1
Heart_Failure	pericyte	<i>RCAN3</i>	-0.002273965	0.029766762	0.509862148	1
Heart_Failure	pericyte	<i>RCSD1</i>	-0.000795379	0.045952688	0.538896812	1
Heart_Failure	pericyte	<i>RELL1</i>	-0.002080222	0.020998115	0.491748398	1

Heart_Failure	pericyte	<i>RFC3</i>	0.003281702	0.015427336	0.465904002	1
Heart_Failure	pericyte	<i>RGS11</i>	0.004314059	0.026846585	0.504513175	1
Heart_Failure	pericyte	<i>RGS18</i>	-0.002280785	0.029302998	0.509862148	1
Heart_Failure	pericyte	<i>RGS2</i>	-0.001877229	0.008224118	0.43293709	1
Heart_Failure	pericyte	<i>RHOBTB3</i>	0.001108291	0.019952049	0.491748398	1
Heart_Failure	pericyte	<i>RHOJ</i>	0.001144019	0.016512413	0.466968682	1
Heart_Failure	pericyte	<i>RIPK1</i>	0.00171675	0.019154845	0.480963671	1
Heart_Failure	pericyte	<i>RNASE1</i>	-0.001307355	0.027749714	0.508688002	1
Heart_Failure	pericyte	<i>RNF130</i>	-0.000861343	0.029494619	0.509862148	1
Heart_Failure	pericyte	<i>RNF149</i>	-0.000767329	0.002227797	0.43293709	1
Heart_Failure	pericyte	<i>RNF24</i>	-0.000563655	0.016794764	0.466968682	1
Heart_Failure	pericyte	<i>RPAP1</i>	0.006083855	0.016699284	0.466968682	1
Heart_Failure	pericyte	<i>RPS11</i>	-0.001509914	0.035245928	0.523087071	1
Heart_Failure	pericyte	<i>RUFY2</i>	0.002277474	0.03345283	0.523087071	1
Heart_Failure	pericyte	<i>RUFY3</i>	0.001721691	0.023150118	0.49233134	1
Heart_Failure	pericyte	<i>SI00A8</i>	-0.002674298	0.010345394	0.446560267	1
Heart_Failure	pericyte	<i>SI00A9</i>	-0.001686444	0.010802471	0.446560267	1
Heart_Failure	pericyte	<i>SI00B</i>	0.004121578	0.026789989	0.504513175	1
Heart_Failure	pericyte	<i>SAMD9</i>	-0.003362181	0.013447587	0.465904002	1
Heart_Failure	pericyte	<i>SCAPER</i>	0.001179539	0.045241173	0.538896812	1
Heart_Failure	pericyte	<i>SDCCAG8</i>	0.001071354	0.013021991	0.465904002	1
Heart_Failure	pericyte	<i>SDK1</i>	0.000844567	0.026254379	0.504513175	1
Heart_Failure	pericyte	<i>SEC22A</i>	0.001967328	0.038485419	0.523879866	1
Heart_Failure	pericyte	<i>SELENBP1</i>	0.003497638	0.041512509	0.52962761	1
Heart_Failure	pericyte	<i>SEMA4D</i>	-0.001468092	0.003340829	0.43293709	1
Heart_Failure	pericyte	<i>Sep-10</i>	0.003253367	0.013621025	0.465904002	1
Heart_Failure	pericyte	<i>SGCE</i>	0.002781139	0.042017043	0.52962761	1
Heart_Failure	pericyte	<i>SH3BGR</i>	0.010200857	0.035385441	0.523087071	1
Heart_Failure	pericyte	<i>SH3D19</i>	0.001125847	0.001387711	0.43293709	1
Heart_Failure	pericyte	<i>SH3PXD2B</i>	0.001276134	0.044161446	0.535651779	1
Heart_Failure	pericyte	<i>SHC2</i>	0.006560811	0.02311023	0.49233134	1
Heart_Failure	pericyte	<i>SIRPB2</i>	-0.002651002	0.037742247	0.523879866	1
Heart_Failure	pericyte	<i>SLC1A5</i>	0.00924128	0.00523737	0.43293709	1
Heart_Failure	pericyte	<i>SLC20A2</i>	0.001498736	0.035971601	0.523087071	1
Heart_Failure	pericyte	<i>SLC25A16</i>	0.002670663	0.048941384	0.540045524	1
Heart_Failure	pericyte	<i>SLC25A27</i>	0.002887234	0.009544318	0.446560267	1
Heart_Failure	pericyte	<i>SLC26A5</i>	0.002141412	0.037641752	0.523879866	1
Heart_Failure	pericyte	<i>SLC41A2</i>	0.002704403	0.02958133	0.509862148	1
Heart_Failure	pericyte	<i>SLCO3A1</i>	-0.00080777	0.004236407	0.43293709	1
Heart_Failure	pericyte	<i>SMAD5</i>	0.002719558	0.006245352	0.43293709	1
Heart_Failure	pericyte	<i>SMCHD1</i>	-0.000545429	0.00672913	0.43293709	1
Heart_Failure	pericyte	<i>SMIM12</i>	0.003534816	0.018715307	0.474969643	1
Heart_Failure	pericyte	<i>SMIM19</i>	0.002924323	0.007947361	0.43293709	1
Heart_Failure	pericyte	<i>SNTB2</i>	0.001715236	0.0394066	0.523879866	1
Heart_Failure	pericyte	<i>SNTG2</i>	0.000913996	0.027251402	0.504830729	1
Heart_Failure	pericyte	<i>SP110</i>	-0.001402132	0.038856053	0.523879866	1
Heart_Failure	pericyte	<i>SPATA22</i>	0.003026772	0.010191276	0.446560267	1
Heart_Failure	pericyte	<i>SPATA5L1</i>	0.008425825	0.014541469	0.465904002	1
Heart_Failure	pericyte	<i>SPC25</i>	0.00245979	0.015511207	0.465904002	1
Heart_Failure	pericyte	<i>SPOCK2</i>	-0.002278785	0.040209584	0.527716926	1
Heart_Failure	pericyte	<i>SPTBN1</i>	0.001052231	0.000372344	0.43293709	1
Heart_Failure	pericyte	<i>SRGAP1</i>	0.002003132	0.004104737	0.43293709	1

Heart_Failure	pericyte	<i>SRPK2</i>	-0.000506941	0.042373194	0.529753573	1
Heart_Failure	pericyte	<i>SSC5D</i>	0.004883604	0.032553983	0.523082866	1
Heart_Failure	pericyte	<i>ST3GAL6</i>	0.002217945	0.042185867	0.52962761	1
Heart_Failure	pericyte	<i>STARD9</i>	0.001272001	0.021873766	0.491748398	1
Heart_Failure	pericyte	<i>STK17B</i>	-0.00125628	0.002136905	0.43293709	1
Heart_Failure	pericyte	<i>STON1</i>	0.008554906	0.005526335	0.43293709	1
Heart_Failure	pericyte	<i>STOX1</i>	0.004169751	0.024775906	0.496961633	1
Heart_Failure	pericyte	<i>STRADA</i>	-0.005107223	0.030477049	0.513171058	1
Heart_Failure	pericyte	<i>STRC</i>	0.00626401	0.024820507	0.496961633	1
Heart_Failure	pericyte	<i>STXBP6</i>	0.001111155	0.049996545	0.545575669	1
Heart_Failure	pericyte	<i>SULF1</i>	0.001537409	0.034049889	0.523087071	1
Heart_Failure	pericyte	<i>SULT1B1</i>	-0.006036535	0.044944549	0.538896812	1
Heart_Failure	pericyte	<i>SULT1C2</i>	0.017152545	0.008331286	0.43293709	1
Heart_Failure	pericyte	<i>SULT1C4</i>	0.0053159	0.021880402	0.491748398	1
Heart_Failure	pericyte	<i>SUN1</i>	0.002195013	0.002913556	0.43293709	1
Heart_Failure	pericyte	<i>SYK</i>	-0.000886614	0.003073578	0.43293709	1
Heart_Failure	pericyte	<i>SYT7</i>	0.012654759	0.030795488	0.513171058	1
Heart_Failure	pericyte	<i>TACC1</i>	0.001096149	0.016834079	0.466968682	1
Heart_Failure	pericyte	<i>TACC3</i>	-0.0057194	0.014701446	0.465904002	1
Heart_Failure	pericyte	<i>TBC1D22A</i>	-0.001173429	0.008264943	0.43293709	1
Heart_Failure	pericyte	<i>TCTEX1D2</i>	0.020635285	0.035245487	0.523087071	1
Heart_Failure	pericyte	<i>TEF</i>	0.0076135	0.00412804	0.43293709	1
Heart_Failure	pericyte	<i>TEKT3</i>	0.007519454	0.042167768	0.52962761	1
Heart_Failure	pericyte	<i>TFCP2L1</i>	0.007839255	0.028892244	0.509862148	1
Heart_Failure	pericyte	<i>TFEB</i>	-0.002923877	0.015063738	0.465904002	1
Heart_Failure	pericyte	<i>TGOLN2</i>	-0.001715721	0.022334685	0.491748398	1
Heart_Failure	pericyte	<i>THEM6</i>	0.014198244	0.039106593	0.523879866	1
Heart_Failure	pericyte	<i>THNSL2</i>	0.007294032	0.034787382	0.523087071	1
Heart_Failure	pericyte	<i>THUMPD3</i>	0.00444595	0.036509599	0.523879866	1
Heart_Failure	pericyte	<i>TIMP3</i>	0.000699875	0.048623187	0.540045524	1
Heart_Failure	pericyte	<i>TIPIN</i>	0.004675035	0.04792304	0.538896812	1
Heart_Failure	pericyte	<i>TK2</i>	0.005911435	0.001393358	0.43293709	1
Heart_Failure	pericyte	<i>TMCC3</i>	-0.002406125	0.020127008	0.491748398	1
Heart_Failure	pericyte	<i>TMEM106A</i>	-0.003391709	0.028694523	0.509862148	1
Heart_Failure	pericyte	<i>TMEM123</i>	-0.002561387	0.032353563	0.523082866	1
Heart_Failure	pericyte	<i>TMEM127</i>	-0.006365062	0.005224327	0.43293709	1
Heart_Failure	pericyte	<i>TMEM201</i>	0.01469604	0.028944172	0.509862148	1
Heart_Failure	pericyte	<i>TMEM220</i>	0.002347143	0.04248077	0.529989735	1
Heart_Failure	pericyte	<i>TMEM222</i>	0.008492327	0.034799333	0.523087071	1
Heart_Failure	pericyte	<i>TMEM241</i>	0.002532579	0.005348648	0.43293709	1
Heart_Failure	pericyte	<i>TNFRSF10C</i>	-0.001647082	0.016969385	0.466968682	1
Heart_Failure	pericyte	<i>TNNT3</i>	0.014613428	0.007285532	0.43293709	1
Heart_Failure	pericyte	<i>TOP3A</i>	0.003331954	0.020685511	0.491748398	1
Heart_Failure	pericyte	<i>TOR3A</i>	0.004013896	0.038660751	0.523879866	1
Heart_Failure	pericyte	<i>TRIM2</i>	0.003832052	0.011632368	0.448484084	1
Heart_Failure	pericyte	<i>TRIM9</i>	-0.01314775	0.049420753	0.54266294	1
Heart_Failure	pericyte	<i>TRNT1</i>	0.002384756	0.019410572	0.485345507	1
Heart_Failure	pericyte	<i>TSHZ2</i>	0.000610063	0.005258175	0.43293709	1
Heart_Failure	pericyte	<i>TSPAN9</i>	0.001907529	0.017974258	0.47319016	1
Heart_Failure	pericyte	<i>TTC7B</i>	0.001408404	0.048514532	0.540045524	1
Heart_Failure	pericyte	<i>TTPA</i>	0.007558398	0.039389475	0.523879866	1
Heart_Failure	pericyte	<i>TUBB8</i>	-0.011823919	0.021945079	0.491748398	1

Heart_Failure	pericyte	<i>TUSC5</i>	0.003703999	0.037130878	0.523879866	1
Heart_Failure	pericyte	<i>TYK2</i>	-0.003279568	0.047120086	0.538896812	1
Heart_Failure	pericyte	<i>TYMP</i>	-0.002050776	0.010991548	0.446560267	1
Heart_Failure	pericyte	<i>UACA</i>	0.001163827	0.028464322	0.509862148	1
Heart_Failure	pericyte	<i>UBASH3B</i>	-0.002892864	0.005858644	0.43293709	1
Heart_Failure	pericyte	<i>UBN1</i>	-0.001635515	0.009181254	0.446560267	1
Heart_Failure	pericyte	<i>UBXN2A</i>	0.003506573	0.024562336	0.496961633	1
Heart_Failure	pericyte	<i>UGGT2</i>	0.001574342	0.014250471	0.465904002	1
Heart_Failure	pericyte	<i>UGP2</i>	0.001571964	0.015610204	0.465904002	1
Heart_Failure	pericyte	<i>UPF3A</i>	0.001619357	0.038043316	0.523879866	1
Heart_Failure	pericyte	<i>USP15</i>	-0.000935116	0.003343046	0.43293709	1
Heart_Failure	pericyte	<i>USP40</i>	0.002920801	0.012388175	0.456985998	1
Heart_Failure	pericyte	<i>VMP1</i>	-0.00050916	0.031278514	0.513260232	1
Heart_Failure	pericyte	<i>VNN2</i>	-0.001484524	0.040815454	0.527716926	1
Heart_Failure	pericyte	<i>VPS28</i>	-0.004476135	0.023134925	0.49233134	1
Heart_Failure	pericyte	<i>VSIG10</i>	0.004707651	0.007546676	0.43293709	1
Heart_Failure	pericyte	<i>WASF3</i>	0.002345949	0.024790878	0.496961633	1
Heart_Failure	pericyte	<i>WDFY4</i>	-0.001220477	0.026454616	0.504513175	1
Heart_Failure	pericyte	<i>WDR19</i>	0.002893014	0.044368747	0.535651779	1
Heart_Failure	pericyte	<i>WDR41</i>	0.002643043	0.040895505	0.527716926	1
Heart_Failure	pericyte	<i>WDR60</i>	0.003411897	0.000481615	0.43293709	1
Heart_Failure	pericyte	<i>WDR73</i>	0.002455957	0.039875139	0.526009067	1
Heart_Failure	pericyte	<i>WDR93</i>	0.003203748	0.047732072	0.538896812	1
Heart_Failure	pericyte	<i>WDSUB1</i>	0.003331958	0.029900285	0.510526012	1
Heart_Failure	pericyte	<i>WFS1</i>	0.005768604	0.005203971	0.43293709	1
Heart_Failure	pericyte	<i>WIPF1</i>	-0.000986026	0.013261176	0.465904002	1
Heart_Failure	pericyte	<i>WRN</i>	0.005292432	0.000658474	0.43293709	1
Heart_Failure	pericyte	<i>WWTR1</i>	0.001305754	0.026691373	0.504513175	1
Heart_Failure	pericyte	<i>XKR8</i>	-0.011464747	0.04867961	0.540045524	1
Heart_Failure	pericyte	<i>XPO6</i>	-0.001139263	0.001849177	0.43293709	1
Heart_Failure	pericyte	<i>XXYLTI</i>	0.00424249	0.044012646	0.535651779	1
Heart_Failure	pericyte	<i>ZBTB49</i>	-0.004357143	0.04797408	0.538896812	1
Heart_Failure	pericyte	<i>ZC2HC1A</i>	0.002352762	0.015971673	0.466968682	1
Heart_Failure	pericyte	<i>ZFHX4</i>	0.002061811	0.010009503	0.446560267	1
Heart_Failure	pericyte	<i>ZFP37</i>	0.010449513	0.043932885	0.535651779	1
Heart_Failure	pericyte	<i>ZFP41</i>	0.016133663	0.036865843	0.523879866	1
Heart_Failure	pericyte	<i>ZFPM2</i>	0.00070449	0.007699816	0.43293709	1
Heart_Failure	pericyte	<i>ZNF117</i>	0.002528353	0.043236906	0.532784481	1
Heart_Failure	pericyte	<i>ZNF208</i>	0.003705549	0.015149084	0.465904002	1
Heart_Failure	pericyte	<i>ZNF273</i>	0.004210641	0.042325923	0.529753573	1
Heart_Failure	pericyte	<i>ZNF334</i>	0.004472283	0.011508191	0.448484084	1
Heart_Failure	pericyte	<i>ZNF33A</i>	-0.002401326	0.029169142	0.509862148	1
Heart_Failure	pericyte	<i>ZNF436</i>	0.007833011	0.033447092	0.523087071	1
Heart_Failure	pericyte	<i>ZNF471</i>	0.005346583	0.036655555	0.523879866	1
Heart_Failure	pericyte	<i>ZNF483</i>	0.004730351	0.039366602	0.523879866	1
Heart_Failure	pericyte	<i>ZNF544</i>	0.007408632	0.046152159	0.538896812	1
Heart_Failure	pericyte	<i>ZNF652</i>	-0.001943327	0.003532409	0.43293709	1
Heart_Failure	pericyte	<i>ZNF682</i>	0.006511758	0.033853568	0.523087071	1
Heart_Failure	pericyte	<i>ZNF706</i>	0.004405692	0.021024125	0.491748398	1
Heart_Failure	pericyte	<i>ZNF749</i>	0.014465349	0.003621289	0.43293709	1
Heart_Failure	pericyte	<i>ZSCAN23</i>	0.008276159	0.041938651	0.52962761	1
Heart_Failure	pericyte	<i>ZSCAN31</i>	0.005911245	0.0254288	0.503617902	1

Heart_Failure	pericyte	<i>RPRML</i>	0.004990062	0.03188703	0.517817635	1
Heart_Failure	pericyte	<i>SI00A12</i>	0.033458477	0.032734915	0.523087071	1
Heart_Failure	pericyte	<i>IRX5</i>	0.015549911	0.041828047	0.52962761	1
Heart_Failure	pericyte	<i>LCN2</i>	0.005015481	0.040480409	0.527716926	1
Heart_Failure	pericyte	<i>AMY2A</i>	0.009165274	0.013741938	0.465904002	1
Stroke	adipocyte	<i>AAMP</i>	-0.003610435	0.034771094	0.998838797	1
Stroke	adipocyte	<i>ABTB1</i>	-0.002460578	0.021884666	0.998838797	1
Stroke	adipocyte	<i>AC003005.2</i>	-0.026903747	0.029309622	0.998838797	1
Stroke	adipocyte	<i>ADH6</i>	0.016211781	0.010126204	0.99203599	1
Stroke	adipocyte	<i>AGRN</i>	0.012937725	0.001905698	0.876755469	1
Stroke	adipocyte	<i>AKAP3</i>	0.021171493	0.011334653	0.998838797	1
Stroke	adipocyte	<i>ALOX5</i>	-0.001125888	0.017578106	0.998838797	1
Stroke	adipocyte	<i>ALPK1</i>	-0.001345215	0.009921528	0.99203599	1
Stroke	adipocyte	<i>ANKRD44</i>	-0.000394215	0.032745711	0.998838797	1
Stroke	adipocyte	<i>APBB1IP</i>	-0.000444279	0.037728537	0.998838797	1
Stroke	adipocyte	<i>ARHGAP9</i>	-0.002331719	0.03558208	0.998838797	1
Stroke	adipocyte	<i>ARPC2</i>	-0.001366454	0.000351618	0.716946681	1
Stroke	adipocyte	<i>ARPC3</i>	-0.002770216	0.038925258	0.998838797	1
Stroke	adipocyte	<i>ASAP1</i>	-0.000816144	0.033319879	0.998838797	1
Stroke	adipocyte	<i>ATF6</i>	-0.001608649	0.000473587	0.716946681	1
Stroke	adipocyte	<i>ATN1</i>	-0.004014646	0.016696491	0.998838797	1
Stroke	adipocyte	<i>B3GNTL1</i>	-0.003625732	0.023322435	0.998838797	1
Stroke	adipocyte	<i>BASP1</i>	-0.001009185	0.015563666	0.998838797	1
Stroke	adipocyte	<i>BIVM</i>	-0.005775167	0.026855369	0.998838797	1
Stroke	adipocyte	<i>BOD1L1</i>	-0.002198404	0.0141708	0.998838797	1
Stroke	adipocyte	<i>C12orf73</i>	0.003830961	0.04894587	0.998838797	1
Stroke	adipocyte	<i>C15orf61</i>	-0.005749448	0.043459072	0.998838797	1
Stroke	adipocyte	<i>C17orf107</i>	0.031687577	0.035349225	0.998838797	1
Stroke	adipocyte	<i>C5AR1</i>	-0.001263008	0.005931863	0.876755469	1
Stroke	adipocyte	<i>C5orf22</i>	-0.002914673	0.018349802	0.998838797	1
Stroke	adipocyte	<i>C8orf46</i>	0.007883795	0.002008196	0.876755469	1
Stroke	adipocyte	<i>CAPZA2</i>	-0.003530527	0.000839797	0.716946681	1
Stroke	adipocyte	<i>CCDC7</i>	0.001710669	0.013348274	0.998838797	1
Stroke	adipocyte	<i>CCDC8</i>	0.0097927	0.035564426	0.998838797	1
Stroke	adipocyte	<i>CD5</i>	0.003162806	0.035112436	0.998838797	1
Stroke	adipocyte	<i>CDA</i>	-0.00304314	0.00892922	0.978684103	1
Stroke	adipocyte	<i>CDH26</i>	-0.007890017	0.035283155	0.998838797	1
Stroke	adipocyte	<i>CDH4</i>	-0.009328623	0.021734968	0.998838797	1
Stroke	adipocyte	<i>CDK19</i>	-0.001504501	0.018008147	0.998838797	1
Stroke	adipocyte	<i>CEACAM4</i>	-0.005379116	0.028181192	0.998838797	1
Stroke	adipocyte	<i>CHI3L1</i>	-0.003456686	0.021506013	0.998838797	1
Stroke	adipocyte	<i>CHRNE</i>	0.025337181	0.016671775	0.998838797	1
Stroke	adipocyte	<i>CHST11</i>	-0.000529192	0.007434043	0.893685631	1
Stroke	adipocyte	<i>CHST15</i>	-0.001062396	0.006120994	0.876755469	1
Stroke	adipocyte	<i>CLEC4E</i>	-0.001853456	0.008181906	0.958726891	1
Stroke	adipocyte	<i>CNTN2</i>	0.01576246	0.011074633	0.998838797	1
Stroke	adipocyte	<i>COPE</i>	-0.002630138	0.044044052	0.998838797	1
Stroke	adipocyte	<i>COTL1</i>	-0.001913657	0.013497447	0.998838797	1
Stroke	adipocyte	<i>COX4I2</i>	0.003583266	0.035383038	0.998838797	1
Stroke	adipocyte	<i>CPPED1</i>	-0.000762565	0.002906455	0.876755469	1
Stroke	adipocyte	<i>CPQ</i>	-0.00066041	0.030667713	0.998838797	1
Stroke	adipocyte	<i>CTBS</i>	-0.001897024	0.046201848	0.998838797	1

Stroke	adipocyte	<i>CTSS</i>	-0.000806555	0.004609385	0.876755469	1
Stroke	adipocyte	<i>CTSZ</i>	-0.002699453	0.023582208	0.998838797	1
Stroke	adipocyte	<i>CUX1</i>	-0.001331856	0.003197616	0.876755469	1
Stroke	adipocyte	<i>DENND5A</i>	-0.00142029	0.004749027	0.876755469	1
Stroke	adipocyte	<i>DHX34</i>	-0.001859415	0.020426059	0.998838797	1
Stroke	adipocyte	<i>DOCK5</i>	-0.000474033	0.008711302	0.978684103	1
Stroke	adipocyte	<i>DOCK8</i>	-0.000551888	0.004638183	0.876755469	1
Stroke	adipocyte	<i>DSTYK</i>	-0.001867111	0.025552216	0.998838797	1
Stroke	adipocyte	<i>DYSF</i>	-0.000882887	0.036914834	0.998838797	1
Stroke	adipocyte	<i>EBLN2</i>	-0.005209167	0.029925628	0.998838797	1
Stroke	adipocyte	<i>ENOSF1</i>	0.001336989	0.041592618	0.998838797	1
Stroke	adipocyte	<i>EPHB1</i>	-0.000631429	0.019872849	0.998838797	1
Stroke	adipocyte	<i>ETV6</i>	-0.000964026	0.005203149	0.876755469	1
Stroke	adipocyte	<i>EYA3</i>	-0.003339598	0.00104401	0.779875313	1
Stroke	adipocyte	<i>FBXL13</i>	-0.001377747	0.032910518	0.998838797	1
Stroke	adipocyte	<i>FCAR</i>	-0.003375162	0.01610954	0.998838797	1
Stroke	adipocyte	<i>FLVCRI-ASI</i>	0.007482056	0.027236353	0.998838797	1
Stroke	adipocyte	<i>FPR1</i>	-0.001784366	0.002068717	0.876755469	1
Stroke	adipocyte	<i>GLIPR1L1</i>	0.004227081	0.022000417	0.998838797	1
Stroke	adipocyte	<i>GMPPB</i>	0.006086877	0.031306324	0.998838797	1
Stroke	adipocyte	<i>GOLGA8M</i>	0.009397208	0.041048901	0.998838797	1
Stroke	adipocyte	<i>GOLIM4</i>	0.003273656	0.0059397	0.876755469	1
Stroke	adipocyte	<i>GPHN</i>	0.000865091	0.049995601	0.998838797	1
Stroke	adipocyte	<i>HRAS</i>	-0.006230996	0.019058114	0.998838797	1
Stroke	adipocyte	<i>IFNAR1</i>	-0.001801193	0.044728456	0.998838797	1
Stroke	adipocyte	<i>IFNAR2</i>	-0.001013243	0.040907311	0.998838797	1
Stroke	adipocyte	<i>IGF2R</i>	-0.000614297	0.02901537	0.998838797	1
Stroke	adipocyte	<i>IL17RA</i>	-0.001641762	0.004813073	0.876755469	1
Stroke	adipocyte	<i>IMPA2</i>	-0.002711037	0.039735519	0.998838797	1
Stroke	adipocyte	<i>INVS</i>	0.00131648	0.046776834	0.998838797	1
Stroke	adipocyte	<i>IQGAP1</i>	-0.000981437	0.004485749	0.876755469	1
Stroke	adipocyte	<i>KCNJ15</i>	-0.000571506	0.029581841	0.998838797	1
Stroke	adipocyte	<i>KCNU1</i>	0.008620961	0.032025989	0.998838797	1
Stroke	adipocyte	<i>KIAA0040</i>	-0.002050363	0.038297973	0.998838797	1
Stroke	adipocyte	<i>KIAA1109</i>	-0.00124074	0.020944323	0.998838797	1
Stroke	adipocyte	<i>KLF14</i>	-0.016196356	0.016791707	0.998838797	1
Stroke	adipocyte	<i>KPNA5</i>	0.002362959	0.025350803	0.998838797	1
Stroke	adipocyte	<i>LAPTM5</i>	-0.001811641	0.016788754	0.998838797	1
Stroke	adipocyte	<i>LILRA2</i>	-0.006601134	0.024034384	0.998838797	1
Stroke	adipocyte	<i>LILRA6</i>	-0.004837833	0.027869127	0.998838797	1
Stroke	adipocyte	<i>LILRB3</i>	-0.001759692	0.004874734	0.876755469	1
Stroke	adipocyte	<i>LINC00545</i>	0.004788115	0.009498607	0.978684103	1
Stroke	adipocyte	<i>LINC00937</i>	-0.004854729	0.006113486	0.876755469	1
Stroke	adipocyte	<i>LITAF</i>	-0.000742741	0.013976528	0.998838797	1
Stroke	adipocyte	<i>LRMP</i>	-0.001195413	0.011763052	0.998838797	1
Stroke	adipocyte	<i>LRPAP1</i>	0.003849823	0.033563362	0.998838797	1
Stroke	adipocyte	<i>LRRC25</i>	-0.004820073	0.021792056	0.998838797	1
Stroke	adipocyte	<i>LRRK2</i>	-0.000694055	0.0025472	0.876755469	1
Stroke	adipocyte	<i>MAP3K2</i>	-0.001013837	0.028307471	0.998838797	1
Stroke	adipocyte	<i>MAP3K5</i>	-0.001106677	0.006602074	0.876755469	1
Stroke	adipocyte	<i>MAPK14</i>	-0.001398085	0.031873007	0.998838797	1
Stroke	adipocyte	<i>MAPRE1</i>	-0.003870768	0.037457509	0.998838797	1

Stroke	adipocyte	<i>MCTP1</i>	-0.000447205	0.044975884	0.998838797	1
Stroke	adipocyte	<i>MEGF9</i>	-0.00102772	0.003574949	0.876755469	1
Stroke	adipocyte	<i>MEST</i>	0.001695288	0.034907565	0.998838797	1
Stroke	adipocyte	<i>METAP1</i>	0.008033097	0.000460038	0.716946681	1
Stroke	adipocyte	<i>MGRN1</i>	-0.002123685	0.031011479	0.998838797	1
Stroke	adipocyte	<i>MICAL2</i>	-0.00265637	0.001275681	0.847052083	1
Stroke	adipocyte	<i>MOB3A</i>	-0.001503605	0.044338983	0.998838797	1
Stroke	adipocyte	<i>MTMR10</i>	-0.002940425	0.013954192	0.998838797	1
Stroke	adipocyte	<i>MTMR3</i>	-0.001434461	0.015479463	0.998838797	1
Stroke	adipocyte	<i>MX2</i>	-0.00116788	0.012178085	0.998838797	1
Stroke	adipocyte	<i>MYO1F</i>	-0.000452126	0.015797501	0.998838797	1
Stroke	adipocyte	<i>MYO5B</i>	0.005301549	0.04564002	0.998838797	1
Stroke	adipocyte	<i>NAA60</i>	0.006931379	0.013657524	0.998838797	1
Stroke	adipocyte	<i>NDE1</i>	-0.001361769	0.009464186	0.978684103	1
Stroke	adipocyte	<i>NEAT1</i>	-0.000323649	0.01936531	0.998838797	1
Stroke	adipocyte	<i>NINL</i>	0.002900544	0.046261643	0.998838797	1
Stroke	adipocyte	<i>NSFL1C</i>	-0.003246488	0.018539495	0.998838797	1
Stroke	adipocyte	<i>NT5C2</i>	-0.00107903	0.020260544	0.998838797	1
Stroke	adipocyte	<i>NUAK2</i>	-0.006554089	0.006087813	0.876755469	1
Stroke	adipocyte	<i>OGFRL1</i>	-0.001906887	0.025294176	0.998838797	1
Stroke	adipocyte	<i>OSCAR</i>	-0.003260722	0.025410442	0.998838797	1
Stroke	adipocyte	<i>OTUD3</i>	0.005134554	0.048268424	0.998838797	1
Stroke	adipocyte	<i>PADI4</i>	-0.002226124	0.00743254	0.893685631	1
Stroke	adipocyte	<i>PCDHA4</i>	0.021648464	0.041763462	0.998838797	1
Stroke	adipocyte	<i>PGS1</i>	-0.00255899	0.029831491	0.998838797	1
Stroke	adipocyte	<i>PHIP</i>	-0.001188205	0.040593547	0.998838797	1
Stroke	adipocyte	<i>PHLDB1</i>	0.001192968	0.046374891	0.998838797	1
Stroke	adipocyte	<i>PIAS1</i>	-0.000806306	0.020985584	0.998838797	1
Stroke	adipocyte	<i>PICALM</i>	-0.000694891	0.009324325	0.978684103	1
Stroke	adipocyte	<i>PILRA</i>	-0.00187193	0.000750508	0.716946681	1
Stroke	adipocyte	<i>PPCDC</i>	-0.000901138	0.030835875	0.998838797	1
Stroke	adipocyte	<i>PPT1</i>	-0.003742045	0.014757945	0.998838797	1
Stroke	adipocyte	<i>PRAMI</i>	-0.002430995	0.006445619	0.876755469	1
Stroke	adipocyte	<i>PROZ</i>	0.013597144	0.049792767	0.998838797	1
Stroke	adipocyte	<i>PRSS23</i>	0.000769558	0.037870471	0.998838797	1
Stroke	adipocyte	<i>PSAP</i>	-0.000759673	0.047154805	0.998838797	1
Stroke	adipocyte	<i>PSEN1</i>	-0.002159987	0.015191372	0.998838797	1
Stroke	adipocyte	<i>PTAFR</i>	-0.004324519	0.004964068	0.876755469	1
Stroke	adipocyte	<i>PTBP3</i>	-0.001057112	0.03296787	0.998838797	1
Stroke	adipocyte	<i>PTPRJ</i>	-0.000584142	0.017175962	0.998838797	1
Stroke	adipocyte	<i>RAF1</i>	-0.002023783	0.012865069	0.998838797	1
Stroke	adipocyte	<i>RALB</i>	-0.003516629	0.009446842	0.978684103	1
Stroke	adipocyte	<i>RARRES2</i>	-0.001092642	0.042029822	0.998838797	1
Stroke	adipocyte	<i>RBAK</i>	-0.010247083	0.006552441	0.876755469	1
Stroke	adipocyte	<i>REPIN1</i>	-0.003987382	0.032355463	0.998838797	1
Stroke	adipocyte	<i>RFWD2</i>	-0.000815029	0.00297232	0.876755469	1
Stroke	adipocyte	<i>RGS18</i>	-0.003143081	0.000557466	0.716946681	1
Stroke	adipocyte	<i>RGS2</i>	-0.001588869	0.010106825	0.99203599	1
Stroke	adipocyte	<i>RILPL2</i>	-0.002729575	0.002844248	0.876755469	1
Stroke	adipocyte	<i>RIPK2</i>	-0.002669895	0.031558942	0.998838797	1
Stroke	adipocyte	<i>RNF123</i>	0.003721325	0.015425797	0.998838797	1
Stroke	adipocyte	<i>RNF130</i>	-0.000800379	0.020083763	0.998838797	1

Stroke	adipocyte	<i>RNF149</i>	-0.000589967	0.006865677	0.890663678	1
Stroke	adipocyte	<i>RNF24</i>	-0.000520939	0.011034967	0.998838797	1
Stroke	adipocyte	<i>RPGRIP1</i>	-0.006548398	0.046269887	0.998838797	1
Stroke	adipocyte	<i>RPS11</i>	-0.001346284	0.030854452	0.998838797	1
Stroke	adipocyte	<i>RRM2B</i>	-0.006834486	0.002147664	0.876755469	1
Stroke	adipocyte	<i>RRN3</i>	0.00566421	0.015770479	0.998838797	1
Stroke	adipocyte	<i>RRP12</i>	-0.003685027	0.006259822	0.876755469	1
Stroke	adipocyte	<i>RTN3</i>	-0.001212346	0.024310934	0.998838797	1
Stroke	adipocyte	<i>SI00A8</i>	-0.002426417	0.007477289	0.893685631	1
Stroke	adipocyte	<i>SI00A9</i>	-0.001551634	0.007004885	0.890663678	1
Stroke	adipocyte	<i>SAMD9L</i>	-0.001695608	0.036722299	0.998838797	1
Stroke	adipocyte	<i>SEC14L1</i>	-0.001009488	0.016037637	0.998838797	1
Stroke	adipocyte	<i>SEC22A</i>	0.001734748	0.035986996	0.998838797	1
Stroke	adipocyte	<i>SEC24C</i>	0.004667264	0.014811064	0.998838797	1
Stroke	adipocyte	<i>SELENBP1</i>	0.003628085	0.015106606	0.998838797	1
Stroke	adipocyte	<i>SH3BGR</i>	0.009121414	0.031468836	0.998838797	1
Stroke	adipocyte	<i>SIRPB2</i>	-0.002494594	0.024611083	0.998838797	1
Stroke	adipocyte	<i>SLC22A15</i>	-0.003916188	0.003046892	0.876755469	1
Stroke	adipocyte	<i>SLC25A37</i>	-0.000831226	0.01708256	0.998838797	1
Stroke	adipocyte	<i>SLC26A11</i>	0.009083559	0.003038468	0.876755469	1
Stroke	adipocyte	<i>SLC2A1-AS1</i>	0.012318356	0.046312499	0.998838797	1
Stroke	adipocyte	<i>SLCO3A1</i>	-0.00055178	0.024693705	0.998838797	1
Stroke	adipocyte	<i>SMCHD1</i>	-0.00048283	0.005793876	0.876755469	1
Stroke	adipocyte	<i>SNX27</i>	-0.00181748	0.030689961	0.998838797	1
Stroke	adipocyte	<i>SRPK2</i>	-0.000462047	0.033477957	0.998838797	1
Stroke	adipocyte	<i>SULT1C2</i>	0.0114555	0.043201897	0.998838797	1
Stroke	adipocyte	<i>SYK</i>	-0.0005959	0.022265446	0.998838797	1
Stroke	adipocyte	<i>TAF13</i>	-0.007034923	0.034985827	0.998838797	1
Stroke	adipocyte	<i>TBC1D22A</i>	-0.000968071	0.012313396	0.998838797	1
Stroke	adipocyte	<i>TBKBP1</i>	0.005605433	0.009178658	0.978684103	1
Stroke	adipocyte	<i>TCTEX1D1</i>	-0.009032478	0.030335912	0.998838797	1
Stroke	adipocyte	<i>TEKT3</i>	0.006570452	0.041437728	0.998838797	1
Stroke	adipocyte	<i>TFEB</i>	-0.002517168	0.016014441	0.998838797	1
Stroke	adipocyte	<i>TMCC3</i>	-0.002212701	0.013992015	0.998838797	1
Stroke	adipocyte	<i>TMEM127</i>	-0.00499868	0.011865808	0.998838797	1
Stroke	adipocyte	<i>TMEM8A</i>	0.006595381	0.014759843	0.998838797	1
Stroke	adipocyte	<i>TNFRSF10C</i>	-0.001428578	0.017269858	0.998838797	1
Stroke	adipocyte	<i>TNFSF10</i>	-0.001774334	0.016807826	0.998838797	1
Stroke	adipocyte	<i>TOMIL2</i>	-0.00160164	0.023711434	0.998838797	1
Stroke	adipocyte	<i>TRIP4</i>	-0.00281587	0.044878383	0.998838797	1
Stroke	adipocyte	<i>TTC14</i>	0.001090795	0.028867693	0.998838797	1
Stroke	adipocyte	<i>TTLL12</i>	0.005195588	0.033413618	0.998838797	1
Stroke	adipocyte	<i>TUBB8</i>	-0.011044659	0.013549437	0.998838797	1
Stroke	adipocyte	<i>TYMP</i>	-0.001593794	0.02312263	0.998838797	1
Stroke	adipocyte	<i>UBN1</i>	-0.001217839	0.025645618	0.998838797	1
Stroke	adipocyte	<i>UBXN2B</i>	-0.002801552	0.042103141	0.998838797	1
Stroke	adipocyte	<i>USP15</i>	-0.000776333	0.005107879	0.876755469	1
Stroke	adipocyte	<i>USP6</i>	0.01226144	0.029072835	0.998838797	1
Stroke	adipocyte	<i>VMP1</i>	-0.000599663	0.003471489	0.876755469	1
Stroke	adipocyte	<i>VNN2</i>	-0.001786094	0.00465655	0.876755469	1
Stroke	adipocyte	<i>VNN3</i>	-0.004656095	0.003598999	0.876755469	1
Stroke	adipocyte	<i>VPS28</i>	-0.004375816	0.010899308	0.998838797	1

Stroke	adipocyte	<i>VPS37C</i>	-0.005234179	0.000727905	0.716946681	1
Stroke	adipocyte	<i>VPS8</i>	-0.001577424	0.005631411	0.876755469	1
Stroke	adipocyte	<i>VTI1A</i>	-0.000926274	0.025962142	0.998838797	1
Stroke	adipocyte	<i>VWCE</i>	0.00996536	0.045657924	0.998838797	1
Stroke	adipocyte	<i>WAC</i>	-0.000713989	0.042695256	0.998838797	1
Stroke	adipocyte	<i>WDFY4</i>	-0.001138936	0.017412229	0.998838797	1
Stroke	adipocyte	<i>XPO6</i>	-0.000795247	0.012416701	0.998838797	1
Stroke	adipocyte	<i>YJEFN3</i>	-0.010852461	0.045441507	0.998838797	1
Stroke	adipocyte	<i>ZCWPW1</i>	-0.003796118	0.027636346	0.998838797	1
Stroke	adipocyte	<i>ZNF100</i>	0.001691639	0.044161874	0.998838797	1
Stroke	adipocyte	<i>ZNF143</i>	-0.002843319	0.027705156	0.998838797	1
Stroke	adipocyte	<i>ZNF232</i>	0.011606468	0.045592599	0.998838797	1
Stroke	adipocyte	<i>ZNF33A</i>	-0.002097476	0.028499553	0.998838797	1
Stroke	adipocyte	<i>ZNF496</i>	-0.003710205	0.032322996	0.998838797	1
Stroke	adipocyte	<i>ZNF518B</i>	0.012734823	0.005935928	0.876755469	1
Stroke	adipocyte	<i>ZNF575</i>	-0.010970858	0.019236253	0.998838797	1
Stroke	adipocyte	<i>ZNF608</i>	0.001602244	0.0313321	0.998838797	1
Stroke	adipocyte	<i>ZNF697</i>	0.004366868	0.036360075	0.998838797	1
Stroke	adipocyte	<i>ZNF749</i>	0.008765661	0.04228451	0.998838797	1
Stroke	ASPC	<i>ABHD15</i>	-0.004978845	0.022798737	0.999820317	1
Stroke	ASPC	<i>ABTB2</i>	0.003360612	0.048468609	0.999820317	1
Stroke	ASPC	<i>ADRA1A</i>	-0.002395276	0.049063505	0.999820317	1
Stroke	ASPC	<i>AGO1</i>	-0.005863652	0.010492689	0.999820317	1
Stroke	ASPC	<i>AGTPBP1</i>	-0.001349952	0.011409641	0.999820317	1
Stroke	ASPC	<i>AKR7A2</i>	-0.006583148	0.030822894	0.999820317	1
Stroke	ASPC	<i>ALOX5</i>	-0.001409036	0.002953244	0.815863326	1
Stroke	ASPC	<i>ALPK1</i>	-0.00143665	0.005867686	0.922770807	1
Stroke	ASPC	<i>ANTXR2</i>	-0.000897494	0.02751574	0.999820317	1
Stroke	ASPC	<i>ARHGAP9</i>	-0.002453115	0.027182181	0.999820317	1
Stroke	ASPC	<i>ARL6IP5</i>	-0.001664502	0.023889822	0.999820317	1
Stroke	ASPC	<i>ATG7</i>	-0.000720093	0.023076114	0.999820317	1
Stroke	ASPC	<i>ATP6V1E1</i>	-0.003750535	0.040788706	0.999820317	1
Stroke	ASPC	<i>ATXN2</i>	0.000812119	0.022524906	0.999820317	1
Stroke	ASPC	<i>B3GNTL1</i>	-0.005243092	0.001032989	0.815863326	1
Stroke	ASPC	<i>BASP1</i>	-0.000928965	0.025935165	0.999820317	1
Stroke	ASPC	<i>BOD1L1</i>	-0.002381007	0.007958793	0.999820317	1
Stroke	ASPC	<i>C15orf61</i>	-0.006227246	0.028814641	0.999820317	1
Stroke	ASPC	<i>C19orf71</i>	-0.008044552	0.028323676	0.999820317	1
Stroke	ASPC	<i>C21orf33</i>	-0.022247227	0.036424827	0.999820317	1
Stroke	ASPC	<i>C5AR1</i>	-0.001170632	0.010738734	0.999820317	1
Stroke	ASPC	<i>CARD16</i>	-0.00648678	0.029033836	0.999820317	1
Stroke	ASPC	<i>CASP1</i>	-0.003406243	0.016907162	0.999820317	1
Stroke	ASPC	<i>CD1D</i>	-0.007818293	0.02572427	0.999820317	1
Stroke	ASPC	<i>CD82</i>	-0.002222305	0.029409524	0.999820317	1
Stroke	ASPC	<i>CDA</i>	-0.002912257	0.012320393	0.999820317	1
Stroke	ASPC	<i>CDC16</i>	-0.001656713	0.03980373	0.999820317	1
Stroke	ASPC	<i>CEACAM4</i>	-0.005396491	0.027692282	0.999820317	1
Stroke	ASPC	<i>CENPA</i>	-0.00713867	0.037322204	0.999820317	1
Stroke	ASPC	<i>CEP19</i>	-0.007212163	0.015992174	0.999820317	1
Stroke	ASPC	<i>CGGBP1</i>	0.001567859	0.024229956	0.999820317	1
Stroke	ASPC	<i>CHI3L1</i>	-0.003929037	0.008982761	0.999820317	1
Stroke	ASPC	<i>CHST11</i>	-0.000484207	0.014355971	0.999820317	1

Stroke	ASPC	<i>CHST15</i>	-0.001171923	0.002476303	0.815863326	1
Stroke	ASPC	<i>CLEC12A</i>	-0.001368645	0.034736848	0.999820317	1
Stroke	ASPC	<i>CLEC4D</i>	-0.014726098	0.026407452	0.999820317	1
Stroke	ASPC	<i>CLEC4E</i>	-0.001886848	0.007093134	0.999820317	1
Stroke	ASPC	<i>CLIC3</i>	0.006003906	0.033110838	0.999820317	1
Stroke	ASPC	<i>CNDP1</i>	-0.013820688	0.048208367	0.999820317	1
Stroke	ASPC	<i>COTL1</i>	-0.002341868	0.002542474	0.815863326	1
Stroke	ASPC	<i>COX11</i>	0.003418493	0.048854211	0.999820317	1
Stroke	ASPC	<i>CPPED1</i>	-0.000766137	0.002779156	0.815863326	1
Stroke	ASPC	<i>CPQ</i>	-0.00069022	0.023892861	0.999820317	1
Stroke	ASPC	<i>CRYBB2</i>	-0.028641766	0.047287461	0.999820317	1
Stroke	ASPC	<i>CSTA</i>	-0.011063215	0.012324246	0.999820317	1
Stroke	ASPC	<i>CTBS</i>	-0.002150563	0.023057651	0.999820317	1
Stroke	ASPC	<i>CTSS</i>	-0.000865693	0.002334222	0.815863326	1
Stroke	ASPC	<i>CTSZ</i>	-0.003162793	0.007950505	0.999820317	1
Stroke	ASPC	<i>CUX1</i>	-0.001265448	0.005211539	0.91807866	1
Stroke	ASPC	<i>DBNDD2</i>	0.017131321	0.017734207	0.999820317	1
Stroke	ASPC	<i>DCHS2</i>	-0.006418094	0.04998197	0.999820317	1
Stroke	ASPC	<i>DENND5A</i>	-0.001517356	0.002567621	0.815863326	1
Stroke	ASPC	<i>DHRS12</i>	0.004209137	0.026171295	0.999820317	1
Stroke	ASPC	<i>DHX34</i>	-0.001782656	0.026158608	0.999820317	1
Stroke	ASPC	<i>DOCK5</i>	-0.000468636	0.009492909	0.999820317	1
Stroke	ASPC	<i>DOCK8</i>	-0.000415604	0.033104485	0.999820317	1
Stroke	ASPC	<i>ELL</i>	-0.001811282	0.037701883	0.999820317	1
Stroke	ASPC	<i>ENPP3</i>	-0.00124101	0.037543604	0.999820317	1
Stroke	ASPC	<i>EPHB1</i>	-0.000643536	0.017607919	0.999820317	1
Stroke	ASPC	<i>ETV6</i>	-0.001117095	0.001201732	0.815863326	1
Stroke	ASPC	<i>EYA3</i>	-0.002122612	0.037581673	0.999820317	1
Stroke	ASPC	<i>FAM219B</i>	0.002983716	0.027125374	0.999820317	1
Stroke	ASPC	<i>FCAR</i>	-0.003629285	0.009649327	0.999820317	1
Stroke	ASPC	<i>FCN1</i>	-0.000934498	0.030983653	0.999820317	1
Stroke	ASPC	<i>FPR1</i>	-0.001435106	0.013237893	0.999820317	1
Stroke	ASPC	<i>GALC</i>	-0.002506734	0.043366522	0.999820317	1
Stroke	ASPC	<i>GALNS</i>	-0.006281675	0.002799251	0.815863326	1
Stroke	ASPC	<i>GDPD3</i>	-0.006802209	0.021833422	0.999820317	1
Stroke	ASPC	<i>GLIPR1</i>	-0.001806734	0.029718775	0.999820317	1
Stroke	ASPC	<i>GLS</i>	0.000756995	0.027268136	0.999820317	1
Stroke	ASPC	<i>GMEB2</i>	-0.005500547	0.022087597	0.999820317	1
Stroke	ASPC	<i>GOLGB1</i>	0.000843111	0.049130862	0.999820317	1
Stroke	ASPC	<i>GPANK1</i>	-0.006920577	0.016828345	0.999820317	1
Stroke	ASPC	<i>GPHN</i>	0.001014317	0.021686641	0.999820317	1
Stroke	ASPC	<i>GRAMD1C</i>	-0.003437845	0.005820951	0.922770807	1
Stroke	ASPC	<i>GSKIP</i>	-0.0058065	0.010749916	0.999820317	1
Stroke	ASPC	<i>HCLS1</i>	-0.00130253	0.008222478	0.999820317	1
Stroke	ASPC	<i>HIST1H4E</i>	-0.009288026	0.039081035	0.999820317	1
Stroke	ASPC	<i>HLA-DQB1</i>	-0.001164629	0.024732961	0.999820317	1
Stroke	ASPC	<i>HLA-DRB5</i>	-0.001388701	0.033986617	0.999820317	1
Stroke	ASPC	<i>HMOX2</i>	0.002321632	0.017234882	0.999820317	1
Stroke	ASPC	<i>HSD17B11</i>	-0.002889738	0.019664014	0.999820317	1
Stroke	ASPC	<i>IFNAR2</i>	-0.001033622	0.036793042	0.999820317	1
Stroke	ASPC	<i>IGF2R</i>	-0.000604793	0.03158506	0.999820317	1
Stroke	ASPC	<i>IGFLR1</i>	0.013141793	0.046982926	0.999820317	1

Stroke	ASPC	<i>IKBIP</i>	-0.001657149	0.017739911	0.999820317	1
Stroke	ASPC	<i>IL11RA</i>	0.003218582	0.03973686	0.999820317	1
Stroke	ASPC	<i>IL17RA</i>	-0.001474959	0.011289546	0.999820317	1
Stroke	ASPC	<i>IQGAP1</i>	-0.000808664	0.01927462	0.999820317	1
Stroke	ASPC	<i>KCNE3</i>	-0.00449389	0.045252075	0.999820317	1
Stroke	ASPC	<i>KCNJ15</i>	-0.000528788	0.044099345	0.999820317	1
Stroke	ASPC	<i>KIAA0930</i>	-0.003483684	0.025573514	0.999820317	1
Stroke	ASPC	<i>KLF14</i>	-0.013324669	0.048622522	0.999820317	1
Stroke	ASPC	<i>LAPTM5</i>	-0.001759969	0.020120537	0.999820317	1
Stroke	ASPC	<i>LGALS2</i>	-0.008188437	0.002534904	0.815863326	1
Stroke	ASPC	<i>LILRA2</i>	-0.006497991	0.026290109	0.999820317	1
Stroke	ASPC	<i>LILRA6</i>	-0.004984841	0.023475116	0.999820317	1
Stroke	ASPC	<i>LILRB2</i>	-0.002703932	0.015500341	0.999820317	1
Stroke	ASPC	<i>LILRB3</i>	-0.001567052	0.012150032	0.999820317	1
Stroke	ASPC	<i>LINC00092</i>	-0.018601998	0.00327656	0.815863326	1
Stroke	ASPC	<i>LINC00937</i>	-0.004378663	0.013320705	0.999820317	1
Stroke	ASPC	<i>LITAF</i>	-0.000799667	0.008132285	0.999820317	1
Stroke	ASPC	<i>LPCAT2</i>	-0.001473948	0.045658863	0.999820317	1
Stroke	ASPC	<i>LRMP</i>	-0.000945217	0.046522897	0.999820317	1
Stroke	ASPC	<i>LRRC23</i>	0.002580129	0.049478276	0.999820317	1
Stroke	ASPC	<i>LRRC25</i>	-0.005364382	0.010706261	0.999820317	1
Stroke	ASPC	<i>LRRK2</i>	-0.000643791	0.005114462	0.91807866	1
Stroke	ASPC	<i>LYZ</i>	-0.000971574	0.02184265	0.999820317	1
Stroke	ASPC	<i>LZTR1</i>	-0.005158622	0.016257509	0.999820317	1
Stroke	ASPC	<i>MAP3K5</i>	-0.001029275	0.011497098	0.999820317	1
Stroke	ASPC	<i>MAPK14</i>	-0.001593011	0.014437221	0.999820317	1
Stroke	ASPC	<i>MAPK9</i>	-0.005170245	0.036308022	0.999820317	1
Stroke	ASPC	<i>MAPRE1</i>	-0.003884264	0.036590951	0.999820317	1
Stroke	ASPC	<i>MEGF9</i>	-0.000954827	0.006789215	0.999820317	1
Stroke	ASPC	<i>MICAL2</i>	-0.002366793	0.004082471	0.903586992	1
Stroke	ASPC	<i>MLKL</i>	-0.002175956	0.034028262	0.999820317	1
Stroke	ASPC	<i>MMP25</i>	-0.001930071	0.033920726	0.999820317	1
Stroke	ASPC	<i>MOB3A</i>	-0.001589377	0.033333908	0.999820317	1
Stroke	ASPC	<i>MPPE1</i>	-0.003681624	0.008100545	0.999820317	1
Stroke	ASPC	<i>MTMR3</i>	-0.001990518	0.000780811	0.815863326	1
Stroke	ASPC	<i>MTPAP</i>	0.00293226	0.01827191	0.999820317	1
Stroke	ASPC	<i>MX2</i>	-0.001072207	0.021351542	0.999820317	1
Stroke	ASPC	<i>MYO1F</i>	-0.000436289	0.019843136	0.999820317	1
Stroke	ASPC	<i>NAAA</i>	-0.002168169	0.039012986	0.999820317	1
Stroke	ASPC	<i>NDE1</i>	-0.001350084	0.010076321	0.999820317	1
Stroke	ASPC	<i>NEAT1</i>	-0.000346613	0.012367934	0.999820317	1
Stroke	ASPC	<i>NFYC</i>	-0.001654416	0.038104129	0.999820317	1
Stroke	ASPC	<i>NLN</i>	-0.002301766	0.04647865	0.999820317	1
Stroke	ASPC	<i>NPR2</i>	0.015802164	0.001333505	0.815863326	1
Stroke	ASPC	<i>NT5C2</i>	-0.001359665	0.003448799	0.8244009	1
Stroke	ASPC	<i>NUP50</i>	-0.003249382	0.029895255	0.999820317	1
Stroke	ASPC	<i>ODF2</i>	0.002280098	0.019811169	0.999820317	1
Stroke	ASPC	<i>OGFRL1</i>	-0.002379487	0.005223339	0.91807866	1
Stroke	ASPC	<i>OSCAR</i>	-0.004753584	0.001126905	0.815863326	1
Stroke	ASPC	<i>PADI2</i>	-0.003830869	0.017886095	0.999820317	1
Stroke	ASPC	<i>PADI4</i>	-0.002411214	0.003736075	0.858722547	1
Stroke	ASPC	<i>PAX6</i>	-0.01012642	0.047017499	0.999820317	1

Stroke	ASPC	<i>PGSI</i>	-0.003514239	0.002758835	0.815863326	1
Stroke	ASPC	<i>PIASI</i>	-0.000888444	0.010952345	0.999820317	1
Stroke	ASPC	<i>PICALM</i>	-0.000672367	0.011777972	0.999820317	1
Stroke	ASPC	<i>PILRA</i>	-0.00136074	0.014147011	0.999820317	1
Stroke	ASPC	<i>PLCB2</i>	-0.003852247	0.003157872	0.815863326	1
Stroke	ASPC	<i>PLEKHA1</i>	0.003010947	0.012768831	0.999820317	1
Stroke	ASPC	<i>PLRG1</i>	-0.002473172	0.030684453	0.999820317	1
Stroke	ASPC	<i>PPCDC</i>	-0.000878241	0.035402401	0.999820317	1
Stroke	ASPC	<i>PPP1R14B</i>	-0.009463673	0.0104526	0.999820317	1
Stroke	ASPC	<i>PPT1</i>	-0.005221109	0.000653075	0.815863326	1
Stroke	ASPC	<i>PRAMI</i>	-0.002850851	0.001389954	0.815863326	1
Stroke	ASPC	<i>PSAP</i>	-0.001061136	0.005733364	0.922770807	1
Stroke	ASPC	<i>PTAFR</i>	-0.00463034	0.002623444	0.815863326	1
Stroke	ASPC	<i>PTCHD3</i>	0.013045047	0.047092752	0.999820317	1
Stroke	ASPC	<i>PTPRJ</i>	-0.000722965	0.003191105	0.815863326	1
Stroke	ASPC	<i>PYROXD2</i>	-0.003475936	0.014843643	0.999820317	1
Stroke	ASPC	<i>RAB37</i>	-0.002922811	0.049851754	0.999820317	1
Stroke	ASPC	<i>RAB3C</i>	-0.003882133	0.043087551	0.999820317	1
Stroke	ASPC	<i>RAB43</i>	-0.03450314	0.017645333	0.999820317	1
Stroke	ASPC	<i>RABL3</i>	0.00223988	0.033706714	0.999820317	1
Stroke	ASPC	<i>RAF1</i>	-0.002524035	0.001924187	0.815863326	1
Stroke	ASPC	<i>RALB</i>	-0.003048354	0.024879914	0.999820317	1
Stroke	ASPC	<i>RAPGEF6</i>	0.005467518	0.004606955	0.91807866	1
Stroke	ASPC	<i>RFWD2</i>	-0.000776802	0.004799368	0.91807866	1
Stroke	ASPC	<i>RGS19</i>	-0.003389608	0.040283051	0.999820317	1
Stroke	ASPC	<i>RGS2</i>	-0.001732793	0.005028698	0.91807866	1
Stroke	ASPC	<i>RIPK2</i>	-0.002670334	0.031356672	0.999820317	1
Stroke	ASPC	<i>RNF114</i>	-0.002952823	0.020687075	0.999820317	1
Stroke	ASPC	<i>RNF130</i>	-0.000828823	0.016035124	0.999820317	1
Stroke	ASPC	<i>RNF149</i>	-0.000581085	0.007747351	0.999820317	1
Stroke	ASPC	<i>RNF24</i>	-0.000484217	0.018158297	0.999820317	1
Stroke	ASPC	<i>RPGRIP1</i>	-0.010005266	0.002303655	0.815863326	1
Stroke	ASPC	<i>RPS11</i>	-0.001418492	0.022924833	0.999820317	1
Stroke	ASPC	<i>RPS13</i>	-0.00337617	0.041974176	0.999820317	1
Stroke	ASPC	<i>RRP12</i>	-0.003127552	0.020372065	0.999820317	1
Stroke	ASPC	<i>RTCA</i>	0.004202584	0.01318114	0.999820317	1
Stroke	ASPC	<i>RTN2</i>	-0.009676967	0.008242258	0.999820317	1
Stroke	ASPC	<i>S100A8</i>	-0.002010794	0.026623282	0.999820317	1
Stroke	ASPC	<i>S100A9</i>	-0.001361224	0.017987786	0.999820317	1
Stroke	ASPC	<i>SAR1A</i>	0.00217559	0.038117541	0.999820317	1
Stroke	ASPC	<i>SAYS1</i>	-0.00575659	0.018928253	0.999820317	1
Stroke	ASPC	<i>SELENBP1</i>	0.003207749	0.031917599	0.999820317	1
Stroke	ASPC	<i>SEMA4D</i>	-0.000939658	0.030795832	0.999820317	1
Stroke	ASPC	<i>SERF1A</i>	-0.017582919	0.020783507	0.999820317	1
Stroke	ASPC	<i>SGCE</i>	0.002609718	0.028860386	0.999820317	1
Stroke	ASPC	<i>SIRPB1</i>	-0.008025733	0.018687986	0.999820317	1
Stroke	ASPC	<i>SIRPB2</i>	-0.002833368	0.010722837	0.999820317	1
Stroke	ASPC	<i>SKIV2L</i>	-0.005012122	0.048970581	0.999820317	1
Stroke	ASPC	<i>SLC22A15</i>	-0.003253842	0.013714049	0.999820317	1
Stroke	ASPC	<i>SLC22A18</i>	-0.007063566	0.025629615	0.999820317	1
Stroke	ASPC	<i>SLC24A4</i>	-0.002801753	0.044011214	0.999820317	1
Stroke	ASPC	<i>SLC25A37</i>	-0.000835149	0.016516758	0.999820317	1

Stroke	ASPC	<i>SLC26A7</i>	0.004002742	0.031906161	0.999820317	1
Stroke	ASPC	<i>SLC36A1</i>	-0.002362796	0.030625833	0.999820317	1
Stroke	ASPC	<i>SLCO3A1</i>	-0.000487974	0.04711379	0.999820317	1
Stroke	ASPC	<i>SMCHD1</i>	-0.000447113	0.010601427	0.999820317	1
Stroke	ASPC	<i>SNX27</i>	-0.002056728	0.014515231	0.999820317	1
Stroke	ASPC	<i>STK25</i>	-0.005981893	0.019091631	0.999820317	1
Stroke	ASPC	<i>STX3</i>	-0.000598239	0.045533261	0.999820317	1
Stroke	ASPC	<i>SULF2</i>	-0.001654281	0.005575973	0.922770807	1
Stroke	ASPC	<i>SULT1B1</i>	-0.00542444	0.038700674	0.999820317	1
Stroke	ASPC	<i>TARS</i>	0.003837272	0.023549031	0.999820317	1
Stroke	ASPC	<i>TCHH</i>	-0.017816631	0.023508951	0.999820317	1
Stroke	ASPC	<i>TCP11</i>	-0.022142286	0.01561238	0.999820317	1
Stroke	ASPC	<i>TDRD9</i>	-0.012048475	0.001637218	0.815863326	1
Stroke	ASPC	<i>TFEB</i>	-0.002567191	0.014114581	0.999820317	1
Stroke	ASPC	<i>TGIF2</i>	-0.010144674	0.031667261	0.999820317	1
Stroke	ASPC	<i>TICAM2</i>	-0.020810998	0.044251197	0.999820317	1
Stroke	ASPC	<i>TMEM127</i>	-0.004928784	0.013002858	0.999820317	1
Stroke	ASPC	<i>TMEM170B</i>	-0.002379605	0.02140328	0.999820317	1
Stroke	ASPC	<i>TMEM18</i>	-0.007432143	0.019118607	0.999820317	1
Stroke	ASPC	<i>TNFRSF10C</i>	-0.001443092	0.016155011	0.999820317	1
Stroke	ASPC	<i>TNFSF10</i>	-0.001790828	0.015914102	0.999820317	1
Stroke	ASPC	<i>TRPM6</i>	-0.005312715	0.019000551	0.999820317	1
Stroke	ASPC	<i>TULP2</i>	-0.004065499	0.043908578	0.999820317	1
Stroke	ASPC	<i>TYK2</i>	-0.003797973	0.008231705	0.999820317	1
Stroke	ASPC	<i>TYMP</i>	-0.001713303	0.014614581	0.999820317	1
Stroke	ASPC	<i>UBASH3B</i>	-0.001839006	0.043977324	0.999820317	1
Stroke	ASPC	<i>UBN1</i>	-0.001350427	0.0133355	0.999820317	1
Stroke	ASPC	<i>UBR2</i>	-0.000867394	0.009882839	0.999820317	1
Stroke	ASPC	<i>URB1</i>	-0.004606842	0.033019291	0.999820317	1
Stroke	ASPC	<i>USP15</i>	-0.000752365	0.006633896	0.999820317	1
Stroke	ASPC	<i>VATIL</i>	-0.010030559	0.025069616	0.999820317	1
Stroke	ASPC	<i>VCAM1</i>	0.003400739	0.035340074	0.999820317	1
Stroke	ASPC	<i>VIM</i>	-0.000688858	0.046593376	0.999820317	1
Stroke	ASPC	<i>VMP1</i>	-0.000460272	0.025292808	0.999820317	1
Stroke	ASPC	<i>VNN2</i>	-0.001373589	0.029518607	0.999820317	1
Stroke	ASPC	<i>VNN3</i>	-0.003475667	0.029761056	0.999820317	1
Stroke	ASPC	<i>VPS29</i>	-0.001705235	0.005048786	0.91807866	1
Stroke	ASPC	<i>VPS37C</i>	-0.003153872	0.04202028	0.999820317	1
Stroke	ASPC	<i>VPS8</i>	-0.001331263	0.019513115	0.999820317	1
Stroke	ASPC	<i>VTG1A</i>	-0.000893792	0.031838291	0.999820317	1
Stroke	ASPC	<i>WDFY4</i>	-0.001031255	0.031437153	0.999820317	1
Stroke	ASPC	<i>XPO6</i>	-0.000784728	0.013646262	0.999820317	1
Stroke	ASPC	<i>XRCC2</i>	-0.009819082	0.03874548	0.999820317	1
Stroke	ASPC	<i>YTHDC2</i>	0.001032455	0.028854486	0.999820317	1
Stroke	ASPC	<i>ZC3H12C</i>	0.001591041	0.047932	0.999820317	1
Stroke	ASPC	<i>ZCWPW1</i>	-0.003751642	0.02933769	0.999820317	1
Stroke	ASPC	<i>ZNF143</i>	-0.002734533	0.03362414	0.999820317	1
Stroke	ASPC	<i>ZNF200</i>	-0.006881132	0.026893236	0.999820317	1
Stroke	ASPC	<i>ZNF483</i>	0.00408414	0.041450513	0.999820317	1
Stroke	ASPC	<i>ZNF646</i>	0.005959759	0.037062238	0.999820317	1
Stroke	ASPC	<i>ZNF717</i>	-0.004955138	0.002706499	0.815863326	1
Stroke	ASPC	<i>RPRML</i>	-0.003969572	0.04962525	0.999820317	1

Stroke	ASPC	<i>LCN2</i>	0.004751018	0.026855065	0.999820317	1
Stroke	b_cell	<i>ABCA7</i>	-0.00277572	0.023862487	0.999354173	1
Stroke	b_cell	<i>ABTB1</i>	-0.002798609	0.009101521	0.999354173	1
Stroke	b_cell	<i>ALDH6A1</i>	-0.00474407	0.048263192	0.999354173	1
Stroke	b_cell	<i>ALOX5</i>	-0.001115066	0.018581031	0.999354173	1
Stroke	b_cell	<i>ALPK1</i>	-0.001334759	0.010481572	0.999354173	1
Stroke	b_cell	<i>ANXA5</i>	-0.001627752	0.043382062	0.999354173	1
Stroke	b_cell	<i>AP1M1</i>	-0.003355229	0.032455861	0.999354173	1
Stroke	b_cell	<i>ARPC2</i>	-0.000834384	0.029093821	0.999354173	1
Stroke	b_cell	<i>ARPC5</i>	-0.001609316	0.024065483	0.999354173	1
Stroke	b_cell	<i>ASGR2</i>	-0.008716022	0.008125952	0.999354173	1
Stroke	b_cell	<i>ATP13A1</i>	-0.00370327	0.025305563	0.999354173	1
Stroke	b_cell	<i>B3GNTL1</i>	-0.005412915	0.000726678	0.999354173	1
Stroke	b_cell	<i>BAD</i>	-0.004321582	0.033183026	0.999354173	1
Stroke	b_cell	<i>BASP1</i>	-0.000901745	0.030695426	0.999354173	1
Stroke	b_cell	<i>C15orf61</i>	-0.007053817	0.013188321	0.999354173	1
Stroke	b_cell	<i>C5AR1</i>	-0.001162603	0.011299577	0.999354173	1
Stroke	b_cell	<i>C9orf66</i>	-0.006128535	0.014489889	0.999354173	1
Stroke	b_cell	<i>C9orf72</i>	-0.001363056	0.043417754	0.999354173	1
Stroke	b_cell	<i>CALHM2</i>	-0.003312492	0.042644131	0.999354173	1
Stroke	b_cell	<i>CAMLG</i>	-0.002860534	0.020364457	0.999354173	1
Stroke	b_cell	<i>CARD14</i>	-0.002649721	0.033784766	0.999354173	1
Stroke	b_cell	<i>CARD16</i>	-0.006172334	0.037924734	0.999354173	1
Stroke	b_cell	<i>CBL</i>	-0.001489715	0.029053277	0.999354173	1
Stroke	b_cell	<i>CD274</i>	-0.007052549	0.010590649	0.999354173	1
Stroke	b_cell	<i>CD82</i>	-0.002013658	0.048524674	0.999354173	1
Stroke	b_cell	<i>CDA</i>	-0.003114524	0.007442609	0.999354173	1
Stroke	b_cell	<i>CDC42EP1</i>	0.009147997	0.029067599	0.999354173	1
Stroke	b_cell	<i>CDH4</i>	-0.010784378	0.007916845	0.999354173	1
Stroke	b_cell	<i>CEACAM4</i>	-0.005814141	0.017678325	0.999354173	1
Stroke	b_cell	<i>CENPA</i>	-0.009043429	0.008140691	0.999354173	1
Stroke	b_cell	<i>CEP95</i>	-0.001746894	0.02772503	0.999354173	1
Stroke	b_cell	<i>CHI3L1</i>	-0.003161539	0.03552266	0.999354173	1
Stroke	b_cell	<i>CHMP3</i>	-0.00415364	0.02972122	0.999354173	1
Stroke	b_cell	<i>CHST11</i>	-0.000460675	0.019815639	0.999354173	1
Stroke	b_cell	<i>CHST15</i>	-0.000946065	0.014565163	0.999354173	1
Stroke	b_cell	<i>CLEC4E</i>	-0.001637281	0.019484456	0.999354173	1
Stroke	b_cell	<i>CNGA4</i>	0.011780705	0.042436166	0.999354173	1
Stroke	b_cell	<i>COL25A1</i>	0.000442646	0.022717415	0.999354173	1
Stroke	b_cell	<i>COMMD4</i>	0.004911028	0.006764304	0.999354173	1
Stroke	b_cell	<i>COTL1</i>	-0.002084514	0.007115249	0.999354173	1
Stroke	b_cell	<i>CPPED1</i>	-0.00069406	0.006724214	0.999354173	1
Stroke	b_cell	<i>CPQ</i>	-0.000666728	0.029062723	0.999354173	1
Stroke	b_cell	<i>CSTA</i>	-0.0093202	0.035145238	0.999354173	1
Stroke	b_cell	<i>CTSS</i>	-0.000785635	0.005736843	0.999354173	1
Stroke	b_cell	<i>CUX1</i>	-0.000939162	0.03835065	0.999354173	1
Stroke	b_cell	<i>CYP4A11</i>	-0.012321293	0.011575104	0.999354173	1
Stroke	b_cell	<i>DENND5A</i>	-0.001644554	0.001071257	0.999354173	1
Stroke	b_cell	<i>DHX34</i>	-0.00190684	0.017452488	0.999354173	1
Stroke	b_cell	<i>DOCK5</i>	-0.000467996	0.00958719	0.999354173	1
Stroke	b_cell	<i>DOK3</i>	-0.003097169	0.023913434	0.999354173	1
Stroke	b_cell	<i>DUSP18</i>	-0.003435333	0.037203536	0.999354173	1

Stroke	b_cell	<i>ELL</i>	-0.00193365	0.026640103	0.999354173	1
Stroke	b_cell	<i>ERGIC2</i>	-0.002635263	0.039673408	0.999354173	1
Stroke	b_cell	<i>ETV6</i>	-0.001034138	0.002707489	0.999354173	1
Stroke	b_cell	<i>FAM110A</i>	-0.004342149	0.030692605	0.999354173	1
Stroke	b_cell	<i>FAM19A2</i>	-0.002862639	0.018019343	0.999354173	1
Stroke	b_cell	<i>FANCF</i>	-0.008750913	0.000106836	0.638454686	0.638454686
Stroke	b_cell	<i>FBXL18</i>	0.003905131	0.021564237	0.999354173	1
Stroke	b_cell	<i>FCAR</i>	-0.003453785	0.013783362	0.999354173	1
Stroke	b_cell	<i>FPR1</i>	-0.001547072	0.007553106	0.999354173	1
Stroke	b_cell	<i>GLIPR1L1</i>	0.004052328	0.028421358	0.999354173	1
Stroke	b_cell	<i>GLIPR2</i>	-0.002052431	0.035750909	0.999354173	1
Stroke	b_cell	<i>GMCL1</i>	0.002972142	0.043862507	0.999354173	1
Stroke	b_cell	<i>GMIP</i>	-0.003227464	0.023180428	0.999354173	1
Stroke	b_cell	<i>GPHN</i>	0.000915896	0.037769221	0.999354173	1
Stroke	b_cell	<i>H3F3A</i>	-0.003124515	0.012403839	0.999354173	1
Stroke	b_cell	<i>HCLS1</i>	-0.00105695	0.031797686	0.999354173	1
Stroke	b_cell	<i>HIST1H4E</i>	-0.010830792	0.016155209	0.999354173	1
Stroke	b_cell	<i>IFRD1</i>	-0.001841067	0.023851533	0.999354173	1
Stroke	b_cell	<i>IGSF11</i>	-0.010384859	0.044337488	0.999354173	1
Stroke	b_cell	<i>IL17RA</i>	-0.001307799	0.02463672	0.999354173	1
Stroke	b_cell	<i>IL4</i>	-0.024576938	0.01023497	0.999354173	1
Stroke	b_cell	<i>IQGAP1</i>	-0.000835036	0.015510138	0.999354173	1
Stroke	b_cell	<i>KCNJ15</i>	-0.000561974	0.032420972	0.999354173	1
Stroke	b_cell	<i>LILRA2</i>	-0.006074782	0.037764588	0.999354173	1
Stroke	b_cell	<i>LILRB3</i>	-0.00185847	0.002939266	0.999354173	1
Stroke	b_cell	<i>LINC00910</i>	-0.011372746	0.021920657	0.999354173	1
Stroke	b_cell	<i>LINC00920</i>	-0.015129473	0.040938793	0.999354173	1
Stroke	b_cell	<i>LINC00937</i>	-0.005506434	0.001853059	0.999354173	1
Stroke	b_cell	<i>LINC00959</i>	0.003306895	0.046410086	0.999354173	1
Stroke	b_cell	<i>LITAF</i>	-0.000667712	0.027133821	0.999354173	1
Stroke	b_cell	<i>LRMP</i>	-0.001155641	0.014955706	0.999354173	1
Stroke	b_cell	<i>LRRC25</i>	-0.006294794	0.002727034	0.999354173	1
Stroke	b_cell	<i>LRRK2</i>	-0.00052982	0.021199041	0.999354173	1
Stroke	b_cell	<i>MAP3K5</i>	-0.000826485	0.042432612	0.999354173	1
Stroke	b_cell	<i>MAPK14</i>	-0.001585965	0.0148778	0.999354173	1
Stroke	b_cell	<i>MAPRE1</i>	-0.003884785	0.036864833	0.999354173	1
Stroke	b_cell	<i>MARK3</i>	-0.000856821	0.01854491	0.999354173	1
Stroke	b_cell	<i>MEGF9</i>	-0.000863842	0.014328995	0.999354173	1
Stroke	b_cell	<i>MFSD5</i>	-0.008507761	0.003506852	0.999354173	1
Stroke	b_cell	<i>MICAL1</i>	-0.003891991	0.046125529	0.999354173	1
Stroke	b_cell	<i>MICAL2</i>	-0.002253364	0.006290508	0.999354173	1
Stroke	b_cell	<i>MMP25</i>	-0.001794513	0.048665553	0.999354173	1
Stroke	b_cell	<i>MRPL47</i>	-0.004113037	0.019462718	0.999354173	1
Stroke	b_cell	<i>MX2</i>	-0.001134501	0.01488525	0.999354173	1
Stroke	b_cell	<i>MYO1F</i>	-0.000409986	0.028626406	0.999354173	1
Stroke	b_cell	<i>NACCI</i>	0.008150785	0.023307437	0.999354173	1
Stroke	b_cell	<i>NDE1</i>	-0.001157072	0.027510976	0.999354173	1
Stroke	b_cell	<i>NEAT1</i>	-0.000323042	0.019576451	0.999354173	1
Stroke	b_cell	<i>NELFE</i>	-0.00528532	0.048784402	0.999354173	1
Stroke	b_cell	<i>NLRC4</i>	-0.003552896	0.027493739	0.999354173	1
Stroke	b_cell	<i>NR1H3</i>	0.002897111	0.031594008	0.999354173	1
Stroke	b_cell	<i>NT5C2</i>	-0.001175543	0.011406239	0.999354173	1

Stroke	b_cell	<i>OGFRL1</i>	-0.001928449	0.023655808	0.999354173	1
Stroke	b_cell	<i>OSCAR</i>	-0.003949061	0.006775559	0.999354173	1
Stroke	b_cell	<i>PADI2</i>	-0.003383266	0.036504308	0.999354173	1
Stroke	b_cell	<i>PADI4</i>	-0.001650199	0.047229963	0.999354173	1
Stroke	b_cell	<i>PAOX</i>	0.006653884	0.008989813	0.999354173	1
Stroke	b_cell	<i>PCSK4</i>	0.007173189	0.0287275	0.999354173	1
Stroke	b_cell	<i>PHC1</i>	0.010459417	0.001379446	0.999354173	1
Stroke	b_cell	<i>PHF20L1</i>	-0.001430662	0.047144909	0.999354173	1
Stroke	b_cell	<i>PIAS1</i>	-0.000971913	0.005388277	0.999354173	1
Stroke	b_cell	<i>PIK3R4</i>	0.002201995	0.019372442	0.999354173	1
Stroke	b_cell	<i>PILRA</i>	-0.001719113	0.00193904	0.999354173	1
Stroke	b_cell	<i>PMS2</i>	-0.004892039	0.045363795	0.999354173	1
Stroke	b_cell	<i>POLM</i>	-0.004974275	0.026062176	0.999354173	1
Stroke	b_cell	<i>POLR2E</i>	-0.004960564	0.008008994	0.999354173	1
Stroke	b_cell	<i>PPP1R14B</i>	-0.00797826	0.031198527	0.999354173	1
Stroke	b_cell	<i>PPT1</i>	-0.004153502	0.006788396	0.999354173	1
Stroke	b_cell	<i>PRAMI</i>	-0.002192872	0.013873456	0.999354173	1
Stroke	b_cell	<i>PTAFR</i>	-0.003282507	0.032614703	0.999354173	1
Stroke	b_cell	<i>PTBP3</i>	-0.000995893	0.044333905	0.999354173	1
Stroke	b_cell	<i>PUS10</i>	0.002602005	0.047623733	0.999354173	1
Stroke	b_cell	<i>RAF1</i>	-0.002584595	0.001481273	0.999354173	1
Stroke	b_cell	<i>RASAL1</i>	-0.023943232	0.03338035	0.999354173	1
Stroke	b_cell	<i>RELL1</i>	-0.002229956	0.004492714	0.999354173	1
Stroke	b_cell	<i>RGS18</i>	-0.002608302	0.004195521	0.999354173	1
Stroke	b_cell	<i>RGS19</i>	-0.003403648	0.039772372	0.999354173	1
Stroke	b_cell	<i>RGS2</i>	-0.00143228	0.020423203	0.999354173	1
Stroke	b_cell	<i>RICTOR</i>	-0.000685952	0.040097535	0.999354173	1
Stroke	b_cell	<i>RIPK2</i>	-0.002536402	0.041143001	0.999354173	1
Stroke	b_cell	<i>RIT1</i>	-0.006093601	0.046986941	0.999354173	1
Stroke	b_cell	<i>RNF130</i>	-0.000777498	0.023924997	0.999354173	1
Stroke	b_cell	<i>RNF149</i>	-0.000579487	0.00792007	0.999354173	1
Stroke	b_cell	<i>RNF24</i>	-0.000438409	0.032502807	0.999354173	1
Stroke	b_cell	<i>RRN3</i>	0.005421485	0.021049678	0.999354173	1
Stroke	b_cell	<i>RRP12</i>	-0.003278974	0.015083835	0.999354173	1
Stroke	b_cell	<i>RTN3</i>	-0.001055953	0.049859572	0.999354173	1
Stroke	b_cell	<i>SI00A4</i>	-0.001269174	0.043826147	0.999354173	1
Stroke	b_cell	<i>SI00A8</i>	-0.00206079	0.023098493	0.999354173	1
Stroke	b_cell	<i>SI00A9</i>	-0.001303911	0.023436967	0.999354173	1
Stroke	b_cell	<i>SAMD9L</i>	-0.001639755	0.043287444	0.999354173	1
Stroke	b_cell	<i>SCOC</i>	-0.007933863	0.020667282	0.999354173	1
Stroke	b_cell	<i>SEMA4D</i>	-0.000918015	0.035013402	0.999354173	1
Stroke	b_cell	<i>SIRPB1</i>	-0.011436051	0.000795488	0.999354173	1
Stroke	b_cell	<i>SIRPB2</i>	-0.002837332	0.010589176	0.999354173	1
Stroke	b_cell	<i>SLC22A15</i>	-0.002670795	0.04319223	0.999354173	1
Stroke	b_cell	<i>SLC22A18</i>	-0.006653279	0.03587631	0.999354173	1
Stroke	b_cell	<i>SLC24A4</i>	-0.003090478	0.026293517	0.999354173	1
Stroke	b_cell	<i>SLC25A37</i>	-0.000762314	0.028714109	0.999354173	1
Stroke	b_cell	<i>SLC35C2</i>	0.00240543	0.007072837	0.999354173	1
Stroke	b_cell	<i>SLC36A1</i>	-0.002333347	0.032894054	0.999354173	1
Stroke	b_cell	<i>SLC44A2</i>	-0.001705992	0.037464699	0.999354173	1
Stroke	b_cell	<i>SLC5A11</i>	-0.00560267	0.030959015	0.999354173	1
Stroke	b_cell	<i>SLCO3A1</i>	-0.000574108	0.019371718	0.999354173	1

Stroke	b_cell	<i>SMCHD1</i>	-0.000424419	0.01527921	0.999354173	1
Stroke	b_cell	<i>SMG9</i>	-0.003281994	0.033162825	0.999354173	1
Stroke	b_cell	<i>SRSF10</i>	0.001089017	0.03622822	0.999354173	1
Stroke	b_cell	<i>SULT1B1</i>	-0.007610304	0.003692471	0.999354173	1
Stroke	b_cell	<i>SYK</i>	-0.000616714	0.018027511	0.999354173	1
Stroke	b_cell	<i>SYT7</i>	0.017816628	0.000605056	0.999354173	1
Stroke	b_cell	<i>TALDO1</i>	-0.002756812	0.039427856	0.999354173	1
Stroke	b_cell	<i>TBL2</i>	-0.005452083	0.016854549	0.999354173	1
Stroke	b_cell	<i>TCTEX1D1</i>	-0.011892668	0.004597578	0.999354173	1
Stroke	b_cell	<i>TDRD9</i>	-0.010512	0.005934146	0.999354173	1
Stroke	b_cell	<i>TGIF2</i>	-0.009953786	0.035022828	0.999354173	1
Stroke	b_cell	<i>TGOLN2</i>	-0.001295617	0.047362223	0.999354173	1
Stroke	b_cell	<i>TICAM1</i>	-0.010055417	0.011586423	0.999354173	1
Stroke	b_cell	<i>TLR5</i>	-0.002942766	0.038471195	0.999354173	1
Stroke	b_cell	<i>TMEM127</i>	-0.004132399	0.037021685	0.999354173	1
Stroke	b_cell	<i>TMEM45B</i>	-0.013654006	0.004648459	0.999354173	1
Stroke	b_cell	<i>TMEM91</i>	-0.007383812	0.033608541	0.999354173	1
Stroke	b_cell	<i>TNFRSF10C</i>	-0.001256516	0.036249333	0.999354173	1
Stroke	b_cell	<i>TNFSF10</i>	-0.001504678	0.043216581	0.999354173	1
Stroke	b_cell	<i>TRAPPC5</i>	-0.011112263	0.015987825	0.999354173	1
Stroke	b_cell	<i>TRIM9</i>	-0.011750199	0.043211434	0.999354173	1
Stroke	b_cell	<i>TSPAN15</i>	0.001810744	0.031674841	0.999354173	1
Stroke	b_cell	<i>TSPYL1</i>	-0.006938424	0.009005654	0.999354173	1
Stroke	b_cell	<i>TUBB8</i>	-0.012917767	0.004088404	0.999354173	1
Stroke	b_cell	<i>TYK2</i>	-0.003008773	0.036436478	0.999354173	1
Stroke	b_cell	<i>TYMP</i>	-0.001729429	0.013675156	0.999354173	1
Stroke	b_cell	<i>UBN1</i>	-0.001217074	0.025784779	0.999354173	1
Stroke	b_cell	<i>UBR4</i>	0.001794428	0.049189644	0.999354173	1
Stroke	b_cell	<i>USP15</i>	-0.000723279	0.009067392	0.999354173	1
Stroke	b_cell	<i>VAT1</i>	-0.005997499	0.024623522	0.999354173	1
Stroke	b_cell	<i>VATIL</i>	-0.009217844	0.039769409	0.999354173	1
Stroke	b_cell	<i>VIM</i>	-0.000808597	0.01938224	0.999354173	1
Stroke	b_cell	<i>VNN2</i>	-0.001431237	0.023375903	0.999354173	1
Stroke	b_cell	<i>VNN3</i>	-0.00418432	0.008917697	0.999354173	1
Stroke	b_cell	<i>WIPF1</i>	-0.000714573	0.039314087	0.999354173	1
Stroke	b_cell	<i>XAB2</i>	-0.006359211	0.038663961	0.999354173	1
Stroke	b_cell	<i>XRCC2</i>	-0.009444051	0.047304244	0.999354173	1
Stroke	b_cell	<i>YJEFN3</i>	-0.011894624	0.028440499	0.999354173	1
Stroke	b_cell	<i>ZCWPW1</i>	-0.003643611	0.03447285	0.999354173	1
Stroke	b_cell	<i>ZNF200</i>	-0.007528533	0.015447468	0.999354173	1
Stroke	b_cell	<i>ZNF33A</i>	-0.002162421	0.024018022	0.999354173	1
Stroke	b_cell	<i>ZNF436</i>	0.007379715	0.021525151	0.999354173	1
Stroke	b_cell	<i>ZNF443</i>	0.023411329	0.014474445	0.999354173	1
Stroke	b_cell	<i>TP53TG3D</i>	-0.033066257	0.014664503	0.999354173	1
Stroke	b_cell	<i>RASA4B</i>	-0.003965536	0.046124607	0.999354173	1
Stroke	dendritic_cell	<i>ABTB1</i>	-0.002306131	0.031559446	0.999627071	1
Stroke	dendritic_cell	<i>AC026740.1</i>	-0.003416091	0.032406217	0.999627071	1
Stroke	dendritic_cell	<i>AGER</i>	-0.007570586	0.011119643	0.90188011	1
Stroke	dendritic_cell	<i>AGO1</i>	-0.005258251	0.021979319	0.973901498	1
Stroke	dendritic_cell	<i>ALOX5</i>	-0.001236378	0.009064442	0.865160542	1
Stroke	dendritic_cell	<i>ALPK1</i>	-0.001419978	0.006472955	0.865160542	1
Stroke	dendritic_cell	<i>ANKRD13D</i>	-0.002211393	0.034410521	0.999627071	1

Stroke	dendritic_cell	<i>ANKRD26</i>	0.002788013	0.019744281	0.943619638	1
Stroke	dendritic_cell	<i>ANTXR2</i>	-0.001018896	0.0121562	0.903383864	1
Stroke	dendritic_cell	<i>APAF1</i>	-0.001980008	0.005938385	0.865160542	1
Stroke	dendritic_cell	<i>APBB1IP</i>	-0.000420099	0.04928131	0.999627071	1
Stroke	dendritic_cell	<i>ARFIP1</i>	-0.001570256	0.02333999	0.974405956	1
Stroke	dendritic_cell	<i>ARHGAP9</i>	-0.002569511	0.020527201	0.943619638	1
Stroke	dendritic_cell	<i>ARMC9</i>	0.004368393	0.028633768	0.999627071	1
Stroke	dendritic_cell	<i>ARPC5</i>	-0.001470317	0.039733271	0.999627071	1
Stroke	dendritic_cell	<i>ARRB1</i>	-0.001686733	0.048821665	0.999627071	1
Stroke	dendritic_cell	<i>ATXN2</i>	0.000911996	0.010449058	0.879486938	1
Stroke	dendritic_cell	<i>B3GNTL1</i>	-0.004891258	0.002238512	0.865160542	1
Stroke	dendritic_cell	<i>BASP1</i>	-0.001086165	0.009198555	0.865160542	1
Stroke	dendritic_cell	<i>BBC3</i>	-0.011329972	0.019498851	0.943619638	1
Stroke	dendritic_cell	<i>BODIL1</i>	-0.001959837	0.02837655	0.999627071	1
Stroke	dendritic_cell	<i>C15orf61</i>	-0.00643004	0.023479662	0.974405956	1
Stroke	dendritic_cell	<i>C2orf69</i>	0.002785625	0.013421242	0.915644294	1
Stroke	dendritic_cell	<i>C5AR1</i>	-0.000992082	0.030548523	0.999627071	1
Stroke	dendritic_cell	<i>C9orf66</i>	-0.006462705	0.009820689	0.865160542	1
Stroke	dendritic_cell	<i>C9orf72</i>	-0.001575283	0.019665282	0.943619638	1
Stroke	dendritic_cell	<i>CAPZA2</i>	-0.002181348	0.039113468	0.999627071	1
Stroke	dendritic_cell	<i>CARD16</i>	-0.007830096	0.008454337	0.865160542	1
Stroke	dendritic_cell	<i>CASP8</i>	-0.001186474	0.042718698	0.999627071	1
Stroke	dendritic_cell	<i>CBL</i>	-0.001708945	0.012317376	0.903383864	1
Stroke	dendritic_cell	<i>CCDC125</i>	-0.002375874	0.040058266	0.999627071	1
Stroke	dendritic_cell	<i>CCDC17</i>	-0.015893298	0.014503764	0.93015611	1
Stroke	dendritic_cell	<i>CCDC61</i>	-0.007906085	0.04657176	0.999627071	1
Stroke	dendritic_cell	<i>CD14</i>	-0.001758166	0.044151353	0.999627071	1
Stroke	dendritic_cell	<i>CDA</i>	-0.002764459	0.017461032	0.940064184	1
Stroke	dendritic_cell	<i>CDHR3</i>	0.001838296	0.038522904	0.999627071	1
Stroke	dendritic_cell	<i>CDK19</i>	-0.001452752	0.022388923	0.974405956	1
Stroke	dendritic_cell	<i>CEACAM4</i>	-0.007534289	0.002111928	0.865160542	1
Stroke	dendritic_cell	<i>CENPW</i>	-0.008802629	0.041790656	0.999627071	1
Stroke	dendritic_cell	<i>CHI3L1</i>	-0.003605518	0.016436511	0.93015611	1
Stroke	dendritic_cell	<i>CHRD12</i>	-0.010658727	0.044842453	0.999627071	1
Stroke	dendritic_cell	<i>CHST11</i>	-0.000473412	0.016631214	0.93015611	1
Stroke	dendritic_cell	<i>CHST15</i>	-0.001001818	0.009666756	0.865160542	1
Stroke	dendritic_cell	<i>CLEC4E</i>	-0.001821832	0.00928563	0.865160542	1
Stroke	dendritic_cell	<i>CNGA1</i>	0.002722918	0.042224754	0.999627071	1
Stroke	dendritic_cell	<i>COPE</i>	-0.002652947	0.042293293	0.999627071	1
Stroke	dendritic_cell	<i>COTL1</i>	-0.00263311	0.000682832	0.865160542	1
Stroke	dendritic_cell	<i>CPPED1</i>	-0.000795345	0.00188817	0.865160542	1
Stroke	dendritic_cell	<i>CPQ</i>	-0.000673473	0.027425906	0.999627071	1
Stroke	dendritic_cell	<i>CSTA</i>	-0.011565161	0.008872592	0.865160542	1
Stroke	dendritic_cell	<i>CTBS</i>	-0.001958762	0.03858841	0.999627071	1
Stroke	dendritic_cell	<i>CTSS</i>	-0.000888248	0.001785304	0.865160542	1
Stroke	dendritic_cell	<i>DENND5A</i>	-0.001370575	0.006421466	0.865160542	1
Stroke	dendritic_cell	<i>DHRS12</i>	0.004032633	0.033321858	0.999627071	1
Stroke	dendritic_cell	<i>DHX34</i>	-0.002208538	0.005862948	0.865160542	1
Stroke	dendritic_cell	<i>DOCK5</i>	-0.000510467	0.004693865	0.865160542	1
Stroke	dendritic_cell	<i>DOK3</i>	-0.002884477	0.0357279	0.999627071	1
Stroke	dendritic_cell	<i>DPY19L4</i>	0.00375062	0.029124809	0.999627071	1
Stroke	dendritic_cell	<i>DSCAML1</i>	0.002078301	0.025310478	0.999627071	1

Stroke	dendritic_cell	<i>EBLN2</i>	-0.006177039	0.009753617	0.865160542	1
Stroke	dendritic_cell	<i>ELL</i>	-0.002005428	0.021511742	0.970170798	1
Stroke	dendritic_cell	<i>EMG1</i>	0.008306466	0.008808076	0.865160542	1
Stroke	dendritic_cell	<i>ENOSF1</i>	0.001411716	0.031040613	0.999627071	1
Stroke	dendritic_cell	<i>EPHB1</i>	-0.000598999	0.02703899	0.999627071	1
Stroke	dendritic_cell	<i>ERGIC2</i>	-0.002902304	0.023424527	0.974405956	1
Stroke	dendritic_cell	<i>ETV6</i>	-0.001040954	0.002545746	0.865160542	1
Stroke	dendritic_cell	<i>EXOC3</i>	-0.003440375	0.006102857	0.865160542	1
Stroke	dendritic_cell	<i>EYA3</i>	-0.002231954	0.028570781	0.999627071	1
Stroke	dendritic_cell	<i>F2RL1</i>	-0.027614296	0.022000787	0.973901498	1
Stroke	dendritic_cell	<i>FAM110A</i>	-0.004271372	0.033514115	0.999627071	1
Stroke	dendritic_cell	<i>FAM118A</i>	-0.003529705	0.029058346	0.999627071	1
Stroke	dendritic_cell	<i>FAM162A</i>	-0.003079218	0.017112202	0.93015611	1
Stroke	dendritic_cell	<i>FAM19A2</i>	-0.003081156	0.010840107	0.899728862	1
Stroke	dendritic_cell	<i>FCAR</i>	-0.003422863	0.014645702	0.93015611	1
Stroke	dendritic_cell	<i>FCN1</i>	-0.000848668	0.049892733	0.999627071	1
Stroke	dendritic_cell	<i>FPR1</i>	-0.001683746	0.003626276	0.865160542	1
Stroke	dendritic_cell	<i>GALNT14</i>	-0.003920195	0.016078537	0.93015611	1
Stroke	dendritic_cell	<i>GDPD3</i>	-0.006200381	0.036664291	0.999627071	1
Stroke	dendritic_cell	<i>GLIPR1</i>	-0.001893756	0.022836178	0.974405956	1
Stroke	dendritic_cell	<i>GLIPR2</i>	-0.002273956	0.019957709	0.943619638	1
Stroke	dendritic_cell	<i>GLOD4</i>	-0.007297108	0.017785999	0.943619638	1
Stroke	dendritic_cell	<i>GPANK1</i>	-0.005819125	0.044995227	0.999627071	1
Stroke	dendritic_cell	<i>GRAMD1C</i>	-0.002637336	0.034091837	0.999627071	1
Stroke	dendritic_cell	<i>GSK3B</i>	-0.001461462	0.037363463	0.999627071	1
Stroke	dendritic_cell	<i>H3F3A</i>	-0.002594287	0.037555294	0.999627071	1
Stroke	dendritic_cell	<i>HCLS1</i>	-0.001247207	0.01131935	0.90188011	1
Stroke	dendritic_cell	<i>HIST1H4E</i>	-0.01237526	0.006030164	0.865160542	1
Stroke	dendritic_cell	<i>HLA-DQA2</i>	-0.003554444	0.03371948	0.999627071	1
Stroke	dendritic_cell	<i>HLA-DQB2</i>	-0.008600653	0.000483066	0.865160542	1
Stroke	dendritic_cell	<i>IFITM1</i>	-0.006253757	0.032300162	0.999627071	1
Stroke	dendritic_cell	<i>IFNAR2</i>	-0.001124675	0.023106269	0.974405956	1
Stroke	dendritic_cell	<i>IKBIP</i>	-0.001920067	0.006009004	0.865160542	1
Stroke	dendritic_cell	<i>IL17RA</i>	-0.001388166	0.017121347	0.93015611	1
Stroke	dendritic_cell	<i>IL4</i>	-0.021437574	0.025166964	0.999627071	1
Stroke	dendritic_cell	<i>KCNE3</i>	-0.004448211	0.046748244	0.999627071	1
Stroke	dendritic_cell	<i>KCNJ15</i>	-0.000621605	0.017883947	0.943619638	1
Stroke	dendritic_cell	<i>KIAA0930</i>	-0.003203159	0.040150123	0.999627071	1
Stroke	dendritic_cell	<i>KLF14</i>	-0.015777724	0.019761866	0.943619638	1
Stroke	dendritic_cell	<i>LAMTOR4</i>	-0.002888766	0.031407296	0.999627071	1
Stroke	dendritic_cell	<i>LAPTM5</i>	-0.001486652	0.049672868	0.999627071	1
Stroke	dendritic_cell	<i>LDHA</i>	0.002888847	0.01685672	0.93015611	1
Stroke	dendritic_cell	<i>LGALS2</i>	-0.005784029	0.032958211	0.999627071	1
Stroke	dendritic_cell	<i>LILRA2</i>	-0.00577269	0.048265201	0.999627071	1
Stroke	dendritic_cell	<i>LILRA6</i>	-0.006432552	0.003419398	0.865160542	1
Stroke	dendritic_cell	<i>LILRB2</i>	-0.002292502	0.040262965	0.999627071	1
Stroke	dendritic_cell	<i>LILRB3</i>	-0.001805199	0.003844701	0.865160542	1
Stroke	dendritic_cell	<i>LINC00937</i>	-0.005261501	0.002923255	0.865160542	1
Stroke	dendritic_cell	<i>LINC00969</i>	0.001715391	0.022181826	0.974405956	1
Stroke	dendritic_cell	<i>LIPC</i>	-0.004349245	0.041305113	0.999627071	1
Stroke	dendritic_cell	<i>LITAF</i>	-0.000710988	0.01855798	0.943619638	1
Stroke	dendritic_cell	<i>LPCAT2</i>	-0.001796882	0.014838885	0.93015611	1

Stroke	dendritic_cell	<i>LRMP</i>	-0.00121647	0.01036371	0.879486938	1
Stroke	dendritic_cell	<i>LRRC25</i>	-0.005551517	0.008206033	0.865160542	1
Stroke	dendritic_cell	<i>LRRC27</i>	0.004989056	0.016649751	0.93015611	1
Stroke	dendritic_cell	<i>LRRC59</i>	-0.004272218	0.015868698	0.93015611	1
Stroke	dendritic_cell	<i>LRRK2</i>	-0.000709389	0.002022886	0.865160542	1
Stroke	dendritic_cell	<i>LSMEM1</i>	-0.008874905	0.011664649	0.90188011	1
Stroke	dendritic_cell	<i>LYZ</i>	-0.000981702	0.020422222	0.943619638	1
Stroke	dendritic_cell	<i>MAK16</i>	-0.00519836	0.009844531	0.865160542	1
Stroke	dendritic_cell	<i>MAP2K4</i>	-0.001845368	0.041001235	0.999627071	1
Stroke	dendritic_cell	<i>MAP3K11</i>	-0.004127014	0.036199268	0.999627071	1
Stroke	dendritic_cell	<i>MAP3K5</i>	-0.000917515	0.024236696	0.992044501	1
Stroke	dendritic_cell	<i>MAPK14</i>	-0.001538283	0.018164777	0.943619638	1
Stroke	dendritic_cell	<i>MAPRE1</i>	-0.004046716	0.029575728	0.999627071	1
Stroke	dendritic_cell	<i>MCTP1</i>	-0.000480829	0.031037898	0.999627071	1
Stroke	dendritic_cell	<i>MEGF9</i>	-0.000756108	0.031960979	0.999627071	1
Stroke	dendritic_cell	<i>MEST</i>	0.001888432	0.019034304	0.943619638	1
Stroke	dendritic_cell	<i>METAP1</i>	0.004538707	0.044523059	0.999627071	1
Stroke	dendritic_cell	<i>MICAL2</i>	-0.002169448	0.008455858	0.865160542	1
Stroke	dendritic_cell	<i>MLKL</i>	-0.002057089	0.045308693	0.999627071	1
Stroke	dendritic_cell	<i>MMP25</i>	-0.001982924	0.029310646	0.999627071	1
Stroke	dendritic_cell	<i>MOB1A</i>	-0.002178174	0.009373174	0.865160542	1
Stroke	dendritic_cell	<i>MOB3A</i>	-0.00149415	0.045576679	0.999627071	1
Stroke	dendritic_cell	<i>MPND</i>	0.00886628	0.02159182	0.970170798	1
Stroke	dendritic_cell	<i>MRPL35</i>	-0.006929408	0.023730671	0.978030947	1
Stroke	dendritic_cell	<i>MTMR3</i>	-0.00145571	0.013943044	0.915644294	1
Stroke	dendritic_cell	<i>MUC4</i>	0.007222309	0.042510255	0.999627071	1
Stroke	dendritic_cell	<i>MX2</i>	-0.001232342	0.008119595	0.865160542	1
Stroke	dendritic_cell	<i>MYO1F</i>	-0.000409988	0.028573373	0.999627071	1
Stroke	dendritic_cell	<i>NDE1</i>	-0.001258214	0.016504362	0.93015611	1
Stroke	dendritic_cell	<i>NEAT1</i>	-0.000348027	0.011922013	0.90188011	1
Stroke	dendritic_cell	<i>NFYC</i>	-0.001636523	0.040180068	0.999627071	1
Stroke	dendritic_cell	<i>NOC2L</i>	0.003573099	0.044317342	0.999627071	1
Stroke	dendritic_cell	<i>NOV</i>	-0.006662477	0.008057256	0.865160542	1
Stroke	dendritic_cell	<i>NPC1L1</i>	-0.012609988	0.036429172	0.999627071	1
Stroke	dendritic_cell	<i>NT5C2</i>	-0.001323675	0.004410015	0.865160542	1
Stroke	dendritic_cell	<i>NTNG2</i>	-0.005755925	0.043114836	0.999627071	1
Stroke	dendritic_cell	<i>NUAK2</i>	-0.006010532	0.011922445	0.90188011	1
Stroke	dendritic_cell	<i>ODF3B</i>	-0.004380308	0.046074452	0.999627071	1
Stroke	dendritic_cell	<i>OGFRL1</i>	-0.002227085	0.008992088	0.865160542	1
Stroke	dendritic_cell	<i>OSCAR</i>	-0.004396453	0.00257281	0.865160542	1
Stroke	dendritic_cell	<i>PADI2</i>	-0.004636491	0.004146961	0.865160542	1
Stroke	dendritic_cell	<i>PADI4</i>	-0.002063733	0.013033481	0.915644294	1
Stroke	dendritic_cell	<i>PAX6</i>	-0.010069959	0.048500168	0.999627071	1
Stroke	dendritic_cell	<i>PDF</i>	-0.039136316	0.008094656	0.865160542	1
Stroke	dendritic_cell	<i>PGS1</i>	-0.002968308	0.011543337	0.90188011	1
Stroke	dendritic_cell	<i>PHIP</i>	-0.0012249	0.03506845	0.999627071	1
Stroke	dendritic_cell	<i>PIAS1</i>	-0.001000291	0.00417819	0.865160542	1
Stroke	dendritic_cell	<i>PILRB</i>	0.002754304	0.027767901	0.999627071	1
Stroke	dendritic_cell	<i>PLCB2</i>	-0.003218826	0.013735223	0.915644294	1
Stroke	dendritic_cell	<i>PLCXD3</i>	0.005957591	0.02326107	0.974405956	1
Stroke	dendritic_cell	<i>PLEC</i>	-0.00192755	0.030466749	0.999627071	1
Stroke	dendritic_cell	<i>PLEKHS1</i>	-0.021867293	0.024448997	0.993926562	1

Stroke	dendritic_cell	<i>PLGRKT</i>	-0.002656681	0.039991114	0.999627071	1
Stroke	dendritic_cell	<i>PPCDC</i>	-0.000973042	0.019748856	0.943619638	1
Stroke	dendritic_cell	<i>PPMIF</i>	-0.002705126	0.012672337	0.912408255	1
Stroke	dendritic_cell	<i>PPT1</i>	-0.004032967	0.008551571	0.865160542	1
Stroke	dendritic_cell	<i>PPTC7</i>	-0.00252345	0.015295022	0.93015611	1
Stroke	dendritic_cell	<i>PRAMI</i>	-0.002569215	0.003946042	0.865160542	1
Stroke	dendritic_cell	<i>PROZ</i>	0.018000804	0.009349299	0.865160542	1
Stroke	dendritic_cell	<i>PSEN1</i>	-0.001840734	0.03859209	0.999627071	1
Stroke	dendritic_cell	<i>PSTPIP1</i>	-0.002402227	0.04000126	0.999627071	1
Stroke	dendritic_cell	<i>PTAFR</i>	-0.004526681	0.003232074	0.865160542	1
Stroke	dendritic_cell	<i>PTPN12</i>	0.001328734	0.020406077	0.943619638	1
Stroke	dendritic_cell	<i>PTPRJ</i>	-0.000616984	0.011841925	0.90188011	1
Stroke	dendritic_cell	<i>PUS3</i>	-0.009384294	0.0149832	0.93015611	1
Stroke	dendritic_cell	<i>RCBTB2</i>	-0.002032189	0.032080753	0.999627071	1
Stroke	dendritic_cell	<i>RELL1</i>	-0.002132956	0.006454756	0.865160542	1
Stroke	dendritic_cell	<i>RFC3</i>	0.002530511	0.032054122	0.999627071	1
Stroke	dendritic_cell	<i>RGS18</i>	-0.002481262	0.006373942	0.865160542	1
Stroke	dendritic_cell	<i>RGS2</i>	-0.001759526	0.004362784	0.865160542	1
Stroke	dendritic_cell	<i>RILPL2</i>	-0.002462335	0.007014036	0.865160542	1
Stroke	dendritic_cell	<i>RIPK2</i>	-0.002749459	0.026865789	0.999627071	1
Stroke	dendritic_cell	<i>RT1</i>	-0.006025991	0.048972979	0.999627071	1
Stroke	dendritic_cell	<i>RNF130</i>	-0.000905511	0.008536546	0.865160542	1
Stroke	dendritic_cell	<i>RNF149</i>	-0.000594305	0.006440802	0.865160542	1
Stroke	dendritic_cell	<i>RNF24</i>	-0.00055098	0.007167135	0.865160542	1
Stroke	dendritic_cell	<i>RPS11</i>	-0.001296319	0.037546359	0.999627071	1
Stroke	dendritic_cell	<i>RRP12</i>	-0.00286035	0.03398851	0.999627071	1
Stroke	dendritic_cell	<i>RTCA</i>	0.003604809	0.033968862	0.999627071	1
Stroke	dendritic_cell	<i>RTN3</i>	-0.001255698	0.019625376	0.943619638	1
Stroke	dendritic_cell	<i>SI00A8</i>	-0.002397602	0.008176209	0.865160542	1
Stroke	dendritic_cell	<i>SI00A9</i>	-0.001595481	0.00553052	0.865160542	1
Stroke	dendritic_cell	<i>SAMD9</i>	-0.00265702	0.024876563	0.999627071	1
Stroke	dendritic_cell	<i>SAMD9L</i>	-0.00169798	0.036365309	0.999627071	1
Stroke	dendritic_cell	<i>SAYS1</i>	-0.005124237	0.036757852	0.999627071	1
Stroke	dendritic_cell	<i>SEMA4D</i>	-0.000947009	0.029608235	0.999627071	1
Stroke	dendritic_cell	<i>SIRPB1</i>	-0.007853447	0.021238634	0.968870832	1
Stroke	dendritic_cell	<i>SIRPB2</i>	-0.003068846	0.005685702	0.865160542	1
Stroke	dendritic_cell	<i>SKIV2L2</i>	0.001324184	0.049844466	0.999627071	1
Stroke	dendritic_cell	<i>SLC16A4</i>	0.002361385	0.027349908	0.999627071	1
Stroke	dendritic_cell	<i>SLC22A15</i>	-0.00289865	0.02803758	0.999627071	1
Stroke	dendritic_cell	<i>SLC25A37</i>	-0.000831642	0.016935423	0.93015611	1
Stroke	dendritic_cell	<i>SLC25A44</i>	-0.00847549	0.028786991	0.999627071	1
Stroke	dendritic_cell	<i>SLC36A1</i>	-0.00293977	0.007161932	0.865160542	1
Stroke	dendritic_cell	<i>SMCHD1</i>	-0.000422309	0.015731904	0.93015611	1
Stroke	dendritic_cell	<i>SNHG8</i>	-0.004808369	0.004315253	0.865160542	1
Stroke	dendritic_cell	<i>SNX10</i>	-0.001507411	0.046507177	0.999627071	1
Stroke	dendritic_cell	<i>SPECC1L</i>	-0.009184099	0.013921178	0.915644294	1
Stroke	dendritic_cell	<i>SRSF10</i>	0.001086999	0.0367133	0.999627071	1
Stroke	dendritic_cell	<i>STK25</i>	-0.006760539	0.008193877	0.865160542	1
Stroke	dendritic_cell	<i>STOML1</i>	0.011830247	0.007296078	0.865160542	1
Stroke	dendritic_cell	<i>SULF2</i>	-0.001186552	0.046989938	0.999627071	1
Stroke	dendritic_cell	<i>TACC3</i>	-0.004499343	0.027615994	0.999627071	1
Stroke	dendritic_cell	<i>TALDO1</i>	-0.003035656	0.023193648	0.974405956	1

Stroke	dendritic_cell	<i>TBL2</i>	-0.004550948	0.046540145	0.999627071	1
Stroke	dendritic_cell	<i>TDRD9</i>	-0.011461655	0.002680302	0.865160542	1
Stroke	dendritic_cell	<i>TFEB</i>	-0.002817982	0.007075629	0.865160542	1
Stroke	dendritic_cell	<i>TMC4</i>	-0.007937492	0.034430894	0.999627071	1
Stroke	dendritic_cell	<i>TMCC3</i>	-0.002590559	0.003967872	0.865160542	1
Stroke	dendritic_cell	<i>TMEM127</i>	-0.006032049	0.00231901	0.865160542	1
Stroke	dendritic_cell	<i>TMEM184B</i>	-0.002055057	0.049131756	0.999627071	1
Stroke	dendritic_cell	<i>TNFRSF10C</i>	-0.001396147	0.019887814	0.943619638	1
Stroke	dendritic_cell	<i>TNFRSF12A</i>	-0.008335934	0.049985377	0.999627071	1
Stroke	dendritic_cell	<i>TNFSF10</i>	-0.001494813	0.044119573	0.999627071	1
Stroke	dendritic_cell	<i>TNRC18</i>	-0.001608955	0.033883219	0.999627071	1
Stroke	dendritic_cell	<i>TRIM9</i>	-0.01162936	0.045753678	0.999627071	1
Stroke	dendritic_cell	<i>TUBB2B</i>	-0.022510024	0.012897795	0.915644294	1
Stroke	dendritic_cell	<i>TUBB8</i>	-0.009573043	0.032890144	0.999627071	1
Stroke	dendritic_cell	<i>TYK2</i>	-0.003342528	0.020092772	0.943619638	1
Stroke	dendritic_cell	<i>TYMP</i>	-0.002140589	0.002283636	0.865160542	1
Stroke	dendritic_cell	<i>UBN1</i>	-0.001306657	0.01662181	0.93015611	1
Stroke	dendritic_cell	<i>UCHL1</i>	-0.00714857	0.049989991	0.999627071	1
Stroke	dendritic_cell	<i>USP15</i>	-0.000713587	0.010016439	0.867510679	1
Stroke	dendritic_cell	<i>VATIL</i>	-0.01048332	0.019369583	0.943619638	1
Stroke	dendritic_cell	<i>VNN2</i>	-0.001658232	0.00857312	0.865160542	1
Stroke	dendritic_cell	<i>VNN3</i>	-0.004374078	0.006225705	0.865160542	1
Stroke	dendritic_cell	<i>VPS28</i>	-0.003436458	0.044960707	0.999627071	1
Stroke	dendritic_cell	<i>VPS37C</i>	-0.003618549	0.019705186	0.943619638	1
Stroke	dendritic_cell	<i>VPS8</i>	-0.001492084	0.008872841	0.865160542	1
Stroke	dendritic_cell	<i>WDFY4</i>	-0.001143014	0.017038951	0.93015611	1
Stroke	dendritic_cell	<i>XPO6</i>	-0.000674806	0.03389589	0.999627071	1
Stroke	dendritic_cell	<i>XRCC3</i>	0.004963478	0.012395829	0.903383864	1
Stroke	dendritic_cell	<i>YPEL3</i>	-0.001920871	0.048017381	0.999627071	1
Stroke	dendritic_cell	<i>ZC3H12C</i>	0.001981917	0.013856897	0.915644294	1
Stroke	dendritic_cell	<i>ZCWPW1</i>	-0.003482428	0.043150539	0.999627071	1
Stroke	dendritic_cell	<i>ZFP28</i>	0.004558047	0.016466291	0.93015611	1
Stroke	dendritic_cell	<i>ZNF143</i>	-0.003417809	0.007964313	0.865160542	1
Stroke	dendritic_cell	<i>ZNF33A</i>	-0.002127881	0.026383396	0.999627071	1
Stroke	dendritic_cell	<i>LCN2</i>	-0.005239144	0.013728846	0.915644294	1
Stroke	dendritic_cell	<i>PDE6H</i>	0.003991541	0.049520799	0.999627071	1
Stroke	endothelial	<i>ABCA7</i>	-0.003189006	0.009381949	0.99987509	1
Stroke	endothelial	<i>ABHD3</i>	-0.001708191	0.019557329	0.99987509	1
Stroke	endothelial	<i>ABTB1</i>	-0.002500935	0.019811645	0.99987509	1
Stroke	endothelial	<i>ADSS</i>	-0.002350484	0.049011368	0.99987509	1
Stroke	endothelial	<i>AGO2</i>	-0.003750192	0.002470458	0.99987509	1
Stroke	endothelial	<i>AGTPBP1</i>	-0.001119723	0.035660468	0.99987509	1
Stroke	endothelial	<i>ALOX5</i>	-0.00125339	0.008197042	0.99987509	1
Stroke	endothelial	<i>ALPK1</i>	-0.001222291	0.019118812	0.99987509	1
Stroke	endothelial	<i>APAF1</i>	-0.00149123	0.039081053	0.99987509	1
Stroke	endothelial	<i>ARHGAP9</i>	-0.002318418	0.036563576	0.99987509	1
Stroke	endothelial	<i>ATP6V1E1</i>	-0.00391095	0.033192814	0.99987509	1
Stroke	endothelial	<i>B3GNTL1</i>	-0.003643144	0.022872481	0.99987509	1
Stroke	endothelial	<i>BASP1</i>	-0.001133498	0.006575948	0.99987509	1
Stroke	endothelial	<i>BODIL1</i>	-0.002721765	0.002330909	0.99987509	1
Stroke	endothelial	<i>BROX</i>	0.003467375	0.047389465	0.99987509	1
Stroke	endothelial	<i>C17orf107</i>	-0.031598656	0.034895633	0.99987509	1

Stroke	endothelial	<i>CIQTNF6</i>	0.004745668	0.042776437	0.99987509	1
Stroke	endothelial	<i>C2orf69</i>	0.002264468	0.044859872	0.99987509	1
Stroke	endothelial	<i>C5AR1</i>	-0.001304547	0.004493974	0.99987509	1
Stroke	endothelial	<i>C9orf72</i>	-0.001536169	0.022800687	0.99987509	1
Stroke	endothelial	<i>CACUL1</i>	-0.001831424	0.022472657	0.99987509	1
Stroke	endothelial	<i>CASC1</i>	-0.004771306	0.048985757	0.99987509	1
Stroke	endothelial	<i>CASP9</i>	-0.005861678	0.026335765	0.99987509	1
Stroke	endothelial	<i>CBR4</i>	0.000863197	0.02609035	0.99987509	1
Stroke	endothelial	<i>CCDC117</i>	0.004838316	0.038072531	0.99987509	1
Stroke	endothelial	<i>CCDC125</i>	-0.002404899	0.037770654	0.99987509	1
Stroke	endothelial	<i>CD46</i>	-0.001327684	0.037559998	0.99987509	1
Stroke	endothelial	<i>CDA</i>	-0.002819561	0.015401998	0.99987509	1
Stroke	endothelial	<i>CDK19</i>	-0.001527298	0.016294854	0.99987509	1
Stroke	endothelial	<i>CEACAM4</i>	-0.005616263	0.022061476	0.99987509	1
Stroke	endothelial	<i>CHI3L1</i>	-0.003696235	0.013927545	0.99987509	1
Stroke	endothelial	<i>CHST11</i>	-0.000489661	0.013279743	0.99987509	1
Stroke	endothelial	<i>CHST15</i>	-0.000972611	0.012065216	0.99987509	1
Stroke	endothelial	<i>CITED4</i>	-0.010198589	0.047160677	0.99987509	1
Stroke	endothelial	<i>CLEC4E</i>	-0.00178582	0.010806004	0.99987509	1
Stroke	endothelial	<i>COPE</i>	-0.004163381	0.001433728	0.99987509	1
Stroke	endothelial	<i>COTL1</i>	-0.001921102	0.013146365	0.99987509	1
Stroke	endothelial	<i>CPEB1</i>	-0.005946106	0.046102347	0.99987509	1
Stroke	endothelial	<i>CPPED1</i>	-0.000693439	0.006765969	0.99987509	1
Stroke	endothelial	<i>CPQ</i>	-0.00061627	0.043583519	0.99987509	1
Stroke	endothelial	<i>CSTA</i>	-0.010981046	0.013086289	0.99987509	1
Stroke	endothelial	<i>CTSS</i>	-0.00074062	0.0091978	0.99987509	1
Stroke	endothelial	<i>CTSZ</i>	-0.003162655	0.007938451	0.99987509	1
Stroke	endothelial	<i>CUX1</i>	-0.000932733	0.039092653	0.99987509	1
Stroke	endothelial	<i>CYP4F11</i>	-0.002772221	0.032127737	0.99987509	1
Stroke	endothelial	<i>DENND5A</i>	-0.001249286	0.013081599	0.99987509	1
Stroke	endothelial	<i>DHRS11</i>	-0.010476318	0.046718462	0.99987509	1
Stroke	endothelial	<i>DHX34</i>	-0.001723286	0.031658513	0.99987509	1
Stroke	endothelial	<i>DOCK5</i>	-0.00038131	0.034840309	0.99987509	1
Stroke	endothelial	<i>DPY19L4</i>	0.003511615	0.041835096	0.99987509	1
Stroke	endothelial	<i>EIF3F</i>	0.002105284	0.0313735	0.99987509	1
Stroke	endothelial	<i>EPHB1</i>	-0.000553103	0.041355889	0.99987509	1
Stroke	endothelial	<i>ERGIC2</i>	-0.002965764	0.020681657	0.99987509	1
Stroke	endothelial	<i>ETV6</i>	-0.000937833	0.00654613	0.99987509	1
Stroke	endothelial	<i>FAM160A2</i>	-0.003112186	0.046848733	0.99987509	1
Stroke	endothelial	<i>FAM19A2</i>	-0.003030364	0.012263922	0.99987509	1
Stroke	endothelial	<i>FAM228A</i>	-0.027820369	0.043468714	0.99987509	1
Stroke	endothelial	<i>FARP2</i>	-0.002147017	0.04857747	0.99987509	1
Stroke	endothelial	<i>FCAR</i>	-0.002887459	0.039569056	0.99987509	1
Stroke	endothelial	<i>FPR1</i>	-0.001673531	0.00386063	0.99987509	1
Stroke	endothelial	<i>GDPD3</i>	-0.006715688	0.023814597	0.99987509	1
Stroke	endothelial	<i>GPANK1</i>	-0.006043557	0.0367126	0.99987509	1
Stroke	endothelial	<i>GPATCH2L</i>	-0.001686405	0.039244422	0.99987509	1
Stroke	endothelial	<i>GPR19</i>	0.011659049	0.01513805	0.99987509	1
Stroke	endothelial	<i>GSK3B</i>	-0.001397644	0.04628479	0.99987509	1
Stroke	endothelial	<i>H3F3A</i>	-0.002505873	0.044958394	0.99987509	1
Stroke	endothelial	<i>HAUS4</i>	-0.010249912	0.014490946	0.99987509	1
Stroke	endothelial	<i>HCG27</i>	-0.003384572	0.048531061	0.99987509	1

Stroke	endothelial	<i>HIST1H4E</i>	-0.009145573	0.042249424	0.99987509	1
Stroke	endothelial	<i>HLA-DQA2</i>	-0.00462608	0.005623996	0.99987509	1
Stroke	endothelial	<i>HLA-DQB2</i>	-0.005069372	0.03957052	0.99987509	1
Stroke	endothelial	<i>HLA-DRA</i>	-0.000614177	0.025236409	0.99987509	1
Stroke	endothelial	<i>IFNAR2</i>	-0.001144956	0.020813802	0.99987509	1
Stroke	endothelial	<i>IGF2R</i>	-0.000570135	0.042676946	0.99987509	1
Stroke	endothelial	<i>IKBIP</i>	-0.001694704	0.015450855	0.99987509	1
Stroke	endothelial	<i>IL17RA</i>	-0.001328813	0.022409424	0.99987509	1
Stroke	endothelial	<i>IL4</i>	-0.019035321	0.046806242	0.99987509	1
Stroke	endothelial	<i>JKAMP</i>	0.003178677	0.006104726	0.99987509	1
Stroke	endothelial	<i>KCNE3</i>	-0.004561998	0.042405953	0.99987509	1
Stroke	endothelial	<i>KCNH4</i>	0.007788734	0.012059385	0.99987509	1
Stroke	endothelial	<i>KCNJ15</i>	-0.000546335	0.037516752	0.99987509	1
Stroke	endothelial	<i>KIAA1755</i>	-0.00447693	0.048634492	0.99987509	1
Stroke	endothelial	<i>KXD1</i>	-0.003139143	0.015601058	0.99987509	1
Stroke	endothelial	<i>LGALS2</i>	-0.005806407	0.031981068	0.99987509	1
Stroke	endothelial	<i>LILRB3</i>	-0.001571007	0.011923319	0.99987509	1
Stroke	endothelial	<i>LINC00910</i>	-0.011556488	0.019388516	0.99987509	1
Stroke	endothelial	<i>LINC00937</i>	-0.005079557	0.004095714	0.99987509	1
Stroke	endothelial	<i>LITAF</i>	-0.000637319	0.034950861	0.99987509	1
Stroke	endothelial	<i>LRMP</i>	-0.001134579	0.01685395	0.99987509	1
Stroke	endothelial	<i>LRRC25</i>	-0.005609726	0.00762588	0.99987509	1
Stroke	endothelial	<i>LRRK2</i>	-0.000541903	0.018385787	0.99987509	1
Stroke	endothelial	<i>LY86</i>	-0.001515388	0.034358688	0.99987509	1
Stroke	endothelial	<i>LYZ</i>	-0.001198866	0.004686732	0.99987509	1
Stroke	endothelial	<i>MAP3K11</i>	-0.004416908	0.025008697	0.99987509	1
Stroke	endothelial	<i>MAP3K5</i>	-0.000950965	0.019514783	0.99987509	1
Stroke	endothelial	<i>MAPK14</i>	-0.001385815	0.033303092	0.99987509	1
Stroke	endothelial	<i>MAPRE1</i>	-0.003721036	0.045288312	0.99987509	1
Stroke	endothelial	<i>MCTP1</i>	-0.000437232	0.049946197	0.99987509	1
Stroke	endothelial	<i>MED28</i>	-0.00267994	0.029610907	0.99987509	1
Stroke	endothelial	<i>MEGF9</i>	-0.000852323	0.015603458	0.99987509	1
Stroke	endothelial	<i>MFSD5</i>	-0.007911558	0.006256981	0.99987509	1
Stroke	endothelial	<i>MICAL2</i>	-0.002330037	0.004686349	0.99987509	1
Stroke	endothelial	<i>MOB1A</i>	-0.001743397	0.037614854	0.99987509	1
Stroke	endothelial	<i>MOB3A</i>	-0.001567689	0.035869861	0.99987509	1
Stroke	endothelial	<i>MRPL14</i>	-0.004053134	0.038301996	0.99987509	1
Stroke	endothelial	<i>MTMR10</i>	-0.00244434	0.040289108	0.99987509	1
Stroke	endothelial	<i>MTMR11</i>	-0.008063373	0.03170168	0.99987509	1
Stroke	endothelial	<i>MUL1</i>	-0.008749892	0.035397914	0.99987509	1
Stroke	endothelial	<i>MX2</i>	-0.001082526	0.020130013	0.99987509	1
Stroke	endothelial	<i>MYO1F</i>	-0.000413469	0.027288793	0.99987509	1
Stroke	endothelial	<i>NBEAL2</i>	-0.002210303	0.028616641	0.99987509	1
Stroke	endothelial	<i>NBPF3</i>	0.004409133	0.030991972	0.99987509	1
Stroke	endothelial	<i>NCBP2</i>	-0.004867462	0.0465739	0.99987509	1
Stroke	endothelial	<i>NDE1</i>	-0.0013178	0.012027526	0.99987509	1
Stroke	endothelial	<i>NEAT1</i>	-0.000321583	0.020214246	0.99987509	1
Stroke	endothelial	<i>NT5C2</i>	-0.001239872	0.007661614	0.99987509	1
Stroke	endothelial	<i>NUAK2</i>	-0.005401519	0.023965332	0.99987509	1
Stroke	endothelial	<i>OGFRL1</i>	-0.002035157	0.016886108	0.99987509	1
Stroke	endothelial	<i>OPRL1</i>	-0.010743707	0.021847913	0.99987509	1
Stroke	endothelial	<i>OSBPL9</i>	-0.001388785	0.036078367	0.99987509	1

Stroke	endothelial	<i>OSCAR</i>	-0.004395883	0.002586065	0.99987509	1
Stroke	endothelial	<i>PADI2</i>	-0.003533037	0.028946162	0.99987509	1
Stroke	endothelial	<i>PADI4</i>	-0.001899212	0.022348699	0.99987509	1
Stroke	endothelial	<i>PANK2</i>	-0.003130325	0.000259863	0.99987509	1
Stroke	endothelial	<i>PARD3</i>	0.00054963	0.027425378	0.99987509	1
Stroke	endothelial	<i>PARVG</i>	-0.002469456	0.03689007	0.99987509	1
Stroke	endothelial	<i>PCDHB15</i>	-0.017467424	0.023218602	0.99987509	1
Stroke	endothelial	<i>PCSK4</i>	-0.008904215	0.006551125	0.99987509	1
Stroke	endothelial	<i>PGS1</i>	-0.002573996	0.028936997	0.99987509	1
Stroke	endothelial	<i>PIASI</i>	-0.000710082	0.04201752	0.99987509	1
Stroke	endothelial	<i>PICALM</i>	-0.000569656	0.032994756	0.99987509	1
Stroke	endothelial	<i>PILRA</i>	-0.001527291	0.005910617	0.99987509	1
Stroke	endothelial	<i>PLCB2</i>	-0.002816747	0.031434655	0.99987509	1
Stroke	endothelial	<i>POLE</i>	0.003203779	0.02442417	0.99987509	1
Stroke	endothelial	<i>PPM1F</i>	-0.002965329	0.006215771	0.99987509	1
Stroke	endothelial	<i>PPT1</i>	-0.00401828	0.008873436	0.99987509	1
Stroke	endothelial	<i>PPTC7</i>	-0.002173414	0.03686276	0.99987509	1
Stroke	endothelial	<i>PRAMI</i>	-0.001932155	0.030036078	0.99987509	1
Stroke	endothelial	<i>PSEN1</i>	-0.001941033	0.029119888	0.99987509	1
Stroke	endothelial	<i>PTAFR</i>	-0.00334959	0.029318648	0.99987509	1
Stroke	endothelial	<i>PTPRJ</i>	-0.000553684	0.023926133	0.99987509	1
Stroke	endothelial	<i>PWRN1</i>	0.009978026	0.009633417	0.99987509	1
Stroke	endothelial	<i>RAD52</i>	0.001562852	0.039316766	0.99987509	1
Stroke	endothelial	<i>RAF1</i>	-0.001621934	0.046195753	0.99987509	1
Stroke	endothelial	<i>RBBP4</i>	-0.001927449	0.033037109	0.99987509	1
Stroke	endothelial	<i>RETSAT</i>	-0.00184535	0.014190912	0.99987509	1
Stroke	endothelial	<i>RFWD2</i>	-0.000956972	0.000523005	0.99987509	1
Stroke	endothelial	<i>RGS18</i>	-0.002679915	0.003248673	0.99987509	1
Stroke	endothelial	<i>RGS19</i>	-0.004743615	0.004141413	0.99987509	1
Stroke	endothelial	<i>RGS2</i>	-0.001516901	0.014059777	0.99987509	1
Stroke	endothelial	<i>RHCE</i>	-0.00796806	0.032750741	0.99987509	1
Stroke	endothelial	<i>RILPL2</i>	-0.0027781	0.002386427	0.99987509	1
Stroke	endothelial	<i>RNF130</i>	-0.000965022	0.005057144	0.99987509	1
Stroke	endothelial	<i>RNF149</i>	-0.000558208	0.010527028	0.99987509	1
Stroke	endothelial	<i>RRM2B</i>	-0.005492562	0.013586618	0.99987509	1
Stroke	endothelial	<i>RTN3</i>	-0.001060557	0.048795417	0.99987509	1
Stroke	endothelial	<i>SI00A8</i>	-0.002148783	0.017829731	0.99987509	1
Stroke	endothelial	<i>SI00A9</i>	-0.001391891	0.015545058	0.99987509	1
Stroke	endothelial	<i>SAMD9L</i>	-0.001608342	0.047522397	0.99987509	1
Stroke	endothelial	<i>SEMA4D</i>	-0.000941841	0.0304206	0.99987509	1
Stroke	endothelial	<i>Sep-02</i>	-0.00234957	0.007702798	0.99987509	1
Stroke	endothelial	<i>SGSH</i>	-0.005175518	0.044405268	0.99987509	1
Stroke	endothelial	<i>SIRPB1</i>	-0.007595647	0.025827437	0.99987509	1
Stroke	endothelial	<i>SIRPB2</i>	-0.002690349	0.015280872	0.99987509	1
Stroke	endothelial	<i>SLC25A37</i>	-0.000834389	0.016625883	0.99987509	1
Stroke	endothelial	<i>SLC36A1</i>	-0.002579946	0.018198172	0.99987509	1
Stroke	endothelial	<i>SLCO3A1</i>	-0.000489381	0.046277048	0.99987509	1
Stroke	endothelial	<i>SMCHD1</i>	-0.00042205	0.015862558	0.99987509	1
Stroke	endothelial	<i>SNX10</i>	-0.001535178	0.042748547	0.99987509	1
Stroke	endothelial	<i>SNX27</i>	-0.001806784	0.03135066	0.99987509	1
Stroke	endothelial	<i>SNX31</i>	0.014073277	0.001540848	0.99987509	1
Stroke	endothelial	<i>SYK</i>	-0.000630455	0.015501223	0.99987509	1

Stroke	endothelial	<i>TFEB</i>	-0.002527803	0.015614963	0.99987509	1
Stroke	endothelial	<i>TGIF2</i>	-0.011276572	0.016788206	0.99987509	1
Stroke	endothelial	<i>TGM1</i>	-0.026384603	0.021216959	0.99987509	1
Stroke	endothelial	<i>TMCC3</i>	-0.002168322	0.016051459	0.99987509	1
Stroke	endothelial	<i>TMEM127</i>	-0.004407964	0.026156958	0.99987509	1
Stroke	endothelial	<i>TNFRSF10C</i>	-0.001379739	0.021454216	0.99987509	1
Stroke	endothelial	<i>TNFRSF12A</i>	-0.009177747	0.030727798	0.99987509	1
Stroke	endothelial	<i>TNFSF10</i>	-0.001701964	0.022027006	0.99987509	1
Stroke	endothelial	<i>TRIM24</i>	-0.002213401	0.035885247	0.99987509	1
Stroke	endothelial	<i>TRIM9</i>	-0.011676051	0.044713434	0.99987509	1
Stroke	endothelial	<i>TTC32</i>	-0.00583317	0.033990623	0.99987509	1
Stroke	endothelial	<i>TUBB8</i>	-0.011656334	0.009541894	0.99987509	1
Stroke	endothelial	<i>TYK2</i>	-0.003017856	0.035824899	0.99987509	1
Stroke	endothelial	<i>TYMP</i>	-0.001757577	0.012231307	0.99987509	1
Stroke	endothelial	<i>UBA52</i>	-0.001234849	0.043084042	0.99987509	1
Stroke	endothelial	<i>UBN1</i>	-0.001211441	0.026413036	0.99987509	1
Stroke	endothelial	<i>USP15</i>	-0.000699002	0.011648495	0.99987509	1
Stroke	endothelial	<i>USP42</i>	-0.003880249	0.03336507	0.99987509	1
Stroke	endothelial	<i>VAT1</i>	-0.005620043	0.034614441	0.99987509	1
Stroke	endothelial	<i>VMP1</i>	-0.000495062	0.015964432	0.99987509	1
Stroke	endothelial	<i>VNN2</i>	-0.001289136	0.041096306	0.99987509	1
Stroke	endothelial	<i>VNN3</i>	-0.003138419	0.049757359	0.99987509	1
Stroke	endothelial	<i>VPS8</i>	-0.001208503	0.034135456	0.99987509	1
Stroke	endothelial	<i>VTG1A</i>	-0.000871059	0.036206957	0.99987509	1
Stroke	endothelial	<i>WDFY4</i>	-0.001031829	0.031271022	0.99987509	1
Stroke	endothelial	<i>XPO6</i>	-0.000697717	0.028318088	0.99987509	1
Stroke	endothelial	<i>YJEFN3</i>	-0.012032432	0.026757118	0.99987509	1
Stroke	endothelial	<i>YPEL3</i>	-0.002231987	0.021535961	0.99987509	1
Stroke	endothelial	<i>ZCWPW1</i>	-0.00413575	0.016429509	0.99987509	1
Stroke	endothelial	<i>ZFAT</i>	-0.00395568	0.01053433	0.99987509	1
Stroke	endothelial	<i>ZNF202</i>	-0.003758889	0.045215387	0.99987509	1
Stroke	endothelial	<i>ZNF33A</i>	-0.002374424	0.013015198	0.99987509	1
Stroke	endothelial	<i>ZNF391</i>	-0.008810615	0.035861104	0.99987509	1
Stroke	endothelial	<i>ZNF652</i>	-0.001328352	0.021811504	0.99987509	1
Stroke	endothelial	<i>ZXDC</i>	-0.002637093	0.018312417	0.99987509	1
Stroke	LEC	<i>ACTR3</i>	-0.001087801	0.047352573	0.999940972	1
Stroke	LEC	<i>ADAT1</i>	-0.003210996	0.029450449	0.999940972	1
Stroke	LEC	<i>AGO1</i>	-0.006202659	0.006776721	0.999940972	1
Stroke	LEC	<i>AGTPBP1</i>	-0.001201486	0.024346624	0.999940972	1
Stroke	LEC	<i>ALOX5</i>	-0.001608967	0.000686556	0.999940972	1
Stroke	LEC	<i>ALPK1</i>	-0.001338488	0.01030545	0.999940972	1
Stroke	LEC	<i>APBB1IP</i>	-0.000463489	0.029977447	0.999940972	1
Stroke	LEC	<i>ARHGAP9</i>	-0.002241936	0.043398322	0.999940972	1
Stroke	LEC	<i>ARPC3</i>	-0.003269356	0.015038116	0.999940972	1
Stroke	LEC	<i>ARRB1</i>	-0.001779742	0.037447651	0.999940972	1
Stroke	LEC	<i>ATF6</i>	-0.001056048	0.022429706	0.999940972	1
Stroke	LEC	<i>ATOX1</i>	-0.003692041	0.041906211	0.999940972	1
Stroke	LEC	<i>ATP5G3</i>	-0.002590071	0.028621307	0.999940972	1
Stroke	LEC	<i>ATP6V1E1</i>	-0.003614678	0.048906491	0.999940972	1
Stroke	LEC	<i>AVEN</i>	0.002946699	0.028931891	0.999940972	1
Stroke	LEC	<i>B3GNTL1</i>	-0.004139479	0.009629728	0.999940972	1
Stroke	LEC	<i>BASPI</i>	-0.000944983	0.023537736	0.999940972	1

Stroke	LEC	<i>BBC3</i>	-0.014609673	0.002639211	0.999940972	1
Stroke	LEC	<i>BLVRA</i>	-0.002365021	0.013810015	0.999940972	1
Stroke	LEC	<i>BOD1L1</i>	-0.001820326	0.042252817	0.999940972	1
Stroke	LEC	<i>BRAT1</i>	0.002038567	0.046783803	0.999940972	1
Stroke	LEC	<i>C11orf63</i>	0.003592343	0.020048863	0.999940972	1
Stroke	LEC	<i>C15orf61</i>	-0.006289771	0.027388912	0.999940972	1
Stroke	LEC	<i>C5AR1</i>	-0.000988713	0.031286671	0.999940972	1
Stroke	LEC	<i>C9orf72</i>	-0.001569547	0.02019143	0.999940972	1
Stroke	LEC	<i>CAPZA2</i>	-0.002539974	0.016401697	0.999940972	1
Stroke	LEC	<i>CARD16</i>	-0.00652113	0.028330075	0.999940972	1
Stroke	LEC	<i>CASP1</i>	-0.0027919	0.049685088	0.999940972	1
Stroke	LEC	<i>CDA</i>	-0.002609543	0.024967614	0.999940972	1
Stroke	LEC	<i>CDHR3</i>	0.001967289	0.026980602	0.999940972	1
Stroke	LEC	<i>CDK19</i>	-0.001386587	0.029145957	0.999940972	1
Stroke	LEC	<i>CEACAM4</i>	-0.004975815	0.04253352	0.999940972	1
Stroke	LEC	<i>CEP63</i>	-0.001747181	0.040530634	0.999940972	1
Stroke	LEC	<i>CHI3L1</i>	-0.00305068	0.042552875	0.999940972	1
Stroke	LEC	<i>CHRD12</i>	-0.011069853	0.037352927	0.999940972	1
Stroke	LEC	<i>CHST11</i>	-0.000497132	0.011948404	0.999940972	1
Stroke	LEC	<i>CHST15</i>	-0.001109623	0.004173397	0.999940972	1
Stroke	LEC	<i>CLCN2</i>	-0.008471861	0.01440956	0.999940972	1
Stroke	LEC	<i>CLEC4D</i>	-0.014836038	0.025482478	0.999940972	1
Stroke	LEC	<i>CLEC4E</i>	-0.001742898	0.012901137	0.999940972	1
Stroke	LEC	<i>CNTROB</i>	-0.005075952	0.008039195	0.999940972	1
Stroke	LEC	<i>COPE</i>	-0.002631317	0.043991851	0.999940972	1
Stroke	LEC	<i>COTL1</i>	-0.002532281	0.00109666	0.999940972	1
Stroke	LEC	<i>COX7A2L</i>	-0.002608646	0.020061667	0.999940972	1
Stroke	LEC	<i>CPPED1</i>	-0.000746713	0.00355735	0.999940972	1
Stroke	LEC	<i>CPQ</i>	-0.000676177	0.026930139	0.999940972	1
Stroke	LEC	<i>CSRNPI</i>	-0.007539607	0.025781318	0.999940972	1
Stroke	LEC	<i>CTNBL1</i>	-0.001252001	0.016828703	0.999940972	1
Stroke	LEC	<i>CTSB</i>	-0.00208973	0.011914065	0.999940972	1
Stroke	LEC	<i>CTSS</i>	-0.000801214	0.004854571	0.999940972	1
Stroke	LEC	<i>CTSZ</i>	-0.002753976	0.021014449	0.999940972	1
Stroke	LEC	<i>CUX1</i>	-0.001024388	0.023366124	0.999940972	1
Stroke	LEC	<i>DAP</i>	-0.003042632	0.013925699	0.999940972	1
Stroke	LEC	<i>DENND4C</i>	0.001202017	0.020960824	0.999940972	1
Stroke	LEC	<i>DENND5A</i>	-0.001108176	0.027783474	0.999940972	1
Stroke	LEC	<i>DGCR2</i>	-0.002676457	0.015332918	0.999940972	1
Stroke	LEC	<i>DHX34</i>	-0.002403429	0.002739376	0.999940972	1
Stroke	LEC	<i>DLG5</i>	0.002578359	0.032762523	0.999940972	1
Stroke	LEC	<i>DNAJC8</i>	-0.002484884	0.043064111	0.999940972	1
Stroke	LEC	<i>DOCK5</i>	-0.000499457	0.005736171	0.999940972	1
Stroke	LEC	<i>DOCK8</i>	-0.000482682	0.013217873	0.999940972	1
Stroke	LEC	<i>DOK3</i>	-0.002779635	0.043251074	0.999940972	1
Stroke	LEC	<i>DSG2</i>	0.002935799	0.035324334	0.999940972	1
Stroke	LEC	<i>DUSP18</i>	-0.003361888	0.041202238	0.999940972	1
Stroke	LEC	<i>EBLN2</i>	-0.005376987	0.025189106	0.999940972	1
Stroke	LEC	<i>EIF3B</i>	0.002766034	0.041279089	0.999940972	1
Stroke	LEC	<i>EPHB1</i>	-0.00054983	0.042633847	0.999940972	1
Stroke	LEC	<i>ERGIC2</i>	-0.002682267	0.036217445	0.999940972	1
Stroke	LEC	<i>ETV6</i>	-0.000996152	0.003881756	0.999940972	1

Stroke	LEC	<i>F2RL1</i>	-0.03537727	0.003358237	0.999940972	1
Stroke	LEC	<i>FAM118A</i>	-0.003625945	0.024781485	0.999940972	1
Stroke	LEC	<i>FAM126B</i>	-0.001426293	0.004827688	0.999940972	1
Stroke	LEC	<i>FAM19A2</i>	-0.00257171	0.033505072	0.999940972	1
Stroke	LEC	<i>FCAR</i>	-0.00390925	0.005323345	0.999940972	1
Stroke	LEC	<i>FCN1</i>	-0.000957977	0.026917098	0.999940972	1
Stroke	LEC	<i>FGL2</i>	-0.001995432	0.002837313	0.999940972	1
Stroke	LEC	<i>FOXN2</i>	-0.001440118	0.010162652	0.999940972	1
Stroke	LEC	<i>FPGT</i>	-0.004227736	0.040626235	0.999940972	1
Stroke	LEC	<i>FPR1</i>	-0.001438986	0.012964947	0.999940972	1
Stroke	LEC	<i>GDPD3</i>	-0.006409475	0.030847272	0.999940972	1
Stroke	LEC	<i>GPR84</i>	0.002378535	0.028412399	0.999940972	1
Stroke	LEC	<i>GSK3B</i>	-0.001393687	0.046856819	0.999940972	1
Stroke	LEC	<i>GSTZ1</i>	-0.005366146	0.015363884	0.999940972	1
Stroke	LEC	<i>HERPUD1</i>	-0.003105083	0.039832981	0.999940972	1
Stroke	LEC	<i>HFM1</i>	0.004146531	0.002848322	0.999940972	1
Stroke	LEC	<i>HSPBAP1</i>	-0.002736052	0.025365365	0.999940972	1
Stroke	LEC	<i>IFNAR2</i>	-0.001444969	0.003537928	0.999940972	1
Stroke	LEC	<i>IL17RA</i>	-0.00164027	0.004823524	0.999940972	1
Stroke	LEC	<i>ILDR1</i>	-0.021776522	0.046625592	0.999940972	1
Stroke	LEC	<i>IQGAP1</i>	-0.000771014	0.025536659	0.999940972	1
Stroke	LEC	<i>JKAMP</i>	0.002427747	0.035510871	0.999940972	1
Stroke	LEC	<i>KCNAB3</i>	-0.017831071	0.016816166	0.999940972	1
Stroke	LEC	<i>KCNC3</i>	-0.011942339	0.017330637	0.999940972	1
Stroke	LEC	<i>KCNJ15</i>	-0.000574012	0.028897042	0.999940972	1
Stroke	LEC	<i>KHDRBS3</i>	0.001382717	0.029337856	0.999940972	1
Stroke	LEC	<i>KPNA6</i>	0.002060757	0.027992849	0.999940972	1
Stroke	LEC	<i>LCP2</i>	-0.000821155	0.042746511	0.999940972	1
Stroke	LEC	<i>LILRA6</i>	-0.004965563	0.023963906	0.999940972	1
Stroke	LEC	<i>LILRB2</i>	-0.002894857	0.009509277	0.999940972	1
Stroke	LEC	<i>LILRB3</i>	-0.001820915	0.003574362	0.999940972	1
Stroke	LEC	<i>LINC00092</i>	-0.01315534	0.038057408	0.999940972	1
Stroke	LEC	<i>LINC00910</i>	-0.012780112	0.009998444	0.999940972	1
Stroke	LEC	<i>LINC00937</i>	-0.005426196	0.002159301	0.999940972	1
Stroke	LEC	<i>LITAF</i>	-0.000681991	0.024019317	0.999940972	1
Stroke	LEC	<i>LRMP</i>	-0.001038184	0.028781793	0.999940972	1
Stroke	LEC	<i>LRRC25</i>	-0.005169103	0.013954343	0.999940972	1
Stroke	LEC	<i>LRRK2</i>	-0.000530098	0.021137333	0.999940972	1
Stroke	LEC	<i>LYZ</i>	-0.001367688	0.001256798	0.999940972	1
Stroke	LEC	<i>MAP3K5</i>	-0.000941506	0.020852827	0.999940972	1
Stroke	LEC	<i>MAPK14</i>	-0.001437296	0.02725903	0.999940972	1
Stroke	LEC	<i>MAPRE1</i>	-0.004053434	0.029370503	0.999940972	1
Stroke	LEC	<i>ME3</i>	0.002730569	0.040646529	0.999940972	1
Stroke	LEC	<i>MEGF9</i>	-0.000726436	0.039491785	0.999940972	1
Stroke	LEC	<i>MGRN1</i>	-0.002266315	0.021430269	0.999940972	1
Stroke	LEC	<i>MICAL2</i>	-0.002605845	0.001573356	0.999940972	1
Stroke	LEC	<i>MMP25</i>	-0.001801277	0.047860251	0.999940972	1
Stroke	LEC	<i>MOB1A</i>	-0.002327679	0.005584424	0.999940972	1
Stroke	LEC	<i>MSRA</i>	-0.000898637	0.041801575	0.999940972	1
Stroke	LEC	<i>MTMR10</i>	-0.003514811	0.003259152	0.999940972	1
Stroke	LEC	<i>MTMR11</i>	-0.008013867	0.031766714	0.999940972	1
Stroke	LEC	<i>MTMR3</i>	-0.001235308	0.037282818	0.999940972	1

Stroke	LEC	<i>MX2</i>	-0.001060461	0.022849691	0.999940972	1
Stroke	LEC	<i>MYO1F</i>	-0.0004386	0.019238798	0.999940972	1
Stroke	LEC	<i>NBEAL2</i>	-0.002268911	0.024625939	0.999940972	1
Stroke	LEC	<i>NDE1</i>	-0.001210074	0.021125982	0.999940972	1
Stroke	LEC	<i>NDUFC1</i>	0.0051306	0.005668326	0.999940972	1
Stroke	LEC	<i>NEAT1</i>	-0.000279749	0.043378204	0.999940972	1
Stroke	LEC	<i>NT5C2</i>	-0.001261705	0.006669357	0.999940972	1
Stroke	LEC	<i>NUAK2</i>	-0.004793421	0.044871705	0.999940972	1
Stroke	LEC	<i>OGFRL1</i>	-0.002442925	0.004138682	0.999940972	1
Stroke	LEC	<i>OSCAR</i>	-0.004688629	0.001311796	0.999940972	1
Stroke	LEC	<i>PADI2</i>	-0.004377481	0.006771583	0.999940972	1
Stroke	LEC	<i>PADI4</i>	-0.001816676	0.02889679	0.999940972	1
Stroke	LEC	<i>PHLDB1</i>	0.001236049	0.039096445	0.999940972	1
Stroke	LEC	<i>PIAS1</i>	-0.000903686	0.009640188	0.999940972	1
Stroke	LEC	<i>PILRA</i>	-0.001473911	0.00791261	0.999940972	1
Stroke	LEC	<i>PIPOX</i>	-0.013544605	0.014655272	0.999940972	1
Stroke	LEC	<i>POLM</i>	-0.004929785	0.027777294	0.999940972	1
Stroke	LEC	<i>POLR2E</i>	-0.003708084	0.047243753	0.999940972	1
Stroke	LEC	<i>PPCDC</i>	-0.00097966	0.019002854	0.999940972	1
Stroke	LEC	<i>PPP2R3C</i>	-0.001452385	0.035081121	0.999940972	1
Stroke	LEC	<i>PPT1</i>	-0.004313908	0.00496308	0.999940972	1
Stroke	LEC	<i>PRAMI</i>	-0.002508535	0.004917328	0.999940972	1
Stroke	LEC	<i>PSAP</i>	-0.000833092	0.029785393	0.999940972	1
Stroke	LEC	<i>PSEN1</i>	-0.001866115	0.035892298	0.999940972	1
Stroke	LEC	<i>PTAFR</i>	-0.003966106	0.009817633	0.999940972	1
Stroke	LEC	<i>PTPRJ</i>	-0.000579935	0.018040063	0.999940972	1
Stroke	LEC	<i>PYGL</i>	-0.001798393	0.010137438	0.999940972	1
Stroke	LEC	<i>RAB2A</i>	-0.001530471	0.043043	0.999940972	1
Stroke	LEC	<i>RBAK</i>	-0.008959361	0.017549788	0.999940972	1
Stroke	LEC	<i>RBCK1</i>	-0.004173493	0.012163116	0.999940972	1
Stroke	LEC	<i>RFWD2</i>	-0.000612808	0.025857681	0.999940972	1
Stroke	LEC	<i>RGS18</i>	-0.002141544	0.018666987	0.999940972	1
Stroke	LEC	<i>RGS2</i>	-0.001795507	0.003650118	0.999940972	1
Stroke	LEC	<i>RILPL2</i>	-0.002479131	0.00667078	0.999940972	1
Stroke	LEC	<i>RIPK2</i>	-0.002552603	0.039894493	0.999940972	1
Stroke	LEC	<i>RNASEK</i>	-0.002337668	0.032315963	0.999940972	1
Stroke	LEC	<i>RNF130</i>	-0.00080038	0.020073544	0.999940972	1
Stroke	LEC	<i>RNF149</i>	-0.000574022	0.008540215	0.999940972	1
Stroke	LEC	<i>RPS13</i>	-0.003312445	0.046344822	0.999940972	1
Stroke	LEC	<i>RPS9</i>	-0.002081013	0.013794112	0.999940972	1
Stroke	LEC	<i>RRP12</i>	-0.003240695	0.016288289	0.999940972	1
Stroke	LEC	<i>SI00A4</i>	-0.001319827	0.036488576	0.999940972	1
Stroke	LEC	<i>SI00A8</i>	-0.002260546	0.012714915	0.999940972	1
Stroke	LEC	<i>SI00A9</i>	-0.0014053	0.014597977	0.999940972	1
Stroke	LEC	<i>SAMD9</i>	-0.002413427	0.041537641	0.999940972	1
Stroke	LEC	<i>SEMA4D</i>	-0.000890561	0.040616557	0.999940972	1
Stroke	LEC	<i>SGSH</i>	-0.006257659	0.015335894	0.999940972	1
Stroke	LEC	<i>SIRPB1</i>	-0.006874342	0.043858683	0.999940972	1
Stroke	LEC	<i>SIRPB2</i>	-0.002275652	0.040338386	0.999940972	1
Stroke	LEC	<i>SLC22A15</i>	-0.004309768	0.001093058	0.999940972	1
Stroke	LEC	<i>SLC25A17</i>	0.004302739	0.043778226	0.999940972	1
Stroke	LEC	<i>SLC25A37</i>	-0.000738651	0.034086096	0.999940972	1

Stroke	LEC	<i>SLC36A1</i>	-0.002403088	0.02789609	0.999940972	1
Stroke	LEC	<i>SLCO3A1</i>	-0.000651344	0.008005354	0.999940972	1
Stroke	LEC	<i>SMCHD1</i>	-0.000504297	0.00394219	0.999940972	1
Stroke	LEC	<i>SNX10</i>	-0.002065701	0.006451579	0.999940972	1
Stroke	LEC	<i>SPSB2</i>	-0.00446224	0.043680767	0.999940972	1
Stroke	LEC	<i>SRSF10</i>	-0.001084504	0.036925001	0.999940972	1
Stroke	LEC	<i>STK25</i>	-0.005158462	0.043205629	0.999940972	1
Stroke	LEC	<i>SUCO</i>	-0.001623626	0.024964327	0.999940972	1
Stroke	LEC	<i>SULF2</i>	-0.001381344	0.020704575	0.999940972	1
Stroke	LEC	<i>TBC1D22A</i>	-0.00084384	0.028828544	0.999940972	1
Stroke	LEC	<i>TFEB</i>	-0.002194338	0.036097853	0.999940972	1
Stroke	LEC	<i>TMCC3</i>	-0.001954555	0.029945469	0.999940972	1
Stroke	LEC	<i>TMEM127</i>	-0.005117382	0.010166012	0.999940972	1
Stroke	LEC	<i>TMEM170B</i>	-0.002201339	0.033479928	0.999940972	1
Stroke	LEC	<i>TNFRSF10C</i>	-0.001306689	0.029437456	0.999940972	1
Stroke	LEC	<i>TNFSF10</i>	-0.00175457	0.018223289	0.999940972	1
Stroke	LEC	<i>TUBB8</i>	-0.009092693	0.042993022	0.999940972	1
Stroke	LEC	<i>TYK2</i>	-0.002984851	0.037746816	0.999940972	1
Stroke	LEC	<i>TYMP</i>	-0.001705136	0.015109991	0.999940972	1
Stroke	LEC	<i>UBN1</i>	-0.001221747	0.025239968	0.999940972	1
Stroke	LEC	<i>ULK3</i>	0.003651501	0.023114689	0.999940972	1
Stroke	LEC	<i>USP15</i>	-0.000706768	0.010771453	0.999940972	1
Stroke	LEC	<i>VMP1</i>	-0.000491457	0.016867995	0.999940972	1
Stroke	LEC	<i>VNN2</i>	-0.001725327	0.006278659	0.999940972	1
Stroke	LEC	<i>VNN3</i>	-0.004741385	0.003046261	0.999940972	1
Stroke	LEC	<i>VPS52</i>	0.004372191	0.044089689	0.999940972	1
Stroke	LEC	<i>VPS8</i>	-0.001235209	0.030255451	0.999940972	1
Stroke	LEC	<i>VSTMI</i>	-0.009375197	0.015339347	0.999940972	1
Stroke	LEC	<i>WDR19</i>	0.002697831	0.030975222	0.999940972	1
Stroke	LEC	<i>ZBTB38</i>	0.001318489	0.017024985	0.999940972	1
Stroke	LEC	<i>ZCCHC3</i>	-0.00362938	0.035405508	0.999940972	1
Stroke	LEC	<i>ZFAND4</i>	-0.003977149	0.014312204	0.999940972	1
Stroke	LEC	<i>ZNF197</i>	0.003373465	0.039923998	0.999940972	1
Stroke	LEC	<i>ZNF260</i>	-0.003268913	0.033674205	0.999940972	1
Stroke	LEC	<i>ZNF33A</i>	-0.002002898	0.036696237	0.999940972	1
Stroke	LEC	<i>ZNF619</i>	-0.005790618	0.037014693	0.999940972	1
Stroke	LEC	<i>ZNF652</i>	-0.001622872	0.005102257	0.999940972	1
Stroke	macrophage	<i>AAMP</i>	-0.003775484	0.027249842	0.999780627	1
Stroke	macrophage	<i>ABCC3</i>	-0.003040506	0.034708643	0.999780627	1
Stroke	macrophage	<i>ABTB1</i>	-0.002677491	0.012625858	0.832537682	1
Stroke	macrophage	<i>ACOX1</i>	-0.002258953	0.013395348	0.832537682	1
Stroke	macrophage	<i>ACTR3</i>	-0.001105302	0.043995744	0.999780627	1
Stroke	macrophage	<i>ADAT1</i>	-0.002910682	0.049255522	0.999780627	1
Stroke	macrophage	<i>ADCY4</i>	0.003563663	0.021198381	0.952492659	1
Stroke	macrophage	<i>AGTPBP1</i>	-0.001074194	0.043922505	0.999780627	1
Stroke	macrophage	<i>ALOX5</i>	-0.001436704	0.002425775	0.658928709	1
Stroke	macrophage	<i>ALPK1</i>	-0.001337909	0.010300848	0.832537682	1
Stroke	macrophage	<i>ANKRD44</i>	-0.000366958	0.046657632	0.999780627	1
Stroke	macrophage	<i>APAF1</i>	-0.001486337	0.039895447	0.999780627	1
Stroke	macrophage	<i>APBB1IP</i>	-0.000424228	0.046990078	0.999780627	1
Stroke	macrophage	<i>ARFIP1</i>	-0.001463589	0.035468654	0.999780627	1
Stroke	macrophage	<i>ATG7</i>	-0.000631791	0.046295908	0.999780627	1

Stroke	macrophage	<i>AUTS2</i>	0.000467114	0.039622478	0.999780627	1
Stroke	macrophage	<i>B3GALT2</i>	-0.007099591	0.040523781	0.999780627	1
Stroke	macrophage	<i>B3GNTL1</i>	-0.004871571	0.002349994	0.658928709	1
Stroke	macrophage	<i>BASP1</i>	-0.001120895	0.007212842	0.783708117	1
Stroke	macrophage	<i>BECN1</i>	-0.002615778	0.032331066	0.999780627	1
Stroke	macrophage	<i>BLVRA</i>	0.001885573	0.048158858	0.999780627	1
Stroke	macrophage	<i>BODIL1</i>	-0.002856353	0.001440378	0.658928709	1
Stroke	macrophage	<i>C15orf61</i>	-0.007178702	0.011739311	0.832537682	1
Stroke	macrophage	<i>C2orf69</i>	0.002414839	0.031919473	0.999780627	1
Stroke	macrophage	<i>C5AR1</i>	-0.0012771	0.005387338	0.759326197	1
Stroke	macrophage	<i>C8orf37</i>	-0.009872704	0.044536898	0.999780627	1
Stroke	macrophage	<i>C9orf64</i>	0.007611333	0.040312779	0.999780627	1
Stroke	macrophage	<i>C9orf66</i>	-0.006480866	0.00985733	0.832537682	1
Stroke	macrophage	<i>CASP1</i>	-0.003010417	0.034584461	0.999780627	1
Stroke	macrophage	<i>CBL</i>	-0.001854781	0.006617941	0.775467012	1
Stroke	macrophage	<i>CCDC17</i>	-0.013307745	0.040564769	0.999780627	1
Stroke	macrophage	<i>CDA</i>	-0.003035896	0.009076991	0.832537682	1
Stroke	macrophage	<i>CDH4</i>	-0.009886063	0.0150097	0.853882441	1
Stroke	macrophage	<i>CDHR3</i>	0.002237092	0.011881934	0.832537682	1
Stroke	macrophage	<i>CDK19</i>	-0.001442128	0.023281873	0.999780627	1
Stroke	macrophage	<i>CEACAM4</i>	-0.006264382	0.010630143	0.832537682	1
Stroke	macrophage	<i>CHI3L1</i>	-0.003760974	0.012410021	0.832537682	1
Stroke	macrophage	<i>CHRD12</i>	-0.013932884	0.008732488	0.832537682	1
Stroke	macrophage	<i>CHST11</i>	-0.000499197	0.0115486	0.832537682	1
Stroke	macrophage	<i>CHST15</i>	-0.001092401	0.00480259	0.74438238	1
Stroke	macrophage	<i>CLEC12A</i>	-0.002024887	0.001804644	0.658928709	1
Stroke	macrophage	<i>CLEC12B</i>	-0.015443968	0.008031608	0.827532549	1
Stroke	macrophage	<i>CLEC1B</i>	-0.01115443	0.013367747	0.832537682	1
Stroke	macrophage	<i>CLEC4D</i>	-0.01584443	0.017068038	0.886856758	1
Stroke	macrophage	<i>CLEC4E</i>	-0.001927336	0.005947989	0.760043732	1
Stroke	macrophage	<i>COPE</i>	-0.003015559	0.021012559	0.951295869	1
Stroke	macrophage	<i>COTL1</i>	-0.002643156	0.000654439	0.658928709	1
Stroke	macrophage	<i>CPPED1</i>	-0.000858783	0.000796179	0.658928709	1
Stroke	macrophage	<i>CPQ</i>	-0.000748479	0.014293859	0.848506292	1
Stroke	macrophage	<i>CPVL</i>	-0.000706387	0.02661088	0.999780627	1
Stroke	macrophage	<i>CSTA</i>	-0.012486775	0.004651299	0.74438238	1
Stroke	macrophage	<i>CTSS</i>	-0.000873445	0.00214481	0.658928709	1
Stroke	macrophage	<i>CTSZ</i>	-0.00247633	0.037799337	0.999780627	1
Stroke	macrophage	<i>CUX1</i>	-0.001122377	0.012816274	0.832537682	1
Stroke	macrophage	<i>DCHS1</i>	-0.005318349	0.003174462	0.663994015	1
Stroke	macrophage	<i>DCP2</i>	-0.002390686	0.030005012	0.999780627	1
Stroke	macrophage	<i>DENND5A</i>	-0.001360917	0.006805765	0.782139467	1
Stroke	macrophage	<i>DHX34</i>	-0.001899462	0.01785836	0.889346304	1
Stroke	macrophage	<i>DOCK5</i>	-0.000527019	0.003532536	0.663994015	1
Stroke	macrophage	<i>DOCK8</i>	-0.000593956	0.002303395	0.658928709	1
Stroke	macrophage	<i>DOK3</i>	-0.004658924	0.000738671	0.658928709	1
Stroke	macrophage	<i>DPYD</i>	-0.00064156	0.018236267	0.900660604	1
Stroke	macrophage	<i>DSG2</i>	0.003013235	0.03152203	0.999780627	1
Stroke	macrophage	<i>EBLN2</i>	-0.004822597	0.044305883	0.999780627	1
Stroke	macrophage	<i>EDEMI</i>	-0.00349534	0.041022492	0.999780627	1
Stroke	macrophage	<i>EPHB1</i>	-0.000572606	0.034661014	0.999780627	1
Stroke	macrophage	<i>ETV6</i>	-0.001074081	0.001852656	0.658928709	1

Stroke	macrophage	<i>EYA3</i>	-0.002430972	0.0171427	0.886856758	1
Stroke	macrophage	<i>FAM19A2</i>	-0.004025426	0.000869174	0.658928709	1
Stroke	macrophage	<i>FAM26E</i>	-0.008356248	0.04991694	0.999780627	1
Stroke	macrophage	<i>FCAR</i>	-0.003279059	0.019385997	0.934279995	1
Stroke	macrophage	<i>FCN1</i>	-0.001072758	0.013327029	0.832537682	1
Stroke	macrophage	<i>FPR1</i>	-0.001792814	0.00197186	0.658928709	1
Stroke	macrophage	<i>GALNT14</i>	-0.004126654	0.010646714	0.832537682	1
Stroke	macrophage	<i>GDPD3</i>	-0.006591989	0.026515461	0.999780627	1
Stroke	macrophage	<i>GLIPR2</i>	-0.002072131	0.034082625	0.999780627	1
Stroke	macrophage	<i>GPANK1</i>	-0.007094505	0.014482537	0.848506292	1
Stroke	macrophage	<i>GPN3</i>	-0.003636918	0.047663931	0.999780627	1
Stroke	macrophage	<i>HCG9</i>	-0.01721986	0.014431657	0.848506292	1
Stroke	macrophage	<i>HCLS1</i>	-0.001350118	0.00613906	0.760043732	1
Stroke	macrophage	<i>HLA-DQB2</i>	-0.005988055	0.01514584	0.853882441	1
Stroke	macrophage	<i>IFNAR2</i>	-0.001143836	0.020924953	0.951295869	1
Stroke	macrophage	<i>IFRD1</i>	-0.001677024	0.03949786	0.999780627	1
Stroke	macrophage	<i>IGF2R</i>	-0.000581724	0.038617546	0.999780627	1
Stroke	macrophage	<i>IGFLR1</i>	-0.013178151	0.047947323	0.999780627	1
Stroke	macrophage	<i>IGSF11</i>	0.010524804	0.04180066	0.999780627	1
Stroke	macrophage	<i>IKBIP</i>	-0.00169125	0.015651448	0.85897747	1
Stroke	macrophage	<i>IL17RA</i>	-0.00171582	0.003199524	0.663994015	1
Stroke	macrophage	<i>INTS8</i>	-0.001963369	0.033233131	0.999780627	1
Stroke	macrophage	<i>IQGAP1</i>	-0.000701156	0.042200114	0.999780627	1
Stroke	macrophage	<i>KCNJ15</i>	-0.000551428	0.035743082	0.999780627	1
Stroke	macrophage	<i>KIAA0930</i>	-0.00401591	0.009922186	0.832537682	1
Stroke	macrophage	<i>LAMTOR4</i>	-0.002737313	0.041532226	0.999780627	1
Stroke	macrophage	<i>LGALS2</i>	-0.006010821	0.026795288	0.999780627	1
Stroke	macrophage	<i>LILRA2</i>	-0.008308266	0.004513223	0.74438238	1
Stroke	macrophage	<i>LILRA6</i>	-0.004958746	0.024179229	0.999780627	1
Stroke	macrophage	<i>LILRB2</i>	-0.002794723	0.012336863	0.832537682	1
Stroke	macrophage	<i>LILRB3</i>	-0.001421956	0.022800794	0.997012972	1
Stroke	macrophage	<i>LINC00910</i>	-0.012970843	0.008811193	0.832537682	1
Stroke	macrophage	<i>LINC00937</i>	-0.004758663	0.0071815	0.783708117	1
Stroke	macrophage	<i>LINC00959</i>	0.004081341	0.013260579	0.832537682	1
Stroke	macrophage	<i>LITAF</i>	-0.000703549	0.019861126	0.943276685	1
Stroke	macrophage	<i>LPCAT2</i>	-0.001960613	0.007818073	0.819663203	1
Stroke	macrophage	<i>LRMP</i>	-0.001199236	0.01148963	0.832537682	1
Stroke	macrophage	<i>LRRC25</i>	-0.006147185	0.003443765	0.663994015	1
Stroke	macrophage	<i>LRRK2</i>	-0.000688024	0.002761187	0.663994015	1
Stroke	macrophage	<i>LYZ</i>	-0.000952677	0.024577864	0.999780627	1
Stroke	macrophage	<i>MANBAL</i>	-0.005481112	0.022198901	0.982671336	1
Stroke	macrophage	<i>MAP3K1</i>	-0.000957044	0.015811165	0.85897747	1
Stroke	macrophage	<i>MAP3K11</i>	-0.004763575	0.015539205	0.85897747	1
Stroke	macrophage	<i>MAP3K5</i>	-0.001061647	0.009130336	0.832537682	1
Stroke	macrophage	<i>MAPK14</i>	-0.001546122	0.017659966	0.886856758	1
Stroke	macrophage	<i>MAPRE1</i>	-0.003918435	0.035316996	0.999780627	1
Stroke	macrophage	<i>MATN3</i>	-0.020565982	0.029319004	0.999780627	1
Stroke	macrophage	<i>MCTP1</i>	-0.0004889	0.028284225	0.999780627	1
Stroke	macrophage	<i>MEGF9</i>	-0.000871267	0.013513413	0.832537682	1
Stroke	macrophage	<i>MEST</i>	0.002007926	0.012435424	0.832537682	1
Stroke	macrophage	<i>METAP1</i>	0.005841383	0.011106261	0.832537682	1
Stroke	macrophage	<i>MICAL2</i>	-0.002175316	0.008330947	0.832537682	1

Stroke	macrophage	<i>MMP25</i>	-0.001873091	0.039637992	0.999780627	1
Stroke	macrophage	<i>MNAT1</i>	0.001489923	0.027353191	0.999780627	1
Stroke	macrophage	<i>MOB1A</i>	-0.001737101	0.03857764	0.999780627	1
Stroke	macrophage	<i>MOB3A</i>	-0.001530268	0.040619546	0.999780627	1
Stroke	macrophage	<i>MSRA</i>	-0.000968697	0.028086456	0.999780627	1
Stroke	macrophage	<i>MTMR10</i>	-0.002654126	0.026093774	0.999780627	1
Stroke	macrophage	<i>MTMR3</i>	-0.001369115	0.02072026	0.951295869	1
Stroke	macrophage	<i>MTMR9</i>	0.003093907	0.04843724	0.999780627	1
Stroke	macrophage	<i>MTPAP</i>	-0.003436387	0.006066999	0.760043732	1
Stroke	macrophage	<i>MX2</i>	-0.001180735	0.011248666	0.832537682	1
Stroke	macrophage	<i>MYO1F</i>	-0.000435411	0.020083175	0.945016154	1
Stroke	macrophage	<i>NBN</i>	-0.002910299	0.002557457	0.663994015	1
Stroke	macrophage	<i>NCF4</i>	-0.002452921	0.029014193	0.999780627	1
Stroke	macrophage	<i>NDE1</i>	-0.001283826	0.014417294	0.848506292	1
Stroke	macrophage	<i>NEAT1</i>	-0.00033156	0.016545891	0.882841495	1
Stroke	macrophage	<i>NMI</i>	-0.002797113	0.049152921	0.999780627	1
Stroke	macrophage	<i>NOD1</i>	-0.001243787	0.018914781	0.926514212	1
Stroke	macrophage	<i>NUAK2</i>	-0.005380691	0.02447783	0.999780627	1
Stroke	macrophage	<i>OGFRL1</i>	-0.002660577	0.001787689	0.658928709	1
Stroke	macrophage	<i>OSCAR</i>	-0.004516367	0.001974161	0.658928709	1
Stroke	macrophage	<i>PADI2</i>	-0.003417241	0.034663196	0.999780627	1
Stroke	macrophage	<i>PADI4</i>	-0.001974539	0.017542292	0.886856758	1
Stroke	macrophage	<i>PANK2</i>	-0.002275171	0.007554191	0.806140143	1
Stroke	macrophage	<i>PCSK2</i>	0.009883665	0.039468108	0.999780627	1
Stroke	macrophage	<i>PEAK1</i>	0.000916464	0.017627964	0.886856758	1
Stroke	macrophage	<i>PLAS1</i>	-0.000866293	0.013115719	0.832537682	1
Stroke	macrophage	<i>PICALM</i>	-0.000871696	0.001117592	0.658928709	1
Stroke	macrophage	<i>PILRA</i>	-0.001606474	0.003809869	0.675413114	1
Stroke	macrophage	<i>PLCB2</i>	-0.003125073	0.0170267	0.886856758	1
Stroke	macrophage	<i>PPME1</i>	0.0017885	0.042554646	0.999780627	1
Stroke	macrophage	<i>PPT1</i>	-0.004481761	0.003555524	0.663994015	1
Stroke	macrophage	<i>PPTC7</i>	-0.002286119	0.028236879	0.999780627	1
Stroke	macrophage	<i>PRAMI</i>	-0.002789375	0.001757472	0.658928709	1
Stroke	macrophage	<i>PROB1</i>	-0.022569711	0.030960435	0.999780627	1
Stroke	macrophage	<i>PSAP</i>	-0.000879307	0.022097432	0.982671336	1
Stroke	macrophage	<i>PSEN1</i>	-0.001797269	0.043480548	0.999780627	1
Stroke	macrophage	<i>PTAFR</i>	-0.005103846	0.000878845	0.658928709	1
Stroke	macrophage	<i>PTPRJ</i>	-0.00063253	0.00986425	0.832537682	1
Stroke	macrophage	<i>PYGB</i>	-0.003730557	0.029959543	0.999780627	1
Stroke	macrophage	<i>RAF1</i>	-0.002055252	0.011573028	0.832537682	1
Stroke	macrophage	<i>RALB</i>	-0.00270213	0.046122918	0.999780627	1
Stroke	macrophage	<i>RAPGEF2</i>	-0.000816321	0.036295775	0.999780627	1
Stroke	macrophage	<i>RCBTB2</i>	-0.002209874	0.019888364	0.943276685	1
Stroke	macrophage	<i>RFWD2</i>	-0.000699058	0.011099817	0.832537682	1
Stroke	macrophage	<i>RGS18</i>	-0.003126177	0.000594169	0.658928709	1
Stroke	macrophage	<i>RGS2</i>	-0.001719762	0.005366792	0.759326197	1
Stroke	macrophage	<i>RICTOR</i>	-0.00068805	0.040042455	0.999780627	1
Stroke	macrophage	<i>RILPL2</i>	-0.002080984	0.022856556	0.997012972	1
Stroke	macrophage	<i>RIPK2</i>	-0.003425408	0.005826936	0.760043732	1
Stroke	macrophage	<i>RNASE6</i>	-0.005454884	0.033082489	0.999780627	1
Stroke	macrophage	<i>RNF130</i>	-0.000730724	0.033764668	0.999780627	1
Stroke	macrophage	<i>RNF149</i>	-0.000630776	0.003842712	0.675413114	1

Stroke	macrophage	<i>RNF24</i>	-0.000560635	0.006240716	0.760043732	1
Stroke	macrophage	<i>RPGRIP1</i>	-0.007936336	0.015716437	0.85897747	1
Stroke	macrophage	<i>RPS11</i>	-0.001303118	0.036648883	0.999780627	1
Stroke	macrophage	<i>RPSA</i>	-0.003143812	0.028880303	0.999780627	1
Stroke	macrophage	<i>RRM2B</i>	-0.006794332	0.002303662	0.658928709	1
Stroke	macrophage	<i>RTN3</i>	-0.001170086	0.029689503	0.999780627	1
Stroke	macrophage	<i>SI00A8</i>	-0.002385613	0.0085297	0.832537682	1
Stroke	macrophage	<i>SI00A9</i>	-0.001569699	0.006359134	0.760043732	1
Stroke	macrophage	<i>SI00B</i>	0.003435774	0.033913935	0.999780627	1
Stroke	macrophage	<i>SAMD9</i>	-0.002336715	0.048579373	0.999780627	1
Stroke	macrophage	<i>SAMD9L</i>	-0.001873916	0.020969844	0.951295869	1
Stroke	macrophage	<i>SDHA</i>	-0.001871412	0.026721836	0.999780627	1
Stroke	macrophage	<i>SHMT1</i>	0.002624897	0.044016426	0.999780627	1
Stroke	macrophage	<i>SIRPB1</i>	-0.008473888	0.0130835	0.832537682	1
Stroke	macrophage	<i>SIRPB2</i>	-0.003128786	0.004857917	0.74438238	1
Stroke	macrophage	<i>SLC22A15</i>	-0.004226696	0.001373063	0.658928709	1
Stroke	macrophage	<i>SLC24A4</i>	-0.003388688	0.014826696	0.851964752	1
Stroke	macrophage	<i>SLC25A37</i>	-0.000887332	0.010875306	0.832537682	1
Stroke	macrophage	<i>SLC25A51</i>	0.009717872	0.04392251	0.999780627	1
Stroke	macrophage	<i>SLC36A1</i>	-0.002457442	0.024576266	0.999780627	1
Stroke	macrophage	<i>SLCO3A1</i>	-0.00053189	0.030306925	0.999780627	1
Stroke	macrophage	<i>SMCHD1</i>	-0.000486998	0.005375761	0.759326197	1
Stroke	macrophage	<i>SMYD4</i>	0.002461482	0.045573517	0.999780627	1
Stroke	macrophage	<i>SNHG8</i>	-0.003535687	0.03610476	0.999780627	1
Stroke	macrophage	<i>SNX1</i>	-0.0024497	0.047137128	0.999780627	1
Stroke	macrophage	<i>SNX10</i>	-0.002221143	0.003330466	0.663994015	1
Stroke	macrophage	<i>SP110</i>	-0.001212781	0.040061299	0.999780627	1
Stroke	macrophage	<i>SPATA7</i>	0.002560584	0.037536875	0.999780627	1
Stroke	macrophage	<i>SRPK2</i>	-0.000531487	0.014755057	0.851964752	1
Stroke	macrophage	<i>STAT4</i>	0.000704413	0.035303807	0.999780627	1
Stroke	macrophage	<i>SULF2</i>	-0.001421958	0.017314562	0.886856758	1
Stroke	macrophage	<i>SULT1B1</i>	-0.007853758	0.002805095	0.663994015	1
Stroke	macrophage	<i>SYK</i>	-0.00060384	0.020498572	0.951295869	1
Stroke	macrophage	<i>TAF13</i>	-0.007450875	0.026277812	0.999780627	1
Stroke	macrophage	<i>TDRD9</i>	-0.011790701	0.001998665	0.658928709	1
Stroke	macrophage	<i>TESK2</i>	-0.001294184	0.041950341	0.999780627	1
Stroke	macrophage	<i>TFEB</i>	-0.002615938	0.012399746	0.832537682	1
Stroke	macrophage	<i>TMCC3</i>	-0.00189157	0.035559224	0.999780627	1
Stroke	macrophage	<i>TMEM127</i>	-0.004312636	0.02960584	0.999780627	1
Stroke	macrophage	<i>TMEM170B</i>	-0.002310823	0.025621462	0.999780627	1
Stroke	macrophage	<i>TNFRSF10C</i>	-0.001322901	0.027422767	0.999780627	1
Stroke	macrophage	<i>TNFSF10</i>	-0.001536556	0.038620971	0.999780627	1
Stroke	macrophage	<i>TNRC18</i>	-0.001528545	0.043885051	0.999780627	1
Stroke	macrophage	<i>TPX2</i>	0.016862627	0.048649227	0.999780627	1
Stroke	macrophage	<i>TRAPPC5</i>	-0.011943589	0.009629135	0.832537682	1
Stroke	macrophage	<i>TRIM58</i>	-0.013517498	0.028097174	0.999780627	1
Stroke	macrophage	<i>TYK2</i>	-0.003076584	0.032516654	0.999780627	1
Stroke	macrophage	<i>TYMP</i>	-0.001825158	0.009314815	0.832537682	1
Stroke	macrophage	<i>UBASH3B</i>	-0.001846077	0.043262574	0.999780627	1
Stroke	macrophage	<i>UBN1</i>	-0.001205747	0.027121987	0.999780627	1
Stroke	macrophage	<i>USP15</i>	-0.000782342	0.004756206	0.74438238	1
Stroke	macrophage	<i>VAT1</i>	-0.00661833	0.012963475	0.832537682	1

Stroke	macrophage	<i>VATIL</i>	-0.010050523	0.025054946	0.999780627	1
Stroke	macrophage	<i>VMO1</i>	-0.00775729	0.027148941	0.999780627	1
Stroke	macrophage	<i>VMP1</i>	-0.000451911	0.027745883	0.999780627	1
Stroke	macrophage	<i>VNN2</i>	-0.001734991	0.0059681	0.760043732	1
Stroke	macrophage	<i>VNN3</i>	-0.004443436	0.005463693	0.759326197	1
Stroke	macrophage	<i>VPS37C</i>	-0.00417301	0.007181264	0.783708117	1
Stroke	macrophage	<i>VPS8</i>	-0.001216183	0.032720558	0.999780627	1
Stroke	macrophage	<i>VTIIA</i>	-0.000841782	0.042961339	0.999780627	1
Stroke	macrophage	<i>WHAMM</i>	-0.001984105	0.04454761	0.999780627	1
Stroke	macrophage	<i>WRB</i>	0.003397515	0.003099511	0.663994015	1
Stroke	macrophage	<i>WRN</i>	0.004171659	0.001982969	0.658928709	1
Stroke	macrophage	<i>XPO6</i>	-0.000667942	0.035734145	0.999780627	1
Stroke	macrophage	<i>XRCC2</i>	-0.011967072	0.011884668	0.832537682	1
Stroke	macrophage	<i>ZCWPW1</i>	-0.004232227	0.014039651	0.848506292	1
Stroke	macrophage	<i>ZDHHC2</i>	-0.002483721	0.034583086	0.999780627	1
Stroke	macrophage	<i>ZNF117</i>	0.002182331	0.045018867	0.999780627	1
Stroke	macrophage	<i>ZNF334</i>	0.00370129	0.016455375	0.882841495	1
Stroke	macrophage	<i>ZNF446</i>	-0.004411563	0.036020977	0.999780627	1
Stroke	macrophage	<i>ZNF652</i>	-0.001513222	0.009085833	0.832537682	1
Stroke	macrophage	<i>ZNF706</i>	0.003347311	0.04428011	0.999780627	1
Stroke	macrophage	<i>SI00A12</i>	-0.031841338	0.019357446	0.934279995	1
Stroke	macrophage	<i>RASA4B</i>	0.003976679	0.045078023	0.999780627	1
Stroke	mast_cell	<i>ABHD15</i>	-0.004439674	0.042900309	0.999904293	1
Stroke	mast_cell	<i>ABTB1</i>	-0.002421542	0.024096334	0.934896586	1
Stroke	mast_cell	<i>ACSL1</i>	-0.0006422	0.032750214	0.999904293	1
Stroke	mast_cell	<i>ACYP2</i>	0.001145283	0.033757227	0.999904293	1
Stroke	mast_cell	<i>ADIRF</i>	-0.001354681	0.04983331	0.999904293	1
Stroke	mast_cell	<i>ADORA2B</i>	-0.005911284	0.010032553	0.900287371	1
Stroke	mast_cell	<i>AHNAK2</i>	-0.003717798	0.016730676	0.900287371	1
Stroke	mast_cell	<i>AKR7A2</i>	-0.006270101	0.039939456	0.999904293	1
Stroke	mast_cell	<i>ALG8</i>	0.002253972	0.017854765	0.900287371	1
Stroke	mast_cell	<i>ALOX5</i>	-0.001124507	0.017764476	0.900287371	1
Stroke	mast_cell	<i>ALPK1</i>	-0.00143571	0.005930397	0.900287371	1
Stroke	mast_cell	<i>ANKRD45</i>	-0.013599512	0.040839118	0.999904293	1
Stroke	mast_cell	<i>ANTXR2</i>	-0.001366411	0.000796683	0.723626383	1
Stroke	mast_cell	<i>AP2S1</i>	-0.004797404	0.019798809	0.907264895	1
Stroke	mast_cell	<i>ARHGAP9</i>	-0.002522311	0.023089242	0.932939221	1
Stroke	mast_cell	<i>ARPC2</i>	-0.000793418	0.037857894	0.999904293	1
Stroke	mast_cell	<i>ARPC3</i>	-0.003150295	0.018916422	0.900287371	1
Stroke	mast_cell	<i>ATP5G3</i>	-0.00279376	0.018816864	0.900287371	1
Stroke	mast_cell	<i>AUTS2</i>	0.000502109	0.027007132	0.980868849	1
Stroke	mast_cell	<i>B3GNTL1</i>	-0.003784896	0.018016811	0.900287371	1
Stroke	mast_cell	<i>B4GALT5</i>	-0.001584073	0.040316521	0.999904293	1
Stroke	mast_cell	<i>BASPI</i>	-0.001037123	0.012959374	0.900287371	1
Stroke	mast_cell	<i>BBC3</i>	-0.014201136	0.00344313	0.723626383	1
Stroke	mast_cell	<i>BCR</i>	-0.001517441	0.040898801	0.999904293	1
Stroke	mast_cell	<i>BODIL1</i>	-0.002690158	0.002663128	0.723626383	1
Stroke	mast_cell	<i>BTNL8</i>	-0.00267614	0.029746718	0.999904293	1
Stroke	mast_cell	<i>C15orf61</i>	-0.00608489	0.032446811	0.999904293	1
Stroke	mast_cell	<i>C1QBP</i>	-0.006032508	0.045517896	0.999904293	1
Stroke	mast_cell	<i>C5AR1</i>	-0.00133645	0.00359972	0.723626383	1
Stroke	mast_cell	<i>C5orf22</i>	-0.002497968	0.044012987	0.999904293	1

Stroke	mast_cell	<i>C9orf66</i>	-0.005658199	0.02420089	0.934896586	1
Stroke	mast_cell	<i>C9orf72</i>	-0.001772374	0.008798079	0.900287371	1
Stroke	mast_cell	<i>CAAP1</i>	0.003315199	0.011369498	0.900287371	1
Stroke	mast_cell	<i>CAMLG</i>	-0.002488304	0.043724376	0.999904293	1
Stroke	mast_cell	<i>CBL</i>	-0.001432371	0.035928767	0.999904293	1
Stroke	mast_cell	<i>CCDC125</i>	-0.002864064	0.013358085	0.900287371	1
Stroke	mast_cell	<i>CCDC17</i>	-0.016477617	0.011153655	0.900287371	1
Stroke	mast_cell	<i>CD274</i>	-0.005491262	0.04657773	0.999904293	1
Stroke	mast_cell	<i>CDA</i>	-0.003057615	0.008644209	0.900287371	1
Stroke	mast_cell	<i>CDC27</i>	-0.002087848	0.043839436	0.999904293	1
Stroke	mast_cell	<i>CDK19</i>	-0.001676345	0.008328852	0.900287371	1
Stroke	mast_cell	<i>CEACAM4</i>	-0.008379816	0.000634463	0.723626383	1
Stroke	mast_cell	<i>CHI3L1</i>	-0.003559832	0.017975554	0.900287371	1
Stroke	mast_cell	<i>CHRD12</i>	-0.012192388	0.02174874	0.917862644	1
Stroke	mast_cell	<i>CHST11</i>	-0.00046498	0.018753739	0.900287371	1
Stroke	mast_cell	<i>CHST15</i>	-0.001008737	0.009216227	0.900287371	1
Stroke	mast_cell	<i>CLCN2</i>	-0.007167817	0.038276292	0.999904293	1
Stroke	mast_cell	<i>CLCNKA</i>	-0.021215914	0.039411306	0.999904293	1
Stroke	mast_cell	<i>CLDN23</i>	-0.014411713	0.0432217	0.999904293	1
Stroke	mast_cell	<i>CLEC4D</i>	-0.016470943	0.013157413	0.900287371	1
Stroke	mast_cell	<i>CLEC4E</i>	-0.002083791	0.00296547	0.723626383	1
Stroke	mast_cell	<i>COPE</i>	-0.003191469	0.014598988	0.900287371	1
Stroke	mast_cell	<i>COTL1</i>	-0.00215756	0.005407056	0.873312669	1
Stroke	mast_cell	<i>CPNE7</i>	0.031024811	0.020431025	0.907264895	1
Stroke	mast_cell	<i>CPPED1</i>	-0.000759456	0.003045983	0.723626383	1
Stroke	mast_cell	<i>CPQ</i>	-0.000704971	0.021100294	0.917862644	1
Stroke	mast_cell	<i>CREB3L1</i>	-0.006661354	0.046917265	0.999904293	1
Stroke	mast_cell	<i>CSTA</i>	-0.009434293	0.033236285	0.999904293	1
Stroke	mast_cell	<i>CTSS</i>	-0.00081954	0.003996831	0.770485968	1
Stroke	mast_cell	<i>CTSZ</i>	-0.003557926	0.002869946	0.723626383	1
Stroke	mast_cell	<i>CUX1</i>	-0.000965637	0.032948305	0.999904293	1
Stroke	mast_cell	<i>CYB5R3</i>	-0.003017455	0.011199442	0.900287371	1
Stroke	mast_cell	<i>DCT</i>	-0.010204493	0.00647101	0.900287371	1
Stroke	mast_cell	<i>DDX25</i>	-0.028271671	0.027404412	0.980868849	1
Stroke	mast_cell	<i>DENND5A</i>	-0.001244536	0.013440175	0.900287371	1
Stroke	mast_cell	<i>DHRS12</i>	0.003759017	0.048629693	0.999904293	1
Stroke	mast_cell	<i>DHX34</i>	-0.002381168	0.00301582	0.723626383	1
Stroke	mast_cell	<i>DISP2</i>	-0.014367191	0.035098782	0.999904293	1
Stroke	mast_cell	<i>DNPEP</i>	0.006030505	0.016040474	0.900287371	1
Stroke	mast_cell	<i>DNTTIP1</i>	-0.003026726	0.036437824	0.999904293	1
Stroke	mast_cell	<i>DOCK5</i>	-0.000473894	0.008748471	0.900287371	1
Stroke	mast_cell	<i>DOCK8</i>	-0.00039	0.045093634	0.999904293	1
Stroke	mast_cell	<i>DOK3</i>	-0.002779232	0.044252677	0.999904293	1
Stroke	mast_cell	<i>DSCAML1</i>	0.002101751	0.023729378	0.932939221	1
Stroke	mast_cell	<i>DUSP18</i>	-0.003861932	0.019104089	0.900287371	1
Stroke	mast_cell	<i>ELL</i>	-0.00175085	0.044808526	0.999904293	1
Stroke	mast_cell	<i>EPHB1</i>	-0.000721486	0.007829454	0.900287371	1
Stroke	mast_cell	<i>ERCC6</i>	0.001909641	0.044735736	0.999904293	1
Stroke	mast_cell	<i>ERMARD</i>	-0.004123222	0.048057108	0.999904293	1
Stroke	mast_cell	<i>ETV6</i>	-0.000974996	0.004730513	0.856276348	1
Stroke	mast_cell	<i>EYA3</i>	-0.002342404	0.021752754	0.917862644	1
Stroke	mast_cell	<i>F2RL1</i>	-0.02896373	0.016431061	0.900287371	1

Stroke	mast_cell	<i>FAHD1</i>	-0.007386862	0.034427989	0.999904293	1
Stroke	mast_cell	<i>FAM135B</i>	0.01215896	0.036630799	0.999904293	1
Stroke	mast_cell	<i>FAM19A2</i>	-0.002887862	0.016955902	0.900287371	1
Stroke	mast_cell	<i>FCAR</i>	-0.004233204	0.002561175	0.723626383	1
Stroke	mast_cell	<i>FCN1</i>	-0.000869685	0.044980163	0.999904293	1
Stroke	mast_cell	<i>FJX1</i>	-0.016033498	0.008035323	0.900287371	1
Stroke	mast_cell	<i>FPGT</i>	0.004099677	0.047449588	0.999904293	1
Stroke	mast_cell	<i>FPR1</i>	-0.001625883	0.005008755	0.856276348	1
Stroke	mast_cell	<i>FRA10AC1</i>	0.002310579	0.015086757	0.900287371	1
Stroke	mast_cell	<i>GDPD3</i>	-0.007085975	0.016952186	0.900287371	1
Stroke	mast_cell	<i>GLIPR2</i>	-0.002317601	0.017779627	0.900287371	1
Stroke	mast_cell	<i>GPR160</i>	-0.003629376	0.045507157	0.999904293	1
Stroke	mast_cell	<i>GRAMD1C</i>	-0.002537995	0.042020248	0.999904293	1
Stroke	mast_cell	<i>H3F3A</i>	-0.002893237	0.020495442	0.907264895	1
Stroke	mast_cell	<i>HCLS1</i>	-0.001123004	0.022526985	0.928422505	1
Stroke	mast_cell	<i>HDHD2</i>	0.009172033	0.011409851	0.900287371	1
Stroke	mast_cell	<i>HIST1H4E</i>	-0.013094725	0.003597853	0.723626383	1
Stroke	mast_cell	<i>HLA-DMA</i>	-0.001768998	0.047324725	0.999904293	1
Stroke	mast_cell	<i>HLA-G</i>	-0.007193629	0.049568724	0.999904293	1
Stroke	mast_cell	<i>HMBS</i>	-0.006384371	0.041524429	0.999904293	1
Stroke	mast_cell	<i>HPS3</i>	0.003369874	0.032297704	0.999904293	1
Stroke	mast_cell	<i>HRAS</i>	-0.008076099	0.002335522	0.723626383	1
Stroke	mast_cell	<i>HRK</i>	-0.01560341	0.002144948	0.723626383	1
Stroke	mast_cell	<i>HSD17B11</i>	-0.002433432	0.049672235	0.999904293	1
Stroke	mast_cell	<i>HSDL2</i>	-0.001451222	0.043443531	0.999904293	1
Stroke	mast_cell	<i>IFITM1</i>	-0.006000123	0.040160525	0.999904293	1
Stroke	mast_cell	<i>IFNAR2</i>	-0.001149518	0.020350221	0.907264895	1
Stroke	mast_cell	<i>IFRD1</i>	-0.001866231	0.021963581	0.917862644	1
Stroke	mast_cell	<i>IGF2R</i>	-0.000564774	0.044814714	0.999904293	1
Stroke	mast_cell	<i>IKBIP</i>	-0.001695213	0.015389654	0.900287371	1
Stroke	mast_cell	<i>IL4</i>	-0.02373036	0.013313203	0.900287371	1
Stroke	mast_cell	<i>IP6K1</i>	-0.002760137	0.041284989	0.999904293	1
Stroke	mast_cell	<i>IQGAP1</i>	-0.000863549	0.012427964	0.900287371	1
Stroke	mast_cell	<i>IRF6</i>	-0.01675077	0.026846528	0.980868849	1
Stroke	mast_cell	<i>KCNA1</i>	-0.011936851	0.032841976	0.999904293	1
Stroke	mast_cell	<i>KCNC3</i>	-0.010645771	0.033796693	0.999904293	1
Stroke	mast_cell	<i>KCNJ15</i>	-0.000622673	0.017837932	0.900287371	1
Stroke	mast_cell	<i>KDEL3</i>	-0.008328668	0.02586742	0.972862456	1
Stroke	mast_cell	<i>LGALS2</i>	-0.005678955	0.036232377	0.999904293	1
Stroke	mast_cell	<i>LILRA2</i>	-0.008211143	0.005015005	0.856276348	1
Stroke	mast_cell	<i>LILRA6</i>	-0.006848227	0.001879298	0.723626383	1
Stroke	mast_cell	<i>LILRB2</i>	-0.002859658	0.010503031	0.900287371	1
Stroke	mast_cell	<i>LILRB3</i>	-0.001679804	0.007230628	0.900287371	1
Stroke	mast_cell	<i>LINC00937</i>	-0.004603513	0.009343291	0.900287371	1
Stroke	mast_cell	<i>LITAF</i>	-0.000703589	0.019976673	0.907264895	1
Stroke	mast_cell	<i>LONP2</i>	0.001811498	0.044518298	0.999904293	1
Stroke	mast_cell	<i>LRMP</i>	-0.001345427	0.004600182	0.856276348	1
Stroke	mast_cell	<i>LRP11</i>	0.002778421	0.023135941	0.932939221	1
Stroke	mast_cell	<i>LRRC23</i>	-0.002785099	0.034081314	0.999904293	1
Stroke	mast_cell	<i>LRRC25</i>	-0.005444799	0.009581266	0.900287371	1
Stroke	mast_cell	<i>LRRK2</i>	-0.00067671	0.003264331	0.723626383	1
Stroke	mast_cell	<i>LSMEM1</i>	-0.009361193	0.007732563	0.900287371	1

Stroke	mast_cell	<i>LYZ</i>	-0.001429626	0.000747294	0.723626383	1
Stroke	mast_cell	<i>MAP3K5</i>	-0.000941835	0.020789328	0.913507525	1
Stroke	mast_cell	<i>MAPK11</i>	-0.008111443	0.042589002	0.999904293	1
Stroke	mast_cell	<i>MAPK14</i>	-0.00152863	0.018880245	0.900287371	1
Stroke	mast_cell	<i>MAPRE1</i>	-0.003778547	0.042455245	0.999904293	1
Stroke	mast_cell	<i>MEGF9</i>	-0.001094762	0.001926574	0.723626383	1
Stroke	mast_cell	<i>METTL15</i>	0.001705646	0.042400694	0.999904293	1
Stroke	mast_cell	<i>MFN2</i>	-0.007586394	0.001856708	0.723626383	1
Stroke	mast_cell	<i>MFSD5</i>	-0.006003482	0.04004392	0.999904293	1
Stroke	mast_cell	<i>MGAT3</i>	-0.005802019	0.04976742	0.999904293	1
Stroke	mast_cell	<i>MICAL2</i>	-0.002494311	0.002485873	0.723626383	1
Stroke	mast_cell	<i>MMP25</i>	-0.002199732	0.015728985	0.900287371	1
Stroke	mast_cell	<i>MOB1A</i>	-0.00296944	0.000399755	0.723626383	1
Stroke	mast_cell	<i>MOB3A</i>	-0.001586835	0.033913926	0.999904293	1
Stroke	mast_cell	<i>MRPL35</i>	-0.006886429	0.024248489	0.934896586	1
Stroke	mast_cell	<i>MRPL36</i>	-0.007278523	0.03851717	0.999904293	1
Stroke	mast_cell	<i>MTMR3</i>	-0.001358615	0.021852432	0.917862644	1
Stroke	mast_cell	<i>MX2</i>	-0.001124095	0.01587376	0.900287371	1
Stroke	mast_cell	<i>MYO1F</i>	-0.00046489	0.013118631	0.900287371	1
Stroke	mast_cell	<i>NBN</i>	-0.0022227	0.019718153	0.907264895	1
Stroke	mast_cell	<i>NDE1</i>	-0.001374449	0.008844198	0.900287371	1
Stroke	mast_cell	<i>NDUFA6</i>	-0.004727588	0.003319321	0.723626383	1
Stroke	mast_cell	<i>NEAT1</i>	-0.000327373	0.018124677	0.900287371	1
Stroke	mast_cell	<i>NECAP2</i>	0.003629826	0.043372384	0.999904293	1
Stroke	mast_cell	<i>NINJI</i>	-0.004932306	0.007191972	0.900287371	1
Stroke	mast_cell	<i>NUP43</i>	0.001976845	0.044784435	0.999904293	1
Stroke	mast_cell	<i>NUP50</i>	-0.003157557	0.034843331	0.999904293	1
Stroke	mast_cell	<i>OGFRL1</i>	-0.002629526	0.002040589	0.723626383	1
Stroke	mast_cell	<i>OLR1</i>	-0.011293695	0.032936603	0.999904293	1
Stroke	mast_cell	<i>OOEP</i>	-0.0094629	0.026659922	0.980868849	1
Stroke	mast_cell	<i>OSBPL9</i>	-0.001339979	0.043338959	0.999904293	1
Stroke	mast_cell	<i>OSCAR</i>	-0.004641742	0.001483043	0.723626383	1
Stroke	mast_cell	<i>PADI4</i>	-0.002114989	0.011027322	0.900287371	1
Stroke	mast_cell	<i>PARP4</i>	-0.001068789	0.038519058	0.999904293	1
Stroke	mast_cell	<i>PARVG</i>	-0.002967101	0.012284866	0.900287371	1
Stroke	mast_cell	<i>PDCD10</i>	0.001649502	0.018627137	0.900287371	1
Stroke	mast_cell	<i>PEX11G</i>	-0.009275659	0.02887716	0.999904293	1
Stroke	mast_cell	<i>PEX6</i>	-0.003032818	0.048714929	0.999904293	1
Stroke	mast_cell	<i>PGS1</i>	-0.002659457	0.023721956	0.932939221	1
Stroke	mast_cell	<i>PIAS1</i>	-0.000749928	0.031844791	0.999904293	1
Stroke	mast_cell	<i>PICALM</i>	-0.000629966	0.01823791	0.900287371	1
Stroke	mast_cell	<i>PILRA</i>	-0.001386097	0.012653571	0.900287371	1
Stroke	mast_cell	<i>PMS2</i>	-0.005162407	0.034333792	0.999904293	1
Stroke	mast_cell	<i>PPCDC</i>	-0.000868858	0.037521735	0.999904293	1
Stroke	mast_cell	<i>PPP2R5E</i>	0.001509803	0.021690771	0.917862644	1
Stroke	mast_cell	<i>PPT1</i>	-0.005138056	0.00081215	0.723626383	1
Stroke	mast_cell	<i>PRAMI</i>	-0.002294063	0.010181047	0.900287371	1
Stroke	mast_cell	<i>PTAFR</i>	-0.003958647	0.01017225	0.900287371	1
Stroke	mast_cell	<i>PTBP3</i>	-0.000973259	0.048721554	0.999904293	1
Stroke	mast_cell	<i>PTPRJ</i>	-0.00050443	0.03970516	0.999904293	1
Stroke	mast_cell	<i>PUS10</i>	0.003197615	0.014856789	0.900287371	1
Stroke	mast_cell	<i>RAB43</i>	-0.033970107	0.019972964	0.907264895	1

Stroke	mast_cell	<i>RAF1</i>	-0.002643798	0.001205222	0.723626383	1
Stroke	mast_cell	<i>RGS18</i>	-0.002650482	0.003632663	0.723626383	1
Stroke	mast_cell	<i>RGS19</i>	-0.003275411	0.047679483	0.999904293	1
Stroke	mast_cell	<i>RGS2</i>	-0.001671883	0.006840846	0.900287371	1
Stroke	mast_cell	<i>RILPL2</i>	-0.00209203	0.022233423	0.922687064	1
Stroke	mast_cell	<i>RIPK2</i>	-0.002930021	0.01836169	0.900287371	1
Stroke	mast_cell	<i>RIT1</i>	-0.006309457	0.039838105	0.999904293	1
Stroke	mast_cell	<i>RNASE6</i>	-0.005111002	0.045792964	0.999904293	1
Stroke	mast_cell	<i>RNF130</i>	-0.000817219	0.017656065	0.900287371	1
Stroke	mast_cell	<i>RNF149</i>	-0.000586575	0.007222359	0.900287371	1
Stroke	mast_cell	<i>RNF24</i>	-0.000491098	0.016666066	0.900287371	1
Stroke	mast_cell	<i>RPGRIP1</i>	-0.006979459	0.033726876	0.999904293	1
Stroke	mast_cell	<i>RPS11</i>	-0.001325375	0.033656352	0.999904293	1
Stroke	mast_cell	<i>RPS19BP1</i>	-0.006469029	0.047962921	0.999904293	1
Stroke	mast_cell	<i>RRM2B</i>	-0.004821857	0.030213214	0.999904293	1
Stroke	mast_cell	<i>RRP12</i>	-0.00328775	0.014780045	0.900287371	1
Stroke	mast_cell	<i>RTN2</i>	-0.007722074	0.035648927	0.999904293	1
Stroke	mast_cell	<i>RTN3</i>	-0.001152889	0.032262378	0.999904293	1
Stroke	mast_cell	<i>S100A8</i>	-0.002145291	0.018071635	0.900287371	1
Stroke	mast_cell	<i>S100A9</i>	-0.001396374	0.015267951	0.900287371	1
Stroke	mast_cell	<i>SAMD9L</i>	-0.001757798	0.03028962	0.999904293	1
Stroke	mast_cell	<i>SAP130</i>	0.003056839	0.046179034	0.999904293	1
Stroke	mast_cell	<i>SAYSD1</i>	-0.006410929	0.009010104	0.900287371	1
Stroke	mast_cell	<i>SEC14L1</i>	-0.000889782	0.033747625	0.999904293	1
Stroke	mast_cell	<i>SGSH</i>	-0.00561577	0.029996179	0.999904293	1
Stroke	mast_cell	<i>SIGLEC7</i>	-0.007487684	0.018812327	0.900287371	1
Stroke	mast_cell	<i>SIRPB1</i>	-0.009512209	0.005304757	0.873312669	1
Stroke	mast_cell	<i>SIRPB2</i>	-0.002623039	0.018146972	0.900287371	1
Stroke	mast_cell	<i>SLC22A15</i>	-0.00410193	0.001909927	0.723626383	1
Stroke	mast_cell	<i>SLC25A30</i>	-0.003806219	0.046035688	0.999904293	1
Stroke	mast_cell	<i>SLC25A37</i>	-0.000783949	0.024526519	0.939554331	1
Stroke	mast_cell	<i>SLC25A44</i>	-0.007810909	0.04374018	0.999904293	1
Stroke	mast_cell	<i>SLC36A1</i>	-0.002262704	0.038512296	0.999904293	1
Stroke	mast_cell	<i>SMCHD1</i>	-0.00039646	0.023523335	0.932939221	1
Stroke	mast_cell	<i>SMG9</i>	-0.003316251	0.031809922	0.999904293	1
Stroke	mast_cell	<i>SNX10</i>	-0.00178585	0.018485753	0.900287371	1
Stroke	mast_cell	<i>SNX27</i>	-0.002158809	0.010360849	0.900287371	1
Stroke	mast_cell	<i>SP110</i>	-0.001320611	0.025313494	0.963525106	1
Stroke	mast_cell	<i>SPRTN</i>	-0.002564918	0.048327118	0.999904293	1
Stroke	mast_cell	<i>SPSB2</i>	-0.004881959	0.027267241	0.980868849	1
Stroke	mast_cell	<i>SPTY2D1</i>	-0.003518828	0.022941801	0.932939221	1
Stroke	mast_cell	<i>SRI</i>	0.003777163	0.020175425	0.907264895	1
Stroke	mast_cell	<i>SRPK2</i>	-0.000437047	0.044262519	0.999904293	1
Stroke	mast_cell	<i>SULF2</i>	-0.001467394	0.014075055	0.900287371	1
Stroke	mast_cell	<i>SYK</i>	-0.000761138	0.00351549	0.723626383	1
Stroke	mast_cell	<i>TALDO1</i>	-0.003172885	0.017691475	0.900287371	1
Stroke	mast_cell	<i>TDRD9</i>	-0.009886821	0.009628265	0.900287371	1
Stroke	mast_cell	<i>TFEB</i>	-0.002668891	0.010784345	0.900287371	1
Stroke	mast_cell	<i>TGIF2</i>	-0.01149819	0.01468995	0.900287371	1
Stroke	mast_cell	<i>TICAM1</i>	-0.008315401	0.037262552	0.999904293	1
Stroke	mast_cell	<i>TMCC3</i>	-0.002211054	0.014072555	0.900287371	1
Stroke	mast_cell	<i>TMED9</i>	0.006679816	0.003404852	0.723626383	1

Stroke	mast_cell	<i>TMEM127</i>	-0.005477191	0.005921533	0.900287371	1
Stroke	mast_cell	<i>TMEM170B</i>	-0.00229914	0.026463697	0.980868849	1
Stroke	mast_cell	<i>TMEM45B</i>	-0.012600698	0.008985316	0.900287371	1
Stroke	mast_cell	<i>TNFRSF10C</i>	-0.001444793	0.016113214	0.900287371	1
Stroke	mast_cell	<i>TNFSF10</i>	-0.001624753	0.029152287	0.999904293	1
Stroke	mast_cell	<i>TNRC18</i>	-0.001537854	0.042590327	0.999904293	1
Stroke	mast_cell	<i>TRIM23</i>	0.001775285	0.029491303	0.999904293	1
Stroke	mast_cell	<i>TRIM9</i>	-0.011688316	0.044600569	0.999904293	1
Stroke	mast_cell	<i>TTC19</i>	0.001496792	0.012908841	0.900287371	1
Stroke	mast_cell	<i>TUBB8</i>	-0.009475756	0.035127846	0.999904293	1
Stroke	mast_cell	<i>TULP2</i>	-0.00436136	0.030669751	0.999904293	1
Stroke	mast_cell	<i>TYK2</i>	-0.00299444	0.037383613	0.999904293	1
Stroke	mast_cell	<i>TYMP</i>	-0.001491851	0.033619819	0.999904293	1
Stroke	mast_cell	<i>UBN1</i>	-0.001630146	0.002833642	0.723626383	1
Stroke	mast_cell	<i>UBOX5</i>	-0.003462746	0.013728548	0.900287371	1
Stroke	mast_cell	<i>UQCR10</i>	-0.003533885	0.027410492	0.980868849	1
Stroke	mast_cell	<i>USP15</i>	-0.000677211	0.01457754	0.900287371	1
Stroke	mast_cell	<i>VATIL</i>	-0.010584332	0.018273525	0.900287371	1
Stroke	mast_cell	<i>VNN2</i>	-0.001587048	0.011982115	0.900287371	1
Stroke	mast_cell	<i>VNN3</i>	-0.004208441	0.008582086	0.900287371	1
Stroke	mast_cell	<i>VPS28</i>	-0.003818471	0.025884393	0.972862456	1
Stroke	mast_cell	<i>VPS37C</i>	-0.003216413	0.038116391	0.999904293	1
Stroke	mast_cell	<i>VPS8</i>	-0.001119595	0.049441057	0.999904293	1
Stroke	mast_cell	<i>WDFY4</i>	-0.00095996	0.045124856	0.999904293	1
Stroke	mast_cell	<i>WDR19</i>	0.002741136	0.028940538	0.999904293	1
Stroke	mast_cell	<i>XPO6</i>	-0.000706279	0.02658938	0.980868849	1
Stroke	mast_cell	<i>XRCC2</i>	-0.011129931	0.019132613	0.900287371	1
Stroke	mast_cell	<i>YJEFN3</i>	-0.01405852	0.009544939	0.900287371	1
Stroke	mast_cell	<i>ZCWPW1</i>	-0.003909968	0.023415025	0.932939221	1
Stroke	mast_cell	<i>ZFAT</i>	-0.003283278	0.034667755	0.999904293	1
Stroke	mast_cell	<i>ZNF263</i>	-0.003092362	0.036974146	0.999904293	1
Stroke	mast_cell	<i>ZNF33A</i>	-0.00187832	0.049836774	0.999904293	1
Stroke	mast_cell	<i>ZNF547</i>	-0.024701774	0.013514696	0.900287371	1
Stroke	mast_cell	<i>ZNF664</i>	-0.006284169	0.03488519	0.999904293	1
Stroke	mast_cell	<i>ZNF792</i>	-0.01030388	0.03087178	0.999904293	1
Stroke	mast_cell	<i>ZNF816</i>	-0.012626018	0.021880948	0.917862644	1
Stroke	mast_cell	<i>SI00A12</i>	-0.028578129	0.036011068	0.999904293	1
Stroke	mast_cell	<i>DMRT3</i>	-0.008002959	0.046791388	0.999904293	1
Stroke	mast_cell	<i>LINC01123</i>	-0.008988512	0.009181634	0.900287371	1
Stroke	monocyte	<i>ABCA7</i>	-0.002751278	0.02502706	0.999948917	1
Stroke	monocyte	<i>ABCC3</i>	-0.002914707	0.042898719	0.999948917	1
Stroke	monocyte	<i>ABTB2</i>	-0.004520339	0.007940237	0.973895101	1
Stroke	monocyte	<i>ACAD9</i>	0.006213658	0.013440024	0.973895101	1
Stroke	monocyte	<i>ACADVL</i>	0.001545873	0.043123009	0.999948917	1
Stroke	monocyte	<i>ACOT11</i>	-0.002517629	0.047155911	0.999948917	1
Stroke	monocyte	<i>ACTR3</i>	-0.001095347	0.045927945	0.999948917	1
Stroke	monocyte	<i>ACYP2</i>	0.001063739	0.048425449	0.999948917	1
Stroke	monocyte	<i>AGER</i>	-0.006017894	0.043265866	0.999948917	1
Stroke	monocyte	<i>AGO1</i>	-0.004534339	0.048504493	0.999948917	1
Stroke	monocyte	<i>AGTPBP1</i>	-0.001174383	0.027813367	0.999948917	1
Stroke	monocyte	<i>ALOX5</i>	-0.001132497	0.016824941	0.999948917	1
Stroke	monocyte	<i>ALPK1</i>	-0.001168866	0.02512079	0.999948917	1

Stroke	monocyte	<i>ANO3</i>	0.001602021	0.037187885	0.999948917	1
Stroke	monocyte	<i>ARHGAP9</i>	-0.002250739	0.042602387	0.999948917	1
Stroke	monocyte	<i>ARPC2</i>	-0.001005937	0.008438165	0.973895101	1
Stroke	monocyte	<i>ARPC3</i>	-0.002755845	0.040294208	0.999948917	1
Stroke	monocyte	<i>ARRDC1</i>	-0.005573998	0.026317964	0.999948917	1
Stroke	monocyte	<i>ATP6V1E1</i>	-0.003604585	0.049405034	0.999948917	1
Stroke	monocyte	<i>B3GNTL1</i>	-0.004156211	0.009406991	0.973895101	1
Stroke	monocyte	<i>BASP1</i>	-0.000930755	0.025747372	0.999948917	1
Stroke	monocyte	<i>BBC3</i>	-0.010874892	0.024972386	0.999948917	1
Stroke	monocyte	<i>BEAN1</i>	0.003977572	0.016518538	0.999948917	1
Stroke	monocyte	<i>BODIL1</i>	-0.001864433	0.037297798	0.999948917	1
Stroke	monocyte	<i>C16orf87</i>	-0.006857216	0.017680087	0.999948917	1
Stroke	monocyte	<i>C19orf71</i>	-0.008377858	0.022282347	0.999948917	1
Stroke	monocyte	<i>C5AR1</i>	-0.001147019	0.012463814	0.973895101	1
Stroke	monocyte	<i>C8orf37</i>	-0.010520078	0.031937599	0.999948917	1
Stroke	monocyte	<i>CACUL1</i>	-0.001715861	0.032421258	0.999948917	1
Stroke	monocyte	<i>CAND1</i>	0.001904031	0.040018851	0.999948917	1
Stroke	monocyte	<i>CASP9</i>	-0.007363952	0.005133187	0.973895101	1
Stroke	monocyte	<i>CBL</i>	-0.001826896	0.007461442	0.973895101	1
Stroke	monocyte	<i>CCDC125</i>	-0.002516181	0.029680405	0.999948917	1
Stroke	monocyte	<i>CCDC17</i>	-0.012857957	0.04782913	0.999948917	1
Stroke	monocyte	<i>CD1D</i>	-0.00700941	0.045215855	0.999948917	1
Stroke	monocyte	<i>CD46</i>	-0.001299595	0.041786186	0.999948917	1
Stroke	monocyte	<i>CD82</i>	-0.002743656	0.007184921	0.973895101	1
Stroke	monocyte	<i>CDA</i>	-0.002971705	0.010693058	0.973895101	1
Stroke	monocyte	<i>CDH4</i>	-0.011082677	0.006447324	0.973895101	1
Stroke	monocyte	<i>CDK19</i>	-0.001609329	0.011436114	0.973895101	1
Stroke	monocyte	<i>CEACAM4</i>	-0.005550412	0.023664513	0.999948917	1
Stroke	monocyte	<i>CEP170</i>	-0.001275564	0.011938858	0.973895101	1
Stroke	monocyte	<i>CHI3L1</i>	-0.003232339	0.031614595	0.999948917	1
Stroke	monocyte	<i>CHMP3</i>	-0.003758029	0.048459824	0.999948917	1
Stroke	monocyte	<i>CHRD12</i>	-0.011383593	0.032157228	0.999948917	1
Stroke	monocyte	<i>CHST11</i>	-0.000489461	0.013361629	0.973895101	1
Stroke	monocyte	<i>CHST15</i>	-0.000780958	0.043772116	0.999948917	1
Stroke	monocyte	<i>CLEC12A</i>	-0.001632705	0.011687112	0.973895101	1
Stroke	monocyte	<i>CLEC12B</i>	-0.012041341	0.037965579	0.999948917	1
Stroke	monocyte	<i>CLEC4E</i>	-0.001734693	0.013353888	0.973895101	1
Stroke	monocyte	<i>COG4</i>	0.003235912	0.005483177	0.973895101	1
Stroke	monocyte	<i>COL25A1</i>	0.000393364	0.042783004	0.999948917	1
Stroke	monocyte	<i>COPE</i>	-0.003160965	0.015578567	0.999948917	1
Stroke	monocyte	<i>COTL1</i>	-0.002401042	0.001937954	0.871531515	1
Stroke	monocyte	<i>CPPED1</i>	-0.000764585	0.002841381	0.973895101	1
Stroke	monocyte	<i>CPQ</i>	-0.000741551	0.015232249	0.999948917	1
Stroke	monocyte	<i>CSTA</i>	-0.010557934	0.016835983	0.999948917	1
Stroke	monocyte	<i>CTDNEP1</i>	-0.007908186	0.024494884	0.999948917	1
Stroke	monocyte	<i>CTSS</i>	-0.000952038	0.000813835	0.810579447	1
Stroke	monocyte	<i>CTSZ</i>	-0.002395027	0.044810927	0.999948917	1
Stroke	monocyte	<i>CUX1</i>	-0.001110352	0.013901199	0.973895101	1
Stroke	monocyte	<i>DAAMI</i>	0.001314775	0.009902752	0.973895101	1
Stroke	monocyte	<i>DCHS1</i>	0.004353733	0.016054975	0.999948917	1
Stroke	monocyte	<i>DCP2</i>	-0.00255933	0.019832548	0.999948917	1
Stroke	monocyte	<i>DENND5A</i>	-0.00133381	0.008067878	0.973895101	1

Stroke	monocyte	<i>DHX34</i>	-0.002107645	0.008616466	0.973895101	1
Stroke	monocyte	<i>DOCK5</i>	-0.000471604	0.009079685	0.973895101	1
Stroke	monocyte	<i>DOK3</i>	-0.003896299	0.004729028	0.973895101	1
Stroke	monocyte	<i>DPYSL4</i>	-0.004189272	0.036843074	0.999948917	1
Stroke	monocyte	<i>DR1</i>	-0.002999554	0.009158225	0.973895101	1
Stroke	monocyte	<i>DYNLL2</i>	-0.00665081	0.022919909	0.999948917	1
Stroke	monocyte	<i>DYSF</i>	-0.000878074	0.037811842	0.999948917	1
Stroke	monocyte	<i>ELL</i>	-0.001777818	0.041649648	0.999948917	1
Stroke	monocyte	<i>EP300</i>	-0.00098911	0.036009759	0.999948917	1
Stroke	monocyte	<i>EPHB1</i>	-0.000554497	0.040919819	0.999948917	1
Stroke	monocyte	<i>ETV6</i>	-0.001126969	0.001085633	0.871531515	1
Stroke	monocyte	<i>F2RL1</i>	-0.031040156	0.01012373	0.973895101	1
Stroke	monocyte	<i>FAM19A2</i>	-0.002986184	0.013610257	0.973895101	1
Stroke	monocyte	<i>FCAR</i>	-0.003476054	0.013233908	0.973895101	1
Stroke	monocyte	<i>FIBP</i>	0.005312478	0.021704444	0.999948917	1
Stroke	monocyte	<i>FJX1</i>	-0.015984018	0.008155209	0.973895101	1
Stroke	monocyte	<i>FPR1</i>	-0.001540608	0.00782423	0.973895101	1
Stroke	monocyte	<i>GABRR2</i>	-0.007121664	0.049298001	0.999948917	1
Stroke	monocyte	<i>GDI2</i>	-0.001583286	0.036607634	0.999948917	1
Stroke	monocyte	<i>GDPD3</i>	-0.006137901	0.038806978	0.999948917	1
Stroke	monocyte	<i>GLIPR2</i>	-0.001933835	0.048005515	0.999948917	1
Stroke	monocyte	<i>GMEB2</i>	-0.00540779	0.024604929	0.999948917	1
Stroke	monocyte	<i>GPHN</i>	0.000884089	0.044686222	0.999948917	1
Stroke	monocyte	<i>GSKIP</i>	-0.006205208	0.006409197	0.973895101	1
Stroke	monocyte	<i>H3F3A</i>	-0.003112134	0.012637101	0.973895101	1
Stroke	monocyte	<i>HCLSI</i>	-0.001281628	0.009254814	0.973895101	1
Stroke	monocyte	<i>HDAC2</i>	-0.002089066	0.036048025	0.999948917	1
Stroke	monocyte	<i>HLA-DQB1</i>	-0.001138327	0.028341958	0.999948917	1
Stroke	monocyte	<i>HPS1</i>	-0.004740771	0.007678246	0.973895101	1
Stroke	monocyte	<i>HPS4</i>	0.001894094	0.040125079	0.999948917	1
Stroke	monocyte	<i>HRK</i>	-0.011161375	0.028115772	0.999948917	1
Stroke	monocyte	<i>HSPBAP1</i>	-0.002534078	0.038690629	0.999948917	1
Stroke	monocyte	<i>HTR7</i>	-0.004147102	0.00453855	0.973895101	1
Stroke	monocyte	<i>IFNAR2</i>	-0.001260896	0.010889082	0.973895101	1
Stroke	monocyte	<i>IFRD1</i>	-0.001781104	0.028683266	0.999948917	1
Stroke	monocyte	<i>IL17RA</i>	-0.001606442	0.005797703	0.973895101	1
Stroke	monocyte	<i>IL4</i>	-0.018818104	0.049248959	0.999948917	1
Stroke	monocyte	<i>IQGAP1</i>	-0.000781724	0.02376677	0.999948917	1
Stroke	monocyte	<i>KCNE3</i>	-0.005239913	0.019526533	0.999948917	1
Stroke	monocyte	<i>KCNJ15</i>	-0.000530613	0.04349115	0.999948917	1
Stroke	monocyte	<i>KIF16B</i>	-0.001286301	0.018370434	0.999948917	1
Stroke	monocyte	<i>KLF14</i>	-0.016616627	0.0139781	0.973895101	1
Stroke	monocyte	<i>LILRA2</i>	-0.006432145	0.027895248	0.999948917	1
Stroke	monocyte	<i>LILRB3</i>	-0.00141086	0.023965877	0.999948917	1
Stroke	monocyte	<i>LINC00937</i>	-0.004526685	0.010511321	0.973895101	1
Stroke	monocyte	<i>LITAF</i>	-0.000698737	0.020797925	0.999948917	1
Stroke	monocyte	<i>LPCAT2</i>	-0.001835192	0.012820397	0.973895101	1
Stroke	monocyte	<i>LRMP</i>	-0.001052584	0.026668308	0.999948917	1
Stroke	monocyte	<i>LRRC25</i>	-0.006097382	0.003723804	0.973895101	1
Stroke	monocyte	<i>LRRK2</i>	-0.000641942	0.005260727	0.973895101	1
Stroke	monocyte	<i>LY6K</i>	0.010594165	0.035125787	0.999948917	1
Stroke	monocyte	<i>MAEA</i>	-0.003108724	0.043890567	0.999948917	1

Stroke	monocyte	<i>MAPK14</i>	-0.001482289	0.022788637	0.999948917	1
Stroke	monocyte	<i>MAPRE1</i>	-0.003985211	0.032080078	0.999948917	1
Stroke	monocyte	<i>MCTP1</i>	-0.000441815	0.047564546	0.999948917	1
Stroke	monocyte	<i>MEGF9</i>	-0.000878807	0.012758306	0.973895101	1
Stroke	monocyte	<i>MFSD5</i>	-0.006550871	0.023666754	0.999948917	1
Stroke	monocyte	<i>MICAL2</i>	-0.0028057	0.000665358	0.810579447	1
Stroke	monocyte	<i>MILR1</i>	-0.004072257	0.040596146	0.999948917	1
Stroke	monocyte	<i>MPPE1</i>	-0.002927816	0.0353018	0.999948917	1
Stroke	monocyte	<i>MRPS26</i>	0.004069913	0.044345812	0.999948917	1
Stroke	monocyte	<i>MTMR3</i>	-0.001408455	0.017586595	0.999948917	1
Stroke	monocyte	<i>MX2</i>	-0.001230762	0.008278751	0.973895101	1
Stroke	monocyte	<i>MYOIF</i>	-0.000431798	0.021195242	0.999948917	1
Stroke	monocyte	<i>NBEAL2</i>	-0.00222206	0.027664654	0.999948917	1
Stroke	monocyte	<i>NBN</i>	-0.001895019	0.046257865	0.999948917	1
Stroke	monocyte	<i>NDE1</i>	-0.001335808	0.010933821	0.973895101	1
Stroke	monocyte	<i>NDUFAF5</i>	0.004525303	0.006852398	0.973895101	1
Stroke	monocyte	<i>NEAT1</i>	-0.000304365	0.02793851	0.999948917	1
Stroke	monocyte	<i>NFXL1</i>	-0.003823396	0.02718042	0.999948917	1
Stroke	monocyte	<i>NINJ1</i>	-0.003586314	0.049952711	0.999948917	1
Stroke	monocyte	<i>NT5C2</i>	-0.001261333	0.006644358	0.973895101	1
Stroke	monocyte	<i>OGFRL1</i>	-0.002084811	0.014433832	0.98018839	1
Stroke	monocyte	<i>OSCAR</i>	-0.004610433	0.001586338	0.871531515	1
Stroke	monocyte	<i>PADI2</i>	-0.003534187	0.028961442	0.999948917	1
Stroke	monocyte	<i>PADI4</i>	-0.002061276	0.013222256	0.973895101	1
Stroke	monocyte	<i>PEX6</i>	-0.003072093	0.045938654	0.999948917	1
Stroke	monocyte	<i>PIAS1</i>	-0.000862319	0.013573197	0.973895101	1
Stroke	monocyte	<i>PICALM</i>	-0.000834146	0.001775173	0.871531515	1
Stroke	monocyte	<i>PILRA</i>	-0.001943071	0.000457149	0.810579447	1
Stroke	monocyte	<i>PLCB2</i>	-0.002692716	0.04001049	0.999948917	1
Stroke	monocyte	<i>PM20D1</i>	0.004803818	0.017857246	0.999948917	1
Stroke	monocyte	<i>POLM</i>	-0.004724615	0.03400554	0.999948917	1
Stroke	monocyte	<i>PPP1R14B</i>	-0.00820347	0.026054926	0.999948917	1
Stroke	monocyte	<i>PPT1</i>	-0.004734051	0.00204174	0.871531515	1
Stroke	monocyte	<i>PRAMI</i>	-0.00240912	0.006866433	0.973895101	1
Stroke	monocyte	<i>PRMT6</i>	-0.015870577	0.003155896	0.973895101	1
Stroke	monocyte	<i>PSD4</i>	-0.002799336	0.03065686	0.999948917	1
Stroke	monocyte	<i>PSEN1</i>	-0.002070724	0.019974845	0.999948917	1
Stroke	monocyte	<i>PTAFR</i>	-0.005305161	0.000550957	0.810579447	1
Stroke	monocyte	<i>PTPRJ</i>	-0.00059791	0.014755471	0.990771866	1
Stroke	monocyte	<i>RAB43</i>	-0.031574675	0.029117821	0.999948917	1
Stroke	monocyte	<i>RALB</i>	-0.00312733	0.021153791	0.999948917	1
Stroke	monocyte	<i>RCBTB2</i>	-0.0022001	0.020214954	0.999948917	1
Stroke	monocyte	<i>RFWD2</i>	-0.000770859	0.005173718	0.973895101	1
Stroke	monocyte	<i>RGS18</i>	-0.003065641	0.000766835	0.810579447	1
Stroke	monocyte	<i>RGS2</i>	-0.001740882	0.004842991	0.973895101	1
Stroke	monocyte	<i>RHOT1</i>	-0.002025106	0.03463197	0.999948917	1
Stroke	monocyte	<i>RILPL2</i>	-0.002165119	0.017846459	0.999948917	1
Stroke	monocyte	<i>RNF130</i>	-0.000977303	0.00451587	0.973895101	1
Stroke	monocyte	<i>RNF14</i>	-0.00242343	0.020347421	0.999948917	1
Stroke	monocyte	<i>RNF149</i>	-0.000593154	0.006580206	0.973895101	1
Stroke	monocyte	<i>RNF24</i>	-0.000503564	0.014092381	0.973895101	1
Stroke	monocyte	<i>RNF7</i>	-0.004782753	0.047985458	0.999948917	1

Stroke	monocyte	<i>RPAP1</i>	0.00465339	0.036085928	0.999948917	1
Stroke	monocyte	<i>RPGRIP1</i>	-0.008868853	0.006908736	0.973895101	1
Stroke	monocyte	<i>RRM2B</i>	-0.004887709	0.028045479	0.999948917	1
Stroke	monocyte	<i>RRP12</i>	-0.003498504	0.009525166	0.973895101	1
Stroke	monocyte	<i>RTN3</i>	-0.001065658	0.047786607	0.999948917	1
Stroke	monocyte	<i>SI00A8</i>	-0.002329566	0.010245424	0.973895101	1
Stroke	monocyte	<i>SI00A9</i>	-0.001497435	0.009278515	0.973895101	1
Stroke	monocyte	<i>SAMD9</i>	-0.002433566	0.039893495	0.999948917	1
Stroke	monocyte	<i>SAMD9L</i>	-0.00166552	0.040129683	0.999948917	1
Stroke	monocyte	<i>SAYSD1</i>	-0.004862627	0.047582532	0.999948917	1
Stroke	monocyte	<i>SIRPB1</i>	-0.010568721	0.001971157	0.871531515	1
Stroke	monocyte	<i>SIRPB2</i>	-0.003187378	0.004092482	0.973895101	1
Stroke	monocyte	<i>SKIV2L</i>	-0.006933555	0.006449348	0.973895101	1
Stroke	monocyte	<i>SLC16A10</i>	0.004789207	0.043593406	0.999948917	1
Stroke	monocyte	<i>SLC22A15</i>	-0.003351644	0.011247875	0.973895101	1
Stroke	monocyte	<i>SLC22A18</i>	-0.006645124	0.035684836	0.999948917	1
Stroke	monocyte	<i>SLC24A4</i>	-0.002939574	0.034595573	0.999948917	1
Stroke	monocyte	<i>SLC25A37</i>	-0.000783024	0.024685381	0.999948917	1
Stroke	monocyte	<i>SLC2A9</i>	-0.002221129	0.047063751	0.999948917	1
Stroke	monocyte	<i>SLC36A1</i>	-0.002499209	0.022344391	0.999948917	1
Stroke	monocyte	<i>SLCO3A1</i>	-0.000556033	0.023625754	0.999948917	1
Stroke	monocyte	<i>SNHG8</i>	-0.003737262	0.02661346	0.999948917	1
Stroke	monocyte	<i>SNX10</i>	-0.002456329	0.001175465	0.871531515	1
Stroke	monocyte	<i>SNX27</i>	-0.002637054	0.001686702	0.871531515	1
Stroke	monocyte	<i>SOX7</i>	-0.008888034	0.003945596	0.973895101	1
Stroke	monocyte	<i>SPRTN</i>	-0.002847848	0.02910542	0.999948917	1
Stroke	monocyte	<i>SRPK2</i>	-0.000436793	0.044488925	0.999948917	1
Stroke	monocyte	<i>SSU72</i>	-0.003908173	0.036566143	0.999948917	1
Stroke	monocyte	<i>SYK</i>	-0.000533896	0.040584385	0.999948917	1
Stroke	monocyte	<i>TALDO1</i>	-0.002804152	0.036046475	0.999948917	1
Stroke	monocyte	<i>TFEB</i>	-0.00230626	0.027513417	0.999948917	1
Stroke	monocyte	<i>TGIF2</i>	-0.010658658	0.024027506	0.999948917	1
Stroke	monocyte	<i>THAP3</i>	-0.003727405	0.014178192	0.973895101	1
Stroke	monocyte	<i>TICAM1</i>	-0.009345081	0.019003675	0.999948917	1
Stroke	monocyte	<i>TM2D3</i>	-0.003711101	0.049380253	0.999948917	1
Stroke	monocyte	<i>TMCC3</i>	-0.001846703	0.040327287	0.999948917	1
Stroke	monocyte	<i>TMEM127</i>	-0.005053585	0.010900837	0.973895101	1
Stroke	monocyte	<i>TMEM177</i>	-0.00560376	0.02735262	0.999948917	1
Stroke	monocyte	<i>TMEM45B</i>	-0.011430271	0.017803145	0.999948917	1
Stroke	monocyte	<i>TNFRSF10C</i>	-0.001320379	0.027830573	0.999948917	1
Stroke	monocyte	<i>TOM1L1</i>	0.002364222	0.01732514	0.999948917	1
Stroke	monocyte	<i>TRMT44</i>	0.003401136	0.044797407	0.999948917	1
Stroke	monocyte	<i>TRPM6</i>	-0.005746229	0.011330763	0.973895101	1
Stroke	monocyte	<i>TYK2</i>	-0.002853114	0.047342036	0.999948917	1
Stroke	monocyte	<i>TYMP</i>	-0.002063937	0.003275707	0.973895101	1
Stroke	monocyte	<i>UBASH3B</i>	-0.00183525	0.044584637	0.999948917	1
Stroke	monocyte	<i>UBN1</i>	-0.001187768	0.029600996	0.999948917	1
Stroke	monocyte	<i>USP15</i>	-0.000725076	0.008921392	0.973895101	1
Stroke	monocyte	<i>VMP1</i>	-0.000765695	0.000191433	0.810579447	1
Stroke	monocyte	<i>VNN2</i>	-0.001259679	0.046064607	0.999948917	1
Stroke	monocyte	<i>VNN3</i>	-0.00333209	0.037312398	0.999948917	1
Stroke	monocyte	<i>VPS28</i>	-0.00374218	0.029720649	0.999948917	1

Stroke	monocyte	<i>VPS8</i>	-0.001185062	0.037560269	0.999948917	1
Stroke	monocyte	<i>VTI1A</i>	-0.000838608	0.043962776	0.999948917	1
Stroke	monocyte	<i>WDFY4</i>	-0.001088501	0.023343774	0.999948917	1
Stroke	monocyte	<i>WIP1I</i>	-0.003427414	0.022307467	0.999948917	1
Stroke	monocyte	<i>XPO6</i>	-0.000677751	0.033292353	0.999948917	1
Stroke	monocyte	<i>ZCWPW1</i>	-0.004983558	0.003795599	0.973895101	1
Stroke	monocyte	<i>ZFAT</i>	-0.003837011	0.013861145	0.973895101	1
Stroke	monocyte	<i>ZNF143</i>	-0.003224847	0.012383375	0.973895101	1
Stroke	monocyte	<i>ZNF223</i>	-0.016773832	0.032445323	0.999948917	1
Stroke	monocyte	<i>ZXDC</i>	-0.002195948	0.049296276	0.999948917	1
Stroke	monocyte	<i>SGCA</i>	-0.012813965	0.024927936	0.999948917	1
Stroke	monocyte	<i>TP53TG3D</i>	0.029124814	0.032216478	0.999948917	1
Stroke	monocyte	<i>SERPINA3</i>	-0.003892788	0.035413163	0.999948917	1
Stroke	monocyte	<i>URAD</i>	-0.026920186	0.003879893	0.973895101	1
Stroke	monocyte	<i>NKX6-1</i>	-0.004856117	0.003794855	0.973895101	1
Stroke	neutrophil	<i>ABHD3</i>	-0.001660805	0.023065645	0.999792352	1
Stroke	neutrophil	<i>ABTB1</i>	-0.002495316	0.020016719	0.999792352	1
Stroke	neutrophil	<i>ACSM4</i>	0.007233754	0.042737364	0.999792352	1
Stroke	neutrophil	<i>ADARB2</i>	-0.006430262	0.03672569	0.999792352	1
Stroke	neutrophil	<i>AGO1</i>	-0.006335064	0.005778744	0.999792352	1
Stroke	neutrophil	<i>AGTPBP1</i>	-0.001121578	0.035563525	0.999792352	1
Stroke	neutrophil	<i>ALG10</i>	-0.005860216	0.016790615	0.999792352	1
Stroke	neutrophil	<i>ALOX5</i>	-0.001241519	0.008805006	0.999792352	1
Stroke	neutrophil	<i>ALPK1</i>	-0.00143421	0.005955013	0.999792352	1
Stroke	neutrophil	<i>APBB1IP</i>	-0.000515358	0.01597901	0.999792352	1
Stroke	neutrophil	<i>ARHGAP8</i>	-0.013703874	0.018270274	0.999792352	1
Stroke	neutrophil	<i>ARPC3</i>	-0.003123106	0.020019489	0.999792352	1
Stroke	neutrophil	<i>ATG10</i>	-0.002317718	0.029066117	0.999792352	1
Stroke	neutrophil	<i>ATP6V0D2</i>	0.01263141	0.003366107	0.999792352	1
Stroke	neutrophil	<i>ATP6V1E1</i>	-0.004166908	0.02321624	0.999792352	1
Stroke	neutrophil	<i>B3GNTL1</i>	-0.004949034	0.001969981	0.999792352	1
Stroke	neutrophil	<i>BASP1</i>	-0.001005822	0.015875518	0.999792352	1
Stroke	neutrophil	<i>BOD1L1</i>	-0.001888596	0.035109692	0.999792352	1
Stroke	neutrophil	<i>BROX</i>	-0.003481771	0.046484471	0.999792352	1
Stroke	neutrophil	<i>C11orf24</i>	0.005154865	0.04992018	0.999792352	1
Stroke	neutrophil	<i>C15orf61</i>	-0.006966561	0.014221469	0.999792352	1
Stroke	neutrophil	<i>C19orf71</i>	-0.008600139	0.018953768	0.999792352	1
Stroke	neutrophil	<i>C8orf37</i>	-0.010522665	0.032849429	0.999792352	1
Stroke	neutrophil	<i>C9orf152</i>	-0.009991931	0.018494408	0.999792352	1
Stroke	neutrophil	<i>C9orf66</i>	-0.006951929	0.005439068	0.999792352	1
Stroke	neutrophil	<i>C9orf72</i>	-0.001336646	0.047601322	0.999792352	1
Stroke	neutrophil	<i>CANX</i>	-0.002674181	0.016092712	0.999792352	1
Stroke	neutrophil	<i>CARD16</i>	-0.006136763	0.039003453	0.999792352	1
Stroke	neutrophil	<i>CBL</i>	-0.001546692	0.023456418	0.999792352	1
Stroke	neutrophil	<i>CCDC125</i>	-0.002749809	0.01751685	0.999792352	1
Stroke	neutrophil	<i>CCDC17</i>	-0.015458252	0.017370031	0.999792352	1
Stroke	neutrophil	<i>CD164L2</i>	-0.004612421	0.046313292	0.999792352	1
Stroke	neutrophil	<i>CDA</i>	-0.00291205	0.012293856	0.999792352	1
Stroke	neutrophil	<i>CDH4</i>	-0.01084053	0.007656717	0.999792352	1
Stroke	neutrophil	<i>CDK19</i>	-0.001606656	0.011557889	0.999792352	1
Stroke	neutrophil	<i>CEACAM4</i>	-0.005328706	0.029659687	0.999792352	1
Stroke	neutrophil	<i>CHI3L1</i>	-0.003112884	0.038340553	0.999792352	1

Stroke	neutrophil	<i>CHRD12</i>	-0.010458246	0.048957744	0.999792352	1
Stroke	neutrophil	<i>CHST11</i>	-0.000433407	0.028321904	0.999792352	1
Stroke	neutrophil	<i>CHST15</i>	-0.001233991	0.001441353	0.999792352	1
Stroke	neutrophil	<i>CLEC12A</i>	-0.001418284	0.028623316	0.999792352	1
Stroke	neutrophil	<i>CLEC4D</i>	-0.014113426	0.033662684	0.999792352	1
Stroke	neutrophil	<i>CLEC4E</i>	-0.001956514	0.00521188	0.999792352	1
Stroke	neutrophil	<i>CLUAP1</i>	-0.003369666	0.036335231	0.999792352	1
Stroke	neutrophil	<i>COPE</i>	-0.003275158	0.012127233	0.999792352	1
Stroke	neutrophil	<i>COTL1</i>	-0.00222949	0.004029605	0.999792352	1
Stroke	neutrophil	<i>CPNE7</i>	-0.027093475	0.043681865	0.999792352	1
Stroke	neutrophil	<i>CPPED1</i>	-0.000733045	0.004188698	0.999792352	1
Stroke	neutrophil	<i>CPQ</i>	-0.000674654	0.02710624	0.999792352	1
Stroke	neutrophil	<i>CPVL</i>	-0.000725719	0.022498218	0.999792352	1
Stroke	neutrophil	<i>CSTA</i>	-0.012875571	0.003587755	0.999792352	1
Stroke	neutrophil	<i>CTBS</i>	-0.002641165	0.005656337	0.999792352	1
Stroke	neutrophil	<i>CTDNEP1</i>	-0.006904031	0.049463484	0.999792352	1
Stroke	neutrophil	<i>CTSS</i>	-0.000747427	0.00858127	0.999792352	1
Stroke	neutrophil	<i>CTSZ</i>	-0.002627433	0.027523197	0.999792352	1
Stroke	neutrophil	<i>CUX1</i>	-0.001263621	0.005095025	0.999792352	1
Stroke	neutrophil	<i>DAPPI</i>	-0.001252479	0.046646582	0.999792352	1
Stroke	neutrophil	<i>DENND5A</i>	-0.001265928	0.011893608	0.999792352	1
Stroke	neutrophil	<i>DHX34</i>	-0.001890101	0.018320373	0.999792352	1
Stroke	neutrophil	<i>DNAJC10</i>	-0.001377925	0.037632016	0.999792352	1
Stroke	neutrophil	<i>DNAJC21</i>	0.003820262	0.018083901	0.999792352	1
Stroke	neutrophil	<i>DNTTIP1</i>	-0.003053035	0.034908949	0.999792352	1
Stroke	neutrophil	<i>DOCK5</i>	-0.000568329	0.00164944	0.999792352	1
Stroke	neutrophil	<i>DOCK8</i>	-0.00051352	0.008378567	0.999792352	1
Stroke	neutrophil	<i>DOK3</i>	-0.002944201	0.032574141	0.999792352	1
Stroke	neutrophil	<i>ELL</i>	-0.002297355	0.008450211	0.999792352	1
Stroke	neutrophil	<i>EPHB1</i>	-0.000629651	0.020135922	0.999792352	1
Stroke	neutrophil	<i>EPN2</i>	0.001102677	0.026071246	0.999792352	1
Stroke	neutrophil	<i>ETV6</i>	-0.001017569	0.00317768	0.999792352	1
Stroke	neutrophil	<i>EYA3</i>	-0.002359686	0.020810428	0.999792352	1
Stroke	neutrophil	<i>F11R</i>	-0.007240415	0.019166138	0.999792352	1
Stroke	neutrophil	<i>F2RL1</i>	-0.024840318	0.039458962	0.999792352	1
Stroke	neutrophil	<i>FAHD1</i>	-0.010580949	0.002437173	0.999792352	1
Stroke	neutrophil	<i>FAM160A2</i>	-0.003378721	0.030136752	0.999792352	1
Stroke	neutrophil	<i>FAM162A</i>	0.00252653	0.049583247	0.999792352	1
Stroke	neutrophil	<i>FAM19A2</i>	-0.003138148	0.009499087	0.999792352	1
Stroke	neutrophil	<i>FAM98C</i>	-0.008470782	0.027583174	0.999792352	1
Stroke	neutrophil	<i>FCAR</i>	-0.003182175	0.023254855	0.999792352	1
Stroke	neutrophil	<i>FCERIA</i>	-0.003192917	0.014785724	0.999792352	1
Stroke	neutrophil	<i>FGFR3</i>	-0.017361655	0.037894926	0.999792352	1
Stroke	neutrophil	<i>FKBP7</i>	-0.005441669	0.018574243	0.999792352	1
Stroke	neutrophil	<i>FPR1</i>	-0.001541647	0.00775434	0.999792352	1
Stroke	neutrophil	<i>GALK1</i>	0.005348228	0.046050128	0.999792352	1
Stroke	neutrophil	<i>GALNT3</i>	-0.00303244	0.046286627	0.999792352	1
Stroke	neutrophil	<i>GAS2L2</i>	0.029099684	0.035213916	0.999792352	1
Stroke	neutrophil	<i>GPN2</i>	-0.004002104	0.036597214	0.999792352	1
Stroke	neutrophil	<i>GRIN3B</i>	0.01730941	0.049183658	0.999792352	1
Stroke	neutrophil	<i>GSKIP</i>	-0.00472227	0.037562012	0.999792352	1
Stroke	neutrophil	<i>H3F3A</i>	-0.003884269	0.001890694	0.999792352	1

Stroke	neutrophil	<i>HCG27</i>	-0.003430059	0.045851111	0.999792352	1
Stroke	neutrophil	<i>HPN</i>	0.008330953	0.049447573	0.999792352	1
Stroke	neutrophil	<i>HRK</i>	-0.011005707	0.030056904	0.999792352	1
Stroke	neutrophil	<i>HTR7</i>	-0.003732121	0.011182807	0.999792352	1
Stroke	neutrophil	<i>IFITM1</i>	-0.006115749	0.036293567	0.999792352	1
Stroke	neutrophil	<i>IFNAR2</i>	-0.001020385	0.039280338	0.999792352	1
Stroke	neutrophil	<i>IGF2R</i>	-0.000556859	0.047610386	0.999792352	1
Stroke	neutrophil	<i>IL17RA</i>	-0.001362675	0.019234383	0.999792352	1
Stroke	neutrophil	<i>IL17RB</i>	-0.014095729	0.038878428	0.999792352	1
Stroke	neutrophil	<i>IL4</i>	-0.024048063	0.012027615	0.999792352	1
Stroke	neutrophil	<i>IP6K1</i>	-0.002930285	0.030071563	0.999792352	1
Stroke	neutrophil	<i>IQGAP1</i>	-0.000677412	0.049510572	0.999792352	1
Stroke	neutrophil	<i>KCNE3</i>	-0.006493333	0.003873643	0.999792352	1
Stroke	neutrophil	<i>KCNJ15</i>	-0.000589688	0.024687286	0.999792352	1
Stroke	neutrophil	<i>KDM6B</i>	-0.003734352	0.047086339	0.999792352	1
Stroke	neutrophil	<i>LACTB</i>	-0.00210032	0.043613893	0.999792352	1
Stroke	neutrophil	<i>LAMTOR4</i>	-0.003319341	0.013406718	0.999792352	1
Stroke	neutrophil	<i>LGALS2</i>	-0.005838695	0.031253702	0.999792352	1
Stroke	neutrophil	<i>LILRA2</i>	-0.008204665	0.005018148	0.999792352	1
Stroke	neutrophil	<i>LILRB2</i>	-0.002477903	0.026381789	0.999792352	1
Stroke	neutrophil	<i>LILRB3</i>	-0.001795536	0.004037759	0.999792352	1
Stroke	neutrophil	<i>LINC00937</i>	-0.005547091	0.001720226	0.999792352	1
Stroke	neutrophil	<i>LITAF</i>	-0.000772913	0.010495303	0.999792352	1
Stroke	neutrophil	<i>LPCAT2</i>	-0.001624135	0.027618427	0.999792352	1
Stroke	neutrophil	<i>LRMP</i>	-0.001193142	0.011944812	0.999792352	1
Stroke	neutrophil	<i>LRRC25</i>	-0.005848034	0.005320483	0.999792352	1
Stroke	neutrophil	<i>LRRK2</i>	-0.000621878	0.006810735	0.999792352	1
Stroke	neutrophil	<i>LYZ</i>	-0.000954055	0.024314362	0.999792352	1
Stroke	neutrophil	<i>LZTR1</i>	-0.004491633	0.036837225	0.999792352	1
Stroke	neutrophil	<i>MAP3K1</i>	-0.000820286	0.038461626	0.999792352	1
Stroke	neutrophil	<i>MAP3K11</i>	-0.004108017	0.03713407	0.999792352	1
Stroke	neutrophil	<i>MAP3K5</i>	-0.000890672	0.028759052	0.999792352	1
Stroke	neutrophil	<i>MAPK14</i>	-0.001463237	0.024691303	0.999792352	1
Stroke	neutrophil	<i>MAPRE1</i>	-0.004493715	0.015773679	0.999792352	1
Stroke	neutrophil	<i>MEGF9</i>	-0.000715677	0.042252252	0.999792352	1
Stroke	neutrophil	<i>MGAT3</i>	-0.006718754	0.023369844	0.999792352	1
Stroke	neutrophil	<i>MGRN1</i>	-0.002102284	0.032782669	0.999792352	1
Stroke	neutrophil	<i>MICAL2</i>	-0.002564222	0.001856776	0.999792352	1
Stroke	neutrophil	<i>MOB1A</i>	-0.00167976	0.045424932	0.999792352	1
Stroke	neutrophil	<i>MPZL3</i>	-0.003019404	0.015258955	0.999792352	1
Stroke	neutrophil	<i>MRPL14</i>	-0.004665112	0.017140058	0.999792352	1
Stroke	neutrophil	<i>MUL1</i>	-0.009954728	0.017028484	0.999792352	1
Stroke	neutrophil	<i>MX2</i>	-0.001203557	0.009749858	0.999792352	1
Stroke	neutrophil	<i>MYO1F</i>	-0.000417973	0.025582203	0.999792352	1
Stroke	neutrophil	<i>NARS</i>	-0.001649575	0.03914282	0.999792352	1
Stroke	neutrophil	<i>NBEAL2</i>	-0.00201309	0.046039834	0.999792352	1
Stroke	neutrophil	<i>NDE1</i>	-0.001292973	0.013752477	0.999792352	1
Stroke	neutrophil	<i>NEAT1</i>	-0.000275584	0.046417792	0.999792352	1
Stroke	neutrophil	<i>NINJ1</i>	-0.003598982	0.049288971	0.999792352	1
Stroke	neutrophil	<i>NME1</i>	-0.008594458	0.015697497	0.999792352	1
Stroke	neutrophil	<i>NMI</i>	-0.003020243	0.033515398	0.999792352	1
Stroke	neutrophil	<i>NPIPA5</i>	-0.012354599	0.039024893	0.999792352	1

Stroke	neutrophil	<i>NSFL1C</i>	-0.004025903	0.003428535	0.999792352	1
Stroke	neutrophil	<i>NT5C2</i>	-0.001191791	0.010269552	0.999792352	1
Stroke	neutrophil	<i>NUAK2</i>	-0.006691489	0.005151995	0.999792352	1
Stroke	neutrophil	<i>OGFRL1</i>	-0.002373187	0.005340938	0.999792352	1
Stroke	neutrophil	<i>OSCAR</i>	-0.003973951	0.006421009	0.999792352	1
Stroke	neutrophil	<i>P2RX6</i>	0.011036959	0.041829352	0.999792352	1
Stroke	neutrophil	<i>PACRG</i>	-0.005431533	0.034131739	0.999792352	1
Stroke	neutrophil	<i>PADI2</i>	-0.004316941	0.007605605	0.999792352	1
Stroke	neutrophil	<i>PADI4</i>	-0.001879099	0.023736425	0.999792352	1
Stroke	neutrophil	<i>PARVG</i>	-0.002557627	0.030717599	0.999792352	1
Stroke	neutrophil	<i>PEAK1</i>	0.000947501	0.014210185	0.999792352	1
Stroke	neutrophil	<i>PIAS1</i>	-0.000755373	0.030495626	0.999792352	1
Stroke	neutrophil	<i>PICALM</i>	-0.000683474	0.010559586	0.999792352	1
Stroke	neutrophil	<i>PILRA</i>	-0.001421484	0.010311151	0.999792352	1
Stroke	neutrophil	<i>POLR2E</i>	-0.004764736	0.010832297	0.999792352	1
Stroke	neutrophil	<i>PPT1</i>	-0.003830705	0.012616248	0.999792352	1
Stroke	neutrophil	<i>PRAMI</i>	-0.00235819	0.008147918	0.999792352	1
Stroke	neutrophil	<i>PRSS23</i>	0.000760384	0.040037577	0.999792352	1
Stroke	neutrophil	<i>PSAP</i>	-0.001078189	0.00501027	0.999792352	1
Stroke	neutrophil	<i>PSEN1</i>	-0.001963729	0.027190459	0.999792352	1
Stroke	neutrophil	<i>PSMA4</i>	-0.003621303	0.029513951	0.999792352	1
Stroke	neutrophil	<i>PTAFR</i>	-0.003331721	0.030376936	0.999792352	1
Stroke	neutrophil	<i>PTPN12</i>	0.001143773	0.045758261	0.999792352	1
Stroke	neutrophil	<i>PTPRJ</i>	-0.000592816	0.015537299	0.999792352	1
Stroke	neutrophil	<i>RAB43</i>	-0.040948271	0.005491917	0.999792352	1
Stroke	neutrophil	<i>RAF1</i>	-0.001681208	0.039160829	0.999792352	1
Stroke	neutrophil	<i>RALB</i>	-0.003950989	0.003570006	0.999792352	1
Stroke	neutrophil	<i>RARRES2</i>	-0.001068034	0.046661022	0.999792352	1
Stroke	neutrophil	<i>RBM43</i>	-0.005701028	0.047384326	0.999792352	1
Stroke	neutrophil	<i>RGCC</i>	0.00156521	0.036045448	0.999792352	1
Stroke	neutrophil	<i>RGS18</i>	-0.002226441	0.014440096	0.999792352	1
Stroke	neutrophil	<i>RGS2</i>	-0.001654463	0.0073504	0.999792352	1
Stroke	neutrophil	<i>RILPL2</i>	-0.002960111	0.001193731	0.999792352	1
Stroke	neutrophil	<i>RIPK2</i>	-0.002843958	0.022009597	0.999792352	1
Stroke	neutrophil	<i>RIT1</i>	-0.009624384	0.001693546	0.999792352	1
Stroke	neutrophil	<i>RNASE6</i>	-0.006078475	0.01746627	0.999792352	1
Stroke	neutrophil	<i>RNF130</i>	-0.000826218	0.016431946	0.999792352	1
Stroke	neutrophil	<i>RNF149</i>	-0.000576338	0.008236168	0.999792352	1
Stroke	neutrophil	<i>RPGRIP1</i>	-0.008474287	0.009888629	0.999792352	1
Stroke	neutrophil	<i>RPUSD3</i>	-0.002921386	0.023401198	0.999792352	1
Stroke	neutrophil	<i>RRM2B</i>	-0.004761607	0.032392792	0.999792352	1
Stroke	neutrophil	<i>RRP12</i>	-0.00300157	0.02604561	0.999792352	1
Stroke	neutrophil	<i>RTN3</i>	-0.00114586	0.033264608	0.999792352	1
Stroke	neutrophil	<i>SI00A8</i>	-0.002298784	0.011216031	0.999792352	1
Stroke	neutrophil	<i>SI00A9</i>	-0.001487661	0.009673046	0.999792352	1
Stroke	neutrophil	<i>SAMD9</i>	-0.002340884	0.048185042	0.999792352	1
Stroke	neutrophil	<i>SAMD9L</i>	-0.001908227	0.018694721	0.999792352	1
Stroke	neutrophil	<i>SAYSD1</i>	-0.005071013	0.038826294	0.999792352	1
Stroke	neutrophil	<i>SFII</i>	0.001578828	0.049327953	0.999792352	1
Stroke	neutrophil	<i>SIRPB1</i>	-0.008783319	0.010089701	0.999792352	1
Stroke	neutrophil	<i>SIRPB2</i>	-0.002481797	0.025266668	0.999792352	1
Stroke	neutrophil	<i>SKIV2L</i>	-0.005126301	0.043584824	0.999792352	1

Stroke	neutrophil	<i>SLC22A15</i>	-0.003542382	0.007300774	0.999792352	1
Stroke	neutrophil	<i>SLC22A18</i>	-0.006885736	0.029544271	0.999792352	1
Stroke	neutrophil	<i>SLC24A4</i>	-0.002759515	0.047289455	0.999792352	1
Stroke	neutrophil	<i>SLC25A37</i>	-0.000762026	0.028698214	0.999792352	1
Stroke	neutrophil	<i>SLC26A10</i>	-0.009574002	0.032570607	0.999792352	1
Stroke	neutrophil	<i>SLC36A1</i>	-0.002958718	0.00679721	0.999792352	1
Stroke	neutrophil	<i>SMCHD1</i>	-0.000381214	0.029250895	0.999792352	1
Stroke	neutrophil	<i>SNX10</i>	-0.001613499	0.033159944	0.999792352	1
Stroke	neutrophil	<i>SPHK2</i>	0.003128136	0.019765299	0.999792352	1
Stroke	neutrophil	<i>SPTY2D1</i>	-0.003083429	0.046052675	0.999792352	1
Stroke	neutrophil	<i>SULT1B1</i>	-0.006447971	0.014067204	0.999792352	1
Stroke	neutrophil	<i>SYK</i>	-0.00061621	0.018030246	0.999792352	1
Stroke	neutrophil	<i>TFEB</i>	-0.002508897	0.016474247	0.999792352	1
Stroke	neutrophil	<i>TLN1</i>	-0.002001417	0.048084794	0.999792352	1
Stroke	neutrophil	<i>TMCC3</i>	-0.001832674	0.04163718	0.999792352	1
Stroke	neutrophil	<i>TMEM127</i>	-0.005051812	0.010712331	0.999792352	1
Stroke	neutrophil	<i>TMEM170B</i>	-0.00266976	0.009886849	0.999792352	1
Stroke	neutrophil	<i>TMEM45B</i>	-0.01033228	0.032035528	0.999792352	1
Stroke	neutrophil	<i>TNFRSF10C</i>	-0.001374827	0.021854413	0.999792352	1
Stroke	neutrophil	<i>TNRC18</i>	-0.001547384	0.041295356	0.999792352	1
Stroke	neutrophil	<i>TREML4</i>	-0.004210974	0.036358376	0.999792352	1
Stroke	neutrophil	<i>TRMT112</i>	-0.004466039	0.025159377	0.999792352	1
Stroke	neutrophil	<i>TTC1</i>	-0.002050616	0.035985413	0.999792352	1
Stroke	neutrophil	<i>TTC9C</i>	-0.002322562	0.040131449	0.999792352	1
Stroke	neutrophil	<i>TYMP</i>	-0.0018568	0.008136985	0.999792352	1
Stroke	neutrophil	<i>UBASH3B</i>	-0.001813628	0.047102505	0.999792352	1
Stroke	neutrophil	<i>UBN1</i>	-0.001371444	0.011953042	0.999792352	1
Stroke	neutrophil	<i>UCP3</i>	-0.020907627	0.039876229	0.999792352	1
Stroke	neutrophil	<i>USP15</i>	-0.000675345	0.014805208	0.999792352	1
Stroke	neutrophil	<i>VIM</i>	-0.000687187	0.047051557	0.999792352	1
Stroke	neutrophil	<i>VNN2</i>	-0.00150979	0.016709779	0.999792352	1
Stroke	neutrophil	<i>VNN3</i>	-0.003830473	0.016601327	0.999792352	1
Stroke	neutrophil	<i>VPS28</i>	-0.004037149	0.019034248	0.999792352	1
Stroke	neutrophil	<i>VPS8</i>	-0.001829598	0.001320986	0.999792352	1
Stroke	neutrophil	<i>WDFY4</i>	-0.000994641	0.038010946	0.999792352	1
Stroke	neutrophil	<i>WDR19</i>	0.002592196	0.038198155	0.999792352	1
Stroke	neutrophil	<i>WDR37</i>	-0.001626791	0.02837423	0.999792352	1
Stroke	neutrophil	<i>WDR5B</i>	-0.006769578	0.042419421	0.999792352	1
Stroke	neutrophil	<i>XPO6</i>	-0.000809364	0.01091098	0.999792352	1
Stroke	neutrophil	<i>YJEFN3</i>	-0.015337621	0.004711215	0.999792352	1
Stroke	neutrophil	<i>ZBTB38</i>	0.00118382	0.031777992	0.999792352	1
Stroke	neutrophil	<i>ZCWPW1</i>	-0.004028321	0.019281892	0.999792352	1
Stroke	neutrophil	<i>SIGLEC5</i>	-0.003073315	0.042986231	0.999792352	1
Stroke	nk_cell	<i>ABCA7</i>	-0.003111615	0.011086158	0.718241686	1
Stroke	nk_cell	<i>ABCC3</i>	-0.003375427	0.019130809	0.814981296	1
Stroke	nk_cell	<i>ABTB1</i>	-0.002409826	0.024799682	0.876728773	1
Stroke	nk_cell	<i>ACSL1</i>	-0.000678035	0.024134087	0.868827116	1
Stroke	nk_cell	<i>ADARB2</i>	-0.006421439	0.037033921	0.922144629	1
Stroke	nk_cell	<i>ADAT1</i>	-0.003603087	0.014420665	0.749373011	1
Stroke	nk_cell	<i>ADIRF</i>	-0.001466012	0.033788046	0.887672582	1
Stroke	nk_cell	<i>ADSSL1</i>	-0.008291348	0.018580193	0.814981296	1
Stroke	nk_cell	<i>AGO1</i>	-0.006977151	0.002351921	0.665304469	1

Stroke	nk_cell	<i>ALG10</i>	-0.005389684	0.027721757	0.886352171	1
Stroke	nk_cell	<i>ALOX5</i>	-0.001165036	0.013972359	0.738927596	1
Stroke	nk_cell	<i>ALPK1</i>	-0.001572936	0.002564447	0.665304469	1
Stroke	nk_cell	<i>ARHGAP8</i>	-0.012299443	0.034059526	0.887672582	1
Stroke	nk_cell	<i>ARL1</i>	-0.003945194	0.03796949	0.924994469	1
Stroke	nk_cell	<i>ARPC3</i>	-0.002929553	0.029174215	0.886352171	1
Stroke	nk_cell	<i>ARRDC1</i>	-0.005500182	0.028446468	0.886352171	1
Stroke	nk_cell	<i>ASPG</i>	-0.019014801	0.010151336	0.713892823	1
Stroke	nk_cell	<i>ATG14</i>	0.00218133	0.021798401	0.829727671	1
Stroke	nk_cell	<i>ATP6V1E1</i>	-0.004114006	0.025013425	0.876728773	1
Stroke	nk_cell	<i>AUTS2</i>	0.000479596	0.034755205	0.89387156	1
Stroke	nk_cell	<i>B3GNTL1</i>	-0.00513038	0.001359059	0.665304469	1
Stroke	nk_cell	<i>B4GALT5</i>	-0.001667163	0.030867153	0.887672582	1
Stroke	nk_cell	<i>BASP1</i>	-0.001048409	0.012019064	0.718241686	1
Stroke	nk_cell	<i>BBC3</i>	-0.011315951	0.019638104	0.814981296	1
Stroke	nk_cell	<i>BCL2L1</i>	0.001647293	0.038310972	0.924994469	1
Stroke	nk_cell	<i>BIN3</i>	-0.002103236	0.026403132	0.886352171	1
Stroke	nk_cell	<i>BODIL1</i>	-0.002242542	0.01233727	0.718241686	1
Stroke	nk_cell	<i>C19orf71</i>	-0.009040253	0.013621758	0.737649866	1
Stroke	nk_cell	<i>C5AR1</i>	-0.001112027	0.015364394	0.770986639	1
Stroke	nk_cell	<i>C8orf37</i>	-0.012646538	0.010273558	0.713892823	1
Stroke	nk_cell	<i>C9orf66</i>	-0.006757016	0.006982734	0.713892823	1
Stroke	nk_cell	<i>CAMK2N1</i>	-0.007017073	0.005708012	0.698281536	1
Stroke	nk_cell	<i>CARD16</i>	-0.008389103	0.004800247	0.680081159	1
Stroke	nk_cell	<i>CASC1</i>	-0.006869251	0.004643484	0.680081159	1
Stroke	nk_cell	<i>CCDC125</i>	-0.002396049	0.038262604	0.924994469	1
Stroke	nk_cell	<i>CCDC84</i>	0.001263598	0.045376193	0.958191277	1
Stroke	nk_cell	<i>CDA</i>	-0.002818115	0.015481659	0.770986639	1
Stroke	nk_cell	<i>CDH4</i>	-0.009450117	0.019852186	0.816603963	1
Stroke	nk_cell	<i>CDK19</i>	-0.001345884	0.034262616	0.887672582	1
Stroke	nk_cell	<i>CEACAM4</i>	-0.007654078	0.001806654	0.665304469	1
Stroke	nk_cell	<i>CENPU</i>	-0.007804003	0.046293812	0.970708135	1
Stroke	nk_cell	<i>CEP19</i>	-0.006465943	0.031185101	0.887672582	1
Stroke	nk_cell	<i>CEP63</i>	-0.001836204	0.031410519	0.887672582	1
Stroke	nk_cell	<i>CGGBP1</i>	0.001531693	0.027805419	0.886352171	1
Stroke	nk_cell	<i>CHI3L1</i>	-0.003630707	0.015772454	0.772591705	1
Stroke	nk_cell	<i>CHMP3</i>	-0.004770559	0.01235388	0.718241686	1
Stroke	nk_cell	<i>CHRD12</i>	-0.01165701	0.028085773	0.886352171	1
Stroke	nk_cell	<i>CHST11</i>	-0.000415085	0.035840701	0.90999001	1
Stroke	nk_cell	<i>CHST15</i>	-0.001334507	0.000571388	0.496312818	1
Stroke	nk_cell	<i>CLCN2</i>	-0.008888066	0.009696829	0.713892823	1
Stroke	nk_cell	<i>CLEC12A</i>	-0.001338007	0.039134701	0.924994469	1
Stroke	nk_cell	<i>CLEC4D</i>	-0.014648195	0.027074303	0.886352171	1
Stroke	nk_cell	<i>CLEC4E</i>	-0.001975734	0.004821409	0.680081159	1
Stroke	nk_cell	<i>COTL1</i>	-0.002170969	0.005121093	0.680081159	1
Stroke	nk_cell	<i>CPPED1</i>	-0.000881343	0.000581357	0.496312818	1
Stroke	nk_cell	<i>CPQ</i>	-0.000708545	0.020436105	0.816603963	1
Stroke	nk_cell	<i>CPVL</i>	-0.000717102	0.024124268	0.868827116	1
Stroke	nk_cell	<i>CTBS</i>	-0.002480081	0.008411161	0.713892823	1
Stroke	nk_cell	<i>CTSS</i>	-0.000840656	0.003132884	0.665304469	1
Stroke	nk_cell	<i>CTSZ</i>	-0.002556188	0.032078217	0.887672582	1
Stroke	nk_cell	<i>CUX1</i>	-0.001179967	0.00878258	0.713892823	1

Stroke	nk_cell	<i>DENND4C</i>	0.001058532	0.041410874	0.944206041	1
Stroke	nk_cell	<i>DENND5A</i>	-0.001377239	0.006292061	0.709459588	1
Stroke	nk_cell	<i>DHX34</i>	-0.002125225	0.008084865	0.713892823	1
Stroke	nk_cell	<i>DOCK5</i>	-0.000523129	0.003787959	0.680081159	1
Stroke	nk_cell	<i>DOK3</i>	-0.003539427	0.010015303	0.713892823	1
Stroke	nk_cell	<i>DSCAML1</i>	0.002007637	0.03111996	0.887672582	1
Stroke	nk_cell	<i>DUSP18</i>	-0.003637647	0.027211392	0.886352171	1
Stroke	nk_cell	<i>DYSF</i>	-0.000829723	0.049894855	0.99999589	1
Stroke	nk_cell	<i>EFHB</i>	0.004238548	0.0434816	0.944894691	1
Stroke	nk_cell	<i>EPDR1</i>	-0.002480795	0.048211396	0.999917744	1
Stroke	nk_cell	<i>EPHB1</i>	-0.000647043	0.017059913	0.7842311	1
Stroke	nk_cell	<i>EPN2</i>	0.001121917	0.023587624	0.868827116	1
Stroke	nk_cell	<i>ETV6</i>	-0.001106664	0.001334927	0.665304469	1
Stroke	nk_cell	<i>EYA3</i>	-0.00204592	0.045085579	0.958191277	1
Stroke	nk_cell	<i>FAM110A</i>	-0.004037816	0.044111555	0.948239757	1
Stroke	nk_cell	<i>FAM118A</i>	-0.003872323	0.016428153	0.779163805	1
Stroke	nk_cell	<i>FAM180B</i>	-0.006938138	0.043006629	0.944206041	1
Stroke	nk_cell	<i>FAM19A2</i>	-0.00312723	0.009755335	0.713892823	1
Stroke	nk_cell	<i>FAM213A</i>	0.001660664	0.021307595	0.827594043	1
Stroke	nk_cell	<i>FAM26E</i>	-0.009988007	0.019154331	0.814981296	1
Stroke	nk_cell	<i>FAM98C</i>	-0.008714263	0.023768635	0.868827116	1
Stroke	nk_cell	<i>FCAR</i>	-0.003880459	0.005719706	0.698281536	1
Stroke	nk_cell	<i>FCERIA</i>	-0.003941894	0.002606538	0.665304469	1
Stroke	nk_cell	<i>FCN1</i>	-0.001128817	0.009187757	0.713892823	1
Stroke	nk_cell	<i>FEZ2</i>	-0.000927419	0.019537063	0.814981296	1
Stroke	nk_cell	<i>FJX1</i>	-0.016913813	0.005063822	0.680081159	1
Stroke	nk_cell	<i>FKBP7</i>	-0.005033013	0.028936351	0.886352171	1
Stroke	nk_cell	<i>FLG</i>	0.00941353	0.029073185	0.886352171	1
Stroke	nk_cell	<i>FOLR3</i>	-0.011473275	0.043705578	0.946320786	1
Stroke	nk_cell	<i>FPR1</i>	-0.001458932	0.011776203	0.718241686	1
Stroke	nk_cell	<i>GDPD3</i>	-0.008487127	0.004274612	0.680081159	1
Stroke	nk_cell	<i>GLI4</i>	-0.005154519	0.03341533	0.887672582	1
Stroke	nk_cell	<i>GLIPR2</i>	-0.002406646	0.013770904	0.737649866	1
Stroke	nk_cell	<i>GLOD4</i>	-0.00668364	0.029334555	0.886352171	1
Stroke	nk_cell	<i>GMEB2</i>	-0.005157098	0.032225505	0.887672582	1
Stroke	nk_cell	<i>GPANK1</i>	-0.008043985	0.005441533	0.698281536	1
Stroke	nk_cell	<i>GSKIP</i>	-0.005346291	0.018547393	0.814981296	1
Stroke	nk_cell	<i>GTSF1</i>	0.010051991	0.020259718	0.816603963	1
Stroke	nk_cell	<i>H3F3A</i>	-0.002921396	0.019145223	0.814981296	1
Stroke	nk_cell	<i>HIST1H4E</i>	-0.011409957	0.011268443	0.718241686	1
Stroke	nk_cell	<i>HLA-DMA</i>	-0.001808959	0.042408968	0.944206041	1
Stroke	nk_cell	<i>HLA-DRA</i>	-0.000570492	0.037713496	0.924994469	1
Stroke	nk_cell	<i>HORMAD1</i>	-0.006811057	0.012426054	0.718241686	1
Stroke	nk_cell	<i>HPR</i>	-0.015343417	0.006659622	0.713892823	1
Stroke	nk_cell	<i>HRAS</i>	-0.005328223	0.045360609	0.958191277	1
Stroke	nk_cell	<i>HRK</i>	-0.013938619	0.006077128	0.706961618	1
Stroke	nk_cell	<i>HRNR</i>	-0.015891998	0.033580737	0.887672582	1
Stroke	nk_cell	<i>IFNAR2</i>	-0.001199044	0.015480315	0.770986639	1
Stroke	nk_cell	<i>IFRD1</i>	-0.001954975	0.016331118	0.779163805	1
Stroke	nk_cell	<i>IKBIP</i>	-0.001623111	0.020447839	0.816603963	1
Stroke	nk_cell	<i>IL17RA</i>	-0.001679746	0.003906906	0.680081159	1
Stroke	nk_cell	<i>IL4</i>	-0.023962823	0.01232528	0.718241686	1

Stroke	nk_cell	<i>KCNC3</i>	-0.01066502	0.032971102	0.887672582	1
Stroke	nk_cell	<i>KCNE3</i>	-0.005872163	0.008890421	0.713892823	1
Stroke	nk_cell	<i>KCNH4</i>	0.006447658	0.037284063	0.924521004	1
Stroke	nk_cell	<i>KCNJ15</i>	-0.000565055	0.031543657	0.887672582	1
Stroke	nk_cell	<i>KIAA0825</i>	-0.001234155	0.029253132	0.886352171	1
Stroke	nk_cell	<i>KIAA0930</i>	-0.003218771	0.039117508	0.924994469	1
Stroke	nk_cell	<i>KLHL7</i>	0.003381806	0.010538118	0.716884727	1
Stroke	nk_cell	<i>KPNA6</i>	0.002242243	0.016628615	0.780261036	1
Stroke	nk_cell	<i>LAMTOR4</i>	-0.002923303	0.029434873	0.886352171	1
Stroke	nk_cell	<i>LAPTM5</i>	-0.002034311	0.007215346	0.713892823	1
Stroke	nk_cell	<i>LGALS2</i>	-0.005328439	0.049483643	0.99999589	1
Stroke	nk_cell	<i>LILRA2</i>	-0.008063688	0.005842382	0.698281536	1
Stroke	nk_cell	<i>LILRA6</i>	-0.006481519	0.003228501	0.665304469	1
Stroke	nk_cell	<i>LILRB2</i>	-0.002683128	0.016327615	0.779163805	1
Stroke	nk_cell	<i>LILRB3</i>	-0.001615807	0.009734683	0.713892823	1
Stroke	nk_cell	<i>LINC00937</i>	-0.005635269	0.001445261	0.665304469	1
Stroke	nk_cell	<i>LINC00969</i>	0.001662691	0.026990553	0.886352171	1
Stroke	nk_cell	<i>LITAF</i>	-0.000721645	0.016967058	0.7842311	1
Stroke	nk_cell	<i>LPCAT2</i>	-0.001824778	0.013392788	0.737649866	1
Stroke	nk_cell	<i>LRMP</i>	-0.001016214	0.032300226	0.887672582	1
Stroke	nk_cell	<i>LRRC25</i>	-0.006243871	0.00295196	0.665304469	1
Stroke	nk_cell	<i>LRRK2</i>	-0.000630096	0.006151607	0.706961618	1
Stroke	nk_cell	<i>LURAP1</i>	-0.008649659	0.008519829	0.713892823	1
Stroke	nk_cell	<i>LYZ</i>	-0.000959821	0.02346809	0.868827116	1
Stroke	nk_cell	<i>MAP3K2</i>	-0.000983757	0.033692924	0.887672582	1
Stroke	nk_cell	<i>MAPK11</i>	-0.007830074	0.049712956	0.99999589	1
Stroke	nk_cell	<i>MAPK14</i>	-0.001546467	0.017552305	0.800706666	1
Stroke	nk_cell	<i>MAPRE1</i>	-0.005262698	0.004645064	0.680081159	1
Stroke	nk_cell	<i>MCTP1</i>	-0.000455798	0.0409513	0.944206041	1
Stroke	nk_cell	<i>MDM1</i>	-0.002411532	0.019554464	0.814981296	1
Stroke	nk_cell	<i>MDN1</i>	0.002870536	0.004424636	0.680081159	1
Stroke	nk_cell	<i>MEGF9</i>	-0.001011175	0.004135099	0.680081159	1
Stroke	nk_cell	<i>METTL4</i>	-0.002577775	0.040503042	0.944206041	1
Stroke	nk_cell	<i>MICAL2</i>	-0.002642079	0.001348384	0.665304469	1
Stroke	nk_cell	<i>MICU1</i>	-0.001645309	0.036919766	0.922144629	1
Stroke	nk_cell	<i>MOB1A</i>	-0.002586965	0.002036191	0.665304469	1
Stroke	nk_cell	<i>MOB3A</i>	-0.001467798	0.049498058	0.99999589	1
Stroke	nk_cell	<i>MRPL34</i>	-0.003998486	0.028047257	0.886352171	1
Stroke	nk_cell	<i>MRPL35</i>	-0.006675368	0.028897745	0.886352171	1
Stroke	nk_cell	<i>MRPS21</i>	0.003545258	0.032733218	0.887672582	1
Stroke	nk_cell	<i>MTMR10</i>	-0.002391095	0.045776213	0.963234684	1
Stroke	nk_cell	<i>MTMR11</i>	-0.013641139	0.000251172	0.496312818	1
Stroke	nk_cell	<i>MTMR3</i>	-0.001439921	0.015164499	0.770986639	1
Stroke	nk_cell	<i>MUC4</i>	0.007529821	0.034851418	0.89387156	1
Stroke	nk_cell	<i>MX2</i>	-0.001176245	0.011601817	0.718241686	1
Stroke	nk_cell	<i>MXD3</i>	-0.007927461	0.031693963	0.887672582	1
Stroke	nk_cell	<i>MYO1F</i>	-0.000433268	0.020772245	0.822085666	1
Stroke	nk_cell	<i>NAAA</i>	-0.002150476	0.040622506	0.944206041	1
Stroke	nk_cell	<i>NACCI</i>	0.007240845	0.04329191	0.944206041	1
Stroke	nk_cell	<i>NBEAL2</i>	-0.002200057	0.029264906	0.886352171	1
Stroke	nk_cell	<i>NDE1</i>	-0.001653982	0.001633801	0.665304469	1
Stroke	nk_cell	<i>NDUFB3</i>	-0.004375539	0.021746618	0.829727671	1

Stroke	nk_cell	<i>NEAT1</i>	-0.000281189	0.04230865	0.944206041	1
Stroke	nk_cell	<i>NELFE</i>	-0.006050677	0.023951168	0.868827116	1
Stroke	nk_cell	<i>NR1H3</i>	0.002904179	0.030978585	0.887672582	1
Stroke	nk_cell	<i>NSFL1C</i>	-0.002880546	0.036390378	0.917590295	1
Stroke	nk_cell	<i>NT5C2</i>	-0.001324297	0.004431044	0.680081159	1
Stroke	nk_cell	<i>NUP50</i>	-0.003831058	0.010556535	0.716884727	1
Stroke	nk_cell	<i>OGFRL1</i>	-0.002636538	0.001969834	0.665304469	1
Stroke	nk_cell	<i>OSCAR</i>	-0.004716247	0.001232793	0.665304469	1
Stroke	nk_cell	<i>PADI2</i>	-0.004305858	0.007726396	0.713892823	1
Stroke	nk_cell	<i>PADI4</i>	-0.002616712	0.001660108	0.665304469	1
Stroke	nk_cell	<i>PAPSS1</i>	-0.001621398	0.021368845	0.827594043	1
Stroke	nk_cell	<i>PAX6</i>	-0.010370131	0.042196166	0.944206041	1
Stroke	nk_cell	<i>PCSK1</i>	-0.005557845	0.042949789	0.944206041	1
Stroke	nk_cell	<i>PHIP</i>	-0.001199195	0.038627403	0.924994469	1
Stroke	nk_cell	<i>PIAS1</i>	-0.000754622	0.030733226	0.887672582	1
Stroke	nk_cell	<i>PICALM</i>	-0.000587384	0.02766421	0.886352171	1
Stroke	nk_cell	<i>PILRA</i>	-0.001512966	0.006450779	0.713886228	1
Stroke	nk_cell	<i>POLR2B</i>	0.002700135	0.011933875	0.718241686	1
Stroke	nk_cell	<i>PPT1</i>	-0.004586529	0.002832105	0.665304469	1
Stroke	nk_cell	<i>PRAMI</i>	-0.002582208	0.003798134	0.680081159	1
Stroke	nk_cell	<i>PSEN1</i>	-0.001799564	0.043122021	0.944206041	1
Stroke	nk_cell	<i>PTAFR</i>	-0.004636705	0.002543891	0.665304469	1
Stroke	nk_cell	<i>PTPN12</i>	0.001198288	0.036903187	0.922144629	1
Stroke	nk_cell	<i>RAB43</i>	-0.030132519	0.038462182	0.924994469	1
Stroke	nk_cell	<i>RAD51C</i>	-0.002629657	0.044092154	0.948239757	1
Stroke	nk_cell	<i>RALB</i>	-0.003524848	0.009284679	0.713892823	1
Stroke	nk_cell	<i>RASAL2-ASI</i>	-0.013387976	0.048488249	0.999917744	1
Stroke	nk_cell	<i>RBMS2</i>	0.002467386	0.016712418	0.780261036	1
Stroke	nk_cell	<i>RFWD2</i>	-0.000626802	0.02267044	0.857459167	1
Stroke	nk_cell	<i>RGS18</i>	-0.003155219	0.000529204	0.496312818	1
Stroke	nk_cell	<i>RGS2</i>	-0.001853491	0.002705792	0.665304469	1
Stroke	nk_cell	<i>RHPN1</i>	-0.009189554	0.035936687	0.90999001	1
Stroke	nk_cell	<i>RILPL2</i>	-0.003216542	0.000435081	0.496312818	1
Stroke	nk_cell	<i>RIPK2</i>	-0.003528558	0.004481507	0.680081159	1
Stroke	nk_cell	<i>RNF130</i>	-0.00092897	0.006995574	0.713892823	1
Stroke	nk_cell	<i>RNF149</i>	-0.000581081	0.007766657	0.713892823	1
Stroke	nk_cell	<i>RNF166</i>	-0.003056989	0.035518242	0.907081264	1
Stroke	nk_cell	<i>RNF187</i>	-0.009888586	0.021419075	0.827594043	1
Stroke	nk_cell	<i>RNF24</i>	-0.000519657	0.011301866	0.718241686	1
Stroke	nk_cell	<i>RPGRIP1</i>	-0.008590333	0.008827272	0.713892823	1
Stroke	nk_cell	<i>RPS19BP1</i>	-0.006565737	0.045068735	0.958191277	1
Stroke	nk_cell	<i>RRM2B</i>	-0.005898074	0.008183545	0.713892823	1
Stroke	nk_cell	<i>RTN3</i>	-0.001336047	0.01305337	0.729036799	1
Stroke	nk_cell	<i>SI00A8</i>	-0.002356932	0.009387077	0.713892823	1
Stroke	nk_cell	<i>SI00A9</i>	-0.001496417	0.009322547	0.713892823	1
Stroke	nk_cell	<i>SAMD9L</i>	-0.002105442	0.009492363	0.713892823	1
Stroke	nk_cell	<i>SARS2</i>	-0.007067607	0.03087075	0.887672582	1
Stroke	nk_cell	<i>SAYSD1</i>	-0.005066123	0.038996432	0.924994469	1
Stroke	nk_cell	<i>SH2D3A</i>	0.004155957	0.040052825	0.942345194	1
Stroke	nk_cell	<i>SIRPB1</i>	-0.011991532	0.000443948	0.496312818	1
Stroke	nk_cell	<i>SIRPB2</i>	-0.003133005	0.004747231	0.680081159	1
Stroke	nk_cell	<i>SKIV2L</i>	-0.005860885	0.021465374	0.827594043	1

Stroke	nk_cell	<i>SLC22A15</i>	-0.003496382	0.008106541	0.713892823	1
Stroke	nk_cell	<i>SLC24A4</i>	-0.002982924	0.031984202	0.887672582	1
Stroke	nk_cell	<i>SLC25A32</i>	0.003115135	0.012790288	0.72108264	1
Stroke	nk_cell	<i>SLC25A37</i>	-0.000813692	0.019520117	0.814981296	1
Stroke	nk_cell	<i>SLC26A10</i>	-0.009750627	0.029479025	0.886352171	1
Stroke	nk_cell	<i>SLC26A7</i>	0.00379589	0.041682077	0.944206041	1
Stroke	nk_cell	<i>SLC35F6</i>	-0.005381884	0.026857593	0.886352171	1
Stroke	nk_cell	<i>SLC36A1</i>	-0.002623993	0.016298267	0.779163805	1
Stroke	nk_cell	<i>SLC7A9</i>	-0.014016366	0.033884647	0.887672582	1
Stroke	nk_cell	<i>SLCO3A1</i>	-0.000544741	0.026553865	0.886352171	1
Stroke	nk_cell	<i>SMARCE1</i>	-0.002239228	0.043172396	0.944206041	1
Stroke	nk_cell	<i>SMCHD1</i>	-0.000414234	0.017927751	0.811638184	1
Stroke	nk_cell	<i>SNHG8</i>	-0.003729583	0.026895758	0.886352171	1
Stroke	nk_cell	<i>SNRPD2</i>	-0.003824208	0.042008107	0.944206041	1
Stroke	nk_cell	<i>SPP1</i>	-0.002676666	0.039160576	0.924994469	1
Stroke	nk_cell	<i>STAT2</i>	-0.002704793	0.031669023	0.887672582	1
Stroke	nk_cell	<i>STAT4</i>	0.000713289	0.033501903	0.887672582	1
Stroke	nk_cell	<i>STRN4</i>	-0.003934056	0.032213123	0.887672582	1
Stroke	nk_cell	<i>STX10</i>	-0.008266618	0.032756625	0.887672582	1
Stroke	nk_cell	<i>STX3</i>	-0.000605234	0.042826424	0.944206041	1
Stroke	nk_cell	<i>SULF2</i>	-0.001519484	0.01098204	0.718241686	1
Stroke	nk_cell	<i>SULT1B1</i>	-0.005832836	0.026289532	0.886352171	1
Stroke	nk_cell	<i>SYK</i>	-0.00078633	0.002547027	0.665304469	1
Stroke	nk_cell	<i>SYT7</i>	0.010869746	0.031976627	0.887672582	1
Stroke	nk_cell	<i>TAF13</i>	-0.007735516	0.020065855	0.816603963	1
Stroke	nk_cell	<i>TALDO1</i>	-0.003439286	0.010115776	0.713892823	1
Stroke	nk_cell	<i>TCIRG1</i>	-0.002400561	0.038941752	0.924994469	1
Stroke	nk_cell	<i>TDRD9</i>	-0.007789555	0.041033791	0.944206041	1
Stroke	nk_cell	<i>TESK2</i>	-0.001484712	0.019574325	0.814981296	1
Stroke	nk_cell	<i>TFEB</i>	-0.002328007	0.025986083	0.886352171	1
Stroke	nk_cell	<i>TGIF2</i>	-0.012171171	0.00982976	0.713892823	1
Stroke	nk_cell	<i>TICAM1</i>	-0.00904504	0.023143662	0.868827116	1
Stroke	nk_cell	<i>TMCC3</i>	-0.002314585	0.010158297	0.713892823	1
Stroke	nk_cell	<i>TMEM127</i>	-0.005030468	0.011345147	0.718241686	1
Stroke	nk_cell	<i>TMEM170B</i>	-0.002677537	0.009649347	0.713892823	1
Stroke	nk_cell	<i>TMEM38B</i>	-0.004012575	0.048523451	0.999917744	1
Stroke	nk_cell	<i>TMEM45B</i>	-0.009785684	0.042285824	0.944206041	1
Stroke	nk_cell	<i>TNFRSF10C</i>	-0.00133952	0.025647052	0.886352171	1
Stroke	nk_cell	<i>TNFSF10</i>	-0.00180569	0.01501117	0.770986639	1
Stroke	nk_cell	<i>TNK2</i>	-0.003595572	0.029515409	0.886352171	1
Stroke	nk_cell	<i>TNRC18</i>	-0.001622519	0.032409058	0.887672582	1
Stroke	nk_cell	<i>TRIM24</i>	-0.002632041	0.012499521	0.718241686	1
Stroke	nk_cell	<i>TRIM27</i>	-0.004525928	0.01888486	0.814981296	1
Stroke	nk_cell	<i>TRIM7</i>	-0.008476488	0.034312645	0.887672582	1
Stroke	nk_cell	<i>TRIM9</i>	-0.014380118	0.013461781	0.737649866	1
Stroke	nk_cell	<i>TRPT1</i>	-0.005933924	0.048477397	0.999917744	1
Stroke	nk_cell	<i>TSLP</i>	-0.015948134	0.000379739	0.496312818	1
Stroke	nk_cell	<i>TSPAN15</i>	0.002325974	0.005743683	0.698281536	1
Stroke	nk_cell	<i>TSPYL4</i>	-0.007456672	0.026440191	0.886352171	1
Stroke	nk_cell	<i>TUBB8</i>	-0.009633619	0.031663911	0.887672582	1
Stroke	nk_cell	<i>TUSC1</i>	-0.009233541	0.003228552	0.665304469	1
Stroke	nk_cell	<i>TYK2</i>	-0.00290598	0.043092486	0.944206041	1

Stroke	nk_cell	<i>TYMP</i>	-0.001836261	0.008879881	0.713892823	1
Stroke	nk_cell	<i>UBN1</i>	-0.001408574	0.009892183	0.713892823	1
Stroke	nk_cell	<i>UBR2</i>	-0.000938808	0.005118774	0.680081159	1
Stroke	nk_cell	<i>UBXN2B</i>	-0.003091233	0.025087119	0.876728773	1
Stroke	nk_cell	<i>UNC45B</i>	-0.044094107	0.033652291	0.887672582	1
Stroke	nk_cell	<i>UQCRI0</i>	-0.003262501	0.041548434	0.944206041	1
Stroke	nk_cell	<i>USP15</i>	-0.000690927	0.012679684	0.72108264	1
Stroke	nk_cell	<i>VATIL</i>	-0.011297799	0.011657931	0.718241686	1
Stroke	nk_cell	<i>VMPI</i>	-0.000516632	0.011929612	0.718241686	1
Stroke	nk_cell	<i>VNN2</i>	-0.00154733	0.014260503	0.74755057	1
Stroke	nk_cell	<i>VNN3</i>	-0.00416743	0.009197268	0.713892823	1
Stroke	nk_cell	<i>VPS37C</i>	-0.004572664	0.003211258	0.665304469	1
Stroke	nk_cell	<i>WDR55</i>	-0.005985907	0.023552555	0.868827116	1
Stroke	nk_cell	<i>XPO6</i>	-0.000704929	0.026808504	0.886352171	1
Stroke	nk_cell	<i>YPEL3</i>	-0.002294579	0.018423861	0.814981296	1
Stroke	nk_cell	<i>YTHDC2</i>	0.001061904	0.024294778	0.869374795	1
Stroke	nk_cell	<i>ZCWPW1</i>	-0.004242163	0.013824763	0.737649866	1
Stroke	nk_cell	<i>ZIK1</i>	-0.011585478	0.049456936	0.99999589	1
Stroke	nk_cell	<i>ZNFI00</i>	-0.001713592	0.041752786	0.944206041	1
Stroke	nk_cell	<i>ZNFI43</i>	-0.002994302	0.020497087	0.816603963	1
Stroke	nk_cell	<i>ZNFI248</i>	0.002403237	0.024772303	0.876728773	1
Stroke	nk_cell	<i>ZNFI503-ASI</i>	0.010280217	0.048503203	0.999917744	1
Stroke	nk_cell	<i>ZNFI837</i>	-0.019383824	0.0444125	0.95128709	1
Stroke	nk_cell	<i>ZXDC</i>	-0.002311238	0.038589986	0.924994469	1
Stroke	nk_cell	<i>DMRT3</i>	-0.009723637	0.015619373	0.771416307	1
Stroke	nk_cell	<i>HCG22</i>	-0.002777363	0.033652139	0.887672582	1
Stroke	pericyte	<i>AAMP</i>	-0.003516324	0.039437198	0.999180857	1
Stroke	pericyte	<i>ABCA7</i>	-0.003627986	0.003100342	0.999180857	1
Stroke	pericyte	<i>ABCC3</i>	-0.003133569	0.029776454	0.999180857	1
Stroke	pericyte	<i>ABHD3</i>	-0.001741417	0.017466006	0.999180857	1
Stroke	pericyte	<i>ABTB1</i>	-0.002353745	0.028306955	0.999180857	1
Stroke	pericyte	<i>ADAT1</i>	-0.003498793	0.017537723	0.999180857	1
Stroke	pericyte	<i>ALOX5</i>	-0.001586751	0.000817763	0.999180857	1
Stroke	pericyte	<i>ALPK1</i>	-0.001391652	0.007622617	0.999180857	1
Stroke	pericyte	<i>ANGEL1</i>	-0.003376081	0.04056168	0.999180857	1
Stroke	pericyte	<i>ANKRD36B</i>	0.001928828	0.020288566	0.999180857	1
Stroke	pericyte	<i>ANKRD44</i>	-0.000412802	0.025323309	0.999180857	1
Stroke	pericyte	<i>ANP32A</i>	-0.002447982	0.019275338	0.999180857	1
Stroke	pericyte	<i>AP1MI</i>	-0.003098635	0.048431614	0.999180857	1
Stroke	pericyte	<i>APBB1IP</i>	-0.000522713	0.014396489	0.999180857	1
Stroke	pericyte	<i>ARPC2</i>	-0.001102347	0.003905595	0.999180857	1
Stroke	pericyte	<i>ASGR2</i>	-0.007345931	0.025757783	0.999180857	1
Stroke	pericyte	<i>ATF6</i>	-0.001158154	0.012106872	0.999180857	1
Stroke	pericyte	<i>ATP10B</i>	0.012127038	0.000598273	0.999180857	1
Stroke	pericyte	<i>B3GNTL1</i>	-0.004014694	0.012034903	0.999180857	1
Stroke	pericyte	<i>B4GALT1</i>	-0.001556417	0.041735523	0.999180857	1
Stroke	pericyte	<i>BAHD1</i>	-0.003152336	0.046970946	0.999180857	1
Stroke	pericyte	<i>BASP1</i>	-0.001091918	0.008862309	0.999180857	1
Stroke	pericyte	<i>BODIL1</i>	-0.001925191	0.031551782	0.999180857	1
Stroke	pericyte	<i>C15orf61</i>	-0.006988945	0.01422525	0.999180857	1
Stroke	pericyte	<i>C1orf109</i>	0.003967176	0.04091277	0.999180857	1
Stroke	pericyte	<i>C5AR1</i>	-0.001238941	0.006981839	0.999180857	1

Stroke	pericyte	<i>C8orf33</i>	0.003481043	0.013517618	0.999180857	1
Stroke	pericyte	<i>C8orf37</i>	-0.010154553	0.039437888	0.999180857	1
Stroke	pericyte	<i>C9orf66</i>	-0.006646557	0.007925	0.999180857	1
Stroke	pericyte	<i>C9orf72</i>	-0.00136128	0.043817987	0.999180857	1
Stroke	pericyte	<i>CAPZA2</i>	-0.002613865	0.013450113	0.999180857	1
Stroke	pericyte	<i>CARD16</i>	-0.005994542	0.043609675	0.999180857	1
Stroke	pericyte	<i>CBL</i>	-0.001694477	0.013032789	0.999180857	1
Stroke	pericyte	<i>CCDC17</i>	-0.013033814	0.044682459	0.999180857	1
Stroke	pericyte	<i>CD164L2</i>	-0.006115503	0.007593792	0.999180857	1
Stroke	pericyte	<i>CDA</i>	-0.002971956	0.010681403	0.999180857	1
Stroke	pericyte	<i>CDC27</i>	-0.002068069	0.045402641	0.999180857	1
Stroke	pericyte	<i>CDH4</i>	-0.010483063	0.009760965	0.999180857	1
Stroke	pericyte	<i>CDK19</i>	-0.001600262	0.011912036	0.999180857	1
Stroke	pericyte	<i>CEACAM4</i>	-0.006776918	0.00574696	0.999180857	1
Stroke	pericyte	<i>CENPP</i>	0.001831911	0.033844065	0.999180857	1
Stroke	pericyte	<i>CEP104</i>	-0.002491809	0.038253638	0.999180857	1
Stroke	pericyte	<i>CEP63</i>	-0.001750522	0.040013322	0.999180857	1
Stroke	pericyte	<i>CEP95</i>	-0.001654022	0.03659627	0.999180857	1
Stroke	pericyte	<i>CHI3L1</i>	-0.003293228	0.028525767	0.999180857	1
Stroke	pericyte	<i>CHST11</i>	-0.000470142	0.017458673	0.999180857	1
Stroke	pericyte	<i>CHST15</i>	-0.001111978	0.004109098	0.999180857	1
Stroke	pericyte	<i>CHURC1</i>	0.001642345	0.034165797	0.999180857	1
Stroke	pericyte	<i>CLEC12A</i>	-0.001422683	0.028370965	0.999180857	1
Stroke	pericyte	<i>CLEC4D</i>	-0.015506604	0.019738918	0.999180857	1
Stroke	pericyte	<i>CLEC4E</i>	-0.001998582	0.004372354	0.999180857	1
Stroke	pericyte	<i>COPE</i>	-0.0036307	0.005472888	0.999180857	1
Stroke	pericyte	<i>COTL1</i>	-0.002006865	0.00974969	0.999180857	1
Stroke	pericyte	<i>CPPED1</i>	-0.000787079	0.002130351	0.999180857	1
Stroke	pericyte	<i>CPQ</i>	-0.000725729	0.017592737	0.999180857	1
Stroke	pericyte	<i>CPT1C</i>	0.011314171	0.013689601	0.999180857	1
Stroke	pericyte	<i>CPVL</i>	-0.000642452	0.043392814	0.999180857	1
Stroke	pericyte	<i>CTSS</i>	-0.000785681	0.005782506	0.999180857	1
Stroke	pericyte	<i>CTSZ</i>	-0.002674875	0.02488925	0.999180857	1
Stroke	pericyte	<i>CUX1</i>	-0.000923359	0.041060207	0.999180857	1
Stroke	pericyte	<i>CYB5R3</i>	-0.002625264	0.027272775	0.999180857	1
Stroke	pericyte	<i>CYP2C8</i>	0.038152856	0.023648713	0.999180857	1
Stroke	pericyte	<i>DDX5</i>	0.000630129	0.045648655	0.999180857	1
Stroke	pericyte	<i>DDX59</i>	0.00280059	0.049969458	0.999180857	1
Stroke	pericyte	<i>DENND5A</i>	-0.001079592	0.031878367	0.999180857	1
Stroke	pericyte	<i>DHX34</i>	-0.001971042	0.014018342	0.999180857	1
Stroke	pericyte	<i>DHX57</i>	-0.00350522	0.003381808	0.999180857	1
Stroke	pericyte	<i>DNTTIP1</i>	-0.002979425	0.039433546	0.999180857	1
Stroke	pericyte	<i>DOC2A</i>	-0.01073015	0.038249769	0.999180857	1
Stroke	pericyte	<i>DOCK5</i>	-0.000526594	0.003576494	0.999180857	1
Stroke	pericyte	<i>DOCK8</i>	-0.000424441	0.029285216	0.999180857	1
Stroke	pericyte	<i>DPYD</i>	-0.000542762	0.046026202	0.999180857	1
Stroke	pericyte	<i>DUSP23</i>	-0.008758522	0.037952654	0.999180857	1
Stroke	pericyte	<i>DYSF</i>	-0.00101614	0.016265649	0.999180857	1
Stroke	pericyte	<i>ELL</i>	-0.001788467	0.04026751	0.999180857	1
Stroke	pericyte	<i>EPCAM</i>	-0.014345863	0.033705037	0.999180857	1
Stroke	pericyte	<i>EPHB1</i>	-0.000635897	0.019085711	0.999180857	1
Stroke	pericyte	<i>EPS8L1</i>	-0.023669136	0.041535825	0.999180857	1

Stroke	pericyte	<i>ETV6</i>	-0.000974259	0.004754952	0.999180857	1
Stroke	pericyte	<i>F2RL1</i>	-0.033188301	0.005864468	0.999180857	1
Stroke	pericyte	<i>FAM110A</i>	-0.004214808	0.036008477	0.999180857	1
Stroke	pericyte	<i>FAM120B</i>	-0.001635248	0.046865612	0.999180857	1
Stroke	pericyte	<i>FAM19A2</i>	-0.002602005	0.031438397	0.999180857	1
Stroke	pericyte	<i>FAM228A</i>	0.029413184	0.032141418	0.999180857	1
Stroke	pericyte	<i>FCAR</i>	-0.003126503	0.025909277	0.999180857	1
Stroke	pericyte	<i>FCN1</i>	-0.000901095	0.037672726	0.999180857	1
Stroke	pericyte	<i>FPR1</i>	-0.001593022	0.005944993	0.999180857	1
Stroke	pericyte	<i>GDA</i>	-0.014141523	0.047332545	0.999180857	1
Stroke	pericyte	<i>GLIPR2</i>	-0.00201844	0.038810252	0.999180857	1
Stroke	pericyte	<i>GPR135</i>	0.004264458	0.038859229	0.999180857	1
Stroke	pericyte	<i>H1FX</i>	0.003733664	0.009904365	0.999180857	1
Stroke	pericyte	<i>H3F3A</i>	-0.002968387	0.017599767	0.999180857	1
Stroke	pericyte	<i>HIST1H4E</i>	-0.008938181	0.047244373	0.999180857	1
Stroke	pericyte	<i>HLTF</i>	0.00288909	0.026138919	0.999180857	1
Stroke	pericyte	<i>HRC</i>	0.007824811	0.028868699	0.999180857	1
Stroke	pericyte	<i>HRK</i>	-0.011289402	0.02607232	0.999180857	1
Stroke	pericyte	<i>IFNAR1</i>	-0.002200909	0.014190883	0.999180857	1
Stroke	pericyte	<i>IFNAR2</i>	-0.001004105	0.042714739	0.999180857	1
Stroke	pericyte	<i>IGF2R</i>	-0.000579644	0.039458349	0.999180857	1
Stroke	pericyte	<i>IGFLR1</i>	-0.013228782	0.046131449	0.999180857	1
Stroke	pericyte	<i>IL17RA</i>	-0.001459464	0.012245546	0.999180857	1
Stroke	pericyte	<i>IL4</i>	-0.018910343	0.048329	0.999180857	1
Stroke	pericyte	<i>IQGAP1</i>	-0.000784992	0.023009525	0.999180857	1
Stroke	pericyte	<i>KCNC3</i>	-0.010387293	0.038158574	0.999180857	1
Stroke	pericyte	<i>KCNMB4</i>	0.003993934	0.026539854	0.999180857	1
Stroke	pericyte	<i>KHNYN</i>	-0.003289769	0.034034539	0.999180857	1
Stroke	pericyte	<i>KLF14</i>	-0.017364252	0.010327084	0.999180857	1
Stroke	pericyte	<i>LAMTOR4</i>	-0.002803301	0.036722854	0.999180857	1
Stroke	pericyte	<i>LAPTM5</i>	-0.00176829	0.019301421	0.999180857	1
Stroke	pericyte	<i>LCAT</i>	0.005279723	0.016387744	0.999180857	1
Stroke	pericyte	<i>LGALS2</i>	-0.005423653	0.045340026	0.999180857	1
Stroke	pericyte	<i>LILRA2</i>	-0.006242105	0.032733192	0.999180857	1
Stroke	pericyte	<i>LILRA6</i>	-0.005550617	0.011497774	0.999180857	1
Stroke	pericyte	<i>LILRB2</i>	-0.00275494	0.013701094	0.999180857	1
Stroke	pericyte	<i>LILRB3</i>	-0.001427247	0.022403586	0.999180857	1
Stroke	pericyte	<i>LINC00937</i>	-0.005432269	0.002153803	0.999180857	1
Stroke	pericyte	<i>LITAF</i>	-0.000780288	0.009841589	0.999180857	1
Stroke	pericyte	<i>LRMP</i>	-0.000950021	0.045273622	0.999180857	1
Stroke	pericyte	<i>LRRC25</i>	-0.005218224	0.013031369	0.999180857	1
Stroke	pericyte	<i>LRRK2</i>	-0.000524823	0.022521044	0.999180857	1
Stroke	pericyte	<i>LYZ</i>	-0.001158718	0.006246281	0.999180857	1
Stroke	pericyte	<i>MAP2K4</i>	-0.001784554	0.047843987	0.999180857	1
Stroke	pericyte	<i>MAP3K5</i>	-0.000958049	0.018713813	0.999180857	1
Stroke	pericyte	<i>MAPK14</i>	-0.0015644	0.016295631	0.999180857	1
Stroke	pericyte	<i>ME3</i>	0.003164888	0.017753274	0.999180857	1
Stroke	pericyte	<i>MEGF9</i>	-0.000801816	0.023116622	0.999180857	1
Stroke	pericyte	<i>METAP1</i>	0.005206769	0.022050038	0.999180857	1
Stroke	pericyte	<i>MFSD7</i>	-0.004699647	0.024013692	0.999180857	1
Stroke	pericyte	<i>MICAL2</i>	-0.002339795	0.004494755	0.999180857	1
Stroke	pericyte	<i>MMP25</i>	-0.002272087	0.012631029	0.999180857	1

Stroke	pericyte	<i>MOB3A</i>	-0.001731704	0.020495359	0.999180857	1
Stroke	pericyte	<i>MROH7</i>	-0.011282247	0.042644572	0.999180857	1
Stroke	pericyte	<i>MTMR3</i>	-0.001162543	0.049994807	0.999180857	1
Stroke	pericyte	<i>MX2</i>	-0.001214121	0.009175491	0.999180857	1
Stroke	pericyte	<i>MYO1F</i>	-0.00040734	0.02972633	0.999180857	1
Stroke	pericyte	<i>MYO6</i>	0.001673699	0.026083834	0.999180857	1
Stroke	pericyte	<i>NBEAL2</i>	-0.002051641	0.042051417	0.999180857	1
Stroke	pericyte	<i>NDE1</i>	-0.001352764	0.009960295	0.999180857	1
Stroke	pericyte	<i>NEAT1</i>	-0.00038574	0.005387411	0.999180857	1
Stroke	pericyte	<i>NECAP2</i>	0.003508941	0.049778193	0.999180857	1
Stroke	pericyte	<i>NFYC</i>	-0.001662527	0.036988246	0.999180857	1
Stroke	pericyte	<i>NOL9</i>	0.003950775	0.037278504	0.999180857	1
Stroke	pericyte	<i>NPIPA5</i>	-0.012808339	0.032566922	0.999180857	1
Stroke	pericyte	<i>NT5C2</i>	-0.001112777	0.01665526	0.999180857	1
Stroke	pericyte	<i>NUP50</i>	-0.003620568	0.015548276	0.999180857	1
Stroke	pericyte	<i>NYAP1</i>	-0.010992205	0.040221805	0.999180857	1
Stroke	pericyte	<i>OGFRL1</i>	-0.001990108	0.019508428	0.999180857	1
Stroke	pericyte	<i>ORAI2</i>	-0.002677044	0.036970394	0.999180857	1
Stroke	pericyte	<i>OSCAR</i>	-0.004233101	0.003726998	0.999180857	1
Stroke	pericyte	<i>OVCHI-ASI</i>	-0.00328354	0.011133295	0.999180857	1
Stroke	pericyte	<i>PADI2</i>	-0.004498706	0.005377465	0.999180857	1
Stroke	pericyte	<i>PADI4</i>	-0.002213264	0.007807148	0.999180857	1
Stroke	pericyte	<i>PARVG</i>	-0.002415864	0.040986625	0.999180857	1
Stroke	pericyte	<i>PAX6</i>	-0.01161649	0.022748907	0.999180857	1
Stroke	pericyte	<i>PFN2</i>	-0.005608184	0.048113918	0.999180857	1
Stroke	pericyte	<i>PGS1</i>	-0.003007418	0.010319284	0.999180857	1
Stroke	pericyte	<i>PHF20L1</i>	-0.001469253	0.04137873	0.999180857	1
Stroke	pericyte	<i>PILRA</i>	-0.001252386	0.024136709	0.999180857	1
Stroke	pericyte	<i>PPT1</i>	-0.00429637	0.005161153	0.999180857	1
Stroke	pericyte	<i>PPTC7</i>	-0.002604475	0.012311675	0.999180857	1
Stroke	pericyte	<i>PRAMI</i>	-0.002228451	0.012509524	0.999180857	1
Stroke	pericyte	<i>PSEN1</i>	-0.002205239	0.013112005	0.999180857	1
Stroke	pericyte	<i>PSMB3</i>	-0.004952044	0.044828709	0.999180857	1
Stroke	pericyte	<i>PTAFR</i>	-0.00395093	0.010276603	0.999180857	1
Stroke	pericyte	<i>PTPRJ</i>	-0.000703472	0.004136537	0.999180857	1
Stroke	pericyte	<i>QRICH2</i>	0.006895456	0.021038333	0.999180857	1
Stroke	pericyte	<i>RALB</i>	-0.003887898	0.004097914	0.999180857	1
Stroke	pericyte	<i>RAPGEF6</i>	0.004956144	0.010364987	0.999180857	1
Stroke	pericyte	<i>RARRES2</i>	-0.001066234	0.048046477	0.999180857	1
Stroke	pericyte	<i>RELL1</i>	-0.001727657	0.02757557	0.999180857	1
Stroke	pericyte	<i>RFC3</i>	0.002323729	0.04867799	0.999180857	1
Stroke	pericyte	<i>RFWD2</i>	-0.000755176	0.006214843	0.999180857	1
Stroke	pericyte	<i>RGS11</i>	0.003893413	0.021651511	0.999180857	1
Stroke	pericyte	<i>RGS18</i>	-0.002356761	0.009639696	0.999180857	1
Stroke	pericyte	<i>RGS2</i>	-0.001765981	0.004268492	0.999180857	1
Stroke	pericyte	<i>RILPL2</i>	-0.002676442	0.003399548	0.999180857	1
Stroke	pericyte	<i>RIPK2</i>	-0.002938146	0.017882049	0.999180857	1
Stroke	pericyte	<i>RIT1</i>	-0.007075971	0.020823965	0.999180857	1
Stroke	pericyte	<i>RNF130</i>	-0.000976518	0.004558838	0.999180857	1
Stroke	pericyte	<i>RNF149</i>	-0.00060106	0.005898827	0.999180857	1
Stroke	pericyte	<i>RNF24</i>	-0.000536782	0.008859196	0.999180857	1
Stroke	pericyte	<i>RPS10</i>	-0.008420723	0.046989961	0.999180857	1

Stroke	pericyte	<i>RPS11</i>	-0.001272953	0.041317221	0.999180857	1
Stroke	pericyte	<i>RRP12</i>	-0.003683124	0.006260675	0.999180857	1
Stroke	pericyte	<i>RTEL1</i>	-0.019851116	0.014553897	0.999180857	1
Stroke	pericyte	<i>RTN2</i>	-0.01116331	0.002438682	0.999180857	1
Stroke	pericyte	<i>SI00A8</i>	-0.002449654	0.006941512	0.999180857	1
Stroke	pericyte	<i>SI00A9</i>	-0.001622082	0.004830888	0.999180857	1
Stroke	pericyte	<i>SAMD9</i>	-0.002605355	0.027699927	0.999180857	1
Stroke	pericyte	<i>SAMD9L</i>	-0.001617371	0.04618386	0.999180857	1
Stroke	pericyte	<i>SAYS1</i>	-0.004985681	0.042076594	0.999180857	1
Stroke	pericyte	<i>SERGEF</i>	-0.001590445	0.049242289	0.999180857	1
Stroke	pericyte	<i>SGSH</i>	-0.005442428	0.033428379	0.999180857	1
Stroke	pericyte	<i>SIGLEC7</i>	-0.008645669	0.006556678	0.999180857	1
Stroke	pericyte	<i>SIRPB1</i>	-0.008502137	0.012686865	0.999180857	1
Stroke	pericyte	<i>SIRPB2</i>	-0.003114446	0.005022525	0.999180857	1
Stroke	pericyte	<i>SKIV2L</i>	-0.005007881	0.048696068	0.999180857	1
Stroke	pericyte	<i>SLC22A15</i>	-0.002979714	0.023951923	0.999180857	1
Stroke	pericyte	<i>SLC25A17</i>	-0.005461385	0.011195438	0.999180857	1
Stroke	pericyte	<i>SLC25A37</i>	-0.00084215	0.015670003	0.999180857	1
Stroke	pericyte	<i>SLC44A2</i>	-0.001961246	0.0167248	0.999180857	1
Stroke	pericyte	<i>SMCHD1</i>	-0.000380773	0.029663217	0.999180857	1
Stroke	pericyte	<i>SMG9</i>	-0.00352207	0.023214272	0.999180857	1
Stroke	pericyte	<i>SNX27</i>	-0.001658542	0.048052933	0.999180857	1
Stroke	pericyte	<i>SP110</i>	-0.001323634	0.024996794	0.999180857	1
Stroke	pericyte	<i>STRADA</i>	-0.004101576	0.045778774	0.999180857	1
Stroke	pericyte	<i>SYK</i>	-0.000583966	0.025017846	0.999180857	1
Stroke	pericyte	<i>TDRD9</i>	-0.010056715	0.008490236	0.999180857	1
Stroke	pericyte	<i>TFEB</i>	-0.002228095	0.033239362	0.999180857	1
Stroke	pericyte	<i>TGIF2</i>	-0.010390354	0.027770912	0.999180857	1
Stroke	pericyte	<i>TMCC3</i>	-0.00233186	0.009631424	0.999180857	1
Stroke	pericyte	<i>TMEM127</i>	-0.004904953	0.013368761	0.999180857	1
Stroke	pericyte	<i>TMEM170B</i>	-0.002050554	0.047681645	0.999180857	1
Stroke	pericyte	<i>TMEM184B</i>	-0.002418597	0.020788261	0.999180857	1
Stroke	pericyte	<i>TNFRSF10C</i>	-0.00145206	0.01555503	0.999180857	1
Stroke	pericyte	<i>TNFSF10</i>	-0.001578171	0.033633442	0.999180857	1
Stroke	pericyte	<i>TNRC18</i>	-0.001530933	0.043372329	0.999180857	1
Stroke	pericyte	<i>TRANK1</i>	-0.001610964	0.038256694	0.999180857	1
Stroke	pericyte	<i>TRAPPC12</i>	-0.001677668	0.037121892	0.999180857	1
Stroke	pericyte	<i>TSPAN15</i>	0.001989592	0.018438063	0.999180857	1
Stroke	pericyte	<i>TULP2</i>	-0.005150341	0.010728051	0.999180857	1
Stroke	pericyte	<i>TYK2</i>	-0.002972245	0.038636806	0.999180857	1
Stroke	pericyte	<i>TYMP</i>	-0.001852847	0.008269886	0.999180857	1
Stroke	pericyte	<i>UBASH3B</i>	-0.001885692	0.038960017	0.999180857	1
Stroke	pericyte	<i>UBN1</i>	-0.001464509	0.007331047	0.999180857	1
Stroke	pericyte	<i>UBXN2B</i>	-0.003045305	0.027169368	0.999180857	1
Stroke	pericyte	<i>UHRF1BP1</i>	0.00299441	0.02877842	0.999180857	1
Stroke	pericyte	<i>USP15</i>	-0.000659867	0.017312973	0.999180857	1
Stroke	pericyte	<i>VAT1</i>	-0.005610035	0.03543312	0.999180857	1
Stroke	pericyte	<i>VIM</i>	-0.000714148	0.039099746	0.999180857	1
Stroke	pericyte	<i>VMP1</i>	-0.000674472	0.001041806	0.999180857	1
Stroke	pericyte	<i>VNN2</i>	-0.001514171	0.016485274	0.999180857	1
Stroke	pericyte	<i>VNN3</i>	-0.003769136	0.018484206	0.999180857	1
Stroke	pericyte	<i>VPS37C</i>	-0.003284137	0.034314319	0.999180857	1

Stroke	pericyte	<i>VPS8</i>	-0.001351257	0.017763341	0.999180857	1
Stroke	pericyte	<i>WNT3</i>	-0.01405453	0.038727121	0.999180857	1
Stroke	pericyte	<i>WRN</i>	0.002818145	0.037084264	0.999180857	1
Stroke	pericyte	<i>XPO6</i>	-0.000700414	0.027796356	0.999180857	1
Stroke	pericyte	<i>XRCC2</i>	-0.009717511	0.040913228	0.999180857	1
Stroke	pericyte	<i>XRR1</i>	0.001754642	0.028079877	0.999180857	1
Stroke	pericyte	<i>ZNF143</i>	-0.002899722	0.024393042	0.999180857	1
Stroke	pericyte	<i>ZNF154</i>	-0.004404788	0.041925946	0.999180857	1
Stroke	pericyte	<i>ZNF33A</i>	-0.001906244	0.04656599	0.999180857	1
Stroke	pericyte	<i>ZNF592</i>	-0.002621946	0.033219675	0.999180857	1
Stroke	pericyte	<i>ZNF652</i>	-0.001226558	0.03431735	0.999180857	1
Stroke	pericyte	<i>ZNF841</i>	0.003673082	0.025748744	0.999180857	1
Stroke	pericyte	<i>ZXDC</i>	-0.002319864	0.03787674	0.999180857	1
Stroke	pericyte	<i>CYP2C9</i>	0.012990662	0.032681208	0.999180857	1
Stroke	pericyte	<i>KLHDC7A</i>	-0.038255517	0.033207138	0.999180857	1
Stroke	pericyte	<i>ADAD2</i>	-0.00311486	0.025149165	0.999180857	1
Stroke	pericyte	<i>SLC22A31</i>	0.006122781	0.017848493	0.999180857	1

d. Identified trait-associated genes from CTS TWAS analysis in visceral adipose tissue

disorder	celltype	Genes	Estimates	Pvalues	Pvalues_BH	Pvalue_Bonferroni
Obesity	adipocyte	<i>ABCD3</i>	-0.005233387	0.000175359	0.081120931	0.811209307
Obesity	adipocyte	<i>AC004466.1</i>	-0.102664265	0.001195629	0.149485965	1
Obesity	adipocyte	<i>AC122129.1</i>	-0.022868618	0.041500798	0.711047007	1
Obesity	adipocyte	<i>ACADL</i>	-0.006097927	0.019595108	0.536966629	1
Obesity	adipocyte	<i>ACVRL1</i>	-0.017375108	0.000280955	0.091048857	1
Obesity	adipocyte	<i>ADAM10</i>	-0.001942194	0.016749597	0.49668997	1
Obesity	adipocyte	<i>ADAT1</i>	-0.010698934	0.022494856	0.571690942	1
Obesity	adipocyte	<i>ADCY4</i>	-0.006480487	0.029007588	0.627051876	1
Obesity	adipocyte	<i>ADD3</i>	-0.001359195	0.032821728	0.666878698	1
Obesity	adipocyte	<i>ADORA2B</i>	0.0096632	0.040075221	0.704717975	1
Obesity	adipocyte	<i>AHRR</i>	0.013374599	0.003175783	0.233193229	1
Obesity	adipocyte	<i>AKAP3</i>	-0.03612023	0.000925657	0.142534681	1
Obesity	adipocyte	<i>AL590822.1</i>	0.027808692	0.004289695	0.278039561	1
Obesity	adipocyte	<i>AMIGO1</i>	-0.099558881	0.001864978	0.183561417	1
Obesity	adipocyte	<i>ANKRD13A</i>	-0.003195795	0.011814905	0.451302164	1
Obesity	adipocyte	<i>ANKRD36B</i>	-0.005106482	0.002382752	0.208864868	1
Obesity	adipocyte	<i>ANKS6</i>	-0.008859015	0.00285198	0.224910065	1
Obesity	adipocyte	<i>ANXA3</i>	-0.00390663	0.039295661	0.702314418	1
Obesity	adipocyte	<i>AP006621.1</i>	-0.008864024	0.035784634	0.690292896	1
Obesity	adipocyte	<i>AP1M2</i>	-0.050599837	0.032462184	0.664469316	1
Obesity	adipocyte	<i>AP2S1</i>	-0.003969041	0.019359152	0.536966629	1
Obesity	adipocyte	<i>APBB1</i>	0.009569272	0.047901483	0.737885906	1
Obesity	adipocyte	<i>ARHGAP28</i>	-0.003700352	0.032868211	0.666878698	1
Obesity	adipocyte	<i>ARPC5</i>	-0.002108967	0.039321106	0.702314418	1
Obesity	adipocyte	<i>ARSB</i>	0.00238084	0.016626938	0.496233638	1
Obesity	adipocyte	<i>ART3</i>	0.044063456	0.036316332	0.690292896	1
Obesity	adipocyte	<i>ASRGL1</i>	-0.012940334	0.000680628	0.123717238	1
Obesity	adipocyte	<i>ATOH8</i>	-0.011336223	0.011946044	0.451302164	1
Obesity	adipocyte	<i>B3GALNT2</i>	-0.003194241	0.015634293	0.490384897	1
Obesity	adipocyte	<i>BCL2L13</i>	-0.003200236	0.023785828	0.575685955	1
Obesity	adipocyte	<i>BTBD1</i>	-0.003078407	0.024577581	0.58305584	1
Obesity	adipocyte	<i>C14orf37</i>	0.001732175	0.02948896	0.628644843	1
Obesity	adipocyte	<i>C19orf18</i>	-0.015776838	0.007281813	0.36164298	1
Obesity	adipocyte	<i>C1RL</i>	-0.003958278	0.025210184	0.587431336	1
Obesity	adipocyte	<i>C4BPA</i>	-0.046024198	0.03557961	0.690292896	1
Obesity	adipocyte	<i>C9orf152</i>	0.028959514	0.010028588	0.425616948	1
Obesity	adipocyte	<i>CAD</i>	-0.011385075	0.031662137	0.656356511	1
Obesity	adipocyte	<i>CAND1</i>	-0.004628984	0.003902803	0.269687716	1
Obesity	adipocyte	<i>CAPN11</i>	-0.065344246	0.007214294	0.36164298	1
Obesity	adipocyte	<i>CAPN5</i>	-0.018877884	0.006666078	0.350423578	1
Obesity	adipocyte	<i>CAPN9</i>	-0.035847427	3.78E-06	0.0065765	0.017484665
Obesity	adipocyte	<i>CASC1</i>	-0.016392683	0.048012031	0.737885906	1
Obesity	adipocyte	<i>CASC20</i>	0.013707995	0.034338166	0.684691184	1
Obesity	adipocyte	<i>CASP7</i>	-0.006757243	0.019801506	0.538833922	1
Obesity	adipocyte	<i>CC2D1B</i>	-0.010240657	0.037049102	0.690292896	1
Obesity	adipocyte	<i>CCDC78</i>	-0.090324989	0.011267885	0.451302164	1
Obesity	adipocyte	<i>CCL16</i>	-0.055442991	0.012091755	0.451302164	1
Obesity	adipocyte	<i>CD207</i>	-0.051021191	0.012027149	0.451302164	1
Obesity	adipocyte	<i>CDC42EP1</i>	-0.015377587	0.005874219	0.323501647	1
Obesity	adipocyte	<i>CDCPI</i>	-0.003495458	0.036694648	0.690292896	1

Obesity	adipocyte	<i>CEACAM19</i>	-0.017818404	0.01287843	0.460510428	1
Obesity	adipocyte	<i>CENPA</i>	0.014463811	0.023493448	0.575030118	1
Obesity	adipocyte	<i>CENPH</i>	0.015656562	0.007900565	0.380708475	1
Obesity	adipocyte	<i>CENPP</i>	-0.00280622	0.037189223	0.690292896	1
Obesity	adipocyte	<i>CEP170</i>	0.002268665	0.040779047	0.704717975	1
Obesity	adipocyte	<i>CER1</i>	0.016591674	0.03309838	0.668616188	1
Obesity	adipocyte	<i>CHI3L2</i>	0.019993145	0.019616809	0.536966629	1
Obesity	adipocyte	<i>CHML</i>	-0.008808303	0.039139847	0.702314418	1
Obesity	adipocyte	<i>CHRD</i>	-0.010689575	0.042414326	0.714619722	1
Obesity	adipocyte	<i>CHST2</i>	0.023298869	0.009270386	0.400792586	1
Obesity	adipocyte	<i>CIAO1</i>	0.006615078	0.001521954	0.163733883	1
Obesity	adipocyte	<i>CISD2</i>	0.0035602	0.031668904	0.656356511	1
Obesity	adipocyte	<i>CKMT2</i>	-0.011612566	0.014960725	0.482771077	1
Obesity	adipocyte	<i>CNIH1</i>	0.005267203	0.001821907	0.183561417	1
Obesity	adipocyte	<i>CNTNAP1</i>	-0.019880387	0.002712221	0.220118173	1
Obesity	adipocyte	<i>COX15</i>	-0.005636234	0.006159621	0.331330328	1
Obesity	adipocyte	<i>COX17</i>	-0.0052413	0.045050998	0.724897304	1
Obesity	adipocyte	<i>CWC15</i>	-0.004006687	0.023387757	0.575030118	1
Obesity	adipocyte	<i>DAWI</i>	-0.033351651	0.044584341	0.724897304	1
Obesity	adipocyte	<i>DDHD2</i>	-0.0032458	0.012072855	0.451302164	1
Obesity	adipocyte	<i>DDX25</i>	-0.020615096	0.013140375	0.460510428	1
Obesity	adipocyte	<i>DDX42</i>	-0.002580948	0.045026289	0.724897304	1
Obesity	adipocyte	<i>DNAH10</i>	0.013034119	0.024925813	0.585313765	1
Obesity	adipocyte	<i>DPF1</i>	-0.056027176	0.008790428	0.394801151	1
Obesity	adipocyte	<i>DTNBP1</i>	0.00275088	0.021309252	0.563294845	1
Obesity	adipocyte	<i>DUSP8</i>	0.026859262	0.002464984	0.208864868	1
Obesity	adipocyte	<i>EFCAB1</i>	-0.045505939	0.013732497	0.462688935	1
Obesity	adipocyte	<i>EFNB3</i>	-0.03682074	0.044458335	0.724897304	1
Obesity	adipocyte	<i>EFS</i>	-0.008632241	0.004447671	0.278039561	1
Obesity	adipocyte	<i>EIF2AK1</i>	-0.00546109	0.036330312	0.690292896	1
Obesity	adipocyte	<i>EIF2B3</i>	0.002863352	0.007300699	0.36164298	1
Obesity	adipocyte	<i>EIF3B</i>	-0.003568376	0.046852562	0.734711702	1
Obesity	adipocyte	<i>ELOVL3</i>	0.05956949	0.019326987	0.536966629	1
Obesity	adipocyte	<i>EMC1</i>	0.011763989	0.003150081	0.233193229	1
Obesity	adipocyte	<i>ESPNL</i>	0.055370799	0.022107379	0.571184773	1
Obesity	adipocyte	<i>FAHD1</i>	-0.014214945	0.005618994	0.320906985	1
Obesity	adipocyte	<i>FAM111A</i>	-0.003286249	0.038738785	0.702314418	1
Obesity	adipocyte	<i>FAM181B</i>	-0.060067549	0.006759004	0.351316339	1
Obesity	adipocyte	<i>FAM196A</i>	-0.004547918	0.002426186	0.208864868	1
Obesity	adipocyte	<i>FAM220A</i>	0.007875107	0.045628947	0.72535913	1
Obesity	adipocyte	<i>FAM32A</i>	-0.020463819	0.007553333	0.36780754	1
Obesity	adipocyte	<i>FAM3B</i>	-0.022225603	0.003934767	0.269687716	1
Obesity	adipocyte	<i>FAM50B</i>	-0.032099499	0.013785926	0.462688935	1
Obesity	adipocyte	<i>FBXO15</i>	-0.035110821	0.008241481	0.385533131	1
Obesity	adipocyte	<i>FDFT1</i>	0.005278792	0.024538861	0.58305584	1
Obesity	adipocyte	<i>FGF14-IT1</i>	0.082396663	0.008697137	0.394801151	1
Obesity	adipocyte	<i>FKBP7</i>	-0.007607236	0.024018026	0.575685955	1
Obesity	adipocyte	<i>FLG</i>	-0.075596099	0.000664369	0.123717238	1
Obesity	adipocyte	<i>FOLR1</i>	-0.013064773	0.011192865	0.451302164	1
Obesity	adipocyte	<i>FTCDNL1</i>	-0.004135482	0.012623421	0.459810586	1
Obesity	adipocyte	<i>FZD6</i>	-0.004945439	0.040426401	0.704717975	1
Obesity	adipocyte	<i>GABRR2</i>	-0.035260383	0.014576115	0.481636498	1

Obesity	adipocyte	<i>GCLM</i>	-0.007417381	0.022225088	0.571184773	1
Obesity	adipocyte	<i>GFPT1</i>	0.004034679	0.02318578	0.575030118	1
Obesity	adipocyte	<i>GGH</i>	-0.018854979	0.040686652	0.704717975	1
Obesity	adipocyte	<i>GGPS1</i>	0.006201	0.000460149	0.110441929	1
Obesity	adipocyte	<i>GIMAP8</i>	-0.003025053	0.009359301	0.400890063	1
Obesity	adipocyte	<i>GLIPR1L2</i>	-0.011172624	0.027100065	0.611536096	1
Obesity	adipocyte	<i>GLP1R</i>	-0.08941472	0.006033105	0.328342841	1
Obesity	adipocyte	<i>GMFB</i>	0.006123884	0.000434465	0.110441929	1
Obesity	adipocyte	<i>GMPPB</i>	0.022423445	0.02704575	0.611536096	1
Obesity	adipocyte	<i>GPR17</i>	-0.023123414	0.025827661	0.594421697	1
Obesity	adipocyte	<i>GRB10</i>	-0.002584865	0.040052721	0.704717975	1
Obesity	adipocyte	<i>HAGHL</i>	-0.032049444	0.018798373	0.536797972	1
Obesity	adipocyte	<i>HAUS1</i>	-0.013855365	0.028761333	0.627051876	1
Obesity	adipocyte	<i>HCG20</i>	-0.037290124	0.0119286	0.451302164	1
Obesity	adipocyte	<i>HDHC2</i>	-0.007265849	0.022413324	0.571690942	1
Obesity	adipocyte	<i>HK2</i>	0.004128575	0.018139831	0.521210299	1
Obesity	adipocyte	<i>HOXD4</i>	-0.153114343	0.000104379	0.064029853	0.482858138
Obesity	adipocyte	<i>HRCT1</i>	-0.059004473	0.00029523	0.091048857	1
Obesity	adipocyte	<i>HRNR</i>	0.033787748	0.009004425	0.40052373	1
Obesity	adipocyte	<i>HSD17B1</i>	0.017773797	0.029162603	0.627470697	1
Obesity	adipocyte	<i>HSD17B13</i>	-0.06101195	0.014112845	0.469683616	1
Obesity	adipocyte	<i>HSPB7</i>	-0.025063683	0.048646967	0.738033427	1
Obesity	adipocyte	<i>IFIT1B</i>	0.082606689	0.000135114	0.069448488	0.625036388
Obesity	adipocyte	<i>IFRD1</i>	-0.004293091	0.012076413	0.451302164	1
Obesity	adipocyte	<i>IL17RA</i>	-0.003686025	0.007111146	0.36164298	1
Obesity	adipocyte	<i>INPP1</i>	-0.008171595	0.000211628	0.083334637	0.97899082
Obesity	adipocyte	<i>IRGM</i>	-0.022056493	0.022205061	0.571184773	1
Obesity	adipocyte	<i>ITGAD</i>	-0.015850368	0.016032809	0.490384897	1
Obesity	adipocyte	<i>ITGAV</i>	-0.003857244	0.000695341	0.123717238	1
Obesity	adipocyte	<i>ITPRIPL1</i>	-0.032454158	0.002920177	0.224910065	1
Obesity	adipocyte	<i>KIAA1324</i>	0.013752371	0.03589748	0.690292896	1
Obesity	adipocyte	<i>KLHL30</i>	0.034561349	0.000501358	0.110441929	1
Obesity	adipocyte	<i>LCA5L</i>	0.011248395	0.00734856	0.36164298	1
Obesity	adipocyte	<i>LGR5</i>	0.021622406	0.037899441	0.692975551	1
Obesity	adipocyte	<i>LINC00115</i>	0.008750059	0.049541087	0.739715652	1
Obesity	adipocyte	<i>LINC00667</i>	-0.008673615	0.028095279	0.618898863	1
Obesity	adipocyte	<i>LINC00939</i>	-0.034746323	0.013802653	0.462688935	1
Obesity	adipocyte	<i>LINC01116</i>	-0.028238066	0.011763406	0.451302164	1
Obesity	adipocyte	<i>LOXHD1</i>	-0.00601402	0.045086897	0.724897304	1
Obesity	adipocyte	<i>LRP6</i>	-0.00437813	0.040782691	0.704717975	1
Obesity	adipocyte	<i>LSG1</i>	-0.005237522	0.00360574	0.260627393	1
Obesity	adipocyte	<i>LY6K</i>	-0.072276602	0.01307771	0.460510428	1
Obesity	adipocyte	<i>MAP3K11</i>	-0.006654756	0.003964281	0.269687716	1
Obesity	adipocyte	<i>MAPK9</i>	0.011885981	0.001159156	0.149485965	1
Obesity	adipocyte	<i>MCM6</i>	0.014074636	0.001185062	0.149485965	1
Obesity	adipocyte	<i>MDM1</i>	-0.009117548	0.001162438	0.149485965	1
Obesity	adipocyte	<i>MET</i>	-0.003397828	0.030076781	0.632432671	1
Obesity	adipocyte	<i>METTL2B</i>	-0.019163358	0.001452354	0.163156886	1
Obesity	adipocyte	<i>MPHOSPH6</i>	0.0037288	0.025396945	0.587431336	1
Obesity	adipocyte	<i>MRI1</i>	-0.007327425	0.049730127	0.739715652	1
Obesity	adipocyte	<i>MTRNR2L4</i>	-0.094107103	0.037896116	0.692975551	1
Obesity	adipocyte	<i>MYO6</i>	-0.003955982	0.023898827	0.575685955	1

Obesity	adipocyte	<i>NARFL</i>	-0.009420839	0.017527072	0.506751472	1
Obesity	adipocyte	<i>NEIL2</i>	0.011025975	0.043336354	0.721129399	1
Obesity	adipocyte	<i>NFE2L2</i>	-0.0028556	0.037022622	0.690292896	1
Obesity	adipocyte	<i>NGEF</i>	-0.102097113	3.39E-08	0.000156666	0.000156666
Obesity	adipocyte	<i>NKAIN4</i>	-0.031444855	0.004118971	0.27615016	1
Obesity	adipocyte	<i>NMB</i>	0.019916489	2.57E-05	0.023803975	0.119019875
Obesity	adipocyte	<i>NOMO3</i>	-0.03076003	0.047788909	0.737885906	1
Obesity	adipocyte	<i>NT5DC3</i>	-0.007409701	0.000949248	0.142534681	1
Obesity	adipocyte	<i>OPN3</i>	-0.007171403	0.034845555	0.685938465	1
Obesity	adipocyte	<i>OSER1-AS1</i>	-0.024371304	0.002949511	0.224910065	1
Obesity	adipocyte	<i>PABPC1L</i>	-0.008534179	0.033448172	0.672744543	1
Obesity	adipocyte	<i>PARP10</i>	-0.011763347	0.002483262	0.208864868	1
Obesity	adipocyte	<i>PARP2</i>	-0.018633922	0.029718618	0.630634519	1
Obesity	adipocyte	<i>PBLD</i>	0.012034434	0.00224585	0.206923943	1
Obesity	adipocyte	<i>PDE1B</i>	0.007920716	0.009241554	0.400792586	1
Obesity	adipocyte	<i>PDHB</i>	-0.004693852	0.047292386	0.7369763	1
Obesity	adipocyte	<i>PERP</i>	0.011355232	0.027964293	0.618898863	1
Obesity	adipocyte	<i>PES1</i>	-0.008000188	0.001295185	0.153628823	1
Obesity	adipocyte	<i>PEX11G</i>	-0.012658536	0.049308587	0.739715652	1
Obesity	adipocyte	<i>PF4</i>	0.004674752	0.041989978	0.714619722	1
Obesity	adipocyte	<i>PFDN1</i>	-0.004046834	0.005155878	0.30975446	1
Obesity	adipocyte	<i>PGGT1B</i>	0.004303143	0.005798052	0.323154066	1
Obesity	adipocyte	<i>PGPEP1</i>	0.007282044	0.028917337	0.627051876	1
Obesity	adipocyte	<i>PIK3R4</i>	0.006041058	0.00011073	0.064029853	0.512238825
Obesity	adipocyte	<i>PKP3</i>	0.026244053	0.000985973	0.142534681	1
Obesity	adipocyte	<i>PLA1A</i>	0.027691798	0.03471207	0.685938465	1
Obesity	adipocyte	<i>PLCXD3</i>	-0.004350419	0.038828238	0.702314418	1
Obesity	adipocyte	<i>PLEC</i>	-0.005186008	0.010234921	0.43042493	1
Obesity	adipocyte	<i>PLLP</i>	-0.010270153	0.048972857	0.739715652	1
Obesity	adipocyte	<i>PNMA2</i>	-0.036502518	0.01371222	0.462688935	1
Obesity	adipocyte	<i>POLR3H</i>	0.007489881	0.017401999	0.506299674	1
Obesity	adipocyte	<i>PPP2R5E</i>	0.002726504	0.020364359	0.5509095	1
Obesity	adipocyte	<i>PPP4R4</i>	-0.043210166	0.001630411	0.171415479	1
Obesity	adipocyte	<i>PROM2</i>	-0.168616596	0.000270311	0.091048857	1
Obesity	adipocyte	<i>PRSS50</i>	0.117210593	0.034560765	0.685938465	1
Obesity	adipocyte	<i>PSMD13</i>	-0.006095047	0.020985982	0.557937656	1
Obesity	adipocyte	<i>PSMD2</i>	0.011526201	0.001863333	0.183561417	1
Obesity	adipocyte	<i>PTGDS</i>	0.005134136	0.004394992	0.278039561	1
Obesity	adipocyte	<i>PVR</i>	-0.022355028	0.008743329	0.394801151	1
Obesity	adipocyte	<i>PYCR2</i>	-0.023182905	0.044666718	0.724897304	1
Obesity	adipocyte	<i>RAB2A</i>	0.002455603	0.000690896	0.123717238	1
Obesity	adipocyte	<i>RALGAPAI</i>	-0.001978553	0.00296574	0.224910065	1
Obesity	adipocyte	<i>RAMP2-AS1</i>	-0.012248264	0.002208036	0.206923943	1
Obesity	adipocyte	<i>RBFOX1</i>	-0.001613619	0.044545932	0.724897304	1
Obesity	adipocyte	<i>RBL2</i>	-0.001666562	0.0442561	0.724897304	1
Obesity	adipocyte	<i>RBM20</i>	0.00572683	0.03894388	0.702314418	1
Obesity	adipocyte	<i>RFT1</i>	0.00586985	0.023438771	0.575030118	1
Obesity	adipocyte	<i>RHPN1</i>	-0.039418076	0.019576467	0.536966629	1
Obesity	adipocyte	<i>RHPN2</i>	-0.009225826	0.044731982	0.724897304	1
Obesity	adipocyte	<i>RNF123</i>	0.00941831	0.015132254	0.482771077	1
Obesity	adipocyte	<i>RNF14</i>	-0.005173966	0.037454284	0.690292896	1
Obesity	adipocyte	<i>RPIL1</i>	-0.029576153	0.033902576	0.678932104	1

Obesity	adipocyte	<i>RPA1</i>	-0.004657505	0.031306637	0.655314486	1
Obesity	adipocyte	<i>RPP25L</i>	0.017019285	0.025344122	0.587431336	1
Obesity	adipocyte	<i>RRAGD</i>	0.038521106	0.000443015	0.110441929	1
Obesity	adipocyte	<i>RRN3</i>	-0.011533405	0.008760512	0.394801151	1
Obesity	adipocyte	<i>RUFY2</i>	0.002688408	0.004428186	0.278039561	1
Obesity	adipocyte	<i>SI00A3</i>	0.069861339	0.012457348	0.458546644	1
Obesity	adipocyte	<i>SAMD1</i>	0.012191368	0.027570123	0.616132317	1
Obesity	adipocyte	<i>SAMD5</i>	-0.00956357	0.032175099	0.661520039	1
Obesity	adipocyte	<i>SAP18</i>	-0.00808629	0.000968051	0.142534681	1
Obesity	adipocyte	<i>SAP30L</i>	-0.008320023	0.029376	0.628644843	1
Obesity	adipocyte	<i>SBNO2</i>	0.008712228	2.44E-05	0.023803975	0.112935055
Obesity	adipocyte	<i>SCARB1</i>	-0.004064079	0.01641354	0.496233638	1
Obesity	adipocyte	<i>SCN11A</i>	-0.025898045	0.046629223	0.733696556	1
Obesity	adipocyte	<i>SCUBE2</i>	-0.018925406	0.006364339	0.33840729	1
Obesity	adipocyte	<i>SDHA</i>	0.004335915	0.001481321	0.163156886	1
Obesity	adipocyte	<i>SDSL</i>	-0.01340246	0.02638392	0.601241439	1
Obesity	adipocyte	<i>SEC22A</i>	-0.00204253	0.040811171	0.704717975	1
Obesity	adipocyte	<i>SEC63</i>	-0.003617963	0.042282607	0.714619722	1
Obesity	adipocyte	<i>SENP5</i>	-0.003195402	0.00048134	0.110441929	1
Obesity	adipocyte	<i>SF3B3</i>	-0.003142842	0.045585299	0.72535913	1
Obesity	adipocyte	<i>SH3TC2</i>	-0.0170992	0.047315599	0.7369763	1
Obesity	adipocyte	<i>SKIV2L</i>	-0.013440522	0.042682641	0.715398171	1
Obesity	adipocyte	<i>SLC23A3</i>	0.039689681	3.80E-05	0.029334113	0.176004679
Obesity	adipocyte	<i>SLC26A8</i>	-0.032285824	0.016578828	0.496233638	1
Obesity	adipocyte	<i>SLC2A14</i>	0.029938285	0.01303457	0.460510428	1
Obesity	adipocyte	<i>SLC44A5</i>	-0.004676511	0.045936783	0.727751909	1
Obesity	adipocyte	<i>SLC6A7</i>	0.106712712	0.005426989	0.313815651	1
Obesity	adipocyte	<i>SMIM19</i>	-0.003346809	0.016112949	0.490384897	1
Obesity	adipocyte	<i>SMPD4</i>	-0.00530442	0.036506212	0.690292896	1
Obesity	adipocyte	<i>SNN</i>	-0.012423404	0.001430877	0.163156886	1
Obesity	adipocyte	<i>SNX15</i>	-0.118623525	0.000747612	0.128090907	1
Obesity	adipocyte	<i>SOX5</i>	0.00132118	0.031782071	0.656356511	1
Obesity	adipocyte	<i>SP140</i>	0.002914105	0.008045639	0.383702314	1
Obesity	adipocyte	<i>SPTBN5</i>	0.042652888	0.036628346	0.690292896	1
Obesity	adipocyte	<i>STK24</i>	-0.002635497	0.028693456	0.627051876	1
Obesity	adipocyte	<i>SUGP2</i>	0.003252956	0.008250709	0.385533131	1
Obesity	adipocyte	<i>SUPT4H1</i>	0.010334571	0.002590148	0.21396472	1
Obesity	adipocyte	<i>TAF1C</i>	-0.018321379	0.00057963	0.121880347	1
Obesity	adipocyte	<i>TAS2R31</i>	0.058550813	0.019096249	0.536966629	1
Obesity	adipocyte	<i>TBC1D4</i>	0.002431667	0.027992468	0.618898863	1
Obesity	adipocyte	<i>TBCA</i>	0.00398606	0.016006204	0.490384897	1
Obesity	adipocyte	<i>TDRD5</i>	-0.06071283	0.019054991	0.536966629	1
Obesity	adipocyte	<i>TDRD9</i>	-0.058505843	0.015713327	0.490384897	1
Obesity	adipocyte	<i>TEX14</i>	0.017112489	0.005737507	0.323154066	1
Obesity	adipocyte	<i>TFR2</i>	-0.010076879	0.022650397	0.571690942	1
Obesity	adipocyte	<i>TLDC1</i>	0.006010757	0.011150645	0.451302164	1
Obesity	adipocyte	<i>TLE6</i>	-0.062885596	0.048523503	0.738033427	1
Obesity	adipocyte	<i>TMCO6</i>	0.008363236	0.04662892	0.733696556	1
Obesity	adipocyte	<i>TMEM129</i>	-0.007449836	0.04793914	0.737885906	1
Obesity	adipocyte	<i>TMEM161A</i>	0.006469132	0.045547816	0.72535913	1
Obesity	adipocyte	<i>TMEM9</i>	-0.008261365	0.004908212	0.298755089	1
Obesity	adipocyte	<i>TRIM58</i>	-0.061957472	0.02475571	0.584285277	1

Obesity	adipocyte	<i>TRIM66</i>	0.006008767	0.004688923	0.289212794	1
Obesity	adipocyte	<i>TRIM7</i>	-0.021104538	0.042178452	0.714619722	1
Obesity	adipocyte	<i>TRIP6</i>	-0.009933681	0.029913731	0.631876337	1
Obesity	adipocyte	<i>TRPM2</i>	0.004225764	0.0153912	0.487669104	1
Obesity	adipocyte	<i>TSPYL5</i>	-0.013461206	0.012097161	0.451302164	1
Obesity	adipocyte	<i>TTC21B</i>	-0.00573472	0.01728343	0.506032589	1
Obesity	adipocyte	<i>TTC32</i>	0.021649471	4.26E-06	0.0065765	0.019729499
Obesity	adipocyte	<i>TTLL6</i>	0.023570085	0.014878242	0.482771077	1
Obesity	adipocyte	<i>UBA52</i>	-0.003171338	0.011502628	0.451302164	1
Obesity	adipocyte	<i>UBQLNL</i>	-0.049337864	0.049589673	0.739715652	1
Obesity	adipocyte	<i>ULK4</i>	-0.002040464	0.00527641	0.312931673	1
Obesity	adipocyte	<i>USP6</i>	0.036511067	0.011097124	0.451302164	1
Obesity	adipocyte	<i>VAT1L</i>	-0.017274814	0.042481717	0.714619722	1
Obesity	adipocyte	<i>VIPAS39</i>	-0.005630604	0.039880203	0.704717975	1
Obesity	adipocyte	<i>WDR17</i>	-0.014355078	0.013767358	0.462688935	1
Obesity	adipocyte	<i>WDR6</i>	0.003238329	0.037346927	0.690292896	1
Obesity	adipocyte	<i>WWTR1</i>	-0.002535643	0.027465125	0.616132317	1
Obesity	adipocyte	<i>XPO7</i>	-0.004039053	0.005351321	0.313357092	1
Obesity	adipocyte	<i>YPEL4</i>	0.033098918	0.036163869	0.690292896	1
Obesity	adipocyte	<i>YTHDC2</i>	0.001837854	0.021997971	0.571184773	1
Obesity	adipocyte	<i>ZBTB22</i>	-0.023464161	0.037367168	0.690292896	1
Obesity	adipocyte	<i>ZFP90</i>	-0.004910227	0.023660644	0.575685955	1
Obesity	adipocyte	<i>ZNF100</i>	0.003127037	0.022739112	0.571690942	1
Obesity	adipocyte	<i>ZNF23</i>	0.039742293	0.014731481	0.482771077	1
Obesity	adipocyte	<i>ZNF232</i>	0.019425008	0.048466876	0.738033427	1
Obesity	adipocyte	<i>ZNF25</i>	-0.005687849	0.021717078	0.570813658	1
Obesity	adipocyte	<i>ZNF311</i>	0.029634142	0.043312761	0.721129399	1
Obesity	adipocyte	<i>ZNF334</i>	-0.007971704	0.002238765	0.206923943	1
Obesity	adipocyte	<i>ZNF420</i>	-0.004515519	0.02607358	0.597110799	1
Obesity	adipocyte	<i>ZNF483</i>	-0.008966624	0.001055131	0.147910115	1
Obesity	adipocyte	<i>ZNF549</i>	-0.008013531	0.004322695	0.278039561	1
Obesity	adipocyte	<i>ZNF550</i>	-0.006374439	0.048659791	0.738033427	1
Obesity	adipocyte	<i>ZNF641</i>	-0.004776665	0.01286397	0.460510428	1
Obesity	adipocyte	<i>ZNF703</i>	-0.029664046	0.023129172	0.575030118	1
Obesity	adipocyte	<i>ZNF750</i>	0.02643044	0.015900157	0.490384897	1
Obesity	adipocyte	<i>ZNF85</i>	-0.004239804	0.036550952	0.690292896	1
Obesity	adipocyte	<i>ZNRD1</i>	-0.021777175	0.0170224	0.501564465	1
Obesity	adipocyte	<i>DNAH10OS</i>	0.068005359	0.001253361	0.152580156	1
Obesity	adipocyte	<i>FAM106A</i>	-0.079929567	0.015031435	0.482771077	1
Obesity	adipocyte	<i>REG3G</i>	-0.074042522	0.000402222	0.110441929	1
Obesity	adipocyte	<i>RPRML</i>	-0.068159796	0.000924493	0.142534681	1
Obesity	adipocyte	<i>SGCA</i>	-0.02317275	0.020913202	0.557937656	1
Obesity	adipocyte	<i>DEFA3</i>	0.007489271	0.040845189	0.704717975	1
Obesity	adipocyte	<i>BIRC7</i>	-0.01596347	0.049687133	0.739715652	1
Obesity	adipocyte	<i>DCD</i>	-0.057690176	0.013368274	0.462688935	1
Obesity	adipocyte	<i>KIR3DL1</i>	0.074655996	0.000216173	0.083334637	1
Obesity	adipocyte	<i>LINC00619</i>	0.06177058	0.003726893	0.265240115	1
Obesity	adipocyte	<i>LGALS9B</i>	0.005917934	0.012489597	0.458546644	1
Obesity	adipocyte	<i>ADAD2</i>	-0.093445158	0.002281263	0.206923943	1
Obesity	adipocyte	<i>FOXI2</i>	-0.076691641	0.045129793	0.724897304	1
Obesity	adipocyte	<i>OR52N1</i>	-0.015977721	0.020717008	0.557191144	1
Obesity	adipocyte	<i>H3F3C</i>	0.062026798	0.009255065	0.400792586	1

Obesity	adipocyte	<i>HCG22</i>	-0.00587005	0.040979061	0.704717975	1
Obesity	ASPC	<i>ABCC8</i>	-0.027116099	0.012152398	0.495024542	1
Obesity	ASPC	<i>ABHD8</i>	0.012131481	0.026169369	0.674764361	1
Obesity	ASPC	<i>ABRACL</i>	0.009119241	0.033263103	0.746308378	1
Obesity	ASPC	<i>AC069213.1</i>	-0.090017108	0.007303976	0.399958652	1
Obesity	ASPC	<i>AC093668.2</i>	0.017165216	0.040182533	0.813296189	1
Obesity	ASPC	<i>ACYP2</i>	0.002601417	0.005160948	0.361029527	1
Obesity	ASPC	<i>ADAM10</i>	0.002680495	0.001043196	0.181362023	1
Obesity	ASPC	<i>ADAT1</i>	0.010563614	0.024468903	0.656186336	1
Obesity	ASPC	<i>ADD3</i>	0.001515623	0.018410588	0.569654996	1
Obesity	ASPC	<i>ADORA2B</i>	-0.010592978	0.025089162	0.659445816	1
Obesity	ASPC	<i>AGT</i>	-0.040776909	0.002765471	0.291206462	1
Obesity	ASPC	<i>AIM2</i>	0.005296387	0.024622546	0.656186336	1
Obesity	ASPC	<i>AKAP3</i>	-0.02192432	0.044366748	0.830933507	1
Obesity	ASPC	<i>AKAP5</i>	-0.010080356	0.035738802	0.760395234	1
Obesity	ASPC	<i>AL590822.1</i>	-0.020719085	0.033113076	0.746308378	1
Obesity	ASPC	<i>AMPH</i>	-0.00692116	0.027276467	0.674764361	1
Obesity	ASPC	<i>ANAPC11</i>	-0.006433596	0.001556504	0.218193527	1
Obesity	ASPC	<i>ANKS6</i>	-0.010500676	0.000438225	0.119248799	1
Obesity	ASPC	<i>ANO7</i>	0.012474024	0.027899076	0.679269082	1
Obesity	ASPC	<i>AP2S1</i>	0.005103429	0.002677671	0.291206462	1
Obesity	ASPC	<i>AP3B2</i>	0.025203649	0.00570022	0.375638199	1
Obesity	ASPC	<i>ARL1</i>	-0.004646128	0.041792181	0.816597113	1
Obesity	ASPC	<i>ARL6IP5</i>	-0.002097837	0.04843533	0.859219923	1
Obesity	ASPC	<i>ASB8</i>	0.00779811	0.035833584	0.760395234	1
Obesity	ASPC	<i>ATP5H</i>	0.005511588	0.010269449	0.465749699	1
Obesity	ASPC	<i>BANF1</i>	0.028911138	0.039317869	0.806229701	1
Obesity	ASPC	<i>BET1</i>	0.004960275	0.022153286	0.624884766	1
Obesity	ASPC	<i>BST1</i>	-0.008457725	0.003299821	0.293557146	1
Obesity	ASPC	<i>C10orf107</i>	-0.012556224	0.003147497	0.291206462	1
Obesity	ASPC	<i>C16orf46</i>	-0.067959173	0.041836039	0.816597113	1
Obesity	ASPC	<i>C18orf8</i>	0.006811273	0.010577979	0.470516642	1
Obesity	ASPC	<i>C2CD5</i>	0.002347336	0.02722835	0.674764361	1
Obesity	ASPC	<i>C3orf58</i>	0.006345047	0.038709086	0.805716934	1
Obesity	ASPC	<i>CALML6</i>	0.150033974	0.000430263	0.119248799	1
Obesity	ASPC	<i>CBWD1</i>	0.00942736	0.036873824	0.778896393	1
Obesity	ASPC	<i>CBX8</i>	-0.017742037	0.01767451	0.561692529	1
Obesity	ASPC	<i>CCDC154</i>	0.010070803	0.032570874	0.746308378	1
Obesity	ASPC	<i>CCDC39</i>	-0.003084066	0.013541657	0.512618389	1
Obesity	ASPC	<i>CCDC89</i>	-0.057407104	0.042507257	0.819327387	1
Obesity	ASPC	<i>CENPA</i>	-0.016999308	0.007994803	0.401999536	1
Obesity	ASPC	<i>CENPH</i>	-0.012413711	0.035604454	0.760395234	1
Obesity	ASPC	<i>CEP68</i>	-0.003052138	0.027172559	0.674764361	1
Obesity	ASPC	<i>CEP72</i>	0.016964125	0.007444566	0.399958652	1
Obesity	ASPC	<i>CHI3L2</i>	0.022804587	0.007781297	0.399958652	1
Obesity	ASPC	<i>CHMP1A</i>	-0.007824553	0.026443518	0.674764361	1
Obesity	ASPC	<i>CHPF2</i>	-0.013746275	0.043477931	0.824298804	1
Obesity	ASPC	<i>CHRD</i>	-0.015161738	0.004102565	0.321203235	1
Obesity	ASPC	<i>CLCN6</i>	0.007759396	0.034618752	0.760395234	1
Obesity	ASPC	<i>CNIH1</i>	-0.005171812	0.002209268	0.255501891	1
Obesity	ASPC	<i>COX15</i>	0.004814852	0.020442534	0.59104475	1
Obesity	ASPC	<i>CPS1</i>	-0.0141026	0.032871004	0.746308378	1

Obesity	ASPC	<i>CRHR2</i>	-0.051287781	0.003265157	0.293557146	1
Obesity	ASPC	<i>CXCL6</i>	-0.033092468	1.65E-05	0.038170591	0.076341182
Obesity	ASPC	<i>CXCR6</i>	0.01905701	0.001791823	0.230249209	1
Obesity	ASPC	<i>CYB5R2</i>	-0.041849046	0.010129408	0.465749699	1
Obesity	ASPC	<i>DAP</i>	0.004458101	0.034893629	0.760395234	1
Obesity	ASPC	<i>DDIT4L</i>	-0.028001483	0.043060363	0.821092877	1
Obesity	ASPC	<i>DHX34</i>	0.005549724	0.001454173	0.217000116	1
Obesity	ASPC	<i>DHX36</i>	0.002106555	0.005904242	0.375638199	1
Obesity	ASPC	<i>DNAJC25</i>	-0.008916215	0.03550903	0.760395234	1
Obesity	ASPC	<i>DOK5</i>	0.010468333	0.040260447	0.813296189	1
Obesity	ASPC	<i>DPP9</i>	-0.003454516	0.007357312	0.399958652	1
Obesity	ASPC	<i>DSCAML1</i>	0.00431106	0.014789405	0.530354954	1
Obesity	ASPC	<i>DUSP8</i>	-0.020467607	0.020963683	0.600392476	1
Obesity	ASPC	<i>EFCAB1</i>	0.047528264	0.010231475	0.465749699	1
Obesity	ASPC	<i>EIF3M</i>	0.004442795	0.018192523	0.56863926	1
Obesity	ASPC	<i>EIF4B</i>	0.005311552	0.045573608	0.83384435	1
Obesity	ASPC	<i>ELOVL3</i>	0.069562535	0.006994506	0.39946401	1
Obesity	ASPC	<i>ERMARD</i>	0.007166581	8.56E-05	0.056546567	0.395825969
Obesity	ASPC	<i>ERVW-1</i>	-0.020548299	0.007123917	0.399958652	1
Obesity	ASPC	<i>ETHE1</i>	0.012042591	0.035354447	0.760395234	1
Obesity	ASPC	<i>EXOSC10</i>	-0.009066669	0.00592771	0.375638199	1
Obesity	ASPC	<i>EYA3</i>	0.003949461	0.012670398	0.495024542	1
Obesity	ASPC	<i>FAM196A</i>	0.003462626	0.021844593	0.619957585	1
Obesity	ASPC	<i>FAM196B</i>	0.002198846	0.044977069	0.83309207	1
Obesity	ASPC	<i>FAM32A</i>	-0.016671517	0.030085035	0.713709607	1
Obesity	ASPC	<i>FBXO15</i>	0.034156838	0.010134232	0.465749699	1
Obesity	ASPC	<i>FKBP7</i>	0.009220715	0.006416298	0.385477835	1
Obesity	ASPC	<i>FNDC3B</i>	-0.001316482	0.005585511	0.374472114	1
Obesity	ASPC	<i>FRK</i>	-0.006674315	0.019601687	0.581265417	1
Obesity	ASPC	<i>GDPD1</i>	-0.004002621	0.024681458	0.656186336	1
Obesity	ASPC	<i>GEMIN4</i>	0.013476758	0.016495608	0.559570887	1
Obesity	ASPC	<i>GGPS1</i>	0.00438016	0.013186086	0.508323602	1
Obesity	ASPC	<i>GIGYF1</i>	0.011027176	0.041019206	0.815584984	1
Obesity	ASPC	<i>GLP1R</i>	-0.064410821	0.048729128	0.859219923	1
Obesity	ASPC	<i>GPR158</i>	0.022795023	0.007754375	0.399958652	1
Obesity	ASPC	<i>GRPEL1</i>	-0.016797776	0.003003635	0.291206462	1
Obesity	ASPC	<i>GSDMC</i>	0.08037287	0.006943734	0.39946401	1
Obesity	ASPC	<i>GUF1</i>	-0.006037041	0.042226295	0.817317332	1
Obesity	ASPC	<i>HCG9</i>	-0.033325465	0.043131338	0.821092877	1
Obesity	ASPC	<i>HIP1</i>	0.001604352	0.017225326	0.561189464	1
Obesity	ASPC	<i>HIST1H3E</i>	0.034569692	0.047959428	0.859219923	1
Obesity	ASPC	<i>HK2</i>	0.005498603	0.001625534	0.221168275	1
Obesity	ASPC	<i>HOXD1</i>	-0.072493058	0.041143313	0.815584984	1
Obesity	ASPC	<i>HYAL1</i>	-0.018493105	0.014094169	0.513382873	1
Obesity	ASPC	<i>IK</i>	-0.01271621	7.00E-05	0.056546567	0.323964934
Obesity	ASPC	<i>IRGM</i>	0.023292486	0.016507859	0.559570887	1
Obesity	ASPC	<i>ITGAV</i>	0.002701664	0.017967155	0.565415366	1
Obesity	ASPC	<i>ITGB6</i>	-0.050695376	0.000429307	0.119248799	1
Obesity	ASPC	<i>JAKMIP3</i>	0.043006462	0.001906872	0.238410555	1
Obesity	ASPC	<i>JSRP1</i>	-0.0802934	0.000887021	0.170973379	1
Obesity	ASPC	<i>KIAA1109</i>	0.001739233	0.017226309	0.561189464	1
Obesity	ASPC	<i>KIAA1841</i>	-0.004118779	0.004205292	0.321203235	1

Obesity	ASPC	<i>KIFAP3</i>	-0.003303448	0.027457697	0.6756346	1
Obesity	ASPC	<i>KLK7</i>	-0.015349146	0.006932472	0.39946401	1
Obesity	ASPC	<i>KRBA2</i>	-0.07322161	0.003686674	0.31008284	1
Obesity	ASPC	<i>KRT7</i>	-0.028614176	0.041255272	0.815584984	1
Obesity	ASPC	<i>LITD1</i>	-0.11932592	0.015669044	0.553320581	1
Obesity	ASPC	<i>L3MBTL2</i>	0.018614722	8.39E-05	0.056546567	0.388313529
Obesity	ASPC	<i>LHX4</i>	-0.009521053	0.026453741	0.674764361	1
Obesity	ASPC	<i>LINC00115</i>	0.010431383	0.019510121	0.581265417	1
Obesity	ASPC	<i>LINC00211</i>	-0.021522727	0.000570756	0.125729415	1
Obesity	ASPC	<i>LINC00707</i>	-0.082522096	0.011589954	0.490210126	1
Obesity	ASPC	<i>LRRC61</i>	-0.014725426	0.002850918	0.291206462	1
Obesity	ASPC	<i>LYRM2</i>	-0.006922144	0.006231541	0.385477835	1
Obesity	ASPC	<i>MAFF</i>	-0.011327184	0.035601909	0.760395234	1
Obesity	ASPC	<i>MAP1B</i>	-0.004328752	0.00936487	0.46087115	1
Obesity	ASPC	<i>MAP3K10</i>	-0.013190335	0.017001978	0.561189464	1
Obesity	ASPC	<i>MAP7</i>	0.009783813	0.037192654	0.779910964	1
Obesity	ASPC	<i>MAPK12</i>	-0.016327885	0.038840224	0.805716934	1
Obesity	ASPC	<i>MAPK8IP2</i>	-0.049897685	0.00277689	0.291206462	1
Obesity	ASPC	<i>MAPK9</i>	0.010246186	0.004768994	0.350180391	1
Obesity	ASPC	<i>MCM6</i>	-0.010366335	0.017634196	0.561692529	1
Obesity	ASPC	<i>MDH1</i>	-0.00533214	0.029411458	0.70132684	1
Obesity	ASPC	<i>MESP2</i>	-0.049245984	0.003432565	0.299604662	1
Obesity	ASPC	<i>MEX3A</i>	-0.02916783	0.027865281	0.679269082	1
Obesity	ASPC	<i>MIA3</i>	0.003893644	0.012663085	0.495024542	1
Obesity	ASPC	<i>MLIP</i>	-0.012523172	0.049624879	0.866281849	1
Obesity	ASPC	<i>MMP27</i>	0.080985043	0.021025417	0.600392476	1
Obesity	ASPC	<i>MRPL34</i>	0.014569286	0.006411809	0.385477835	1
Obesity	ASPC	<i>MRPL36</i>	0.010442607	0.045202358	0.83309207	1
Obesity	ASPC	<i>MT1A</i>	-0.075750621	0.002005332	0.244122759	1
Obesity	ASPC	<i>MTBP</i>	-0.004688718	0.005093383	0.361029527	1
Obesity	ASPC	<i>MTMR6</i>	0.006001327	0.010266745	0.465749699	1
Obesity	ASPC	<i>MYBBP1A</i>	-0.016094814	0.042024488	0.816828913	1
Obesity	ASPC	<i>NBPF15</i>	0.010794175	2.59E-05	0.039891673	0.119675019
Obesity	ASPC	<i>NDNF</i>	-0.020825461	0.022785718	0.638828672	1
Obesity	ASPC	<i>NDUFA2</i>	0.008228574	0.007772443	0.399958652	1
Obesity	ASPC	<i>NDUFC1</i>	-0.004966423	0.000362382	0.119248799	1
Obesity	ASPC	<i>NEDD4</i>	0.004205041	0.012463948	0.495024542	1
Obesity	ASPC	<i>NFXL1</i>	-0.009934496	0.016666976	0.559570887	1
Obesity	ASPC	<i>NPC1</i>	0.00289584	0.0122109	0.495024542	1
Obesity	ASPC	<i>NT5DC3</i>	-0.007638123	0.000672433	0.141341747	1
Obesity	ASPC	<i>NTPCR</i>	-0.003827994	0.015564811	0.553320581	1
Obesity	ASPC	<i>OSER1-AS1</i>	-0.016349951	0.045979018	0.837397391	1
Obesity	ASPC	<i>OSTF1</i>	0.002234454	0.045077229	0.83309207	1
Obesity	ASPC	<i>OXNAD1</i>	0.00355949	0.000125297	0.059888376	0.579625141
Obesity	ASPC	<i>PAH</i>	-0.014570498	0.024298191	0.656186336	1
Obesity	ASPC	<i>PARP10</i>	-0.00925785	0.017727434	0.561692529	1
Obesity	ASPC	<i>PARP6</i>	0.002864704	0.039387789	0.806229701	1
Obesity	ASPC	<i>PAXIP1-AS1</i>	-0.010444283	0.001185129	0.195800302	1
Obesity	ASPC	<i>PBLD</i>	-0.013621009	0.000531138	0.123836643	1
Obesity	ASPC	<i>PCDHA3</i>	-0.169131217	0.004253403	0.321203235	1
Obesity	ASPC	<i>PDZK1IP1</i>	0.03406228	0.003092301	0.291206462	1
Obesity	ASPC	<i>PEPD</i>	0.002963002	0.011087094	0.48359957	1

Obesity	ASPC	<i>PEX11G</i>	-0.017923172	0.005442557	0.370253982	1
Obesity	ASPC	<i>PHF10</i>	0.009529744	0.005228919	0.361029527	1
Obesity	ASPC	<i>PKP3</i>	-0.017014827	0.032886148	0.746308378	1
Obesity	ASPC	<i>PLA2G4B</i>	-0.047261822	0.03579579	0.760395234	1
Obesity	ASPC	<i>PLCD3</i>	-0.01041451	0.009813804	0.465749699	1
Obesity	ASPC	<i>PLCH2</i>	0.02715342	0.002068175	0.245317315	1
Obesity	ASPC	<i>PLCXD3</i>	-0.005517632	0.009054728	0.45039968	1
Obesity	ASPC	<i>PMS1</i>	-0.003338195	0.003659845	0.31008284	1
Obesity	ASPC	<i>PNMA2</i>	-0.03749606	0.0117625	0.490210126	1
Obesity	ASPC	<i>POLR1B</i>	0.005672041	0.043948603	0.82982137	1
Obesity	ASPC	<i>POLR3H</i>	-0.008092965	0.010528335	0.470516642	1
Obesity	ASPC	<i>PPIE</i>	0.010020808	0.000702737	0.141341747	1
Obesity	ASPC	<i>PPP1CB</i>	0.003390728	0.0158675	0.556083751	1
Obesity	ASPC	<i>PPP1R3C</i>	-0.011823269	0.000309817	0.110247365	1
Obesity	ASPC	<i>PRDM15</i>	-0.007493387	0.039819509	0.81147599	1
Obesity	ASPC	<i>PROM2</i>	-0.114836229	0.013523517	0.512618389	1
Obesity	ASPC	<i>PSMD7</i>	-0.004999009	0.016920457	0.561189464	1
Obesity	ASPC	<i>PSORS1C1</i>	-0.01419169	0.032932046	0.746308378	1
Obesity	ASPC	<i>PSORS1C2</i>	-0.101394672	0.031711655	0.746308378	1
Obesity	ASPC	<i>PTBP2</i>	-0.002300028	0.012401207	0.495024542	1
Obesity	ASPC	<i>PTCHD3</i>	-0.065098007	0.024310025	0.656186336	1
Obesity	ASPC	<i>PTK6</i>	-0.026406043	0.02702015	0.674764361	1
Obesity	ASPC	<i>QRSL1</i>	0.004146998	0.02017586	0.590718531	1
Obesity	ASPC	<i>RARRES2</i>	-0.003121135	0.006312839	0.385477835	1
Obesity	ASPC	<i>RASL10B</i>	-0.060436435	0.045603679	0.83384435	1
Obesity	ASPC	<i>RGS16</i>	-0.022227366	0.012734094	0.495024542	1
Obesity	ASPC	<i>RIBC2</i>	-0.035364589	0.001430066	0.217000116	1
Obesity	ASPC	<i>RPIL1</i>	-0.037931362	0.006852061	0.39946401	1
Obesity	ASPC	<i>RPL28</i>	0.001644415	0.048564164	0.859219923	1
Obesity	ASPC	<i>RPL7L1</i>	0.007003957	0.029040841	0.699702767	1
Obesity	ASPC	<i>RPRD2</i>	0.003086861	0.010107937	0.465749699	1
Obesity	ASPC	<i>RRN3</i>	-0.009403212	0.032468048	0.746308378	1
Obesity	ASPC	<i>RTP4</i>	-0.036405203	0.011659943	0.490210126	1
Obesity	ASPC	<i>RUFY2</i>	-0.003095283	0.001058533	0.181362023	1
Obesity	ASPC	<i>RWDD1</i>	-0.008739286	0.047898992	0.859219923	1
Obesity	ASPC	<i>RYR3</i>	0.002702601	0.023848958	0.652812298	1
Obesity	ASPC	<i>SI00A3</i>	0.061240498	0.029262396	0.70132684	1
Obesity	ASPC	<i>SAP18</i>	-0.007335202	0.002865877	0.291206462	1
Obesity	ASPC	<i>SCAI</i>	-0.004544244	0.007562181	0.399958652	1
Obesity	ASPC	<i>SCAND1</i>	0.010953693	0.01471149	0.530354954	1
Obesity	ASPC	<i>SENP5</i>	0.003192003	0.000535394	0.123836643	1
Obesity	ASPC	<i>Sep-05</i>	-0.03704684	0.005072693	0.361029527	1
Obesity	ASPC	<i>SGSH</i>	-0.013784745	0.000126568	0.059888376	0.585502968
Obesity	ASPC	<i>SGTA</i>	-0.013280277	0.032175879	0.746308378	1
Obesity	ASPC	<i>SH3GLB2</i>	0.008867075	0.013721694	0.512618389	1
Obesity	ASPC	<i>SLC17A5</i>	0.008874728	0.019069683	0.574899379	1
Obesity	ASPC	<i>SLC30A6</i>	-0.0057916	0.007928601	0.401999536	1
Obesity	ASPC	<i>SLC39A10</i>	0.005107207	0.002985562	0.291206462	1
Obesity	ASPC	<i>SLFN12</i>	-0.009669625	0.013877242	0.512618389	1
Obesity	ASPC	<i>SMARCE1</i>	0.005744909	0.016386082	0.559570887	1
Obesity	ASPC	<i>SNX1</i>	0.003268811	0.001429705	0.217000116	1
Obesity	ASPC	<i>SNX22</i>	0.007633454	0.044151382	0.830261353	1

Obesity	ASPC	<i>SOX5</i>	0.001208308	0.04850221	0.859219923	1
Obesity	ASPC	<i>SP1</i>	-0.004463045	0.000246145	0.094888787	1
Obesity	ASPC	<i>SPATA33</i>	-0.005825643	0.049217038	0.862416728	1
Obesity	ASPC	<i>SPG21</i>	-0.003873605	0.041624862	0.816597113	1
Obesity	ASPC	<i>SPRYD3</i>	0.022423765	0.034263147	0.760395234	1
Obesity	ASPC	<i>ST14</i>	-0.009092328	0.000182323	0.076674988	0.843424867
Obesity	ASPC	<i>SULT1A1</i>	-0.01179723	0.027226966	0.674764361	1
Obesity	ASPC	<i>SULT1A2</i>	-0.025572646	0.020403447	0.59104475	1
Obesity	ASPC	<i>TBKBP1</i>	-0.021176921	0.031844353	0.746308378	1
Obesity	ASPC	<i>TBX2</i>	-0.004424397	0.02005818	0.590718531	1
Obesity	ASPC	<i>TCTE1</i>	0.086647005	0.048848863	0.859219923	1
Obesity	ASPC	<i>TCTE3</i>	0.006535093	0.004102438	0.321203235	1
Obesity	ASPC	<i>THAP5</i>	-0.015765349	0.005773735	0.375638199	1
Obesity	ASPC	<i>TMA7</i>	-0.007151025	0.018598116	0.569767448	1
Obesity	ASPC	<i>TMCO6</i>	-0.014746877	0.00047988	0.12332909	1
Obesity	ASPC	<i>TMED6</i>	-0.097526229	0.003049316	0.291206462	1
Obesity	ASPC	<i>TMEM128</i>	0.01096866	0.017586252	0.561692529	1
Obesity	ASPC	<i>TMEM133</i>	-0.125625363	0.025086661	0.659445816	1
Obesity	ASPC	<i>TMEM8B</i>	-0.007608028	0.011185723	0.48359957	1
Obesity	ASPC	<i>TMTC4</i>	-0.006452401	0.011377217	0.487324134	1
Obesity	ASPC	<i>TOX3</i>	-0.080659804	0.010005658	0.465749699	1
Obesity	ASPC	<i>TRIM7</i>	-0.024599749	0.018965132	0.574899379	1
Obesity	ASPC	<i>TRMT61B</i>	-0.003992359	0.01200761	0.495024542	1
Obesity	ASPC	<i>TSPO2</i>	0.0129546	0.040552185	0.815584984	1
Obesity	ASPC	<i>TTC28</i>	-0.001050212	0.013948135	0.512618389	1
Obesity	ASPC	<i>TUBB2B</i>	-0.088606397	0.019138458	0.574899379	1
Obesity	ASPC	<i>TUFM</i>	-0.007391795	0.016222551	0.559570887	1
Obesity	ASPC	<i>UBA52</i>	-0.002742284	0.02900638	0.699702767	1
Obesity	ASPC	<i>UGP2</i>	-0.003971826	0.001055283	0.181362023	1
Obesity	ASPC	<i>VNN1</i>	0.011826797	0.007398536	0.399958652	1
Obesity	ASPC	<i>VPS33A</i>	0.011962243	0.04124	0.815584984	1
Obesity	ASPC	<i>VPS37D</i>	-0.05398841	0.039350107	0.806229701	1
Obesity	ASPC	<i>VPS54</i>	0.00210491	0.035511134	0.760395234	1
Obesity	ASPC	<i>WDPCP</i>	-0.001540396	0.025259913	0.660182803	1
Obesity	ASPC	<i>WDR31</i>	-0.012533422	0.033395122	0.746308378	1
Obesity	ASPC	<i>WDR66</i>	-0.015753088	0.018471303	0.569654996	1
Obesity	ASPC	<i>WFDC6</i>	-0.087345803	0.004143124	0.321203235	1
Obesity	ASPC	<i>WFIKKNI</i>	-0.075281797	0.011061092	0.48359957	1
Obesity	ASPC	<i>YTHDC2</i>	0.002564888	0.001530467	0.218193527	1
Obesity	ASPC	<i>ZBED6CL</i>	0.025897488	0.016692776	0.559570887	1
Obesity	ASPC	<i>ZFPM2</i>	-0.000799495	0.047406761	0.859219923	1
Obesity	ASPC	<i>ZMYM1</i>	-0.004981499	0.00012946	0.059888376	0.598883762
Obesity	ASPC	<i>ZNF215</i>	0.01524718	0.023077009	0.642159751	1
Obesity	ASPC	<i>ZNF285</i>	0.081105368	0.023182161	0.642159751	1
Obesity	ASPC	<i>ZNF497</i>	0.101608052	0.045102086	0.83309207	1
Obesity	ASPC	<i>ZNF586</i>	0.002820344	0.023728409	0.652812298	1
Obesity	ASPC	<i>ZNF670</i>	0.043200939	0.003762859	0.31083903	1
Obesity	ASPC	<i>ZNF709</i>	-0.07986616	0.026105698	0.674764361	1
Obesity	ASPC	<i>ZNF713</i>	-0.104861673	5.98E-05	0.056546567	0.276641721
Obesity	ASPC	<i>ZNF787</i>	-0.010611697	0.027204423	0.674764361	1
Obesity	ASPC	<i>ZNF85</i>	-0.00637185	0.001735632	0.229401018	1
Obesity	ASPC	<i>ZNF891</i>	0.005564876	0.033217113	0.746308378	1

Obesity	ASPC	<i>ZNF91</i>	0.002743257	0.037259041	0.779910964		1
Obesity	ASPC	<i>ACSM2A</i>	-0.10017959	4.38E-07	0.002027931	0.002027931	
Obesity	ASPC	<i>CCL4L2</i>	0.018765442	0.04299976	0.821092877		1
Obesity	ASPC	<i>NME8</i>	0.044372768	0.013962369	0.512618389		1
Obesity	ASPC	<i>TTC24</i>	0.007884251	0.004304929	0.321203235		1
Obesity	ASPC	<i>PRSS46</i>	0.004619627	0.048694382	0.859219923		1
Obesity	b_cell	<i>A4GALT</i>	-0.011606314	0.030529924	0.713191036		1
Obesity	b_cell	<i>AC009403.2</i>	0.032948858	0.032650215	0.719237587		1
Obesity	b_cell	<i>AC122129.1</i>	0.03835149	0.00070511	0.166104517		1
Obesity	b_cell	<i>ADAM19</i>	0.00212004	0.017099857	0.596994797		1
Obesity	b_cell	<i>ADD2</i>	0.008033708	0.043292621	0.776574739		1
Obesity	b_cell	<i>ADORA2B</i>	-0.010291973	0.02975776	0.713191036		1
Obesity	b_cell	<i>ADSS</i>	-0.002737545	0.036892175	0.752127811		1
Obesity	b_cell	<i>AKAP5</i>	0.013209873	0.006271439	0.402939958		1
Obesity	b_cell	<i>AKTIP</i>	-0.010355746	0.030530872	0.713191036		1
Obesity	b_cell	<i>AMACR</i>	-0.067803413	0.005117289	0.347774618		1
Obesity	b_cell	<i>AMIGO1</i>	0.08328508	0.009824421	0.508553286		1
Obesity	b_cell	<i>AMZ2</i>	0.012024504	0.014119813	0.578037649		1
Obesity	b_cell	<i>ANGPTL6</i>	-0.023978992	0.035921396	0.752127811		1
Obesity	b_cell	<i>ANO7</i>	-0.018097145	0.001338558	0.173207717		1
Obesity	b_cell	<i>AP3B2</i>	-0.019232256	0.034627356	0.741777971		1
Obesity	b_cell	<i>APOL4</i>	-0.019979294	0.00653269	0.40639901		1
Obesity	b_cell	<i>ARHGAP9</i>	0.00537491	0.020324123	0.651007513		1
Obesity	b_cell	<i>ARL6IP5</i>	0.002156484	0.043291687	0.776574739		1
Obesity	b_cell	<i>ARPC5</i>	-0.003334255	0.001183496	0.170403544		1
Obesity	b_cell	<i>ART5</i>	-0.097077293	0.03821592	0.752127811		1
Obesity	b_cell	<i>ATM</i>	0.001208067	0.027260624	0.712713366		1
Obesity	b_cell	<i>ATP5G2</i>	0.003434074	0.003107156	0.246314036		1
Obesity	b_cell	<i>ATP6V0D2</i>	0.023592968	0.031450707	0.713191036		1
Obesity	b_cell	<i>ATXN10</i>	-0.001348421	0.047954788	0.800132629		1
Obesity	b_cell	<i>BNIP1</i>	-0.013379591	0.049410025	0.800132629		1
Obesity	b_cell	<i>BRCA2</i>	0.016101862	0.01576753	0.596994797		1
Obesity	b_cell	<i>BTBD16</i>	0.024337364	0.038523667	0.752127811		1
Obesity	b_cell	<i>BTN3A1</i>	-0.003057898	0.031201989	0.713191036		1
Obesity	b_cell	<i>BVES</i>	-0.024465055	0.01075515	0.522308424		1
Obesity	b_cell	<i>C11orf21</i>	-0.017125674	0.013118656	0.561915777		1
Obesity	b_cell	<i>C1QTNF9</i>	-0.049556957	0.018350979	0.619646913		1
Obesity	b_cell	<i>C2CD5</i>	0.002463488	0.018659576	0.621001441		1
Obesity	b_cell	<i>C4BPA</i>	-0.065537971	0.002911298	0.244866655		1
Obesity	b_cell	<i>C4orf45</i>	-0.007984145	0.029064402	0.712713366		1
Obesity	b_cell	<i>C7orf25</i>	-0.062928489	0.001466177	0.173207717		1
Obesity	b_cell	<i>C8orf33</i>	-0.00780099	0.019736604	0.638472231		1
Obesity	b_cell	<i>CANX</i>	0.004175711	0.002466157	0.224810971		1
Obesity	b_cell	<i>CAPN3</i>	0.021467023	0.014089007	0.578037649		1
Obesity	b_cell	<i>CCDC127</i>	0.016162735	0.014343413	0.580107253		1
Obesity	b_cell	<i>CCDC154</i>	-0.022905492	9.06E-07	0.001397753	0.004193258	
Obesity	b_cell	<i>CCDC82</i>	0.005727683	0.010371367	0.521499385		1
Obesity	b_cell	<i>CCDC9</i>	-0.012441856	0.037173546	0.752127811		1
Obesity	b_cell	<i>CCNE2</i>	0.011850701	0.005061733	0.347774618		1
Obesity	b_cell	<i>CDC27</i>	-0.003608381	0.002625844	0.22919159		1
Obesity	b_cell	<i>CEACAM19</i>	-0.015940774	0.025935144	0.712713366		1
Obesity	b_cell	<i>CEBPZ</i>	0.002172055	0.049496518	0.800132629		1

Obesity	b_cell	<i>CENPK</i>	0.013897903	0.011303582	0.522308424	1
Obesity	b_cell	<i>CENPM</i>	0.067423886	0.028117621	0.712713366	1
Obesity	b_cell	<i>CLUAP1</i>	0.006526353	0.024751184	0.698604535	1
Obesity	b_cell	<i>CMPK1</i>	-0.00512991	0.000925667	0.166104517	1
Obesity	b_cell	<i>COX15</i>	0.004320338	0.038756673	0.752127811	1
Obesity	b_cell	<i>COX17</i>	-0.005646279	0.031316128	0.713191036	1
Obesity	b_cell	<i>CTNND2</i>	-0.010775325	0.017215969	0.596994797	1
Obesity	b_cell	<i>CWF19L1</i>	-0.007055203	2.28E-05	0.015063561	0.105444925
Obesity	b_cell	<i>CYP4A11</i>	0.041595674	0.017405668	0.596994797	1
Obesity	b_cell	<i>DDO</i>	-0.030126254	0.030977508	0.713191036	1
Obesity	b_cell	<i>DDTL</i>	0.024084769	0.010845752	0.522308424	1
Obesity	b_cell	<i>DDX25</i>	-0.016843996	0.044522279	0.786896911	1
Obesity	b_cell	<i>DIDO1</i>	0.00464921	0.041172962	0.776574739	1
Obesity	b_cell	<i>DLGAP2</i>	-0.003369826	0.04752024	0.800132629	1
Obesity	b_cell	<i>DNAJC6</i>	-0.008787957	0.003194735	0.246314036	1
Obesity	b_cell	<i>DTX2</i>	0.006443049	0.034597525	0.741777971	1
Obesity	b_cell	<i>DUS3L</i>	-0.018996539	0.037255469	0.752127811	1
Obesity	b_cell	<i>DUSP8</i>	-0.018507227	0.036768351	0.752127811	1
Obesity	b_cell	<i>DYNC1I2</i>	-0.00194784	0.035474291	0.752127811	1
Obesity	b_cell	<i>ECM2</i>	-0.002193503	0.031403956	0.713191036	1
Obesity	b_cell	<i>ECT2L</i>	0.017148561	2.80E-07	0.001297421	0.001297421
Obesity	b_cell	<i>EFCAB1</i>	0.046323054	0.012690758	0.556943347	1
Obesity	b_cell	<i>EFHB</i>	0.011714854	0.001679612	0.180695046	1
Obesity	b_cell	<i>EIF5A</i>	-0.017309088	0.014797375	0.580107253	1
Obesity	b_cell	<i>ENO3</i>	0.021807084	0.019067565	0.62741773	1
Obesity	b_cell	<i>ESPNL</i>	0.073864804	0.002453609	0.224810971	1
Obesity	b_cell	<i>EVPLL</i>	-0.108423823	0.000825	0.166104517	1
Obesity	b_cell	<i>FAM114A1</i>	-0.004766068	0.03226866	0.719237587	1
Obesity	b_cell	<i>FAM184A</i>	-0.006766777	0.029118639	0.712713366	1
Obesity	b_cell	<i>FAM35A</i>	0.004239446	0.00140153	0.173207717	1
Obesity	b_cell	<i>FANCG</i>	0.040877655	0.007644093	0.453056964	1
Obesity	b_cell	<i>FBXO15</i>	0.032189905	0.014707103	0.580107253	1
Obesity	b_cell	<i>FGGY</i>	-0.003832811	0.001026208	0.166104517	1
Obesity	b_cell	<i>FLCN</i>	0.011582525	0.000510579	0.166104517	1
Obesity	b_cell	<i>FOLR3</i>	-0.076407434	0.045457254	0.789151205	1
Obesity	b_cell	<i>FXVD2</i>	0.035957067	0.026566775	0.712713366	1
Obesity	b_cell	<i>FZD9</i>	-0.216312125	1.35E-06	0.001558285	0.006233141
Obesity	b_cell	<i>GIMAP8</i>	-0.00280787	0.016254085	0.596994797	1
Obesity	b_cell	<i>GNG2</i>	0.001312581	0.048638457	0.800132629	1
Obesity	b_cell	<i>GPX7</i>	-0.007919643	0.030061635	0.713191036	1
Obesity	b_cell	<i>GSTP1</i>	-0.005144676	0.011355319	0.522308424	1
Obesity	b_cell	<i>GUF1</i>	-0.005916032	0.046079565	0.795388308	1
Obesity	b_cell	<i>HAR1A</i>	0.042518917	0.021350141	0.6628574	1
Obesity	b_cell	<i>HDDC3</i>	-0.011727279	0.024816692	0.698604535	1
Obesity	b_cell	<i>HLA-DRB5</i>	0.002134997	0.011403621	0.522308424	1
Obesity	b_cell	<i>HMBS</i>	-0.030406924	0.000574959	0.166104517	1
Obesity	b_cell	<i>ICAM5</i>	-0.024770109	0.031405056	0.713191036	1
Obesity	b_cell	<i>IFNE</i>	-0.063083404	0.033122143	0.726175513	1
Obesity	b_cell	<i>IGHMBP2</i>	0.007520452	0.030950002	0.713191036	1
Obesity	b_cell	<i>IL10RB</i>	0.005074675	0.011990084	0.538506109	1
Obesity	b_cell	<i>IL11RA</i>	0.011760853	0.012245382	0.544684021	1
Obesity	b_cell	<i>IL27RA</i>	0.004094257	0.01682642	0.596994797	1

Obesity	b_cell	<i>IMPG1</i>	-0.062897172	0.038846341	0.752127811	1
Obesity	b_cell	<i>IPO7</i>	-0.005454031	0.002527058	0.224810971	1
Obesity	b_cell	<i>IQCH-AS1</i>	0.003068059	0.043310913	0.776574739	1
Obesity	b_cell	<i>JMJD7</i>	-0.025425017	0.045334461	0.789151205	1
Obesity	b_cell	<i>KCNK1</i>	0.017363791	0.001307566	0.173207717	1
Obesity	b_cell	<i>KCNS3</i>	0.009202963	0.002127912	0.218749342	1
Obesity	b_cell	<i>KLK7</i>	-0.013716761	0.016078118	0.596994797	1
Obesity	b_cell	<i>KNSTRN</i>	0.017005052	0.000779543	0.166104517	1
Obesity	b_cell	<i>KRII</i>	-0.008624429	0.028933988	0.712713366	1
Obesity	b_cell	<i>LAMC3</i>	0.006915375	0.014625672	0.580107253	1
Obesity	b_cell	<i>LINC00265</i>	0.030422332	0.001041295	0.166104517	1
Obesity	b_cell	<i>LINC00342</i>	0.010920577	0.003625608	0.273133408	1
Obesity	b_cell	<i>LINC00987</i>	-0.008675926	0.029522969	0.713191036	1
Obesity	b_cell	<i>LRRC39</i>	-0.011160969	0.029062622	0.712713366	1
Obesity	b_cell	<i>LRRC46</i>	0.146531084	0.00019182	0.088736013	0.887360126
Obesity	b_cell	<i>LUZP2</i>	-0.026540806	0.01686616	0.596994797	1
Obesity	b_cell	<i>MAPK8IP2</i>	0.046518033	0.0051873	0.347774618	1
Obesity	b_cell	<i>Mar-08</i>	0.005623857	0.000746891	0.166104517	1
Obesity	b_cell	<i>MARCKS</i>	-0.003764702	0.045203584	0.789151205	1
Obesity	b_cell	<i>MATN3</i>	-0.059931704	0.010733742	0.522308424	1
Obesity	b_cell	<i>MAU2</i>	0.00391009	0.042002622	0.776574739	1
Obesity	b_cell	<i>MBLAC1</i>	0.016764608	0.032407835	0.719237587	1
Obesity	b_cell	<i>MIA3</i>	-0.005147285	0.000983477	0.166104517	1
Obesity	b_cell	<i>MIPEP</i>	0.007672727	0.028000055	0.712713366	1
Obesity	b_cell	<i>MOCS2</i>	0.010609053	0.024683506	0.698604535	1
Obesity	b_cell	<i>MPHOSPH6</i>	0.00472516	0.004981037	0.347774618	1
Obesity	b_cell	<i>MRGPRF</i>	0.009683024	0.009105466	0.489789348	1
Obesity	b_cell	<i>MRPL20</i>	0.006799113	0.000126553	0.065048433	0.585435894
Obesity	b_cell	<i>MRPL21</i>	-0.007227164	0.043016626	0.776574739	1
Obesity	b_cell	<i>MSANTD4</i>	-0.015556281	0.009061052	0.489789348	1
Obesity	b_cell	<i>MTRR</i>	0.004738372	0.028801494	0.712713366	1
Obesity	b_cell	<i>MUC20</i>	-0.032610749	0.008990006	0.489789348	1
Obesity	b_cell	<i>MUC4</i>	-0.020577217	0.018149756	0.617358609	1
Obesity	b_cell	<i>NALCN</i>	-0.004845938	0.012769794	0.556943347	1
Obesity	b_cell	<i>NDUFAF6</i>	0.002818631	0.013705236	0.578037649	1
Obesity	b_cell	<i>NDUFC1</i>	-0.004727959	0.00065286	0.166104517	1
Obesity	b_cell	<i>NEDD4</i>	-0.003413534	0.04228884	0.776574739	1
Obesity	b_cell	<i>NIM1K</i>	0.111931302	0.0022369	0.224810971	1
Obesity	b_cell	<i>NME1</i>	0.009164516	0.020859443	0.660930035	1
Obesity	b_cell	<i>NOC3L</i>	-0.004223803	0.002518244	0.224810971	1
Obesity	b_cell	<i>NOS2</i>	0.145365804	0.008451087	0.482781784	1
Obesity	b_cell	<i>NOVA2</i>	-0.009175711	0.044567011	0.786896911	1
Obesity	b_cell	<i>NRM</i>	-0.024815895	0.042893758	0.776574739	1
Obesity	b_cell	<i>NRXN2</i>	0.018148281	0.021738078	0.665962578	1
Obesity	b_cell	<i>NSUN2</i>	0.004975456	0.025305584	0.7052026	1
Obesity	b_cell	<i>NT5C3B</i>	-0.011963748	0.003163217	0.246314036	1
Obesity	b_cell	<i>NTPCR</i>	0.003261483	0.039642864	0.764116195	1
Obesity	b_cell	<i>NUDT18</i>	-0.03611323	0.008453378	0.482781784	1
Obesity	b_cell	<i>NUP50</i>	0.005722734	0.042265668	0.776574739	1
Obesity	b_cell	<i>NUP54</i>	0.004933584	0.035770908	0.752127811	1
Obesity	b_cell	<i>NUP85</i>	-0.004646364	0.03034456	0.713191036	1
Obesity	b_cell	<i>OBSL1</i>	-0.009112975	0.016056873	0.596994797	1

Obesity	b_cell	<i>ODF3L2</i>	-0.091565094	0.032494996	0.719237587	1
Obesity	b_cell	<i>ORMDL1</i>	0.005020303	0.001206062	0.170403544	1
Obesity	b_cell	<i>OSGEP</i>	0.00433219	0.027678411	0.712713366	1
Obesity	b_cell	<i>PAOX</i>	0.01536845	0.000686959	0.166104517	1
Obesity	b_cell	<i>PARP6</i>	0.00315105	0.024351145	0.698604535	1
Obesity	b_cell	<i>PBLD</i>	0.011790563	0.002832697	0.242667669	1
Obesity	b_cell	<i>PCDHB11</i>	-0.043648181	0.049587528	0.800132629	1
Obesity	b_cell	<i>PCGF3</i>	-0.007501563	0.011379845	0.522308424	1
Obesity	b_cell	<i>PDIA4</i>	-0.00522591	0.037191918	0.752127811	1
Obesity	b_cell	<i>PHIP</i>	0.00182401	0.036826088	0.752127811	1
Obesity	b_cell	<i>PIF1</i>	-0.04907382	0.000991875	0.166104517	1
Obesity	b_cell	<i>PIP4K2C</i>	0.012840666	0.027053245	0.712713366	1
Obesity	b_cell	<i>PLA1A</i>	0.030533365	0.020405553	0.651007513	1
Obesity	b_cell	<i>PMS1</i>	0.005025795	1.23E-05	0.009457934	0.056747605
Obesity	b_cell	<i>PNMA2</i>	0.036121779	0.015420873	0.594474656	1
Obesity	b_cell	<i>POLI</i>	-0.00654017	0.005635034	0.372395223	1
Obesity	b_cell	<i>PON1</i>	-0.039095728	0.008746588	0.489789348	1
Obesity	b_cell	<i>PPMIK</i>	0.003983071	0.028248061	0.712713366	1
Obesity	b_cell	<i>PPMIN</i>	-0.019325403	0.007323342	0.445760288	1
Obesity	b_cell	<i>PPWD1</i>	0.003694017	0.000985017	0.166104517	1
Obesity	b_cell	<i>PRG4</i>	0.005398278	0.048234867	0.800132629	1
Obesity	b_cell	<i>PRKCSH</i>	-0.016577368	0.023087858	0.685900863	1
Obesity	b_cell	<i>PROZ</i>	-0.033832955	0.045547638	0.789151205	1
Obesity	b_cell	<i>PSMD13</i>	-0.006082986	0.021967836	0.668573748	1
Obesity	b_cell	<i>PTGDS</i>	0.004384067	0.016418315	0.596994797	1
Obesity	b_cell	<i>PTGIS</i>	-0.00346812	0.049294299	0.800132629	1
Obesity	b_cell	<i>RAB30</i>	-0.00491785	0.013843848	0.578037649	1
Obesity	b_cell	<i>RAB6B</i>	-0.024425388	0.03799091	0.752127811	1
Obesity	b_cell	<i>RABL2B</i>	-0.00762536	0.007487465	0.449831329	1
Obesity	b_cell	<i>RALGAPAI</i>	0.002113935	0.001535131	0.173207717	1
Obesity	b_cell	<i>RAPGEF6</i>	0.008747455	0.046696639	0.797116794	1
Obesity	b_cell	<i>RASAL2-ASI</i>	-0.073968397	0.04719323	0.799691872	1
Obesity	b_cell	<i>RGCC</i>	-0.00320724	0.026932652	0.712713366	1
Obesity	b_cell	<i>RGS22</i>	-0.005266046	0.001407244	0.173207717	1
Obesity	b_cell	<i>RHCE</i>	-0.033911035	0.00992034	0.508553286	1
Obesity	b_cell	<i>RNASE4</i>	0.04018595	0.042863914	0.776574739	1
Obesity	b_cell	<i>RNASEH2B</i>	0.002191165	0.042295369	0.776574739	1
Obesity	b_cell	<i>RP1L1</i>	-0.029324657	0.037617698	0.752127811	1
Obesity	b_cell	<i>RRP15</i>	0.004910251	0.006041559	0.39363734	1
Obesity	b_cell	<i>RSG1</i>	-0.015338977	0.03107195	0.713191036	1
Obesity	b_cell	<i>RUFY2</i>	0.002882066	0.00233945	0.224810971	1
Obesity	b_cell	<i>SAE1</i>	0.005354798	0.026451156	0.712713366	1
Obesity	b_cell	<i>SAMD1</i>	-0.014196073	0.010669163	0.522308424	1
Obesity	b_cell	<i>SAMD14</i>	-0.009713059	0.041862329	0.776574739	1
Obesity	b_cell	<i>SCGB1B2P</i>	0.058684917	0.001205017	0.170403544	1
Obesity	b_cell	<i>SDHA</i>	-0.004218558	0.002021579	0.212541499	1
Obesity	b_cell	<i>SEC22A</i>	0.002186606	0.028681539	0.712713366	1
Obesity	b_cell	<i>SEMA7A</i>	0.024281633	0.044756918	0.787245262	1
Obesity	b_cell	<i>SERF2</i>	0.002304796	0.031834453	0.71837161	1
Obesity	b_cell	<i>SFRP1</i>	0.008908785	0.048600205	0.800132629	1
Obesity	b_cell	<i>SH3YL1</i>	-0.009071376	0.000953576	0.166104517	1
Obesity	b_cell	<i>SIGLEC7</i>	0.015849452	0.028169344	0.712713366	1

Obesity	b_cell	<i>SIL1</i>	0.001524201	0.049051685	0.800132629	1
Obesity	b_cell	<i>SLAMF1</i>	0.005135686	0.046895308	0.797565057	1
Obesity	b_cell	<i>SLC17A5</i>	0.007648902	0.04348087	0.776611987	1
Obesity	b_cell	<i>SLC23A3</i>	-0.037836479	8.69E-05	0.050275298	0.402202385
Obesity	b_cell	<i>SLC25A32</i>	0.003114331	0.032268311	0.719237587	1
Obesity	b_cell	<i>SLC26A10</i>	0.015385027	0.040680225	0.776574739	1
Obesity	b_cell	<i>SLC35E2B</i>	0.003903336	0.036584244	0.752127811	1
Obesity	b_cell	<i>SLC37A4</i>	-0.026553565	0.001508048	0.173207717	1
Obesity	b_cell	<i>SLC4A1AP</i>	-0.005085348	0.038858311	0.752127811	1
Obesity	b_cell	<i>SLC4A5</i>	0.020218116	0.044351872	0.786896911	1
Obesity	b_cell	<i>SMG9</i>	-0.005549424	0.025821274	0.712713366	1
Obesity	b_cell	<i>SNAPC5</i>	-0.009537163	0.00773703	0.453056964	1
Obesity	b_cell	<i>SNIP1</i>	0.006793555	0.011273627	0.522308424	1
Obesity	b_cell	<i>SP1</i>	0.002713727	0.027257702	0.712713366	1
Obesity	b_cell	<i>SP140</i>	0.002538779	0.021566554	0.665112534	1
Obesity	b_cell	<i>SPTBN5</i>	-0.042593815	0.037132006	0.752127811	1
Obesity	b_cell	<i>ST14</i>	0.007059303	0.003660673	0.273133408	1
Obesity	b_cell	<i>ST20</i>	-0.01561146	0.046485409	0.79645001	1
Obesity	b_cell	<i>SUGP2</i>	-0.003515337	0.004275098	0.309009392	1
Obesity	b_cell	<i>SUPT3H</i>	0.003880211	0.022508345	0.680546417	1
Obesity	b_cell	<i>SYT15</i>	-0.040230914	0.012882174	0.556943347	1
Obesity	b_cell	<i>TCTEX1D2</i>	0.019163294	0.017131701	0.596994797	1
Obesity	b_cell	<i>TECTA</i>	0.042941294	0.008791443	0.489789348	1
Obesity	b_cell	<i>TEKT3</i>	-0.044469867	0.001662028	0.180695046	1
Obesity	b_cell	<i>TEX14</i>	-0.012878801	0.037960519	0.752127811	1
Obesity	b_cell	<i>TLDC1</i>	0.004846501	0.042052451	0.776574739	1
Obesity	b_cell	<i>TLE6</i>	-0.072380301	0.023673589	0.693126726	1
Obesity	b_cell	<i>TLR3</i>	-0.013182931	0.039844311	0.764812369	1
Obesity	b_cell	<i>TMEM128</i>	-0.010427508	0.023824376	0.693154484	1
Obesity	b_cell	<i>TMEM161A</i>	-0.007751027	0.016462698	0.596994797	1
Obesity	b_cell	<i>TMEM56</i>	0.0158997	0.010003966	0.508553286	1
Obesity	b_cell	<i>TMEM69</i>	0.007831498	0.014539149	0.580107253	1
Obesity	b_cell	<i>TMPRSS9</i>	-0.009066746	0.035271703	0.75192119	1
Obesity	b_cell	<i>TOPORS</i>	0.008999206	0.041033491	0.776574739	1
Obesity	b_cell	<i>TRIM66</i>	-0.00534047	0.011833318	0.536675779	1
Obesity	b_cell	<i>TRIM7</i>	-0.020581075	0.04964074	0.800132629	1
Obesity	b_cell	<i>TRIM73</i>	-0.112015299	0.002434051	0.224810971	1
Obesity	b_cell	<i>TRMT44</i>	0.009445802	0.024917801	0.698604535	1
Obesity	b_cell	<i>TRPC3</i>	0.018343532	0.038134862	0.752127811	1
Obesity	b_cell	<i>TRPM2</i>	0.004236574	0.015251299	0.592878222	1
Obesity	b_cell	<i>TSFM</i>	-0.012120436	0.049858703	0.800855414	1
Obesity	b_cell	<i>TXNL4A</i>	-0.003205029	0.018603495	0.621001441	1
Obesity	b_cell	<i>UBA52</i>	-0.002618436	0.037719244	0.752127811	1
Obesity	b_cell	<i>UBQLN1</i>	-0.002396182	0.049389391	0.800132629	1
Obesity	b_cell	<i>USP6</i>	-0.039158222	0.00658883	0.40639901	1
Obesity	b_cell	<i>UTS2</i>	0.015319597	0.027723257	0.712713366	1
Obesity	b_cell	<i>VAMP4</i>	0.004700765	0.003081441	0.246314036	1
Obesity	b_cell	<i>VNN1</i>	0.016090954	0.000288232	0.111113589	1
Obesity	b_cell	<i>VPS28</i>	-0.005458433	0.036648137	0.752127811	1
Obesity	b_cell	<i>VPS54</i>	-0.002442876	0.014093375	0.578037649	1
Obesity	b_cell	<i>WDFY3</i>	-0.001726008	0.00420668	0.308890519	1
Obesity	b_cell	<i>XKR9</i>	0.013131213	0.003162543	0.246314036	1

Obesity	b_cell	<i>YWHAZ</i>	0.001930661	0.019730351	0.638472231	1
Obesity	b_cell	<i>ZBTB22</i>	0.029372366	0.009354485	0.497400555	1
Obesity	b_cell	<i>ZFPM2</i>	-0.000929527	0.021117429	0.6628574	1
Obesity	b_cell	<i>ZNF266</i>	-0.005351791	0.009610258	0.505193809	1
Obesity	b_cell	<i>ZNF28</i>	0.008599568	0.029101995	0.712713366	1
Obesity	b_cell	<i>ZNF322</i>	-0.010329338	0.001215589	0.170403544	1
Obesity	b_cell	<i>ZNF420</i>	0.004763154	0.019123627	0.62741773	1
Obesity	b_cell	<i>ZNF547</i>	0.021093218	0.017422027	0.596994797	1
Obesity	b_cell	<i>ZNF549</i>	0.008078066	0.004741162	0.337424839	1
Obesity	b_cell	<i>ZNF586</i>	0.003970504	0.001457959	0.173207717	1
Obesity	b_cell	<i>ZNF600</i>	0.005733433	0.048086948	0.800132629	1
Obesity	b_cell	<i>ZNF660</i>	-0.014580417	0.043090973	0.776574739	1
Obesity	b_cell	<i>ZNF665</i>	-0.014268305	6.48E-06	0.005999154	0.029995772
Obesity	b_cell	<i>ZNF709</i>	-0.071591687	0.046359902	0.79645001	1
Obesity	b_cell	<i>ZNF846</i>	0.002274421	0.01620931	0.596994797	1
Obesity	b_cell	<i>ZNF880</i>	-0.005823377	0.02327852	0.685900863	1
Obesity	b_cell	<i>C4B</i>	-0.081819596	0.024713664	0.698604535	1
Obesity	b_cell	<i>PROKR1</i>	-0.085274752	0.034635547	0.741777971	1
Obesity	b_cell	<i>RPRML</i>	-0.070023379	0.000694375	0.166104517	1
Obesity	b_cell	<i>POLR2J2</i>	-0.082731419	0.033975282	0.74136629	1
Obesity	b_cell	<i>BPIFB2</i>	0.106497906	0.034499859	0.741777971	1
Obesity	b_cell	<i>KLHDC7A</i>	-0.009626426	0.006394848	0.40524065	1
Obesity	b_cell	<i>NME8</i>	-0.0415005	0.021286973	0.6628574	1
Obesity	b_cell	<i>PRG2</i>	0.008736743	0.02818936	0.712713366	1
Obesity	b_cell	<i>SLC12A5</i>	-0.076781254	0.000252427	0.10615691	1
Obesity	b_cell	<i>TTC24</i>	-0.005436851	0.048619027	0.800132629	1
Obesity	b_cell	<i>TM6SF2</i>	-0.008900293	0.000449235	0.159858389	1
Obesity	b_cell	<i>ADAD2</i>	0.070135745	0.023104408	0.685900863	1
Obesity	b_cell	<i>FOXI2</i>	0.192517231	5.75E-07	0.001330892	0.002661784
Obesity	b_cell	<i>C11orf87</i>	0.154974403	0.026255395	0.712713366	1
Obesity	b_cell	<i>SRXN1</i>	-0.010578031	0.023217432	0.685900863	1
Obesity	b_cell	<i>BOD1L2</i>	0.013154122	0.031275927	0.713191036	1
Obesity	b_cell	<i>HAPLN4</i>	-0.006737886	0.042700372	0.776574739	1
Obesity	b_cell	<i>HIST2H2AA4</i>	-0.005726043	0.017255467	0.596994797	1
Obesity	dendritic_cell	<i>A4GNT</i>	-0.09307799	0.021686503	0.511845734	1
Obesity	dendritic_cell	<i>AC009403.2</i>	-0.038026422	0.013126634	0.436639983	1
Obesity	dendritic_cell	<i>ACAD9</i>	-0.00986193	0.005643711	0.288321117	1
Obesity	dendritic_cell	<i>ACHE</i>	0.017023218	0.0153875	0.474550498	1
Obesity	dendritic_cell	<i>ACTR1B</i>	-0.008925748	0.028721935	0.541365252	1
Obesity	dendritic_cell	<i>ADAM10</i>	0.002111203	0.009273247	0.366649901	1
Obesity	dendritic_cell	<i>ADAT1</i>	0.010139786	0.030608088	0.550043143	1
Obesity	dendritic_cell	<i>ADD2</i>	-0.007804933	0.049015892	0.667668834	1
Obesity	dendritic_cell	<i>ADO</i>	-0.023398569	0.01789974	0.493094217	1
Obesity	dendritic_cell	<i>AGPS</i>	0.003121325	0.04301845	0.639646601	1
Obesity	dendritic_cell	<i>AHRR</i>	0.015992237	0.000423703	0.097674885	1
Obesity	dendritic_cell	<i>AKR7A2</i>	-0.018725822	0.012506312	0.428218255	1
Obesity	dendritic_cell	<i>AL590822.1</i>	-0.038150458	8.09E-05	0.046422215	0.374192923
Obesity	dendritic_cell	<i>ALDH16A1</i>	-0.013255228	0.017907442	0.493094217	1
Obesity	dendritic_cell	<i>ALYREF</i>	-0.05330909	0.004213065	0.274221541	1
Obesity	dendritic_cell	<i>ANAPC11</i>	0.007187779	0.000381428	0.097674885	1
Obesity	dendritic_cell	<i>ANGPT4</i>	-0.007243116	0.014601214	0.461156871	1
Obesity	dendritic_cell	<i>ANKRD36B</i>	0.003716192	0.026860441	0.5379065	1

Obesity	dendritic_cell	<i>ANKRD54</i>	-0.01760852	0.003693986	0.255050405	1
Obesity	dendritic_cell	<i>ANKS6</i>	0.005980735	0.043727882	0.644176328	1
Obesity	dendritic_cell	<i>ARGLU1</i>	-0.001087081	0.048754036	0.667668834	1
Obesity	dendritic_cell	<i>ARHGEF19</i>	0.015668984	0.013774663	0.448743586	1
Obesity	dendritic_cell	<i>ARL6IP1</i>	-0.007104048	0.036364949	0.590260537	1
Obesity	dendritic_cell	<i>ARL6IP5</i>	0.003235554	0.00227797	0.204759081	1
Obesity	dendritic_cell	<i>ARV1</i>	-0.012272786	0.025443815	0.526282264	1
Obesity	dendritic_cell	<i>B4GALT7</i>	-0.026973398	0.02246536	0.512874373	1
Obesity	dendritic_cell	<i>BCL2L2</i>	0.009402834	7.35E-05	0.046422215	0.340191273
Obesity	dendritic_cell	<i>BTBD1</i>	0.002922344	0.032852183	0.571331569	1
Obesity	dendritic_cell	<i>BVES</i>	0.020706079	0.030143737	0.548995773	1
Obesity	dendritic_cell	<i>C11orf21</i>	0.014379597	0.036184024	0.590260537	1
Obesity	dendritic_cell	<i>C1QL3</i>	-0.038066086	0.00554393	0.288321117	1
Obesity	dendritic_cell	<i>C1orf226</i>	-0.05798197	0.000736904	0.10287486	1
Obesity	dendritic_cell	<i>C20orf96</i>	-0.013647105	0.010892982	0.396930932	1
Obesity	dendritic_cell	<i>C2orf88</i>	-0.005256058	0.008843453	0.358858011	1
Obesity	dendritic_cell	<i>CANX</i>	-0.002776102	0.042925667	0.639646601	1
Obesity	dendritic_cell	<i>CAPS</i>	0.00795785	0.028994118	0.541365252	1
Obesity	dendritic_cell	<i>CATSPER2</i>	0.008558636	0.043140886	0.639646601	1
Obesity	dendritic_cell	<i>CCDC153</i>	-0.042113538	0.011691107	0.41284778	1
Obesity	dendritic_cell	<i>CCDC154</i>	-0.012702821	0.006057024	0.28886386	1
Obesity	dendritic_cell	<i>CCDC57</i>	-0.003691465	0.027945858	0.541365252	1
Obesity	dendritic_cell	<i>CCDC74A</i>	-0.199448129	0.006028482	0.28886386	1
Obesity	dendritic_cell	<i>CCDC78</i>	0.079277757	0.026517724	0.53547675	1
Obesity	dendritic_cell	<i>CCL14</i>	-0.034587626	0.01251966	0.428218255	1
Obesity	dendritic_cell	<i>CCL16</i>	-0.048229973	0.028889475	0.541365252	1
Obesity	dendritic_cell	<i>CCL23</i>	0.041257483	0.006254676	0.29226396	1
Obesity	dendritic_cell	<i>CCND1</i>	-0.008088787	0.01475383	0.461156871	1
Obesity	dendritic_cell	<i>CD8B</i>	0.02920332	0.022607851	0.512874373	1
Obesity	dendritic_cell	<i>CDC25B</i>	-0.011946543	0.024695026	0.52120048	1
Obesity	dendritic_cell	<i>CDC27</i>	-0.003094928	0.010361867	0.386564508	1
Obesity	dendritic_cell	<i>CDC42EP5</i>	-0.013717566	0.027307307	0.541365252	1
Obesity	dendritic_cell	<i>CDC6</i>	-0.024379241	0.00426804	0.274221541	1
Obesity	dendritic_cell	<i>CDH4</i>	-0.01565037	0.039633606	0.618884016	1
Obesity	dendritic_cell	<i>CDRT4</i>	-0.05702897	0.028873372	0.541365252	1
Obesity	dendritic_cell	<i>CENPA</i>	0.013211175	0.040201137	0.618884016	1
Obesity	dendritic_cell	<i>CENPM</i>	-0.06358231	0.038197501	0.602040529	1
Obesity	dendritic_cell	<i>CETN3</i>	-0.017458124	0.019210445	0.502114472	1
Obesity	dendritic_cell	<i>CIAO1</i>	-0.005084289	0.014725278	0.461156871	1
Obesity	dendritic_cell	<i>CKAP2</i>	-0.008075892	0.002157181	0.199582388	1
Obesity	dendritic_cell	<i>CLCA4</i>	-0.091356311	0.000767403	0.10287486	1
Obesity	dendritic_cell	<i>CLDN1</i>	-0.00257102	0.041105356	0.623453698	1
Obesity	dendritic_cell	<i>CLEC18A</i>	-0.043499787	0.005371372	0.288321117	1
Obesity	dendritic_cell	<i>CNGB3</i>	-0.007839015	0.02469831	0.52120048	1
Obesity	dendritic_cell	<i>CNTLN</i>	0.001771022	0.013007298	0.436027252	1
Obesity	dendritic_cell	<i>COPB2</i>	-0.002368731	0.022414302	0.512874373	1
Obesity	dendritic_cell	<i>CWC15</i>	0.004034284	0.022855595	0.512874373	1
Obesity	dendritic_cell	<i>CXCL6</i>	0.023131561	0.002500271	0.208814848	1
Obesity	dendritic_cell	<i>CYP2U1</i>	0.014726155	0.011024839	0.398444588	1
Obesity	dendritic_cell	<i>CYP4V2</i>	0.008999698	0.022949631	0.512874373	1
Obesity	dendritic_cell	<i>CYP4Z1</i>	-0.029607062	0.021466852	0.511845734	1
Obesity	dendritic_cell	<i>D2HGDH</i>	-0.005952118	0.022836175	0.512874373	1

Obesity	dendritic_cell	<i>DCP2</i>	-0.00216933	0.039950593	0.618884016	1
Obesity	dendritic_cell	<i>DDHD2</i>	-0.00359917	0.005403855	0.288321117	1
Obesity	dendritic_cell	<i>DDTL</i>	-0.032466874	0.000564238	0.098508437	1
Obesity	dendritic_cell	<i>DDX55</i>	-0.007608666	0.018735421	0.49810379	1
Obesity	dendritic_cell	<i>DNAAF1</i>	-0.08245473	0.014599451	0.461156871	1
Obesity	dendritic_cell	<i>DNAJC30</i>	-0.014108356	0.019333874	0.502114472	1
Obesity	dendritic_cell	<i>DNLZ</i>	0.093674786	0.005178292	0.288321117	1
Obesity	dendritic_cell	<i>DNTTIP1</i>	-0.005218629	0.049495238	0.667668834	1
Obesity	dendritic_cell	<i>DPP9</i>	0.002694298	0.035787802	0.590260537	1
Obesity	dendritic_cell	<i>DUS3L</i>	0.018372843	0.043904016	0.644176328	1
Obesity	dendritic_cell	<i>EFHB</i>	-0.007919386	0.033081044	0.573156956	1
Obesity	dendritic_cell	<i>EIF3M</i>	-0.004455067	0.017830843	0.493094217	1
Obesity	dendritic_cell	<i>ELK4</i>	0.005826985	0.001571233	0.161522787	1
Obesity	dendritic_cell	<i>ELOVL4</i>	-0.053350057	0.035314646	0.590027173	1
Obesity	dendritic_cell	<i>EPCAM</i>	-0.02527875	0.003065713	0.23558633	1
Obesity	dendritic_cell	<i>EPN3</i>	-0.104234878	0.014601977	0.461156871	1
Obesity	dendritic_cell	<i>EVI5L</i>	-0.014682226	0.009533336	0.367417857	1
Obesity	dendritic_cell	<i>EXOSC6</i>	-0.008317157	0.016871456	0.487795984	1
Obesity	dendritic_cell	<i>FAM181B</i>	-0.053516791	0.015371624	0.474550498	1
Obesity	dendritic_cell	<i>FAM182B</i>	-0.018227935	0.00064915	0.100098963	1
Obesity	dendritic_cell	<i>FAM184A</i>	-0.006130213	0.046426686	0.656638515	1
Obesity	dendritic_cell	<i>FAM196B</i>	0.002462069	0.025558218	0.526282264	1
Obesity	dendritic_cell	<i>FAM227A</i>	-0.036332212	0.001790944	0.172602267	1
Obesity	dendritic_cell	<i>FAM72B</i>	-0.015044275	0.030496528	0.550043143	1
Obesity	dendritic_cell	<i>FANCG</i>	0.042771783	0.005415422	0.288321117	1
Obesity	dendritic_cell	<i>FARP2</i>	0.003109637	0.040536502	0.618884016	1
Obesity	dendritic_cell	<i>FBF1</i>	-0.005600179	0.019754612	0.502114472	1
Obesity	dendritic_cell	<i>FGF20</i>	-0.122095994	0.022727081	0.512874373	1
Obesity	dendritic_cell	<i>FGFR3</i>	-0.036971807	0.002572946	0.208814848	1
Obesity	dendritic_cell	<i>FHL3</i>	-0.009755856	0.034207511	0.581779208	1
Obesity	dendritic_cell	<i>FIGN</i>	0.001453965	0.046647103	0.656638515	1
Obesity	dendritic_cell	<i>FLVCRI-ASI</i>	0.008396177	0.035467205	0.5901845	1
Obesity	dendritic_cell	<i>FLYWCHI</i>	-0.00480271	0.026623358	0.53547675	1
Obesity	dendritic_cell	<i>FN3KRP</i>	-0.011821967	0.003586779	0.252376576	1
Obesity	dendritic_cell	<i>FOLR1</i>	-0.012210436	0.017107351	0.488209004	1
Obesity	dendritic_cell	<i>FOXN4</i>	-0.033404432	0.02473484	0.52120048	1
Obesity	dendritic_cell	<i>GALNT3</i>	0.005063109	0.031208599	0.555272999	1
Obesity	dendritic_cell	<i>GALNT8</i>	-0.025468841	0.041564087	0.626862478	1
Obesity	dendritic_cell	<i>GAS2L2</i>	-0.134916472	0.04867856	0.667668834	1
Obesity	dendritic_cell	<i>GDPD1</i>	0.004648893	0.009448635	0.367305776	1
Obesity	dendritic_cell	<i>GGPS1</i>	0.005151095	0.003600703	0.252376576	1
Obesity	dendritic_cell	<i>GIMAP5</i>	0.019730435	8.57E-05	0.046422215	0.396644997
Obesity	dendritic_cell	<i>GNAI5</i>	0.012878895	0.045130275	0.65133657	1
Obesity	dendritic_cell	<i>GNBIL</i>	0.010679065	0.009881983	0.374705359	1
Obesity	dendritic_cell	<i>GNG2</i>	0.001451935	0.029373687	0.541365252	1
Obesity	dendritic_cell	<i>GNMT</i>	-0.05289434	0.008002084	0.335826124	1
Obesity	dendritic_cell	<i>GNPTG</i>	-0.008537905	0.024122508	0.52120048	1
Obesity	dendritic_cell	<i>GPR158</i>	-0.019329858	0.023656531	0.516203355	1
Obesity	dendritic_cell	<i>GRPEL1</i>	0.011092306	0.049723784	0.667668834	1
Obesity	dendritic_cell	<i>GSDMC</i>	-0.070511901	0.017704127	0.493094217	1
Obesity	dendritic_cell	<i>GSTT2B</i>	-0.055180496	8.67E-05	0.046422215	0.401281664
Obesity	dendritic_cell	<i>GXYLT2</i>	-0.003098334	0.020618224	0.508129105	1

Obesity	dendritic_cell	<i>GYPE</i>	-0.015132619	0.018468743	0.49810379	1
Obesity	dendritic_cell	<i>HAGHL</i>	0.041231737	0.002544231	0.208814848	1
Obesity	dendritic_cell	<i>HARIA</i>	-0.090422612	7.10E-07	0.003284962	0.003284962
Obesity	dendritic_cell	<i>HDDC3</i>	-0.013801958	0.008058085	0.335826124	1
Obesity	dendritic_cell	<i>HELB</i>	0.003674108	0.049693243	0.667668834	1
Obesity	dendritic_cell	<i>HELLS</i>	0.006275	0.030495103	0.550043143	1
Obesity	dendritic_cell	<i>HKDC1</i>	0.037942132	0.024237036	0.52120048	1
Obesity	dendritic_cell	<i>HNRNPAIL2</i>	-0.065136749	0.000918289	0.114811002	1
Obesity	dendritic_cell	<i>HRCT1</i>	-0.041445007	0.011315958	0.405795512	1
Obesity	dendritic_cell	<i>HYAL3</i>	-0.084824467	0.032014724	0.56206553	1
Obesity	dendritic_cell	<i>IFRD1</i>	-0.003991056	0.019547112	0.502114472	1
Obesity	dendritic_cell	<i>IMPG1</i>	-0.091461294	0.002635622	0.210213538	1
Obesity	dendritic_cell	<i>INPP5B</i>	-0.00441823	0.04505957	0.65133657	1
Obesity	dendritic_cell	<i>IP6K2</i>	-0.005657225	0.038836169	0.609003782	1
Obesity	dendritic_cell	<i>IPO7</i>	0.004452616	0.013214353	0.436639983	1
Obesity	dendritic_cell	<i>IQCG</i>	0.003851342	0.018369628	0.49810379	1
Obesity	dendritic_cell	<i>ITGAV</i>	-0.004115793	0.000310523	0.089780046	1
Obesity	dendritic_cell	<i>ITPKC</i>	-0.00715782	0.032008198	0.56206553	1
Obesity	dendritic_cell	<i>JSRP1</i>	0.071078006	0.003530849	0.252376576	1
Obesity	dendritic_cell	<i>KCNH4</i>	-0.049558617	0.046699972	0.656638515	1
Obesity	dendritic_cell	<i>KCNS3</i>	0.006213098	0.037790032	0.602040529	1
Obesity	dendritic_cell	<i>KIAA1841</i>	-0.003622336	0.011436497	0.406963365	1
Obesity	dendritic_cell	<i>KRT5</i>	-0.024048234	0.02186288	0.512874373	1
Obesity	dendritic_cell	<i>KRT7</i>	-0.045774076	0.001058299	0.119228535	1
Obesity	dendritic_cell	<i>LCAT</i>	-0.008101527	0.006930433	0.308270981	1
Obesity	dendritic_cell	<i>LINC00487</i>	-0.088993768	0.04991481	0.667668834	1
Obesity	dendritic_cell	<i>LINC00667</i>	-0.008924258	0.023619013	0.516203355	1
Obesity	dendritic_cell	<i>LINC00839</i>	-0.091963975	0.000238917	0.083556064	1
Obesity	dendritic_cell	<i>LINC00924</i>	-0.007584809	0.015829492	0.48494855	1
Obesity	dendritic_cell	<i>LINC00987</i>	0.011641667	0.003592972	0.252376576	1
Obesity	dendritic_cell	<i>LINC00989</i>	-0.002336707	0.006706682	0.301214678	1
Obesity	dendritic_cell	<i>LINC01119</i>	-0.032915658	0.001937194	0.182886931	1
Obesity	dendritic_cell	<i>LINC01139</i>	-0.024580504	0.017351628	0.489442863	1
Obesity	dendritic_cell	<i>LINGO4</i>	0.123200934	0.000458479	0.097674885	1
Obesity	dendritic_cell	<i>LRRC36</i>	-0.023735657	0.005823642	0.288321117	1
Obesity	dendritic_cell	<i>LRRC57</i>	0.007422343	0.00112094	0.119228535	1
Obesity	dendritic_cell	<i>LSG1</i>	0.004930029	0.006153007	0.290447046	1
Obesity	dendritic_cell	<i>LTBP3</i>	-0.007983496	0.047006776	0.65894953	1
Obesity	dendritic_cell	<i>LUZP2</i>	-0.02562269	0.020611232	0.508129105	1
Obesity	dendritic_cell	<i>LY6K</i>	-0.057778365	0.047902393	0.66745925	1
Obesity	dendritic_cell	<i>MACROD2</i>	-0.001466373	0.010897153	0.396930932	1
Obesity	dendritic_cell	<i>MAP1A</i>	-0.047393232	0.000778344	0.10287486	1
Obesity	dendritic_cell	<i>MAPK8IP1</i>	-0.071615868	0.000574952	0.098508437	1
Obesity	dendritic_cell	<i>MAU2</i>	-0.00378043	0.049250078	0.667668834	1
Obesity	dendritic_cell	<i>MEAI</i>	-0.028820081	0.011867159	0.415889995	1
Obesity	dendritic_cell	<i>MEDI9</i>	-0.013484161	0.034514895	0.584648425	1
Obesity	dendritic_cell	<i>MED25</i>	-0.008545648	0.007910662	0.33573141	1
Obesity	dendritic_cell	<i>MFSD5</i>	0.021409696	0.036248745	0.590260537	1
Obesity	dendritic_cell	<i>MFSD8</i>	0.006956426	0.048288209	0.667668834	1
Obesity	dendritic_cell	<i>MGAT3</i>	0.022352806	0.027921187	0.541365252	1
Obesity	dendritic_cell	<i>MICU2</i>	-0.002186542	0.035330205	0.590027173	1
Obesity	dendritic_cell	<i>MILR1</i>	0.011277252	0.000974711	0.118658286	1

Obesity	dendritic_cell	<i>MLIP</i>	0.013946774	0.028137256	0.541365252	1
Obesity	dendritic_cell	<i>MOV10</i>	0.006238926	0.00582712	0.288321117	1
Obesity	dendritic_cell	<i>MPHOSPH6</i>	-0.004727601	0.00457029	0.28653065	1
Obesity	dendritic_cell	<i>MRPL42</i>	0.005879834	0.007360998	0.32311696	1
Obesity	dendritic_cell	<i>MTBP</i>	0.00398017	0.017202349	0.488209004	1
Obesity	dendritic_cell	<i>MTMR6</i>	-0.00621789	0.007697615	0.329714515	1
Obesity	dendritic_cell	<i>MTRF1L</i>	-0.01232734	0.001134037	0.119228535	1
Obesity	dendritic_cell	<i>MUL1</i>	-0.012836471	0.02093903	0.508129105	1
Obesity	dendritic_cell	<i>NAA11</i>	-0.012831499	1.46E-06	0.003369084	0.006738169
Obesity	dendritic_cell	<i>NARFL</i>	0.008914167	0.024852587	0.52120048	1
Obesity	dendritic_cell	<i>NDORI</i>	0.00522474	0.019533594	0.502114472	1
Obesity	dendritic_cell	<i>NDUFA3</i>	0.005513978	0.024899547	0.52120048	1
Obesity	dendritic_cell	<i>NDUFS8</i>	-0.00718148	0.025802289	0.528147744	1
Obesity	dendritic_cell	<i>NEK1</i>	-0.000806513	0.033472593	0.575629049	1
Obesity	dendritic_cell	<i>NEK9</i>	0.003031256	0.028597312	0.541365252	1
Obesity	dendritic_cell	<i>NMB</i>	-0.010855762	0.021584796	0.511845734	1
Obesity	dendritic_cell	<i>NME6</i>	-0.019201567	0.033969397	0.58173684	1
Obesity	dendritic_cell	<i>NOC3L</i>	-0.003009304	0.030795757	0.550043143	1
Obesity	dendritic_cell	<i>NOS2</i>	-0.183455774	0.000776127	0.10287486	1
Obesity	dendritic_cell	<i>NOXRED1</i>	-0.047523728	0.001132056	0.119228535	1
Obesity	dendritic_cell	<i>NPIPA1</i>	-0.010574853	0.040014329	0.618884016	1
Obesity	dendritic_cell	<i>NRXN2</i>	0.021896812	0.005261361	0.288321117	1
Obesity	dendritic_cell	<i>NT5C2</i>	-0.000973027	0.016552807	0.487795984	1
Obesity	dendritic_cell	<i>NUDT2</i>	-0.007153009	0.022105996	0.512874373	1
Obesity	dendritic_cell	<i>NUP85</i>	-0.005053156	0.018130667	0.496286775	1
Obesity	dendritic_cell	<i>NYAP1</i>	-0.036820179	0.009097424	0.362799007	1
Obesity	dendritic_cell	<i>ODF2L</i>	-0.004327469	0.004707378	0.28653065	1
Obesity	dendritic_cell	<i>ORAI3</i>	-0.017482133	0.029327398	0.541365252	1
Obesity	dendritic_cell	<i>OSR1</i>	-0.020131862	0.009415587	0.367305776	1
Obesity	dendritic_cell	<i>OTOF</i>	-0.059114874	0.03661043	0.592167303	1
Obesity	dendritic_cell	<i>P2RY12</i>	-0.005415589	0.004660693	0.28653065	1
Obesity	dendritic_cell	<i>PAK4</i>	-0.009626296	0.025066388	0.522329318	1
Obesity	dendritic_cell	<i>PAOX</i>	0.016329374	0.000299379	0.089780046	1
Obesity	dendritic_cell	<i>PARK7</i>	-0.004379802	0.017107581	0.488209004	1
Obesity	dendritic_cell	<i>PAXIP1-AS2</i>	0.005610732	0.005576563	0.288321117	1
Obesity	dendritic_cell	<i>PBXIP1</i>	0.009585448	0.004949287	0.288321117	1
Obesity	dendritic_cell	<i>PCDHB4</i>	-0.017344785	0.034079266	0.58173684	1
Obesity	dendritic_cell	<i>PDLIM4</i>	-0.055666701	0.000508763	0.097674885	1
Obesity	dendritic_cell	<i>PDSS2</i>	0.002727599	0.036955652	0.595668457	1
Obesity	dendritic_cell	<i>PDZD2</i>	-0.001554375	0.004640014	0.28653065	1
Obesity	dendritic_cell	<i>PEPD</i>	0.002967493	0.010625261	0.393219667	1
Obesity	dendritic_cell	<i>PGPEP1</i>	0.014329254	1.85E-05	0.021433762	0.08573505
Obesity	dendritic_cell	<i>PHIP</i>	0.002244596	0.010218058	0.384298666	1
Obesity	dendritic_cell	<i>PHYH</i>	0.008024067	0.002484938	0.208814848	1
Obesity	dendritic_cell	<i>PICK1</i>	-0.011099777	0.038261979	0.602040529	1
Obesity	dendritic_cell	<i>PIGO</i>	0.008452027	0.036359444	0.590260537	1
Obesity	dendritic_cell	<i>PIK3CD</i>	0.002924166	0.01642396	0.487795984	1
Obesity	dendritic_cell	<i>PIP5KL1</i>	-0.018316432	0.034755365	0.584648425	1
Obesity	dendritic_cell	<i>PIWIL2</i>	-0.015580456	0.030794097	0.550043143	1
Obesity	dendritic_cell	<i>PKP3</i>	0.016326274	0.040471874	0.618884016	1
Obesity	dendritic_cell	<i>PLBD2</i>	-0.009440815	0.037449536	0.599451742	1
Obesity	dendritic_cell	<i>PPMIK</i>	-0.00470682	0.009081205	0.362799007	1

Obesity	dendritic_cell	<i>PRDM8</i>	-0.020816678	0.003106521	0.23558633	1
Obesity	dendritic_cell	<i>PRMT6</i>	-0.027408702	0.028569245	0.541365252	1
Obesity	dendritic_cell	<i>PROM2</i>	0.108988689	0.018546798	0.49810379	1
Obesity	dendritic_cell	<i>PRPH2</i>	0.008467663	0.024880617	0.52120048	1
Obesity	dendritic_cell	<i>PUS3</i>	-0.013934415	0.023115532	0.514098322	1
Obesity	dendritic_cell	<i>PWWP2B</i>	-0.020391893	0.000519668	0.097674885	1
Obesity	dendritic_cell	<i>RAB43</i>	-0.164586264	0.00170829	0.171794578	1
Obesity	dendritic_cell	<i>RBL2</i>	0.001918539	0.020454198	0.508129105	1
Obesity	dendritic_cell	<i>RCN2</i>	-0.005595427	0.01963993	0.502114472	1
Obesity	dendritic_cell	<i>REEP2</i>	0.027588137	0.004888862	0.288321117	1
Obesity	dendritic_cell	<i>RFWD2</i>	-0.000825643	0.020922629	0.508129105	1
Obesity	dendritic_cell	<i>RHCE</i>	-0.044217075	0.000711112	0.10287486	1
Obesity	dendritic_cell	<i>RHPN1</i>	0.064856831	0.000110386	0.046422215	0.510644364
Obesity	dendritic_cell	<i>RIFI</i>	-0.003061124	0.003839273	0.26118345	1
Obesity	dendritic_cell	<i>RNF14</i>	0.008625084	0.000527858	0.097674885	1
Obesity	dendritic_cell	<i>RNF157</i>	0.008036354	0.024508361	0.52120048	1
Obesity	dendritic_cell	<i>ROM1</i>	-0.030913892	0.007403891	0.32311696	1
Obesity	dendritic_cell	<i>RPAP1</i>	-0.00885583	0.029255375	0.541365252	1
Obesity	dendritic_cell	<i>RPL7L1</i>	-0.008011117	0.012500038	0.428218255	1
Obesity	dendritic_cell	<i>RRM2B</i>	-0.006861761	0.005920991	0.288321117	1
Obesity	dendritic_cell	<i>RTN4</i>	0.002219299	0.016781889	0.487795984	1
Obesity	dendritic_cell	<i>SAP25</i>	0.204983937	5.20E-06	0.008024245	0.024072734
Obesity	dendritic_cell	<i>SCAPER</i>	0.001501051	0.045764751	0.652813148	1
Obesity	dendritic_cell	<i>SCGB1B2P</i>	-0.039843939	0.027645876	0.541365252	1
Obesity	dendritic_cell	<i>SDHA</i>	-0.002836883	0.036311509	0.590260537	1
Obesity	dendritic_cell	<i>SERF2</i>	-0.003140955	0.003437693	0.252376576	1
Obesity	dendritic_cell	<i>SERGEF</i>	-0.003503942	0.045638889	0.652813148	1
Obesity	dendritic_cell	<i>SF3B3</i>	0.003609635	0.021961555	0.512874373	1
Obesity	dendritic_cell	<i>SFTPD</i>	-0.008103312	0.040170349	0.618884016	1
Obesity	dendritic_cell	<i>SGTA</i>	0.013924299	0.025597386	0.526282264	1
Obesity	dendritic_cell	<i>SLAIN2</i>	-0.003448016	0.038195533	0.602040529	1
Obesity	dendritic_cell	<i>SLC12A2</i>	-0.001975576	0.020942251	0.508129105	1
Obesity	dendritic_cell	<i>SLC12A4</i>	-0.004438424	0.0233893	0.515232876	1
Obesity	dendritic_cell	<i>SLC23A3</i>	-0.023049707	0.016685026	0.487795984	1
Obesity	dendritic_cell	<i>SLC25A51</i>	-0.049111477	0.001755048	0.172602267	1
Obesity	dendritic_cell	<i>SLC26A8</i>	-0.029263101	0.031438238	0.557215663	1
Obesity	dendritic_cell	<i>SLC35B4</i>	0.007425346	0.016193743	0.487795984	1
Obesity	dendritic_cell	<i>SLC47A1</i>	-0.011734773	0.020979823	0.508129105	1
Obesity	dendritic_cell	<i>SLC5A11</i>	-0.029108917	0.021602747	0.511845734	1
Obesity	dendritic_cell	<i>SLC6A1</i>	0.007993641	0.04160112	0.626862478	1
Obesity	dendritic_cell	<i>SMIM19</i>	0.002768226	0.046404886	0.656638515	1
Obesity	dendritic_cell	<i>SNIP1</i>	-0.009457768	0.000409686	0.097674885	1
Obesity	dendritic_cell	<i>SPINK5</i>	-0.013470181	0.012909782	0.435917174	1
Obesity	dendritic_cell	<i>SRP72</i>	-0.005497107	0.019536794	0.502114472	1
Obesity	dendritic_cell	<i>SRRT</i>	0.005717019	0.034748663	0.584648425	1
Obesity	dendritic_cell	<i>STEAP3</i>	0.010626178	0.016708841	0.487795984	1
Obesity	dendritic_cell	<i>SURF1</i>	0.009605197	0.005832319	0.288321117	1
Obesity	dendritic_cell	<i>SUSD2</i>	-0.01529764	0.044526341	0.647732239	1
Obesity	dendritic_cell	<i>SYTL2</i>	0.001710055	0.029361493	0.541365252	1
Obesity	dendritic_cell	<i>TARS2</i>	-0.009586391	0.006426711	0.297299674	1
Obesity	dendritic_cell	<i>TAS2R43</i>	-0.061045959	0.014152782	0.457837559	1
Obesity	dendritic_cell	<i>TBC1D4</i>	-0.00305053	0.005759006	0.288321117	1

Obesity	dendritic_cell	<i>TBCA</i>	0.003969723	0.016374338	0.487795984	1
Obesity	dendritic_cell	<i>TBKBPI</i>	0.019932173	0.042807255	0.639646601	1
Obesity	dendritic_cell	<i>TDRD5</i>	-0.061639456	0.016853005	0.487795984	1
Obesity	dendritic_cell	<i>TECPR1</i>	-0.002598599	0.043319163	0.640237859	1
Obesity	dendritic_cell	<i>TIGD1</i>	-0.005065406	0.043022793	0.639646601	1
Obesity	dendritic_cell	<i>TLDC1</i>	-0.004743942	0.04586344	0.652813148	1
Obesity	dendritic_cell	<i>TMED6</i>	-0.089069622	0.006668264	0.301214678	1
Obesity	dendritic_cell	<i>TMEM116</i>	0.005103964	0.026460031	0.53547675	1
Obesity	dendritic_cell	<i>TMEM133</i>	-0.119747786	0.032076373	0.56206553	1
Obesity	dendritic_cell	<i>TMEM200B</i>	0.019436599	0.044003398	0.644176328	1
Obesity	dendritic_cell	<i>TMEM252</i>	-0.060136693	0.004158177	0.274221541	1
Obesity	dendritic_cell	<i>TMPRSS6</i>	-0.049722307	0.04041307	0.618884016	1
Obesity	dendritic_cell	<i>TNFRSF10A</i>	-0.007074185	0.045474665	0.652813148	1
Obesity	dendritic_cell	<i>TNFSF10</i>	-0.003025877	0.018656433	0.49810379	1
Obesity	dendritic_cell	<i>TRMT10B</i>	0.005434694	0.000504723	0.097674885	1
Obesity	dendritic_cell	<i>TSLP</i>	-0.014379586	0.04862643	0.667668834	1
Obesity	dendritic_cell	<i>TTC32</i>	-0.017184767	0.000250039	0.083556064	1
Obesity	dendritic_cell	<i>UBAC1</i>	0.004651805	0.012589209	0.428218255	1
Obesity	dendritic_cell	<i>UBAP1L</i>	-0.008954	0.000102029	0.046422215	0.471985595
Obesity	dendritic_cell	<i>UBE2Q2L</i>	-0.025251085	0.049856255	0.667668834	1
Obesity	dendritic_cell	<i>UBOX5</i>	0.010566363	0.00061129	0.098880752	1
Obesity	dendritic_cell	<i>ULK3</i>	0.009152731	0.006689242	0.301214678	1
Obesity	dendritic_cell	<i>UNC45A</i>	-0.012178995	0.002301658	0.204759081	1
Obesity	dendritic_cell	<i>URGCP</i>	-0.004370291	0.02977684	0.545954462	1
Obesity	dendritic_cell	<i>USP38</i>	-0.010349253	0.005366287	0.288321117	1
Obesity	dendritic_cell	<i>VAMP4</i>	-0.005512026	0.000486807	0.097674885	1
Obesity	dendritic_cell	<i>VANGLI1</i>	-0.01532273	0.029858729	0.545954462	1
Obesity	dendritic_cell	<i>VIPAS39</i>	0.005492462	0.045196506	0.65133657	1
Obesity	dendritic_cell	<i>VPS29</i>	-0.004093151	0.035982428	0.590260537	1
Obesity	dendritic_cell	<i>WDFY2</i>	0.001946757	0.000619875	0.098880752	1
Obesity	dendritic_cell	<i>WDR63</i>	-0.005036787	0.013638821	0.447469405	1
Obesity	dendritic_cell	<i>WDR88</i>	-0.006350277	0.004010945	0.268907716	1
Obesity	dendritic_cell	<i>WFDC3</i>	-0.020517403	0.005466623	0.288321117	1
Obesity	dendritic_cell	<i>WHAMM</i>	-0.007253745	0.027904505	0.541365252	1
Obesity	dendritic_cell	<i>WRB</i>	-0.008781839	0.008539296	0.351093083	1
Obesity	dendritic_cell	<i>YPEL4</i>	-0.031703092	0.044448966	0.647732239	1
Obesity	dendritic_cell	<i>YTHDF3-AS1</i>	-0.031853475	0.001118591	0.119228535	1
Obesity	dendritic_cell	<i>ZNF132</i>	-0.020459722	0.04892489	0.667668834	1
Obesity	dendritic_cell	<i>ZNF189</i>	0.005965826	0.022623472	0.512874373	1
Obesity	dendritic_cell	<i>ZNF229</i>	-0.060941107	0.03807371	0.602040529	1
Obesity	dendritic_cell	<i>ZNF285</i>	-0.077357339	0.028852041	0.541365252	1
Obesity	dendritic_cell	<i>ZNF320</i>	-0.010147905	0.04928329	0.667668834	1
Obesity	dendritic_cell	<i>ZNF329</i>	-0.006026863	0.028223596	0.541365252	1
Obesity	dendritic_cell	<i>ZNF334</i>	0.008749056	0.000847803	0.108942657	1
Obesity	dendritic_cell	<i>ZNF404</i>	-0.016820458	0.023376936	0.515232876	1
Obesity	dendritic_cell	<i>ZNF432</i>	-0.009326257	0.040962689	0.623333551	1
Obesity	dendritic_cell	<i>ZNF497</i>	-0.150462017	0.002849626	0.223429969	1
Obesity	dendritic_cell	<i>ZNF550</i>	0.007180544	0.027091115	0.540187501	1
Obesity	dendritic_cell	<i>ZNF670</i>	-0.038925801	0.008576204	0.351093083	1
Obesity	dendritic_cell	<i>ZNF708</i>	0.003557257	0.019647901	0.502114472	1
Obesity	dendritic_cell	<i>ZNF728</i>	-0.023925781	0.032833024	0.571331569	1
Obesity	dendritic_cell	<i>ZNF846</i>	0.002169054	0.02055264	0.508129105	1

Obesity	dendritic_cell	ZSCAN18	-0.003264331	0.028307596	0.541365252	1
Obesity	dendritic_cell	ALGIL	-0.125604155	0.004961102	0.288321117	1
Obesity	dendritic_cell	C4B	-0.084461235	0.020281923	0.508129105	1
Obesity	dendritic_cell	HOXB9	-0.072686098	9.82E-05	0.046422215	0.454043114
Obesity	dendritic_cell	PROKRI	0.148148908	0.000252872	0.083556064	1
Obesity	dendritic_cell	DCD	0.051683774	0.026526218	0.53547675	1
Obesity	dendritic_cell	KIR3DL1	-0.042720002	0.033255952	0.574037447	1
Obesity	dendritic_cell	MRGPRX2	0.016863995	0.04784811	0.66745925	1
Obesity	dendritic_cell	VGLL2	-0.013886624	0.001062403	0.119228535	1
Obesity	dendritic_cell	C11orf87	-0.178357726	0.009610368	0.367417857	1
Obesity	dendritic_cell	SRXN1	-0.014057338	0.002470956	0.208814848	1
Obesity	dendritic_cell	CYP1A1	-0.005163957	0.03715206	0.596754968	1
Obesity	dendritic_cell	APOBEC3B	-0.009822108	0.007687396	0.329714515	1
Obesity	dendritic_cell	GPR42	-0.006229274	0.005904076	0.288321117	1
Obesity	dendritic_cell	LINC00364	-0.018573994	0.021659136	0.511845734	1
Obesity	endometrium	ABCD3	-0.002784251	0.047137849	0.766211349	1
Obesity	endometrium	ACAD10	-0.005801108	0.040109849	0.747568736	1
Obesity	endometrium	ACAD9	-0.010190308	0.005498339	0.381765845	1
Obesity	endometrium	ACADL	-0.007162076	0.005876406	0.382876835	1
Obesity	endometrium	ACVRL1	-0.01831935	0.000136017	0.149823746	0.629216779
Obesity	endometrium	ADAT1	-0.01078359	0.02144935	0.58613367	1
Obesity	endometrium	ADRA2B	0.029597174	0.043405492	0.747568736	1
Obesity	endometrium	AHRR	0.011544243	0.011228546	0.485450966	1
Obesity	endometrium	AL590822.1	0.023612018	0.015461434	0.55445422	1
Obesity	endometrium	AMIGO1	-0.08234073	0.010647131	0.472174387	1
Obesity	endometrium	ANKRD29	-0.00289202	0.025734135	0.622803738	1
Obesity	endometrium	AP006621.1	-0.009765013	0.020870955	0.585145673	1
Obesity	endometrium	ARHGAP33	-0.017124706	0.026449751	0.63070386	1
Obesity	endometrium	ARHGEF25	-0.017874975	0.004857874	0.355268936	1
Obesity	endometrium	ARL1	0.005102961	0.024660075	0.613003309	1
Obesity	endometrium	ARSB	0.002289761	0.021221044	0.58613367	1
Obesity	endometrium	ATE1	0.003732209	0.026447435	0.63070386	1
Obesity	endometrium	B3GALNT2	-0.004217711	0.001446631	0.24683905	1
Obesity	endometrium	BCL2L13	-0.002860798	0.043017731	0.747568736	1
Obesity	endometrium	BOD1L1	-0.003812527	0.036872916	0.747568736	1
Obesity	endometrium	BROX	-0.00604539	0.034528176	0.741560961	1
Obesity	endometrium	BST1	-0.005822617	0.04316672	0.747568736	1
Obesity	endometrium	BVES	0.025838067	0.007311955	0.415122396	1
Obesity	endometrium	C10orf107	-0.008861694	0.037045047	0.747568736	1
Obesity	endometrium	C1QTNF9	-0.042818571	0.041558777	0.747568736	1
Obesity	endometrium	C20orf203	-0.046592382	0.040562654	0.747568736	1
Obesity	endometrium	C21orf33	0.068609688	0.020585017	0.582410908	1
Obesity	endometrium	C3orf58	-0.006160382	0.044328215	0.747568736	1
Obesity	endometrium	C7orf49	0.004063812	0.023855901	0.603045886	1
Obesity	endometrium	C8orf33	-0.007942349	0.017199549	0.562736476	1
Obesity	endometrium	C9orf152	0.030165005	0.007362827	0.415122396	1
Obesity	endometrium	CALML6	-0.084500639	0.047204979	0.766211349	1
Obesity	endometrium	CAND1	-0.005297273	0.000986719	0.190190062	1
Obesity	endometrium	CAPN9	-0.028661385	0.000228163	0.175520396	1
Obesity	endometrium	CARD10	-0.009845669	0.049811086	0.797172301	1
Obesity	endometrium	CASCI	-0.019178923	0.021946195	0.586838704	1
Obesity	endometrium	CCDC112	0.004940326	0.006325423	0.391664454	1

Obesity	endometrium	<i>CCDC167</i>	-0.013876982	0.02330186	0.595549194	1
Obesity	endometrium	<i>CCDC82</i>	0.005417791	0.015915838	0.557902807	1
Obesity	endometrium	<i>CCDC89</i>	0.061798458	0.030658453	0.695225518	1
Obesity	endometrium	<i>CDC25B</i>	0.012006204	0.024584121	0.613003309	1
Obesity	endometrium	<i>CDC42EP1</i>	-0.017718826	0.001638358	0.24683905	1
Obesity	endometrium	<i>CENPA</i>	0.013671512	0.034022116	0.735450044	1
Obesity	endometrium	<i>CENPM</i>	-0.067101298	0.029077576	0.679357912	1
Obesity	endometrium	<i>CENPP</i>	-0.002800634	0.037730925	0.747568736	1
Obesity	endometrium	<i>CER1</i>	0.015917548	0.041197872	0.747568736	1
Obesity	endometrium	<i>CIAO1</i>	0.00497773	0.016910072	0.562736476	1
Obesity	endometrium	<i>CKMT2</i>	-0.011280534	0.018225266	0.56413289	1
Obesity	endometrium	<i>CLEC3B</i>	0.014668334	0.020647512	0.582410908	1
Obesity	endometrium	<i>CLUAP1</i>	-0.00645335	0.025849182	0.622803738	1
Obesity	endometrium	<i>CLYBL</i>	-0.003275618	0.009998558	0.472174387	1
Obesity	endometrium	<i>CNTNAP1</i>	-0.020491375	0.00207346	0.274052204	1
Obesity	endometrium	<i>COA7</i>	-0.009613639	0.018226057	0.56413289	1
Obesity	endometrium	<i>COG4</i>	0.00919002	0.002261838	0.281490484	1
Obesity	endometrium	<i>COPB2</i>	-0.002506942	0.016011951	0.557902807	1
Obesity	endometrium	<i>COX17</i>	-0.006603194	0.011906117	0.500706339	1
Obesity	endometrium	<i>CPT1C</i>	-0.029007636	0.014219344	0.536095707	1
Obesity	endometrium	<i>CYB5R2</i>	-0.03937609	0.014807946	0.548012471	1
Obesity	endometrium	<i>CYP2D6</i>	-0.054481344	0.032822284	0.716090993	1
Obesity	endometrium	<i>CYP4A11</i>	0.035092519	0.043708191	0.747568736	1
Obesity	endometrium	<i>D2HGDH</i>	-0.005753734	0.027836516	0.653663563	1
Obesity	endometrium	<i>DDIT4L</i>	-0.037436865	0.006443741	0.391664454	1
Obesity	endometrium	<i>DNAJC25</i>	-0.01227662	0.003825449	0.33442189	1
Obesity	endometrium	<i>DNAJC6</i>	-0.006053672	0.042547098	0.747568736	1
Obesity	endometrium	<i>DNTTIP1</i>	-0.005665554	0.032820699	0.716090993	1
Obesity	endometrium	<i>DUSP23</i>	-0.018415463	0.001872786	0.262530579	1
Obesity	endometrium	<i>DUSP8</i>	0.025504779	0.004122568	0.340553593	1
Obesity	endometrium	<i>ECI2</i>	0.00457862	0.037620709	0.747568736	1
Obesity	endometrium	<i>ENDOD1</i>	0.010427476	0.016961287	0.562736476	1
Obesity	endometrium	<i>ETHE1</i>	0.013412378	0.018890937	0.570778759	1
Obesity	endometrium	<i>ETV2</i>	-0.154383344	0.01705308	0.562736476	1
Obesity	endometrium	<i>EYA3</i>	0.003705541	0.019124428	0.570778759	1
Obesity	endometrium	<i>FAHD1</i>	-0.010662643	0.03781131	0.747568736	1
Obesity	endometrium	<i>FAM111A</i>	-0.003323393	0.036953042	0.747568736	1
Obesity	endometrium	<i>FAM153B</i>	-0.00449031	0.039574301	0.747568736	1
Obesity	endometrium	<i>FAM160B1</i>	0.003368672	0.010532188	0.472174387	1
Obesity	endometrium	<i>FAM182B</i>	-0.011262311	0.034625415	0.741560961	1
Obesity	endometrium	<i>FAM196A</i>	-0.004163425	0.005820794	0.382876835	1
Obesity	endometrium	<i>FAM19A3</i>	-0.112082183	0.043756357	0.747568736	1
Obesity	endometrium	<i>FAM228A</i>	-0.058103731	0.038359792	0.747568736	1
Obesity	endometrium	<i>FAM32A</i>	-0.017412253	0.02360939	0.60009362	1
Obesity	endometrium	<i>FAM50B</i>	-0.029240912	0.025604413	0.622803738	1
Obesity	endometrium	<i>FAM72B</i>	0.020517251	0.00346279	0.33442189	1
Obesity	endometrium	<i>FBN3</i>	0.017153189	0.027731404	0.653663563	1
Obesity	endometrium	<i>FBXO15</i>	-0.031008833	0.018604268	0.568981556	1
Obesity	endometrium	<i>FGF14-IT1</i>	0.082007239	0.00911355	0.472174387	1
Obesity	endometrium	<i>FLVCRI-AS1</i>	-0.008208649	0.04049839	0.747568736	1
Obesity	endometrium	<i>FOLR1</i>	-0.011535004	0.025012089	0.615457032	1
Obesity	endometrium	<i>GAA</i>	-0.005920671	0.047133277	0.766211349	1

Obesity	endometrium	<i>GABRP</i>	-0.02847125	0.042165671	0.747568736	1
Obesity	endometrium	<i>GABRR2</i>	-0.041770738	0.003976049	0.33442189	1
Obesity	endometrium	<i>GDNF-AS1</i>	0.006981106	0.0061921	0.391664454	1
Obesity	endometrium	<i>GFPT1</i>	0.005626617	0.001474735	0.24683905	1
Obesity	endometrium	<i>GGPS1</i>	0.006033359	0.00069952	0.190190062	1
Obesity	endometrium	<i>GIMAP8</i>	-0.003392472	0.003682122	0.33442189	1
Obesity	endometrium	<i>GLIPR1L2</i>	-0.011557085	0.022402763	0.58883627	1
Obesity	endometrium	<i>GLPIR</i>	-0.087210586	0.007692581	0.423641444	1
Obesity	endometrium	<i>GOLGA6L10</i>	-0.04965157	0.012978928	0.522091481	1
Obesity	endometrium	<i>GOLGA8R</i>	-0.074698135	0.041992594	0.747568736	1
Obesity	endometrium	<i>HAGH</i>	-0.002959534	0.039433608	0.747568736	1
Obesity	endometrium	<i>HAUS1</i>	-0.021131167	0.00082339	0.190190062	1
Obesity	endometrium	<i>HCG20</i>	-0.04405965	0.003065742	0.322320983	1
Obesity	endometrium	<i>HNRNPAIL2</i>	-0.047906131	0.015412438	0.55445422	1
Obesity	endometrium	<i>HRCT1</i>	-0.059221306	0.000307677	0.175520396	1
Obesity	endometrium	<i>HSD17B11</i>	-0.003574525	0.0232977	0.595549194	1
Obesity	endometrium	<i>HSD17B13</i>	-0.059254587	0.017395442	0.562736476	1
Obesity	endometrium	<i>HSPB7</i>	-0.042952224	0.000771602	0.190190062	1
Obesity	endometrium	<i>IFIT1B</i>	0.076690058	0.000410774	0.175520396	1
Obesity	endometrium	<i>IFRD1</i>	-0.005789533	0.000713121	0.190190062	1
Obesity	endometrium	<i>IGSF11</i>	-0.011294886	0.038288878	0.747568736	1
Obesity	endometrium	<i>IL11RA</i>	0.009668069	0.038409094	0.747568736	1
Obesity	endometrium	<i>IL17RC</i>	-0.017097425	0.035703875	0.747568736	1
Obesity	endometrium	<i>ING3</i>	0.004845751	0.02948348	0.685379799	1
Obesity	endometrium	<i>INSRR</i>	-0.032023592	0.012670099	0.514139296	1
Obesity	endometrium	<i>ITGAD</i>	-0.013787477	0.037119523	0.747568736	1
Obesity	endometrium	<i>ITGAV</i>	-0.003122871	0.006445996	0.391664454	1
Obesity	endometrium	<i>ITGB6</i>	0.051671637	0.000342502	0.175520396	1
Obesity	endometrium	<i>JMJD8</i>	0.017501934	0.00576499	0.382876835	1
Obesity	endometrium	<i>KDELC2</i>	-0.009970273	0.044446156	0.747568736	1
Obesity	endometrium	<i>KLK7</i>	0.013110734	0.021231083	0.58613367	1
Obesity	endometrium	<i>KLRG1</i>	0.0030377	0.006336979	0.391664454	1
Obesity	endometrium	<i>LINC00640</i>	-0.021388269	0.013974276	0.536095707	1
Obesity	endometrium	<i>LINC00654</i>	-0.082256892	0.045465485	0.756099327	1
Obesity	endometrium	<i>LINC00667</i>	-0.008284007	0.03574954	0.747568736	1
Obesity	endometrium	<i>LINC00939</i>	-0.033719937	0.017316644	0.562736476	1
Obesity	endometrium	<i>LLGL2</i>	0.004405662	0.008707356	0.462991139	1
Obesity	endometrium	<i>LRRC25</i>	0.009745116	0.042118537	0.747568736	1
Obesity	endometrium	<i>LRRC58</i>	0.008627795	0.013495693	0.532385425	1
Obesity	endometrium	<i>LY6K</i>	-0.089748427	0.002181055	0.280265563	1
Obesity	endometrium	<i>MAK16</i>	0.01780623	6.00E-05	0.092524057	0.277572171
Obesity	endometrium	<i>MAPK9</i>	0.007514564	0.039609784	0.747568736	1
Obesity	endometrium	<i>MARVELD1</i>	-0.00850598	0.000973963	0.190190062	1
Obesity	endometrium	<i>MATN3</i>	-0.055184665	0.019124667	0.570778759	1
Obesity	endometrium	<i>MBLAC1</i>	0.015231788	0.049974053	0.797172301	1
Obesity	endometrium	<i>MCM6</i>	0.008898973	0.04115404	0.747568736	1
Obesity	endometrium	<i>MDM1</i>	-0.008401946	0.002831388	0.304604634	1
Obesity	endometrium	<i>MED20</i>	-0.017797551	0.01869546	0.568981556	1
Obesity	endometrium	<i>METTL2B</i>	-0.017448638	0.003809574	0.33442189	1
Obesity	endometrium	<i>MIR22HG</i>	-0.01415309	0.020481607	0.582410908	1
Obesity	endometrium	<i>MPPE1</i>	0.005071539	0.041509682	0.747568736	1
Obesity	endometrium	<i>MROH7</i>	-0.056696323	0.003569083	0.33442189	1

Obesity	endometrium	<i>MRPL42</i>	0.006967654	0.001612597	0.24683905	1
Obesity	endometrium	<i>MRPL55</i>	-0.0122902	0.018001702	0.56413289	1
Obesity	endometrium	<i>MRPS15</i>	0.010902197	0.039402019	0.747568736	1
Obesity	endometrium	<i>MRPS7</i>	-0.006463168	0.041702773	0.747568736	1
Obesity	endometrium	<i>MSH3</i>	0.002160733	0.0302573	0.689724345	1
Obesity	endometrium	<i>MTRNR2L4</i>	-0.137201341	0.002611544	0.288710844	1
Obesity	endometrium	<i>NARF</i>	0.004951085	0.015183865	0.553075263	1
Obesity	endometrium	<i>NCSI</i>	-0.017611036	0.013695172	0.532385425	1
Obesity	endometrium	<i>NDUFB5</i>	0.009020039	0.007448154	0.415122396	1
Obesity	endometrium	<i>NFUI</i>	0.004323714	0.014117389	0.536095707	1
Obesity	endometrium	<i>NFXL1</i>	0.011165761	0.007332734	0.415122396	1
Obesity	endometrium	<i>NFYA</i>	0.0082103	0.032778437	0.716090993	1
Obesity	endometrium	<i>NMB</i>	0.009992512	0.034944714	0.744950456	1
Obesity	endometrium	<i>NRM</i>	0.029237742	0.017839518	0.56413289	1
Obesity	endometrium	<i>NT5C3B</i>	0.009621733	0.017987261	0.56413289	1
Obesity	endometrium	<i>NUP85</i>	0.004941383	0.021606519	0.58613367	1
Obesity	endometrium	<i>OTOF</i>	-0.064864777	0.022233579	0.58883627	1
Obesity	endometrium	<i>PABPC1L</i>	-0.01382749	0.000604126	0.190190062	1
Obesity	endometrium	<i>PBLD</i>	0.012465963	0.001654131	0.24683905	1
Obesity	endometrium	<i>PCDHB11</i>	-0.044819809	0.043692869	0.747568736	1
Obesity	endometrium	<i>PDHB</i>	-0.006466066	0.006519274	0.391664454	1
Obesity	endometrium	<i>PDPR</i>	0.009808092	0.003864858	0.33442189	1
Obesity	endometrium	<i>PENK</i>	-0.130448777	0.008317497	0.447443712	1
Obesity	endometrium	<i>PES1</i>	-0.005275453	0.03520561	0.747069513	1
Obesity	endometrium	<i>PHYH</i>	-0.006753102	0.011533722	0.489495411	1
Obesity	endometrium	<i>PIGQ</i>	0.012633111	0.044188714	0.747568736	1
Obesity	endometrium	<i>PKP3</i>	0.016440445	0.04047868	0.747568736	1
Obesity	endometrium	<i>PLA2G10</i>	0.02097744	0.019599806	0.576510894	1
Obesity	endometrium	<i>PLEKHH1</i>	-0.010212157	0.01042572	0.472174387	1
Obesity	endometrium	<i>POLM</i>	0.004874702	0.02264036	0.591719247	1
Obesity	endometrium	<i>PPP4R4</i>	-0.043670724	0.001603229	0.24683905	1
Obesity	endometrium	<i>PRIMPOL</i>	0.002577793	0.016978895	0.562736476	1
Obesity	endometrium	<i>PROM2</i>	-0.128089372	0.005846624	0.382876835	1
Obesity	endometrium	<i>PRPF38A</i>	-0.005871291	0.027792289	0.653663563	1
Obesity	endometrium	<i>PSMD13</i>	-0.008885726	0.000823865	0.190190062	1
Obesity	endometrium	<i>PSMD2</i>	0.015885403	2.07E-05	0.092524057	0.095788488
Obesity	endometrium	<i>PTBP2</i>	0.001871688	0.04180296	0.747568736	1
Obesity	endometrium	<i>PTCHD3</i>	-0.074254985	0.010027037	0.472174387	1
Obesity	endometrium	<i>PUS7L</i>	-0.003043677	0.041275557	0.747568736	1
Obesity	endometrium	<i>RAB2A</i>	0.002413702	0.000846354	0.190190062	1
Obesity	endometrium	<i>RAB8A</i>	-0.013220468	0.030915943	0.697379879	1
Obesity	endometrium	<i>RAD52</i>	-0.005479624	0.031054962	0.697379879	1
Obesity	endometrium	<i>RAMP2-AS1</i>	-0.009926526	0.013161246	0.52486142	1
Obesity	endometrium	<i>RASAL2-AS1</i>	-0.074810135	0.045254627	0.755768603	1
Obesity	endometrium	<i>RBFOX1</i>	-0.001865389	0.021398784	0.58613367	1
Obesity	endometrium	<i>RBL2</i>	-0.002607271	0.001708949	0.247049911	1
Obesity	endometrium	<i>RBM20</i>	0.007204832	0.009662517	0.472174387	1
Obesity	endometrium	<i>RCN2</i>	0.006801149	0.004915091	0.355268936	1
Obesity	endometrium	<i>RFT1</i>	0.005239114	0.043881093	0.747568736	1
Obesity	endometrium	<i>RHBDL3</i>	-0.015996291	0.031883944	0.709111179	1
Obesity	endometrium	<i>RHPN2</i>	-0.009892553	0.032971764	0.716090993	1
Obesity	endometrium	<i>RNF40</i>	-0.012482663	0.023998627	0.603356782	1

Obesity	endometrium	<i>RPA1</i>	-0.005566142	0.010153662	0.472174387	1
Obesity	endometrium	<i>RPP25</i>	0.054105105	0.00533137	0.379429533	1
Obesity	endometrium	<i>RPP25L</i>	0.017836916	0.019690601	0.576510894	1
Obesity	endometrium	<i>RRAGD</i>	0.02250347	0.039447636	0.747568736	1
Obesity	endometrium	<i>RTP4</i>	-0.038648908	0.007221099	0.415122396	1
Obesity	endometrium	<i>RUFY2</i>	0.003114326	0.001047588	0.193845743	1
Obesity	endometrium	<i>SI00A1</i>	-0.046302132	0.030266762	0.689724345	1
Obesity	endometrium	<i>SI00A3</i>	0.06424143	0.022354389	0.58883627	1
Obesity	endometrium	<i>SAMD5</i>	-0.01110829	0.013625653	0.532385425	1
Obesity	endometrium	<i>SAMM50</i>	0.010281946	0.011455806	0.489495411	1
Obesity	endometrium	<i>SAP18</i>	-0.006182233	0.012129421	0.503163732	1
Obesity	endometrium	<i>SAP30L</i>	-0.007592185	0.046613708	0.764663171	1
Obesity	endometrium	<i>SBNO2</i>	0.004960921	0.016160609	0.557902807	1
Obesity	endometrium	<i>SCN2B</i>	0.033978145	0.030207207	0.689724345	1
Obesity	endometrium	<i>SDHA</i>	0.00423333	0.002031097	0.274052204	1
Obesity	endometrium	<i>SEC22A</i>	-0.002013012	0.044157574	0.747568736	1
Obesity	endometrium	<i>SENP5</i>	-0.002209191	0.016130256	0.557902807	1
Obesity	endometrium	<i>SERPINF2</i>	-0.017350656	0.000161937	0.149823746	0.749118732
Obesity	endometrium	<i>SFXN3</i>	0.006264497	0.004895312	0.355268936	1
Obesity	endometrium	<i>SGSH</i>	0.007084936	0.048828562	0.787041557	1
Obesity	endometrium	<i>SH2D4B</i>	-0.087293573	0.00952447	0.472174387	1
Obesity	endometrium	<i>SIGLEC7</i>	0.018503872	0.010168819	0.472174387	1
Obesity	endometrium	<i>SIRT3</i>	0.006192888	0.037668169	0.747568736	1
Obesity	endometrium	<i>SKIV2L</i>	-0.017147528	0.010273539	0.472174387	1
Obesity	endometrium	<i>SLC12A2</i>	-0.00209154	0.014449774	0.539069777	1
Obesity	endometrium	<i>SLC23A3</i>	0.026048824	0.007080616	0.415122396	1
Obesity	endometrium	<i>SLC26A1</i>	-0.071516931	0.018292247	0.56413289	1
Obesity	endometrium	<i>SLC26A8</i>	-0.038760277	0.004360959	0.352561866	1
Obesity	endometrium	<i>SLC44A5</i>	-0.004715153	0.046030193	0.76048454	1
Obesity	endometrium	<i>SNN</i>	-0.010159178	0.008318236	0.447443712	1
Obesity	endometrium	<i>SNX29</i>	0.001258788	0.015022077	0.551524827	1
Obesity	endometrium	<i>SP140</i>	0.002316844	0.037048617	0.747568736	1
Obesity	endometrium	<i>SPTBN5</i>	0.042882436	0.036153466	0.747568736	1
Obesity	endometrium	<i>SSBP4</i>	0.005243873	0.025543082	0.622803738	1
Obesity	endometrium	<i>STIM2</i>	0.002300377	0.045601321	0.756099327	1
Obesity	endometrium	<i>SUPT4H1</i>	0.009757654	0.004420361	0.352561866	1
Obesity	endometrium	<i>TAF1C</i>	-0.01857012	0.000514686	0.190190062	1
Obesity	endometrium	<i>TAS2R20</i>	-0.069806653	0.044602026	0.747568736	1
Obesity	endometrium	<i>TBC1D4</i>	0.00307212	0.00552925	0.381765845	1
Obesity	endometrium	<i>TBCA</i>	0.003476924	0.03555603	0.747568736	1
Obesity	endometrium	<i>TBKBP1</i>	-0.019533728	0.047761806	0.772538865	1
Obesity	endometrium	<i>TCTE1</i>	0.102411466	0.019821477	0.576692776	1
Obesity	endometrium	<i>TCTEXID2</i>	-0.018585529	0.020454077	0.582410908	1
Obesity	endometrium	<i>TDRD9</i>	-0.049177883	0.042722453	0.747568736	1
Obesity	endometrium	<i>TEX14</i>	0.017957785	0.003933262	0.33442189	1
Obesity	endometrium	<i>TFR2</i>	-0.012588239	0.004561467	0.354222804	1
Obesity	endometrium	<i>TLDC1</i>	0.007168109	0.00262124	0.288710844	1
Obesity	endometrium	<i>TLE6</i>	-0.071858527	0.024779857	0.613003309	1
Obesity	endometrium	<i>TMA16</i>	0.00351445	0.020489279	0.582410908	1
Obesity	endometrium	<i>TMEM116</i>	-0.006711881	0.003596392	0.33442189	1
Obesity	endometrium	<i>TMEM143</i>	0.015737969	0.01965924	0.576510894	1
Obesity	endometrium	<i>TNPO2</i>	-0.00498474	0.009133893	0.472174387	1

Obesity	endometrium	<i>TREML4</i>	-0.007341955	0.009463935	0.472174387	1
Obesity	endometrium	<i>TRIM58</i>	-0.066108801	0.016846049	0.562736476	1
Obesity	endometrium	<i>TRIM7</i>	-0.026213241	0.012182088	0.503163732	1
Obesity	endometrium	<i>TRIP6</i>	-0.011720399	0.010780697	0.472174387	1
Obesity	endometrium	<i>TRMT61B</i>	-0.005601739	0.00041364	0.175520396	1
Obesity	endometrium	<i>TSPYL1</i>	-0.010817586	0.039362038	0.747568736	1
Obesity	endometrium	<i>TSPYL5</i>	-0.021991669	4.25E-05	0.092524057	0.196395692
Obesity	endometrium	<i>TTC32</i>	0.010076372	0.032744997	0.716090993	1
Obesity	endometrium	<i>UBA52</i>	-0.003137792	0.012497391	0.511618864	1
Obesity	endometrium	<i>UBQLNL</i>	-0.05110389	0.043711162	0.747568736	1
Obesity	endometrium	<i>ULK2</i>	-0.002615972	0.041134353	0.747568736	1
Obesity	endometrium	<i>UNC45B</i>	-0.031801552	0.030087981	0.689724345	1
Obesity	endometrium	<i>USP38</i>	-0.008456355	0.023142951	0.595549194	1
Obesity	endometrium	<i>VAPB</i>	-0.002859497	0.046340338	0.76288399	1
Obesity	endometrium	<i>VATIL</i>	-0.021105336	0.014254166	0.536095707	1
Obesity	endometrium	<i>VIPAS39</i>	-0.008283268	0.002529028	0.288710844	1
Obesity	endometrium	<i>VNIR1</i>	-0.078430171	0.016155546	0.557902807	1
Obesity	endometrium	<i>WDFY2</i>	0.001120439	0.049496738	0.795041356	1
Obesity	endometrium	<i>WDR17</i>	-0.020593751	0.000417364	0.175520396	1
Obesity	endometrium	<i>WFDC3</i>	-0.024664251	0.000880222	0.190190062	1
Obesity	endometrium	<i>WFDC6</i>	-0.062898083	0.038539654	0.747568736	1
Obesity	endometrium	<i>WIPF1</i>	0.001586907	0.021861426	0.586838704	1
Obesity	endometrium	<i>XKR9</i>	-0.00897953	0.044160781	0.747568736	1
Obesity	endometrium	<i>YPEL3</i>	-0.005268761	0.009852732	0.472174387	1
Obesity	endometrium	<i>ZDHC11B</i>	-0.009662586	0.031519936	0.704402045	1
Obesity	endometrium	<i>ZKSCAN2</i>	-0.038836745	0.023016369	0.595549194	1
Obesity	endometrium	<i>ZKSCAN7</i>	0.014976619	0.018166749	0.56413289	1
Obesity	endometrium	<i>ZNF334</i>	-0.009063264	0.000552235	0.190190062	1
Obesity	endometrium	<i>ZNF420</i>	-0.006159286	0.002431152	0.288372066	1
Obesity	endometrium	<i>ZNF483</i>	-0.006989025	0.010819387	0.472174387	1
Obesity	endometrium	<i>ZNF500</i>	-0.012221617	0.01065122	0.472174387	1
Obesity	endometrium	<i>ZNF549</i>	-0.009387364	0.000940339	0.190190062	1
Obesity	endometrium	<i>ZNF550</i>	-0.006594806	0.042376732	0.747568736	1
Obesity	endometrium	<i>ZNF641</i>	-0.004923066	0.010610476	0.472174387	1
Obesity	endometrium	<i>ZNF670</i>	0.038216695	0.010306658	0.472174387	1
Obesity	endometrium	<i>ZNF703</i>	-0.027218417	0.037471475	0.747568736	1
Obesity	endometrium	<i>ZNF827</i>	-0.004642723	0.042298697	0.747568736	1
Obesity	endometrium	<i>ZSCAN18</i>	-0.00313753	0.036629758	0.747568736	1
Obesity	endometrium	<i>DNAH10OS</i>	0.048585574	0.02166642	0.58613367	1
Obesity	endometrium	<i>REG3G</i>	-0.060988002	0.003828431	0.33442189	1
Obesity	endometrium	<i>DCD</i>	-0.067892543	0.003804697	0.33442189	1
Obesity	endometrium	<i>KIR3DL1</i>	0.061755428	0.002312287	0.281490484	1
Obesity	endometrium	<i>SLC12A5</i>	0.059549514	0.00469289	0.355268936	1
Obesity	endometrium	<i>ADAD2</i>	-0.087437476	0.00459433	0.354222804	1
Obesity	endometrium	<i>OR52N1</i>	-0.016769739	0.016877075	0.562736476	1
Obesity	endothelial	<i>ABCB8</i>	-0.008516599	0.006604252	0.361564755	1
Obesity	endothelial	<i>ABRACL</i>	-0.01314652	0.00209387	0.232183215	1
Obesity	endothelial	<i>AC019117.2</i>	0.064320318	0.0018676	0.229130888	1
Obesity	endothelial	<i>AC026740.1</i>	0.118555405	0.003112223	0.283262661	1
Obesity	endothelial	<i>AC112229.4</i>	-0.064471839	0.005748925	0.349927967	1
Obesity	endothelial	<i>ADCK1</i>	0.01183416	7.41E-07	0.003428031	0.003428031
Obesity	endothelial	<i>ADH4</i>	-0.009059457	0.0103846	0.461914983	1

Obesity	endothelial	<i>AL590822.1</i>	-0.020812722	0.032033504	0.744658245	1
Obesity	endothelial	<i>ALS2CR12</i>	0.007055589	0.047027504	0.80873321	1
Obesity	endothelial	<i>AMT</i>	-0.014255849	0.031757274	0.741965398	1
Obesity	endothelial	<i>ANKRD13A</i>	-0.004099791	0.001209784	0.2073277	1
Obesity	endothelial	<i>ANO7</i>	0.011759205	0.036440285	0.779800748	1
Obesity	endothelial	<i>ANTXR2</i>	0.002930158	0.020321901	0.614438658	1
Obesity	endothelial	<i>AP2A1</i>	-0.004252687	0.043409444	0.786668169	1
Obesity	endothelial	<i>AP3B2</i>	-0.023422704	0.009657058	0.43797597	1
Obesity	endothelial	<i>AP3M2</i>	0.008008268	0.004914811	0.334351705	1
Obesity	endothelial	<i>ARGLU1</i>	-0.001779807	0.001222164	0.2073277	1
Obesity	endothelial	<i>ARHGEF19</i>	-0.015132167	0.017237176	0.593918642	1
Obesity	endothelial	<i>ARL6IP1</i>	-0.008328681	0.014455057	0.538378555	1
Obesity	endothelial	<i>ARMS2</i>	-0.08099317	0.048209232	0.817575943	1
Obesity	endothelial	<i>ARPC5</i>	0.002298621	0.024659801	0.683091252	1
Obesity	endothelial	<i>ASAH2B</i>	0.029769659	0.014547626	0.538378555	1
Obesity	endothelial	<i>ASAP3</i>	-0.00555818	0.036677206	0.779800748	1
Obesity	endothelial	<i>ASPG</i>	0.084831176	0.017352599	0.593918642	1
Obesity	endothelial	<i>ATP5H</i>	0.004485194	0.031545017	0.74074746	1
Obesity	endothelial	<i>ATP5S</i>	0.006670199	0.001828965	0.229130888	1
Obesity	endothelial	<i>ATP6V1E2</i>	-0.01449865	0.006063044	0.350346758	1
Obesity	endothelial	<i>BHMT</i>	-0.081898598	0.001795717	0.229130888	1
Obesity	endothelial	<i>BTN3A1</i>	0.003104628	0.028413582	0.703549682	1
Obesity	endothelial	<i>C10orf107</i>	-0.0087642	0.038492782	0.780998295	1
Obesity	endothelial	<i>C12orf57</i>	-0.009590282	0.04003179	0.786668169	1
Obesity	endothelial	<i>CIQL3</i>	-0.030427724	0.026484742	0.695199058	1
Obesity	endothelial	<i>CAPN9</i>	-0.031170045	5.83E-05	0.029958583	0.269627243
Obesity	endothelial	<i>CAPS</i>	0.010075777	0.005996315	0.350346758	1
Obesity	endothelial	<i>CAPS2</i>	-0.004667712	0.037024693	0.779800748	1
Obesity	endothelial	<i>CASC1</i>	-0.030116329	0.000297477	0.114677423	1
Obesity	endothelial	<i>CASP9</i>	-0.009461337	0.007891034	0.392929655	1
Obesity	endothelial	<i>CBX8</i>	-0.024243396	0.001142265	0.2073277	1
Obesity	endothelial	<i>CCDC127</i>	-0.025841387	8.16E-05	0.037730078	0.377300776
Obesity	endothelial	<i>CCDC65</i>	0.003409426	0.034321487	0.774134607	1
Obesity	endothelial	<i>CCDC74A</i>	-0.176813898	0.014216305	0.534671763	1
Obesity	endothelial	<i>CEBPZ</i>	0.002480516	0.025048458	0.689727192	1
Obesity	endothelial	<i>CEP57</i>	-0.000777825	0.046296847	0.802131889	1
Obesity	endothelial	<i>CGGBP1</i>	0.002965755	0.005685328	0.349927967	1
Obesity	endothelial	<i>CHML</i>	-0.009359269	0.028281853	0.703549682	1
Obesity	endothelial	<i>CHRD</i>	-0.01138362	0.029312163	0.709937515	1
Obesity	endothelial	<i>CIAPIN1</i>	-0.010371196	7.55E-06	0.011635199	0.034905596
Obesity	endothelial	<i>CLCA4</i>	0.067192236	0.013539056	0.526316598	1
Obesity	endothelial	<i>CLDN9</i>	-0.006464715	0.008377002	0.403666801	1
Obesity	endothelial	<i>COX15</i>	-0.004575439	0.026386832	0.695199058	1
Obesity	endothelial	<i>CREB3L4</i>	-0.012182624	0.024285981	0.677933671	1
Obesity	endothelial	<i>CTNNAL1</i>	-0.004518969	0.047297145	0.81035775	1
Obesity	endothelial	<i>CYP2D6</i>	-0.108134769	2.01E-05	0.023286352	0.093145406
Obesity	endothelial	<i>CYP4A11</i>	-0.057082531	0.000941429	0.2073277	1
Obesity	endothelial	<i>DAWI</i>	-0.04626746	0.005327024	0.347081854	1
Obesity	endothelial	<i>DCLK3</i>	0.097075314	0.042399567	0.786668169	1
Obesity	endothelial	<i>DDX31</i>	-0.005137701	0.006643537	0.361564755	1
Obesity	endothelial	<i>DEFB119</i>	0.021031014	0.029483563	0.710369602	1
Obesity	endothelial	<i>DGCR2</i>	0.00352364	0.03522213	0.77674421	1

Obesity	endothelial	<i>DNAAF3</i>	-0.057742572	0.038439691	0.780998295		1
Obesity	endothelial	<i>DNAJC16</i>	-0.004894557	0.007566199	0.392929655		1
Obesity	endothelial	<i>DPP9</i>	0.005913025	4.45E-06	0.010296878	0.020593755	
Obesity	endothelial	<i>DTD1</i>	0.00467028	0.012534236	0.51312721		1
Obesity	endothelial	<i>DTNBP1</i>	0.002912687	0.015070387	0.553298492		1
Obesity	endothelial	<i>DTX1</i>	-0.006796149	0.001389356	0.2073277		1
Obesity	endothelial	<i>DUSP8</i>	0.018142353	0.040551749	0.786668169		1
Obesity	endothelial	<i>EFHB</i>	-0.015490991	3.01E-05	0.023884111	0.139192806	
Obesity	endothelial	<i>EIF2B3</i>	0.002761918	0.009627284	0.43797597		1
Obesity	endothelial	<i>EIF2D</i>	-0.007852143	0.009351457	0.4325984		1
Obesity	endothelial	<i>ELAC2</i>	-0.008668239	0.003049225	0.283262661		1
Obesity	endothelial	<i>ELK4</i>	0.004344167	0.01915343	0.598674095		1
Obesity	endothelial	<i>EVL</i>	0.001924679	0.010157996	0.456222231		1
Obesity	endothelial	<i>F2RL1</i>	0.060292789	0.048660991	0.817575943		1
Obesity	endothelial	<i>FADS2</i>	0.003732166	0.037974807	0.780762041		1
Obesity	endothelial	<i>FAM173B</i>	-0.006585006	0.012740088	0.516979379		1
Obesity	endothelial	<i>FAM220A</i>	-0.008528266	0.029920236	0.717155505		1
Obesity	endothelial	<i>FAM86B1</i>	-0.107344644	5.80E-05	0.029958583	0.268104215	
Obesity	endothelial	<i>FBN2</i>	-0.024443201	0.004314948	0.333302778		1
Obesity	endothelial	<i>FBXO27</i>	-0.013971348	0.044436507	0.787598771		1
Obesity	endothelial	<i>FBXW10</i>	-0.056955196	0.01735612	0.593918642		1
Obesity	endothelial	<i>FRMD1</i>	-0.026841461	0.036113753	0.779800748		1
Obesity	endothelial	<i>GAD1</i>	-0.022542216	0.045456034	0.796513688		1
Obesity	endothelial	<i>GALNT8</i>	-0.026411975	0.035389076	0.77674421		1
Obesity	endothelial	<i>GATAD1</i>	0.002934481	0.001354111	0.2073277		1
Obesity	endothelial	<i>GDPD1</i>	0.005741014	0.001300409	0.2073277		1
Obesity	endothelial	<i>GGACT</i>	-0.051146401	0.033530454	0.762631975		1
Obesity	endothelial	<i>GLB1L</i>	-0.015858902	0.001931713	0.229130888		1
Obesity	endothelial	<i>GPSM1</i>	-0.021752645	0.027536757	0.703549682		1
Obesity	endothelial	<i>GRPEL1</i>	0.0169892	0.002631763	0.253636182		1
Obesity	endothelial	<i>GSTM3</i>	0.009797567	0.033404119	0.762631975		1
Obesity	endothelial	<i>HAR1A</i>	0.041244863	0.024177938	0.677933671		1
Obesity	endothelial	<i>HELLS</i>	-0.008229201	0.004602241	0.333302778		1
Obesity	endothelial	<i>HHLA3</i>	-0.015727931	0.021535136	0.638599603		1
Obesity	endothelial	<i>HOXD3</i>	-0.004000714	0.0497428	0.817575943		1
Obesity	endothelial	<i>HSPB7</i>	0.036891643	0.003785391	0.307214366		1
Obesity	endothelial	<i>IFIT5</i>	-0.015228308	0.01243354	0.51312721		1
Obesity	endothelial	<i>IFT74</i>	0.003345006	0.02277658	0.65039789		1
Obesity	endothelial	<i>IFT80</i>	0.003064983	0.049355464	0.817575943		1
Obesity	endothelial	<i>IL17RB</i>	-0.015089115	0.037751829	0.779800748		1
Obesity	endothelial	<i>IL1RL2</i>	0.01363145	0.00037329	0.121333691		1
Obesity	endothelial	<i>IMPDH1</i>	-0.010565137	0.03973173	0.786668169		1
Obesity	endothelial	<i>IMPDH2</i>	0.007681967	0.026599705	0.695199058		1
Obesity	endothelial	<i>IMPG1</i>	-0.061574184	0.042351401	0.786668169		1
Obesity	endothelial	<i>IRGM</i>	0.022459642	0.019821299	0.607240596		1
Obesity	endothelial	<i>IZUMO1</i>	-0.088906348	0.04247923	0.786668169		1
Obesity	endothelial	<i>JSRP1</i>	0.074992974	0.002070604	0.232183215		1
Obesity	endothelial	<i>KIAA1109</i>	-0.001791639	0.014063974	0.534671763		1
Obesity	endothelial	<i>KLK7</i>	0.013284898	0.019087164	0.598674095		1
Obesity	endothelial	<i>KLRG1</i>	0.002475641	0.02580704	0.695199058		1
Obesity	endothelial	<i>LBX2</i>	-0.032175096	0.006285945	0.350346758		1
Obesity	endothelial	<i>LDHC</i>	-0.047196442	0.017471319	0.593918642		1

Obesity	endothelial	<i>LIN52</i>	-0.006578347	0.000419658	0.121333691	1
Obesity	endothelial	<i>LINC00092</i>	-0.028290745	0.016270667	0.577194965	1
Obesity	endothelial	<i>LINC00211</i>	-0.012555456	0.044195197	0.787598771	1
Obesity	endothelial	<i>LINC00654</i>	0.085285277	0.037759483	0.779800748	1
Obesity	endothelial	<i>LINC00989</i>	0.002587832	0.003498633	0.299558457	1
Obesity	endothelial	<i>LINC01119</i>	-0.027048852	0.010774057	0.470196102	1
Obesity	endothelial	<i>LMF1</i>	-0.004001489	0.040696024	0.786668169	1
Obesity	endothelial	<i>LRGUK</i>	0.015763087	0.007983972	0.392929655	1
Obesity	endothelial	<i>LRPPRC</i>	0.003975645	0.004765036	0.333302778	1
Obesity	endothelial	<i>LURAP1</i>	0.009505003	0.02121671	0.63732791	1
Obesity	endothelial	<i>MACROD2</i>	-0.001259597	0.028455293	0.703549682	1
Obesity	endothelial	<i>MAP3K11</i>	0.009470437	4.40E-05	0.029051194	0.20335836
Obesity	endothelial	<i>MAPKAP1</i>	0.001795485	0.042896395	0.786668169	1
Obesity	endothelial	<i>MARCKS</i>	0.005222638	0.005290679	0.347081854	1
Obesity	endothelial	<i>MASTL</i>	-0.006440058	0.048785466	0.817575943	1
Obesity	endothelial	<i>MDM1</i>	-0.00620227	0.027433552	0.703549682	1
Obesity	endothelial	<i>MGAT5B</i>	-0.038685311	0.022673253	0.65039789	1
Obesity	endothelial	<i>MPHOSPH6</i>	-0.003752364	0.024327062	0.677933671	1
Obesity	endothelial	<i>MPHOSPH8</i>	0.00300546	0.004492527	0.333302778	1
Obesity	endothelial	<i>MPPE1</i>	0.006007158	0.015427301	0.561942481	1
Obesity	endothelial	<i>MRGPRF</i>	-0.007543706	0.041202321	0.786668169	1
Obesity	endothelial	<i>MRPL34</i>	-0.012547892	0.018184182	0.593918642	1
Obesity	endothelial	<i>MRPL42</i>	-0.005723439	0.00911309	0.425829819	1
Obesity	endothelial	<i>MRPL55</i>	-0.01895114	0.000266132	0.111920539	1
Obesity	endothelial	<i>MRT04</i>	-0.018126389	0.017749025	0.593918642	1
Obesity	endothelial	<i>MSANTD4</i>	0.014936379	0.012093139	0.507079124	1
Obesity	endothelial	<i>MSH3</i>	-0.00259571	0.009044313	0.425829819	1
Obesity	endothelial	<i>MTMR3</i>	0.001505622	0.040142088	0.786668169	1
Obesity	endothelial	<i>MXD3</i>	-0.026581829	0.005656211	0.349927967	1
Obesity	endothelial	<i>MYL5</i>	-0.019225305	0.022623721	0.65039789	1
Obesity	endothelial	<i>MYO15B</i>	-0.004047391	0.041779436	0.786668169	1
Obesity	endothelial	<i>MYO7B</i>	-0.028849505	0.012151164	0.507079124	1
Obesity	endothelial	<i>NAPSA</i>	-0.034880797	0.018375708	0.593918642	1
Obesity	endothelial	<i>NDUF4F4</i>	-0.010773045	0.000813464	0.188154187	1
Obesity	endothelial	<i>NDUFC1</i>	0.002913557	0.036020228	0.779800748	1
Obesity	endothelial	<i>NFYA</i>	0.00814796	0.033630982	0.762631975	1
Obesity	endothelial	<i>NKD2</i>	-0.152655304	0.013372445	0.524245193	1
Obesity	endothelial	<i>NOL10</i>	0.003866014	0.015760474	0.565177918	1
Obesity	endothelial	<i>NPHP3</i>	-0.005423878	0.027724477	0.703549682	1
Obesity	endothelial	<i>NSUN3</i>	0.00251739	0.0184377	0.593918642	1
Obesity	endothelial	<i>NXNL1</i>	-0.08025207	0.004665283	0.333302778	1
Obesity	endothelial	<i>OBSL1</i>	0.007983385	0.03447292	0.774134607	1
Obesity	endothelial	<i>OR4N2</i>	-0.091219307	0.015697859	0.565177918	1
Obesity	endothelial	<i>PBLD</i>	-0.012062016	0.002132986	0.232183215	1
Obesity	endothelial	<i>PBXIP1</i>	0.007382728	0.030325121	0.721601785	1
Obesity	endothelial	<i>PCDHA4</i>	-0.049319025	0.045875191	0.798272956	1
Obesity	endothelial	<i>PCDHA7</i>	-0.194766561	0.005592877	0.349927967	1
Obesity	endothelial	<i>PCGF2</i>	-0.008440087	0.042138018	0.786668169	1
Obesity	endothelial	<i>PCP2</i>	-0.070871082	0.027454202	0.703549682	1
Obesity	endothelial	<i>PCSK2</i>	-0.100800101	0.026018453	0.695199058	1
Obesity	endothelial	<i>PDPR</i>	0.007567709	0.025976899	0.695199058	1
Obesity	endothelial	<i>PDSS2</i>	0.003034115	0.020037671	0.609830701	1

Obesity	endothelial	<i>PI4KA</i>	0.004956097	0.002518755	0.247909845	1
Obesity	endothelial	<i>PIGO</i>	0.011840202	0.003316416	0.295033487	1
Obesity	endothelial	<i>PIK3CD</i>	0.003920993	0.00127298	0.2073277	1
Obesity	endothelial	<i>PIP5KL1</i>	-0.023224367	0.007665105	0.392929655	1
Obesity	endothelial	<i>PKD2L1</i>	-0.050943449	0.001207978	0.2073277	1
Obesity	endothelial	<i>PKDCC</i>	-0.008560652	0.002474168	0.247909845	1
Obesity	endothelial	<i>PKP3</i>	-0.025311346	0.001455775	0.210450447	1
Obesity	endothelial	<i>PLEK2</i>	0.012278037	0.018758033	0.594347006	1
Obesity	endothelial	<i>PLEKHH1</i>	0.011450429	0.003892938	0.310495368	1
Obesity	endothelial	<i>PLEKHO2</i>	0.008447761	0.01810272	0.593918642	1
Obesity	endothelial	<i>POLM</i>	0.005822018	0.006265787	0.350346758	1
Obesity	endothelial	<i>PPP2R5E</i>	0.002573535	0.029250343	0.709937515	1
Obesity	endothelial	<i>PRG4</i>	-0.007020037	0.00893321	0.425829819	1
Obesity	endothelial	<i>PROM2</i>	0.107927283	0.019545345	0.606823924	1
Obesity	endothelial	<i>PRSS21</i>	-0.005652631	0.010718003	0.470196102	1
Obesity	endothelial	<i>PTN</i>	-0.00554798	0.049926029	0.817575943	1
Obesity	endothelial	<i>PVRIG</i>	-0.020945184	0.00312287	0.283262661	1
Obesity	endothelial	<i>QRSL1</i>	-0.003605576	0.042798777	0.786668169	1
Obesity	endothelial	<i>RBP7</i>	-0.005035987	0.044965293	0.793929188	1
Obesity	endothelial	<i>RGS22</i>	-0.003604353	0.028517245	0.703549682	1
Obesity	endothelial	<i>RTP4</i>	-0.031401411	0.028532305	0.703549682	1
Obesity	endothelial	<i>RUFY2</i>	-0.002585534	0.006140737	0.350346758	1
Obesity	endothelial	<i>RWDD1</i>	-0.00927386	0.035124556	0.77674421	1
Obesity	endothelial	<i>SI00A3</i>	-0.091228158	0.000996601	0.2073277	1
Obesity	endothelial	<i>SAMD1</i>	-0.014782895	0.007275098	0.386834496	1
Obesity	endothelial	<i>SAMD14</i>	0.010541361	0.027021424	0.702253405	1
Obesity	endothelial	<i>SARDH</i>	-0.03064419	0.042405033	0.786668169	1
Obesity	endothelial	<i>SC5D</i>	0.00831816	0.043545734	0.786668169	1
Obesity	endothelial	<i>SDCCAG8</i>	0.001294193	0.043598829	0.786668169	1
Obesity	endothelial	<i>SDHA</i>	0.004826	0.000417788	0.121333691	1
Obesity	endothelial	<i>SDSL</i>	-0.013578826	0.022501345	0.65039789	1
Obesity	endothelial	<i>Sep-01</i>	0.00725505	0.022455006	0.65039789	1
Obesity	endothelial	<i>SERPIND1</i>	-0.015654184	0.035098873	0.77674421	1
Obesity	endothelial	<i>SFXN3</i>	0.006217629	0.004998406	0.33511051	1
Obesity	endothelial	<i>SGTA</i>	0.013836104	0.026525331	0.695199058	1
Obesity	endothelial	<i>SIGLEC7</i>	-0.019249696	0.007418906	0.389998374	1
Obesity	endothelial	<i>SLC10A5</i>	-0.026168239	0.029077082	0.709937515	1
Obesity	endothelial	<i>SLC25A32</i>	-0.003016749	0.036851019	0.779800748	1
Obesity	endothelial	<i>SLC26A5</i>	0.003698634	0.013303887	0.524245193	1
Obesity	endothelial	<i>SLC35E2B</i>	-0.003854263	0.037546714	0.779800748	1
Obesity	endothelial	<i>SLC35G1</i>	-0.010362523	0.040577447	0.786668169	1
Obesity	endothelial	<i>SLC37A4</i>	-0.01708932	0.041005919	0.786668169	1
Obesity	endothelial	<i>SLC44A3</i>	-0.016622083	0.037324279	0.779800748	1
Obesity	endothelial	<i>SMARCE1</i>	-0.005661848	0.017709227	0.593918642	1
Obesity	endothelial	<i>SMIM6</i>	-0.126709884	0.003591176	0.299558457	1
Obesity	endothelial	<i>SPDYE6</i>	-0.058907285	0.03542867	0.77674421	1
Obesity	endothelial	<i>SPECC1L</i>	-0.019791836	0.040121191	0.786668169	1
Obesity	endothelial	<i>ST7L</i>	0.002949237	0.041634984	0.786668169	1
Obesity	endothelial	<i>STARD10</i>	0.012837197	0.042708484	0.786668169	1
Obesity	endothelial	<i>STX19</i>	-0.010152687	0.021532251	0.638599603	1
Obesity	endothelial	<i>STX8</i>	0.002393145	0.044368471	0.787598771	1
Obesity	endothelial	<i>SULT1C2</i>	-0.025867241	0.003414977	0.298069508	1

Obesity	endothelial	<i>SYTI5</i>	-0.038461352	0.017182708	0.593918642	1
Obesity	endothelial	<i>TAF1B</i>	-0.005469039	0.01854689	0.593918642	1
Obesity	endothelial	<i>TAOK1</i>	-0.001734081	0.041909438	0.786668169	1
Obesity	endothelial	<i>TCEA3</i>	-0.005604491	0.049066108	0.817575943	1
Obesity	endothelial	<i>TDRD9</i>	-0.059567886	0.013820829	0.532792968	1
Obesity	endothelial	<i>TECTA</i>	0.037854343	0.019724362	0.607240596	1
Obesity	endothelial	<i>TEPP</i>	-0.056810931	0.030417715	0.721601785	1
Obesity	endothelial	<i>TFR2</i>	-0.013711623	0.001918915	0.229130888	1
Obesity	endothelial	<i>TIGD7</i>	-0.007399198	0.039451759	0.786668169	1
Obesity	endothelial	<i>TLDC1</i>	-0.004919436	0.037472787	0.779800748	1
Obesity	endothelial	<i>TMEM116</i>	0.005864684	0.011079474	0.474570824	1
Obesity	endothelial	<i>TMEM216</i>	-0.01117249	0.043873841	0.786668169	1
Obesity	endothelial	<i>TMEM63C</i>	-0.072258421	0.028592162	0.703549682	1
Obesity	endothelial	<i>TMEM99</i>	-0.02921773	0.006234429	0.350346758	1
Obesity	endothelial	<i>TNFRSF10D</i>	-0.014316471	0.002508504	0.247909845	1
Obesity	endothelial	<i>TP53I13</i>	-0.005387359	0.016345123	0.577194965	1
Obesity	endothelial	<i>TRIM27</i>	-0.006825484	0.045170475	0.794519458	1
Obesity	endothelial	<i>TRIM4</i>	0.004137453	0.032935844	0.759789047	1
Obesity	endothelial	<i>TRIP6</i>	-0.013311604	0.003626302	0.299558457	1
Obesity	endothelial	<i>TTC38</i>	0.004085874	0.038878482	0.785379296	1
Obesity	endothelial	<i>TTLL9</i>	-0.014842685	0.042644944	0.786668169	1
Obesity	endothelial	<i>UBE2Q2L</i>	0.039384765	0.002367757	0.247909845	1
Obesity	endothelial	<i>UHRF1BP1</i>	0.003524551	0.00717191	0.385782033	1
Obesity	endothelial	<i>UROS</i>	-0.007192875	0.033012883	0.759789047	1
Obesity	endothelial	<i>USP22</i>	-0.003360847	0.012167268	0.507079124	1
Obesity	endothelial	<i>USP53</i>	-0.002679725	0.007824343	0.392929655	1
Obesity	endothelial	<i>UTS2</i>	0.0212036	0.00215821	0.232183215	1
Obesity	endothelial	<i>VAR52</i>	-0.029573262	0.037472259	0.779800748	1
Obesity	endothelial	<i>VAT1L</i>	-0.022411809	0.007984303	0.392929655	1
Obesity	endothelial	<i>VNIR1</i>	-0.081059562	0.013023176	0.522611387	1
Obesity	endothelial	<i>VNN1</i>	-0.011218454	0.010879473	0.470359291	1
Obesity	endothelial	<i>VPS29</i>	0.005576727	0.004339258	0.333302778	1
Obesity	endothelial	<i>VPS37D</i>	-0.054852579	0.035923153	0.779800748	1
Obesity	endothelial	<i>WDFY3</i>	0.00147282	0.014131842	0.534671763	1
Obesity	endothelial	<i>XPO7</i>	-0.003420683	0.018461414	0.593918642	1
Obesity	endothelial	<i>YTHDF3-AS1</i>	0.027255097	0.00569304	0.349927967	1
Obesity	endothelial	<i>YY1</i>	0.003346226	0.000381486	0.121333691	1
Obesity	endothelial	<i>ZFAND2A</i>	-0.00785557	0.022673924	0.65039789	1
Obesity	endothelial	<i>ZMYND12</i>	-0.039124296	0.031438258	0.74074746	1
Obesity	endothelial	<i>ZNF114</i>	-0.022034148	0.006126115	0.350346758	1
Obesity	endothelial	<i>ZNF202</i>	-0.013539605	0.043732684	0.786668169	1
Obesity	endothelial	<i>ZNF264</i>	-0.003738495	0.026107433	0.695199058	1
Obesity	endothelial	<i>ZNF311</i>	-0.049332179	0.000756083	0.184086431	1
Obesity	endothelial	<i>ZNF493</i>	-0.00525029	0.018616127	0.593918642	1
Obesity	endothelial	<i>ZNF605</i>	-0.019565039	0.004422896	0.333302778	1
Obesity	endothelial	<i>ZNF780A</i>	-0.017403622	0.041719377	0.786668169	1
Obesity	endothelial	<i>ZNF85</i>	-0.005705806	0.004769064	0.333302778	1
Obesity	endothelial	<i>ZNF880</i>	-0.005012838	0.049663991	0.817575943	1
Obesity	endothelial	<i>ZNF91</i>	-0.004580037	0.000447966	0.121899438	1
Obesity	endothelial	<i>DNAH10OS</i>	-0.072015164	0.000632936	0.162664448	1
Obesity	endothelial	<i>FAM106A</i>	-0.074197219	0.023860436	0.677167964	1
Obesity	endothelial	<i>HLA-DOB</i>	-0.018773057	0.045901558	0.798272956	1

Obesity	endothelial	<i>KLHDC7A</i>	0.006943338	0.046665023	0.805494014	1
Obesity	endothelial	<i>LINC00619</i>	-0.056256327	0.008243183	0.401399629	1
Obesity	endothelial	<i>OR2AE1</i>	-0.011110204	0.001747751	0.229130888	1
Obesity	endothelial	<i>TTC24</i>	-0.00890579	0.001178248	0.2073277	1
Obesity	endothelial	<i>VGLL2</i>	-0.010457144	0.013104825	0.522611387	1
Obesity	endothelial	<i>GPR12</i>	-0.067411749	0.026059744	0.695199058	1
Obesity	endothelial	<i>LGALS9B</i>	-0.004913553	0.038411216	0.780998295	1
Obesity	endothelial	<i>TBC1D3</i>	-0.013614583	0.004827342	0.333302778	1
Obesity	endothelial	<i>SYT5</i>	-0.126580663	0.043411317	0.786668169	1
Obesity	endothelial	<i>BOD1L2</i>	-0.011932177	0.049129675	0.817575943	1
Obesity	endothelial	<i>FAM25A</i>	-0.014147392	0.001581821	0.221742541	1
Obesity	endothelial	<i>PRSS46</i>	-0.009689985	3.10E-05	0.023884111	0.143304667
Obesity	LEC	<i>ABCC8</i>	-0.035135801	0.001125657	0.186522111	1
Obesity	LEC	<i>ABRACL</i>	0.009622444	0.024932505	0.590804184	1
Obesity	LEC	<i>AC004466.1</i>	0.092932501	0.00328616	0.304035515	1
Obesity	LEC	<i>AC026740.1</i>	-0.086759508	0.030520577	0.646873109	1
Obesity	LEC	<i>AC093668.2</i>	0.019594793	0.019124485	0.572972313	1
Obesity	LEC	<i>ACHE</i>	0.014511441	0.039817344	0.702490513	1
Obesity	LEC	<i>ACSM4</i>	0.013192615	0.030977352	0.646873109	1
Obesity	LEC	<i>ACYP2</i>	0.002645323	0.004568963	0.34749769	1
Obesity	LEC	<i>ADAM10</i>	0.002651125	0.001169291	0.186522111	1
Obesity	LEC	<i>ADAT1</i>	0.011276749	0.016288686	0.54602509	1
Obesity	LEC	<i>ADCY4</i>	-0.007429726	0.012492688	0.492047239	1
Obesity	LEC	<i>AGA</i>	-0.006945398	0.042294808	0.704664037	1
Obesity	LEC	<i>AGT</i>	-0.037250028	0.006259262	0.394435543	1
Obesity	LEC	<i>AHRR</i>	-0.011438122	0.011613445	0.483998188	1
Obesity	LEC	<i>AIM2</i>	0.005223381	0.02546489	0.593317097	1
Obesity	LEC	<i>AL357673.1</i>	-0.01272047	0.046313032	0.713350802	1
Obesity	LEC	<i>AL590822.1</i>	-0.022292202	0.021529994	0.576935399	1
Obesity	LEC	<i>ANAPC11</i>	-0.007356601	0.000266887	0.150257776	1
Obesity	LEC	<i>ANKRD36B</i>	-0.004942333	0.003240621	0.304035515	1
Obesity	LEC	<i>ANKS6</i>	-0.006409859	0.030713574	0.646873109	1
Obesity	LEC	<i>ANO7</i>	0.011073856	0.04940086	0.724903046	1
Obesity	LEC	<i>ANXA3</i>	-0.003994355	0.035422231	0.674334316	1
Obesity	LEC	<i>AP2S1</i>	0.005678905	0.000769232	0.186522111	1
Obesity	LEC	<i>AP4MI</i>	-0.006558556	0.025031911	0.590804184	1
Obesity	LEC	<i>ARHGEF19</i>	-0.019735288	0.001934598	0.255698551	1
Obesity	LEC	<i>ASB8</i>	0.007760102	0.035827542	0.676482486	1
Obesity	LEC	<i>ASNS</i>	-0.032690253	0.040020786	0.702490513	1
Obesity	LEC	<i>ATE1</i>	0.004774425	0.004856429	0.34749769	1
Obesity	LEC	<i>ATP6V0E2</i>	-0.024447822	0.041973961	0.703520078	1
Obesity	LEC	<i>BDH2</i>	0.006242604	0.036983289	0.684338772	1
Obesity	LEC	<i>BET1</i>	0.004964164	0.021553057	0.576935399	1
Obesity	LEC	<i>BHMT</i>	-0.060178304	0.02211759	0.581340758	1
Obesity	LEC	<i>BIN3</i>	-0.009583268	0.018227758	0.572972313	1
Obesity	LEC	<i>BRC A2</i>	0.015182141	0.022658163	0.582970135	1
Obesity	LEC	<i>BST1</i>	-0.007721559	0.006780501	0.395204862	1
Obesity	LEC	<i>C17orf97</i>	-0.009857831	0.042567682	0.705799637	1
Obesity	LEC	<i>C19orf48</i>	-0.019983763	0.000494033	0.186522111	1
Obesity	LEC	<i>C1orf43</i>	0.003461051	0.047251918	0.714723337	1
Obesity	LEC	<i>C4BPA</i>	-0.0572917	0.008536403	0.429232598	1
Obesity	LEC	<i>CADM2</i>	-0.001950995	0.047439453	0.714723337	1

Obesity	LEC	<i>CAPN3</i>	0.01941266	0.0258779	0.59544696	1
Obesity	LEC	<i>CBX8</i>	-0.015863167	0.033133858	0.65234862	1
Obesity	LEC	<i>CCDC154</i>	0.013015115	0.005401109	0.367434283	1
Obesity	LEC	<i>CCDC39</i>	-0.002980771	0.016825195	0.554563955	1
Obesity	LEC	<i>CCDC57</i>	-0.004511939	0.007317475	0.402983792	1
Obesity	LEC	<i>CCDC89</i>	-0.09052524	0.00140655	0.209893531	1
Obesity	LEC	<i>CCL23</i>	-0.032595428	0.033808324	0.657131544	1
Obesity	LEC	<i>CDC27</i>	-0.004033128	0.000778567	0.186522111	1
Obesity	LEC	<i>CDC6</i>	-0.022343472	0.008678531	0.431686908	1
Obesity	LEC	<i>CENPA</i>	-0.02099342	0.001001047	0.186522111	1
Obesity	LEC	<i>CEP85</i>	0.014193338	0.011024855	0.471476394	1
Obesity	LEC	<i>CER1</i>	-0.017204554	0.027419568	0.608002996	1
Obesity	LEC	<i>CFI</i>	-0.003877494	0.040292377	0.702490513	1
Obesity	LEC	<i>CHI3L2</i>	0.025891264	0.002471442	0.269070172	1
Obesity	LEC	<i>CHML</i>	-0.008371409	0.049913663	0.727854906	1
Obesity	LEC	<i>CHPF2</i>	-0.014965162	0.02789714	0.608842695	1
Obesity	LEC	<i>CHRD</i>	-0.012115144	0.021653819	0.576935399	1
Obesity	LEC	<i>CLCA4</i>	0.072708008	0.007630792	0.406332618	1
Obesity	LEC	<i>CMBL</i>	-0.012988757	0.011274209	0.474131747	1
Obesity	LEC	<i>CNGA3</i>	0.122813621	0.007796013	0.406332618	1
Obesity	LEC	<i>COL6A6</i>	-0.006494685	0.016903052	0.554563955	1
Obesity	LEC	<i>CORO2A</i>	-0.012794597	0.034517405	0.664155719	1
Obesity	LEC	<i>COX15</i>	0.007846411	0.0001666	0.138160137	0.770689506
Obesity	LEC	<i>CRHR2</i>	-0.037247851	0.032447817	0.65234862	1
Obesity	LEC	<i>CXCL6</i>	-0.025013072	0.001051787	0.186522111	1
Obesity	LEC	<i>CYP4A11</i>	0.034610886	0.046724015	0.713350802	1
Obesity	LEC	<i>D2HGDH</i>	0.00865528	0.000938262	0.186522111	1
Obesity	LEC	<i>DBNDD2</i>	0.030456014	0.018764109	0.572972313	1
Obesity	LEC	<i>DEFB119</i>	0.019856721	0.038885679	0.702490513	1
Obesity	LEC	<i>DENND4B</i>	0.004882645	0.015003503	0.52262324	1
Obesity	LEC	<i>DHFR</i>	-0.006432974	0.030217425	0.646873109	1
Obesity	LEC	<i>DLGAP2</i>	-0.004016908	0.017818189	0.572972313	1
Obesity	LEC	<i>DNAJC25</i>	-0.009595445	0.023062081	0.583230028	1
Obesity	LEC	<i>DNAJC30</i>	-0.014585643	0.015252186	0.52262324	1
Obesity	LEC	<i>DPP9</i>	-0.003775999	0.003144344	0.303036136	1
Obesity	LEC	<i>DPYSL4</i>	-0.07532262	0.02031713	0.576935399	1
Obesity	LEC	<i>DRD4</i>	-0.037607975	0.003471341	0.314871008	1
Obesity	LEC	<i>DUSP8</i>	-0.022790426	0.010095316	0.460796649	1
Obesity	LEC	<i>ECHDC2</i>	-0.001736889	0.034600417	0.664155719	1
Obesity	LEC	<i>EFCAB6</i>	-0.006094433	0.031183031	0.646873109	1
Obesity	LEC	<i>EFEMP2</i>	-0.014136655	0.014889822	0.52262324	1
Obesity	LEC	<i>EMG1</i>	0.00642302	0.022851767	0.583230028	1
Obesity	LEC	<i>ERMARD</i>	0.007691669	2.48E-05	0.09507033	0.114866393
Obesity	LEC	<i>ESPNL</i>	-0.050251311	0.03799383	0.691966365	1
Obesity	LEC	<i>EXOSC10</i>	-0.008715946	0.007980498	0.410197593	1
Obesity	LEC	<i>EZHI</i>	-0.005146558	0.005508349	0.369298881	1
Obesity	LEC	<i>FAM196B</i>	0.002588489	0.018916787	0.572972313	1
Obesity	LEC	<i>FANCA</i>	-0.006997232	0.019609137	0.574125749	1
Obesity	LEC	<i>FBF1</i>	-0.006521415	0.006726774	0.395204862	1
Obesity	LEC	<i>FBXO36</i>	-0.011705466	0.000209062	0.138160137	0.967120957
Obesity	LEC	<i>FDFT1</i>	0.005015016	0.032458035	0.65234862	1
Obesity	LEC	<i>FGF14-AS2</i>	-0.047713332	0.044355404	0.713350802	1

Obesity	LEC	<i>FHL3</i>	-0.01332092	0.003710712	0.317884319	1
Obesity	LEC	<i>FITM1</i>	-0.077858048	0.004064285	0.329848796	1
Obesity	LEC	<i>FKBP7</i>	0.010858048	0.001304011	0.201078506	1
Obesity	LEC	<i>FMO3</i>	-0.025268654	0.046573324	0.713350802	1
Obesity	LEC	<i>FRK</i>	-0.006670384	0.019843801	0.576935399	1
Obesity	LEC	<i>FZD6</i>	-0.005583636	0.02098216	0.576935399	1
Obesity	LEC	<i>FZD9</i>	0.100605443	0.025418517	0.593317097	1
Obesity	LEC	<i>GFOD2</i>	-0.009995705	0.047623338	0.714723337	1
Obesity	LEC	<i>GIGYF1</i>	0.01091359	0.044125716	0.713350802	1
Obesity	LEC	<i>GINM1</i>	-0.004928439	0.014468892	0.52262324	1
Obesity	LEC	<i>GLP1R</i>	0.067635076	0.037870424	0.691966365	1
Obesity	LEC	<i>GMPPB</i>	-0.020135924	0.046666944	0.713350802	1
Obesity	LEC	<i>GNRHR</i>	-0.014812165	0.007002012	0.396951672	1
Obesity	LEC	<i>GSDMC</i>	0.075595679	0.010658288	0.460796649	1
Obesity	LEC	<i>HCG20</i>	0.04033716	0.006546354	0.395204862	1
Obesity	LEC	<i>HFM1</i>	-0.007858106	0.024996747	0.590804184	1
Obesity	LEC	<i>HIP1</i>	0.001576758	0.018930505	0.572972313	1
Obesity	LEC	<i>HK2</i>	0.005386557	0.002088288	0.258488481	1
Obesity	LEC	<i>HSF2BP</i>	0.030220692	0.03287695	0.65234862	1
Obesity	LEC	<i>HYAL1</i>	-0.020391543	0.006679625	0.395204862	1
Obesity	LEC	<i>ICAM5</i>	-0.027343204	0.017115954	0.557594388	1
Obesity	LEC	<i>IK</i>	-0.008898411	0.005279406	0.364515423	1
Obesity	LEC	<i>INTS1</i>	0.01283524	0.037150998	0.684703247	1
Obesity	LEC	<i>IQCG</i>	-0.00353971	0.027469223	0.608002996	1
Obesity	LEC	<i>IQCH-AS1</i>	-0.004703761	0.001755798	0.246130955	1
Obesity	LEC	<i>ITGAD</i>	0.017205473	0.008976213	0.43709432	1
Obesity	LEC	<i>ITGB6</i>	-0.045355551	0.00145474	0.210300808	1
Obesity	LEC	<i>JAKMIP3</i>	0.036965681	0.007404604	0.402984672	1
Obesity	LEC	<i>JSRP1</i>	-0.079609317	0.000918889	0.186522111	1
Obesity	LEC	<i>KCNK1</i>	0.012183028	0.022683663	0.582970135	1
Obesity	LEC	<i>KCNS3</i>	0.006098854	0.041103961	0.702490513	1
Obesity	LEC	<i>KHDC1</i>	0.008192526	0.006043899	0.390979732	1
Obesity	LEC	<i>KIAA1841</i>	-0.004947197	0.000542702	0.186522111	1
Obesity	LEC	<i>KIF17</i>	-0.021507591	0.022609694	0.582970135	1
Obesity	LEC	<i>KIFAP3</i>	-0.004592385	0.002104362	0.258488481	1
Obesity	LEC	<i>KLK7</i>	-0.014464623	0.010449908	0.460796649	1
Obesity	LEC	<i>KRR1</i>	0.00362388	0.002316457	0.261364095	1
Obesity	LEC	<i>KSR1</i>	-0.004984534	0.004468346	0.34749769	1
Obesity	LEC	<i>L3MBTL2</i>	0.011481478	0.015467786	0.52262324	1
Obesity	LEC	<i>LAMC2</i>	-0.012659509	0.048705868	0.724903046	1
Obesity	LEC	<i>LIN52</i>	0.003982879	0.032478994	0.65234862	1
Obesity	LEC	<i>LINC00115</i>	0.010820539	0.015307672	0.52262324	1
Obesity	LEC	<i>LINC00174</i>	0.003670022	0.026340238	0.597303626	1
Obesity	LEC	<i>LINC00211</i>	-0.012734865	0.041305106	0.702490513	1
Obesity	LEC	<i>LINC00314</i>	-0.044630029	0.041903907	0.703520078	1
Obesity	LEC	<i>LINC00707</i>	-0.073698228	0.024111737	0.590579225	1
Obesity	LEC	<i>LINC00865</i>	-0.005731347	0.040535693	0.702490513	1
Obesity	LEC	<i>LINC01060</i>	-0.006663372	0.020036264	0.576935399	1
Obesity	LEC	<i>LRPPRC</i>	-0.003236582	0.021753969	0.576935399	1
Obesity	LEC	<i>LRRC1</i>	-0.004110507	0.0396603	0.702490513	1
Obesity	LEC	<i>LRRC23</i>	0.00374992	0.04104273	0.702490513	1
Obesity	LEC	<i>LRRC36</i>	-0.020908935	0.015403236	0.52262324	1

Obesity	LEC	<i>LRRC39</i>	-0.01402113	0.006309604	0.394435543	1
Obesity	LEC	<i>LRRC45</i>	-0.03226387	0.023072005	0.583230028	1
Obesity	LEC	<i>LYRM2</i>	-0.008562911	0.000705404	0.186522111	1
Obesity	LEC	<i>MAFF</i>	-0.010717278	0.046304678	0.713350802	1
Obesity	LEC	<i>MAP3K10</i>	-0.012336836	0.025752665	0.59544696	1
Obesity	LEC	<i>MAPK12</i>	-0.022371248	0.00433487	0.345743213	1
Obesity	LEC	<i>MAPK8IP2</i>	-0.036669214	0.02632755	0.597303626	1
Obesity	LEC	<i>MBLAC1</i>	0.01668513	0.03145681	0.649639308	1
Obesity	LEC	<i>MESP2</i>	-0.035750509	0.033139197	0.65234862	1
Obesity	LEC	<i>MIA3</i>	0.003657658	0.018778184	0.572972313	1
Obesity	LEC	<i>MLIP</i>	-0.019346658	0.002308838	0.261364095	1
Obesity	LEC	<i>MMP16</i>	-0.003974984	0.021810901	0.576935399	1
Obesity	LEC	<i>MT1A</i>	-0.068627972	0.00491162	0.34749769	1
Obesity	LEC	<i>MTMR6</i>	0.005698853	0.014583985	0.52262324	1
Obesity	LEC	<i>MUC4</i>	-0.019157294	0.02787283	0.608842695	1
Obesity	LEC	<i>MYBBP1A</i>	-0.019291051	0.014471847	0.52262324	1
Obesity	LEC	<i>NBPF15</i>	0.006966406	0.006487926	0.395204862	1
Obesity	LEC	<i>NDUFA3</i>	0.006752691	0.006085288	0.390979732	1
Obesity	LEC	<i>NDUFC1</i>	-0.00362738	0.00893413	0.43709432	1
Obesity	LEC	<i>NGEF</i>	-0.036661787	0.045180442	0.713350802	1
Obesity	LEC	<i>NRM</i>	-0.036825184	0.002501085	0.269070172	1
Obesity	LEC	<i>NTPCR</i>	-0.00537314	0.000637684	0.186522111	1
Obesity	LEC	<i>NUDT22</i>	0.01067122	0.023924029	0.590579225	1
Obesity	LEC	<i>NUP85</i>	-0.005547203	0.009566768	0.451590501	1
Obesity	LEC	<i>OR4N2</i>	-0.098154431	0.009332077	0.44586149	1
Obesity	LEC	<i>OSTF1</i>	0.002249875	0.043546301	0.713350802	1
Obesity	LEC	<i>OXNAD1</i>	0.003436275	0.000199739	0.138160137	0.923991253
Obesity	LEC	<i>PARP10</i>	-0.008783758	0.024128723	0.590579225	1
Obesity	LEC	<i>PAXIP1-AS1</i>	-0.008123884	0.01110915	0.471476394	1
Obesity	LEC	<i>PCDHA3</i>	-0.118959954	0.043844689	0.713350802	1
Obesity	LEC	<i>PCSK9</i>	-0.081319312	0.013564837	0.514351953	1
Obesity	LEC	<i>PDE9A</i>	-0.006165864	0.036389225	0.681232392	1
Obesity	LEC	<i>PDLIM4</i>	-0.040059504	0.012987992	0.500687077	1
Obesity	LEC	<i>PEPD</i>	0.004768245	4.11E-05	0.09507033	0.19014066
Obesity	LEC	<i>PHF10</i>	0.008374548	0.014378291	0.52262324	1
Obesity	LEC	<i>PHOSPHO2</i>	-0.021973113	0.030963508	0.646873109	1
Obesity	LEC	<i>PIGO</i>	0.008856568	0.028062879	0.609478309	1
Obesity	LEC	<i>PIGQ</i>	0.014210299	0.023785174	0.590579225	1
Obesity	LEC	<i>PLA2G4B</i>	-0.072960311	0.001154857	0.186522111	1
Obesity	LEC	<i>PLCD3</i>	-0.009524775	0.018134402	0.572972313	1
Obesity	LEC	<i>PLSCR4</i>	-0.002158354	0.01255114	0.492047239	1
Obesity	LEC	<i>PMEL</i>	0.014551629	0.024998056	0.590804184	1
Obesity	LEC	<i>POGLUT1</i>	-0.007882695	0.004012663	0.329848796	1
Obesity	LEC	<i>POLR2E</i>	-0.01173356	0.036009924	0.677162224	1
Obesity	LEC	<i>POLR3H</i>	-0.006348284	0.044004258	0.713350802	1
Obesity	LEC	<i>PPIE</i>	0.006962734	0.018505338	0.572972313	1
Obesity	LEC	<i>PPP1R3C</i>	-0.01234432	0.000165495	0.138160137	0.765581763
Obesity	LEC	<i>PRDM15</i>	-0.012647857	0.000472521	0.186522111	1
Obesity	LEC	<i>PROM2</i>	-0.100023293	0.030804436	0.646873109	1
Obesity	LEC	<i>PSMD7</i>	-0.004250535	0.041723548	0.703520078	1
Obesity	LEC	<i>PSORS1C2</i>	-0.093879203	0.046252324	0.713350802	1
Obesity	LEC	<i>PTCHD3</i>	-0.07197601	0.012543611	0.492047239	1

Obesity	LEC	<i>PTPRJ</i>	0.0010974	0.041303741	0.702490513	1
Obesity	LEC	<i>RAB15</i>	0.010170174	0.044999165	0.713350802	1
Obesity	LEC	<i>RAB2A</i>	0.001519973	0.035357428	0.674334316	1
Obesity	LEC	<i>RABGEF1</i>	0.013854858	0.024799963	0.590804184	1
Obesity	LEC	<i>RALGAP1</i>	0.001757464	0.008447223	0.429232598	1
Obesity	LEC	<i>RAPGEF6</i>	-0.010782279	0.013511125	0.514351953	1
Obesity	LEC	<i>RASL10B</i>	-0.059326539	0.049307831	0.724903046	1
Obesity	LEC	<i>RBFOX1</i>	-0.001843271	0.021436692	0.576935399	1
Obesity	LEC	<i>RBL2</i>	0.001982711	0.016846145	0.554563955	1
Obesity	LEC	<i>RBP7</i>	-0.005052802	0.044430339	0.713350802	1
Obesity	LEC	<i>RCSD1</i>	0.00113665	0.048997914	0.724903046	1
Obesity	LEC	<i>RDH11</i>	0.005089305	0.020798528	0.576935399	1
Obesity	LEC	<i>RET</i>	0.013299539	0.0320096	0.65234862	1
Obesity	LEC	<i>RFT1</i>	-0.006885601	0.007817467	0.406332618	1
Obesity	LEC	<i>RGS16</i>	-0.0249229	0.004863454	0.34749769	1
Obesity	LEC	<i>RHPN2</i>	-0.009279875	0.043715312	0.713350802	1
Obesity	LEC	<i>RIBC2</i>	-0.022576247	0.040804478	0.702490513	1
Obesity	LEC	<i>RNF32</i>	0.010047315	0.04772625	0.714723337	1
Obesity	LEC	<i>RNF40</i>	-0.01426176	0.010066609	0.460796649	1
Obesity	LEC	<i>RP1L1</i>	-0.031830307	0.02320173	0.583321763	1
Obesity	LEC	<i>RPL7L1</i>	0.007334098	0.022319483	0.582970135	1
Obesity	LEC	<i>RPL9</i>	0.008774552	0.020112418	0.576935399	1
Obesity	LEC	<i>RSU1</i>	0.001739564	0.027103057	0.605694402	1
Obesity	LEC	<i>RTCB</i>	-0.003874626	0.038453666	0.697594734	1
Obesity	LEC	<i>RTEL1</i>	-0.065649977	0.034483617	0.664155719	1
Obesity	LEC	<i>RWDD1</i>	-0.010092212	0.021490124	0.576935399	1
Obesity	LEC	<i>SAP25</i>	0.112366128	0.012063612	0.492047239	1
Obesity	LEC	<i>SCAI</i>	-0.003426271	0.044053144	0.713350802	1
Obesity	LEC	<i>SCN2B</i>	0.045520141	0.003619087	0.317884319	1
Obesity	LEC	<i>SCOC</i>	-0.015300067	0.000815962	0.186522111	1
Obesity	LEC	<i>SDSL</i>	-0.015286732	0.010345338	0.460796649	1
Obesity	LEC	<i>SEMA3F</i>	-0.019004551	0.010566393	0.460796649	1
Obesity	LEC	<i>SEMA6C</i>	-0.016761108	0.039158661	0.702490513	1
Obesity	LEC	<i>SENP5</i>	0.001805729	0.049441626	0.724903046	1
Obesity	LEC	<i>SF3A3</i>	-0.007024677	0.033436311	0.652642935	1
Obesity	LEC	<i>SFTPD</i>	-0.008078483	0.040749055	0.702490513	1
Obesity	LEC	<i>SGSH</i>	-0.013696727	0.000121391	0.138160137	0.561556474
Obesity	LEC	<i>SGTA</i>	-0.015981342	0.00970544	0.453508722	1
Obesity	LEC	<i>SH2D3A</i>	0.007760024	0.045494712	0.713350802	1
Obesity	LEC	<i>SHANK2</i>	-0.006136821	0.01926528	0.572972313	1
Obesity	LEC	<i>SIRT6</i>	0.008946191	0.012418638	0.492047239	1
Obesity	LEC	<i>SLC12A2</i>	0.002661681	0.001901142	0.255698551	1
Obesity	LEC	<i>SLC22A1</i>	-0.030585982	0.041932877	0.703520078	1
Obesity	LEC	<i>SLC25A32</i>	-0.005248176	0.00029233	0.150257776	1
Obesity	LEC	<i>SLC26A8</i>	-0.031122962	0.021338107	0.576935399	1
Obesity	LEC	<i>SLC39A10</i>	0.004202791	0.014581915	0.52262324	1
Obesity	LEC	<i>SLC4A1AP</i>	-0.005543098	0.023746386	0.590579225	1
Obesity	LEC	<i>SLC5A9</i>	-0.011868236	0.03959016	0.702490513	1
Obesity	LEC	<i>SNIP1</i>	-0.0068213	0.010567675	0.460796649	1
Obesity	LEC	<i>SNX16</i>	-0.007140177	0.046078462	0.713350802	1
Obesity	LEC	<i>SOGA3</i>	-0.029679801	0.046949118	0.714429677	1
Obesity	LEC	<i>SOX17</i>	-0.01757507	0.044795883	0.713350802	1

Obesity	LEC	<i>SP140</i>	-0.003272346	0.002905764	0.298712532	1
Obesity	LEC	<i>SPARC</i>	-0.0016748	0.032964962	0.65234862	1
Obesity	LEC	<i>SPG21</i>	-0.004582077	0.015477601	0.52262324	1
Obesity	LEC	<i>SPINK6</i>	-0.071967578	0.03335649	0.652642935	1
Obesity	LEC	<i>SPTA1</i>	-0.094664309	0.043639276	0.713350802	1
Obesity	LEC	<i>STX2</i>	0.004432321	0.013855383	0.521097561	1
Obesity	LEC	<i>SUGP2</i>	0.003522468	0.003921374	0.329823184	1
Obesity	LEC	<i>SULF1</i>	-0.001478996	0.036668151	0.681232392	1
Obesity	LEC	<i>SULT1A1</i>	-0.015065052	0.004672012	0.34749769	1
Obesity	LEC	<i>SUMF2</i>	0.006835096	0.049517804	0.724903046	1
Obesity	LEC	<i>SURF1</i>	0.006987838	0.044611552	0.713350802	1
Obesity	LEC	<i>TADA2A</i>	-0.004303077	0.04670875	0.713350802	1
Obesity	LEC	<i>TARS2</i>	0.007804009	0.026742715	0.603472198	1
Obesity	LEC	<i>TCTE1</i>	0.108836479	0.012791173	0.497243396	1
Obesity	LEC	<i>TCTE3</i>	0.007457983	0.001050033	0.186522111	1
Obesity	LEC	<i>TECTA</i>	-0.048320307	0.003068928	0.302060835	1
Obesity	LEC	<i>THAP5</i>	-0.015192402	0.007649716	0.406332618	1
Obesity	LEC	<i>THUMPD2</i>	-0.004530553	0.021098334	0.576935399	1
Obesity	LEC	<i>TMA7</i>	-0.008330805	0.006021283	0.390979732	1
Obesity	LEC	<i>TMCO6</i>	-0.009839957	0.019221538	0.572972313	1
Obesity	LEC	<i>TMEM110</i>	0.023182529	0.003015691	0.302060835	1
Obesity	LEC	<i>TMEM161A</i>	0.00698762	0.029884236	0.646002215	1
Obesity	LEC	<i>TMEM216</i>	0.011080759	0.046046837	0.713350802	1
Obesity	LEC	<i>TMEM255B</i>	0.00473947	0.019565687	0.574125749	1
Obesity	LEC	<i>TMEM8B</i>	-0.007000296	0.019322024	0.572972313	1
Obesity	LEC	<i>TMX3</i>	-0.002614918	0.040507868	0.702490513	1
Obesity	LEC	<i>TNPO2</i>	-0.004240205	0.026000926	0.59544696	1
Obesity	LEC	<i>TOX3</i>	-0.102478215	0.001095158	0.186522111	1
Obesity	LEC	<i>TRIM7</i>	-0.028207862	0.006834498	0.395204862	1
Obesity	LEC	<i>TRMT10B</i>	0.004199547	0.007094166	0.396951672	1
Obesity	LEC	<i>TSLP</i>	0.017814116	0.014607573	0.52262324	1
Obesity	LEC	<i>TSPAN15</i>	0.005077522	0.011959677	0.492047239	1
Obesity	LEC	<i>TSPAN9</i>	-0.002802452	0.027902	0.608842695	1
Obesity	LEC	<i>TTC21B</i>	-0.005140145	0.03299341	0.65234862	1
Obesity	LEC	<i>TTC28</i>	-0.001192798	0.004957814	0.34749769	1
Obesity	LEC	<i>TUBB2B</i>	-0.07520926	0.046026661	0.713350802	1
Obesity	LEC	<i>UBOX5</i>	-0.006875237	0.025523152	0.593317097	1
Obesity	LEC	<i>UHRF1BP1</i>	-0.003072651	0.019100565	0.572972313	1
Obesity	LEC	<i>USP38</i>	-0.0077	0.037816578	0.691966365	1
Obesity	LEC	<i>VNN1</i>	0.009384317	0.032687549	0.65234862	1
Obesity	LEC	<i>VPS37D</i>	-0.079827723	0.002215051	0.261364095	1
Obesity	LEC	<i>WARS</i>	-0.00326381	0.040139653	0.702490513	1
Obesity	LEC	<i>WDR27</i>	-0.003257642	0.049305252	0.724903046	1
Obesity	LEC	<i>WFIKKNI</i>	-0.063347823	0.032092208	0.65234862	1
Obesity	LEC	<i>WWTR1</i>	-0.002351124	0.041130121	0.702490513	1
Obesity	LEC	<i>ZBTB20</i>	0.000555455	0.047740923	0.714723337	1
Obesity	LEC	<i>ZDHHC11B</i>	0.009970155	0.027048883	0.605694402	1
Obesity	LEC	<i>ZMYM1</i>	-0.004222162	0.001155662	0.186522111	1
Obesity	LEC	<i>ZNF197</i>	-0.004975257	0.042346866	0.704664037	1
Obesity	LEC	<i>ZNF215</i>	0.019917749	0.002852537	0.298712532	1
Obesity	LEC	<i>ZNF280D</i>	0.001454067	0.025017425	0.590804184	1
Obesity	LEC	<i>ZNF417</i>	0.030182003	0.036615058	0.681232392	1

Obesity	LEC	<i>ZNF454</i>	-0.015006277	0.000692814	0.186522111	1
Obesity	LEC	<i>ZNF502</i>	-0.020555852	0.003700052	0.317884319	1
Obesity	LEC	<i>ZNF549</i>	-0.005889106	0.035706259	0.676482486	1
Obesity	LEC	<i>ZNF641</i>	0.00500026	0.00934902	0.44586149	1
Obesity	LEC	<i>ZNF708</i>	0.003273816	0.031158728	0.646873109	1
Obesity	LEC	<i>ZNF709</i>	-0.089681828	0.012334759	0.492047239	1
Obesity	LEC	<i>ZNF713</i>	-0.092883597	0.000350137	0.161973349	1
Obesity	LEC	<i>ZNF732</i>	-0.052909705	0.021607907	0.576935399	1
Obesity	LEC	<i>ZNF750</i>	0.025863271	0.018680289	0.572972313	1
Obesity	LEC	<i>ZNF827</i>	0.004933466	0.030692465	0.646873109	1
Obesity	LEC	<i>ZNF85</i>	-0.004646919	0.021825269	0.576935399	1
Obesity	LEC	<i>ACSM2A</i>	-0.060572701	0.002123338	0.258488481	1
Obesity	LEC	<i>TTC24</i>	0.006177767	0.025022015	0.590804184	1
Obesity	LEC	<i>FOXI2</i>	-0.107287279	0.004742625	0.34749769	1
Obesity	LEC	<i>OR52N1</i>	-0.017361078	0.015079682	0.52262324	1
Obesity	LEC	<i>LINC01123</i>	0.022713032	0.007122133	0.396951672	1
Obesity	LEC	<i>P2RX2</i>	-0.100912757	0.010514977	0.460796649	1
Obesity	macrophage	<i>A3GALT2</i>	-0.017722645	0.031281806	0.726723987	1
Obesity	macrophage	<i>ABCC3</i>	-0.003691184	0.004867399	0.394588992	1
Obesity	macrophage	<i>ABCC8</i>	0.023828137	0.028490113	0.715933455	1
Obesity	macrophage	<i>ABRACL</i>	-0.013927254	0.001139438	0.239592664	1
Obesity	macrophage	<i>AC004466.1</i>	0.072007144	0.024099184	0.715933455	1
Obesity	macrophage	<i>AC112229.4</i>	-0.057931841	0.013182337	0.628653227	1
Obesity	macrophage	<i>ACOX2</i>	-0.008799852	0.033366791	0.728822638	1
Obesity	macrophage	<i>ACP2</i>	-0.011184678	0.021110232	0.682908612	1
Obesity	macrophage	<i>ACVRL1</i>	-0.009527328	0.047762987	0.796559686	1
Obesity	macrophage	<i>ADCK1</i>	0.005826594	0.01476737	0.637625065	1
Obesity	macrophage	<i>AGRN</i>	-0.010554581	0.002073051	0.308004717	1
Obesity	macrophage	<i>AMPH</i>	0.007044858	0.024523823	0.715933455	1
Obesity	macrophage	<i>ANKK1</i>	-0.091029735	0.030161713	0.722943439	1
Obesity	macrophage	<i>ANKRD29</i>	-0.002688085	0.038193137	0.73402917	1
Obesity	macrophage	<i>AP2A1</i>	-0.005022796	0.017073393	0.664866382	1
Obesity	macrophage	<i>AP3B2</i>	0.018536014	0.041388325	0.762798374	1
Obesity	macrophage	<i>AP3M2</i>	0.005925672	0.037337815	0.729656995	1
Obesity	macrophage	<i>ARHGEF18</i>	0.042212224	0.015246525	0.63987214	1
Obesity	macrophage	<i>ARHGEF33</i>	-0.028433822	0.040026382	0.743622658	1
Obesity	macrophage	<i>ARL6IP5</i>	-0.002104688	0.04767961	0.796559686	1
Obesity	macrophage	<i>ARMS2</i>	-0.088553299	0.031789374	0.726723987	1
Obesity	macrophage	<i>ARSB</i>	-0.002138303	0.031749793	0.726723987	1
Obesity	macrophage	<i>ASAH2B</i>	0.035332309	0.003870163	0.371327207	1
Obesity	macrophage	<i>ASAP3</i>	-0.005847422	0.028385494	0.715933455	1
Obesity	macrophage	<i>ASNS</i>	-0.033712751	0.035074501	0.729656995	1
Obesity	macrophage	<i>ATN1</i>	-0.011227392	0.026582637	0.715933455	1
Obesity	macrophage	<i>BET1</i>	0.005130416	0.017949104	0.664866382	1
Obesity	macrophage	<i>BHMT</i>	-0.067434771	0.010450007	0.568726252	1
Obesity	macrophage	<i>BOC</i>	-0.001685465	0.026101027	0.715933455	1
Obesity	macrophage	<i>BROX</i>	0.006418313	0.025715637	0.715933455	1
Obesity	macrophage	<i>BTN3A1</i>	0.003952783	0.005471198	0.418366183	1
Obesity	macrophage	<i>C11orf80</i>	-0.003951671	0.031477251	0.726723987	1
Obesity	macrophage	<i>C1QTNF9</i>	-0.049780436	0.017657468	0.664866382	1
Obesity	macrophage	<i>C22orf34</i>	0.002350167	0.030322209	0.723044026	1
Obesity	macrophage	<i>C2CD4C</i>	-0.047761233	0.013589564	0.628653227	1

Obesity	macrophage	<i>C5orf17</i>	-0.006893279	0.002624322	0.337028536	1
Obesity	macrophage	<i>C8orf33</i>	0.007575736	0.022039737	0.698327563	1
Obesity	macrophage	<i>CAMLG</i>	-0.00943868	0.029095437	0.715933455	1
Obesity	macrophage	<i>CAPN5</i>	-0.015447859	0.026867187	0.715933455	1
Obesity	macrophage	<i>CAPS</i>	0.007866526	0.033400432	0.728822638	1
Obesity	macrophage	<i>CAPZA1</i>	0.002499179	0.028461305	0.715933455	1
Obesity	macrophage	<i>CASC1</i>	-0.022247369	0.008125925	0.481929859	1
Obesity	macrophage	<i>CBX8</i>	-0.017964905	0.016366062	0.658342635	1
Obesity	macrophage	<i>CBY1</i>	-0.007954515	0.033295668	0.728822638	1
Obesity	macrophage	<i>CCDC9</i>	0.016368858	0.006069798	0.42543768	1
Obesity	macrophage	<i>CDC16</i>	-0.005221047	0.000187614	0.114271307	0.867904475
Obesity	macrophage	<i>CDH23</i>	-0.001754723	0.037295978	0.729656995	1
Obesity	macrophage	<i>CGGBP1</i>	0.003020705	0.004906391	0.394588992	1
Obesity	macrophage	<i>CHRD</i>	-0.014632926	0.005516718	0.418366183	1
Obesity	macrophage	<i>CHURC1</i>	-0.004544151	0.010664069	0.573627687	1
Obesity	macrophage	<i>CIAPIN1</i>	-0.010632354	5.42E-06	0.008364101	0.025092303
Obesity	macrophage	<i>CKAP2</i>	0.007896379	0.002781061	0.337028536	1
Obesity	macrophage	<i>CLCN6</i>	-0.013321608	0.0002963	0.114271307	1
Obesity	macrophage	<i>CLDN9</i>	-0.006576071	0.007492607	0.462143983	1
Obesity	macrophage	<i>CLHC1</i>	0.006785687	0.014886188	0.637625065	1
Obesity	macrophage	<i>COLGALT2</i>	0.01006117	0.028634026	0.715933455	1
Obesity	macrophage	<i>CREB3L4</i>	-0.011863668	0.028904964	0.715933455	1
Obesity	macrophage	<i>CSE1L</i>	-0.007410595	0.017342254	0.664866382	1
Obesity	macrophage	<i>CTNNA1</i>	-0.005041508	0.027857121	0.715933455	1
Obesity	macrophage	<i>CXCR6</i>	0.011825336	0.048518862	0.798883409	1
Obesity	macrophage	<i>CYP2D6</i>	-0.079418349	0.001876493	0.294140951	1
Obesity	macrophage	<i>CYP4A11</i>	-0.071998613	3.29E-05	0.030405049	0.152025245
Obesity	macrophage	<i>DDC</i>	0.065302165	0.026271747	0.715933455	1
Obesity	macrophage	<i>DDX31</i>	-0.004234639	0.026179664	0.715933455	1
Obesity	macrophage	<i>DGCR2</i>	0.003371193	0.043453296	0.782916044	1
Obesity	macrophage	<i>DNAH5</i>	-0.033664642	0.027324457	0.715933455	1
Obesity	macrophage	<i>DNAJC30</i>	0.019610284	0.001252622	0.24144282	1
Obesity	macrophage	<i>DPP9</i>	0.003712175	0.00407264	0.371327207	1
Obesity	macrophage	<i>DPYSL4</i>	-0.093989828	0.003736341	0.371327207	1
Obesity	macrophage	<i>DRD4</i>	-0.025392973	0.049167202	0.798883409	1
Obesity	macrophage	<i>DTNBP1</i>	0.003051984	0.011535597	0.587020367	1
Obesity	macrophage	<i>DTX1</i>	-0.007076197	0.000941523	0.229236109	1
Obesity	macrophage	<i>DTYMK</i>	0.014056754	0.002466082	0.335532177	1
Obesity	macrophage	<i>ECT2L</i>	-0.009159478	0.00590159	0.42543768	1
Obesity	macrophage	<i>EFHB</i>	-0.013687134	0.000238191	0.114271307	1
Obesity	macrophage	<i>EIF2D</i>	-0.006431516	0.034217773	0.729656995	1
Obesity	macrophage	<i>EMILIN3</i>	-0.043369644	0.043967982	0.785312297	1
Obesity	macrophage	<i>EVL</i>	0.002054073	0.006235032	0.430496407	1
Obesity	macrophage	<i>FADS2</i>	0.003769	0.037697367	0.729656995	1
Obesity	macrophage	<i>FAM105A</i>	0.00321651	0.032656813	0.728822638	1
Obesity	macrophage	<i>FAM111A</i>	0.003571957	0.025327197	0.715933455	1
Obesity	macrophage	<i>FAM72B</i>	-0.017378871	0.013357509	0.628653227	1
Obesity	macrophage	<i>FAM86B1</i>	-0.099346311	0.000207857	0.114271307	0.961547146
Obesity	macrophage	<i>FBN2</i>	-0.018851613	0.029081811	0.715933455	1
Obesity	macrophage	<i>FBXO15</i>	0.027422659	0.036149367	0.729656995	1
Obesity	macrophage	<i>FHL3</i>	0.011095841	0.016319874	0.658342635	1
Obesity	macrophage	<i>FRMD1</i>	-0.034517338	0.006934743	0.456628296	1

Obesity	macrophage	<i>GABRP</i>	-0.031693356	0.023568267	0.715933455	1
Obesity	macrophage	<i>GABRR2</i>	-0.039009242	0.007233645	0.461278002	1
Obesity	macrophage	<i>GAS2L2</i>	0.170487072	0.012734272	0.624162479	1
Obesity	macrophage	<i>GAS8</i>	-0.009685173	0.045991959	0.796559686	1
Obesity	macrophage	<i>GATAD1</i>	0.003053188	0.000904611	0.229236109	1
Obesity	macrophage	<i>GDPD1</i>	0.009681337	7.64E-08	0.000353288	0.000353288
Obesity	macrophage	<i>GGPS1</i>	-0.004228521	0.0160049	0.655209455	1
Obesity	macrophage	<i>GINM1</i>	-0.00424934	0.035108071	0.729656995	1
Obesity	macrophage	<i>GNG10</i>	-0.044301073	0.044445565	0.787759317	1
Obesity	macrophage	<i>GNPDA2</i>	-0.005645309	0.041129786	0.761065556	1
Obesity	macrophage	<i>GNRHR</i>	-0.013552782	0.014351645	0.637625065	1
Obesity	macrophage	<i>GP6</i>	0.01712026	0.033816652	0.729656995	1
Obesity	macrophage	<i>GPR158</i>	-0.025601574	0.002803472	0.337028536	1
Obesity	macrophage	<i>GRIN2B</i>	-0.007266515	0.027646005	0.715933455	1
Obesity	macrophage	<i>GTSF1</i>	0.054192195	0.025977025	0.715933455	1
Obesity	macrophage	<i>GUF1</i>	0.00766693	0.009942118	0.552736699	1
Obesity	macrophage	<i>HKDC1</i>	-0.043717904	0.009820319	0.552736699	1
Obesity	macrophage	<i>HNRNPAIL2</i>	0.043929321	0.026408103	0.715933455	1
Obesity	macrophage	<i>HOXD4</i>	-0.092146469	0.020280867	0.67523879	1
Obesity	macrophage	<i>HTATIP2</i>	0.007630073	0.019228056	0.67523879	1
Obesity	macrophage	<i>IGHMBP2</i>	-0.009906283	0.004539506	0.388884321	1
Obesity	macrophage	<i>IL17RB</i>	-0.015178601	0.036863805	0.729656995	1
Obesity	macrophage	<i>IRGM</i>	0.023418051	0.015926487	0.655209455	1
Obesity	macrophage	<i>JAKMIP3</i>	-0.027899601	0.043962637	0.785312297	1
Obesity	macrophage	<i>KCNK1</i>	-0.013168926	0.014645687	0.637625065	1
Obesity	macrophage	<i>KCNK13</i>	0.006039422	0.020370737	0.67523879	1
Obesity	macrophage	<i>KCNN2</i>	-0.046180764	0.033377706	0.728822638	1
Obesity	macrophage	<i>KCNS3</i>	-0.006917058	0.021490485	0.690381816	1
Obesity	macrophage	<i>KIAA1109</i>	-0.001438485	0.048935552	0.798883409	1
Obesity	macrophage	<i>KLHL30</i>	-0.021618729	0.029852878	0.719267772	1
Obesity	macrophage	<i>KLK5</i>	-0.034359211	0.005733009	0.42543768	1
Obesity	macrophage	<i>KRBA2</i>	0.055045579	0.028855366	0.715933455	1
Obesity	macrophage	<i>LDHC</i>	-0.064883903	0.001116296	0.239592664	1
Obesity	macrophage	<i>LHCGR</i>	-0.076048498	0.000296424	0.114271307	1
Obesity	macrophage	<i>LINC00174</i>	-0.003238126	0.049576204	0.798883409	1
Obesity	macrophage	<i>LINC00592</i>	-0.083318295	0.046486369	0.796559686	1
Obesity	macrophage	<i>LINC00654</i>	0.08087058	0.049735932	0.798883409	1
Obesity	macrophage	<i>LINC00672</i>	-0.03084813	0.047070956	0.796559686	1
Obesity	macrophage	<i>LINC00694</i>	-0.067524068	0.039260926	0.738296932	1
Obesity	macrophage	<i>LINC00865</i>	0.007473386	0.008254845	0.483378663	1
Obesity	macrophage	<i>LINC00989</i>	0.002522014	0.004016284	0.371327207	1
Obesity	macrophage	<i>LINC01119</i>	-0.021148213	0.04618751	0.796559686	1
Obesity	macrophage	<i>LIPT1</i>	-0.005580933	0.044148112	0.785496795	1
Obesity	macrophage	<i>LRPPRC</i>	0.005260154	0.000164992	0.114271307	0.763254986
Obesity	macrophage	<i>LRRC46</i>	-0.100213342	0.010848905	0.576862458	1
Obesity	macrophage	<i>LSG1</i>	-0.005177343	0.00409375	0.371327207	1
Obesity	macrophage	<i>LURAP1</i>	0.008106704	0.049349486	0.798883409	1
Obesity	macrophage	<i>LYPD5</i>	-0.048641521	0.000366255	0.130330558	1
Obesity	macrophage	<i>MACROD2</i>	-0.001230356	0.033308302	0.728822638	1
Obesity	macrophage	<i>MAP3K11</i>	0.007513727	0.00120964	0.24144282	1
Obesity	macrophage	<i>MAP9</i>	0.00796495	0.041963665	0.764267375	1
Obesity	macrophage	<i>MBOAT4</i>	0.044326622	0.032533336	0.728822638	1

Obesity	macrophage	<i>MED25</i>	-0.009252234	0.004184366	0.37224767	1
Obesity	macrophage	<i>METTL3</i>	0.008106307	0.026327987	0.715933455	1
Obesity	macrophage	<i>MGAT5B</i>	-0.035471425	0.037202804	0.729656995	1
Obesity	macrophage	<i>MITD1</i>	0.004387042	0.034584784	0.729656995	1
Obesity	macrophage	<i>MRGPRF</i>	-0.012305469	0.000901262	0.229236109	1
Obesity	macrophage	<i>MRPL34</i>	-0.01241864	0.019966776	0.67523879	1
Obesity	macrophage	<i>MRPL42</i>	-0.005775703	0.008940286	0.510589679	1
Obesity	macrophage	<i>MRPS10</i>	-0.007087977	0.025710667	0.715933455	1
Obesity	macrophage	<i>MSH3</i>	-0.002188681	0.027945112	0.715933455	1
Obesity	macrophage	<i>MXD3</i>	-0.020552328	0.032484865	0.728822638	1
Obesity	macrophage	<i>MYH3</i>	-0.01182173	0.027459703	0.715933455	1
Obesity	macrophage	<i>MYL5</i>	-0.016583967	0.049583541	0.798883409	1
Obesity	macrophage	<i>MYO15B</i>	-0.0046075	0.020435242	0.67523879	1
Obesity	macrophage	<i>NBPF15</i>	-0.00748539	0.003611242	0.371235629	1
Obesity	macrophage	<i>NDST1</i>	-0.005628789	0.038849071	0.736540165	1
Obesity	macrophage	<i>NDUFAF4</i>	-0.00661632	0.039992243	0.743622658	1
Obesity	macrophage	<i>NEK3</i>	-0.003906254	0.018289675	0.664866382	1
Obesity	macrophage	<i>NEU4</i>	-0.072912478	0.03565346	0.729656995	1
Obesity	macrophage	<i>NFYA</i>	0.010230406	0.007866245	0.476268266	1
Obesity	macrophage	<i>NKAIN4</i>	-0.028034226	0.011060518	0.581431312	1
Obesity	macrophage	<i>NSUN3</i>	0.00367477	0.000615758	0.178031057	1
Obesity	macrophage	<i>NUDT8</i>	-0.018666751	0.033972315	0.729656995	1
Obesity	macrophage	<i>NYAP1</i>	-0.031102757	0.027450894	0.715933455	1
Obesity	macrophage	<i>OPN1SW</i>	-0.016610956	0.02835923	0.715933455	1
Obesity	macrophage	<i>OSM</i>	0.096526226	0.023569422	0.715933455	1
Obesity	macrophage	<i>OXNAD1</i>	0.00295637	0.001401166	0.259271747	1
Obesity	macrophage	<i>PACSLN3</i>	0.029823563	0.029675268	0.719267772	1
Obesity	macrophage	<i>PARK7</i>	0.004402524	0.016837331	0.664866382	1
Obesity	macrophage	<i>PAX6</i>	0.030434331	0.022939255	0.715933455	1
Obesity	macrophage	<i>PBLD</i>	-0.011798706	0.002858372	0.337028536	1
Obesity	macrophage	<i>PBXIP1</i>	0.011891551	0.000502621	0.166080481	1
Obesity	macrophage	<i>PCGF2</i>	-0.012135726	0.003590511	0.371235629	1
Obesity	macrophage	<i>PDIA4</i>	0.006464985	0.010036723	0.552736699	1
Obesity	macrophage	<i>PDXDC1</i>	0.003229403	0.018054179	0.664866382	1
Obesity	macrophage	<i>PIGO</i>	0.008456416	0.036653128	0.729656995	1
Obesity	macrophage	<i>PIK3CD</i>	0.003522971	0.003946098	0.371327207	1
Obesity	macrophage	<i>PIP5KL1</i>	-0.020599722	0.019033741	0.67523879	1
Obesity	macrophage	<i>PKD2L1</i>	-0.038715158	0.014284001	0.637625065	1
Obesity	macrophage	<i>PKDCC</i>	-0.006048046	0.031890395	0.726723987	1
Obesity	macrophage	<i>PKP3</i>	-0.0167734	0.035630079	0.729656995	1
Obesity	macrophage	<i>PLA2G10</i>	0.019899032	0.026302926	0.715933455	1
Obesity	macrophage	<i>PLEKHH1</i>	0.00812337	0.041635302	0.763898113	1
Obesity	macrophage	<i>PM20D1</i>	0.017332727	0.049140769	0.798883409	1
Obesity	macrophage	<i>PNKD</i>	0.009949471	1.43E-05	0.016565571	0.066262283
Obesity	macrophage	<i>PNMA2</i>	-0.040457906	0.007008346	0.456628296	1
Obesity	macrophage	<i>POC5</i>	0.00770002	0.048439588	0.798883409	1
Obesity	macrophage	<i>PPIL3</i>	-0.005038607	0.043495336	0.782916044	1
Obesity	macrophage	<i>PRG4</i>	-0.008029398	0.003059922	0.337028536	1
Obesity	macrophage	<i>PRSS21</i>	-0.005156596	0.021070255	0.682908612	1
Obesity	macrophage	<i>PTGIS</i>	-0.003526221	0.045379299	0.796559686	1
Obesity	macrophage	<i>PUS7L</i>	-0.003014414	0.041778258	0.763898113	1
Obesity	macrophage	<i>PWRNI</i>	0.007144258	0.044735389	0.789869887	1

Obesity	macrophage	<i>RAB5C</i>	0.008200758	0.036470055	0.729656995	1
Obesity	macrophage	<i>RABGEF1</i>	-0.012256062	0.046624582	0.796559686	1
Obesity	macrophage	<i>RAD51C</i>	0.007205231	0.027612083	0.715933455	1
Obesity	macrophage	<i>RAMP2-AS1</i>	0.00909036	0.023165691	0.715933455	1
Obesity	macrophage	<i>RCBTB1</i>	0.005574674	0.020585141	0.675367832	1
Obesity	macrophage	<i>RGCC</i>	-0.003420483	0.018137258	0.664866382	1
Obesity	macrophage	<i>RGS16</i>	-0.018436256	0.038240603	0.73402917	1
Obesity	macrophage	<i>RHBDL3</i>	0.017380753	0.019933197	0.67523879	1
Obesity	macrophage	<i>RIFI</i>	0.002106205	0.047869346	0.796559686	1
Obesity	macrophage	<i>RNF14</i>	0.005702877	0.022368268	0.703915712	1
Obesity	macrophage	<i>RNF165</i>	0.007899433	0.024258611	0.715933455	1
Obesity	macrophage	<i>RPS6KB2</i>	0.007503593	0.038666829	0.736101856	1
Obesity	macrophage	<i>RTP4</i>	-0.038619454	0.007279138	0.461278002	1
Obesity	macrophage	<i>RUFY2</i>	-0.002987699	0.00168903	0.289387164	1
Obesity	macrophage	<i>SAMD1</i>	-0.016434607	0.003058804	0.337028536	1
Obesity	macrophage	<i>SAMD12</i>	-0.002990782	0.004776116	0.394588992	1
Obesity	macrophage	<i>SAMD14</i>	0.013135132	0.00603427	0.42543768	1
Obesity	macrophage	<i>SAP18</i>	-0.005215658	0.03381933	0.729656995	1
Obesity	macrophage	<i>SCARA5</i>	0.006910405	0.007460803	0.462143983	1
Obesity	macrophage	<i>SDC3</i>	0.009335749	0.037172607	0.729656995	1
Obesity	macrophage	<i>SDHA</i>	0.002946922	0.031340441	0.726723987	1
Obesity	macrophage	<i>Sep-01</i>	0.007954249	0.01253908	0.624162479	1
Obesity	macrophage	<i>SEZ6L2</i>	-0.010345356	0.037073222	0.729656995	1
Obesity	macrophage	<i>SH2D3A</i>	0.011898994	0.002339753	0.327990878	1
Obesity	macrophage	<i>SH3GLB2</i>	-0.007138639	0.046707111	0.796559686	1
Obesity	macrophage	<i>SHANK2</i>	-0.007399207	0.00494729	0.394588992	1
Obesity	macrophage	<i>SLC22A1</i>	-0.035480849	0.018396649	0.664866382	1
Obesity	macrophage	<i>SLC26A5</i>	0.004737821	0.001547266	0.275294338	1
Obesity	macrophage	<i>SLC35E2B</i>	-0.003717973	0.046132532	0.796559686	1
Obesity	macrophage	<i>SLC35G1</i>	-0.012670377	0.01258382	0.624162479	1
Obesity	macrophage	<i>SLC37A4</i>	-0.017290402	0.038523419	0.736101856	1
Obesity	macrophage	<i>SLC6A1</i>	0.009963206	0.011393128	0.587020367	1
Obesity	macrophage	<i>SMIM6</i>	-0.136239133	0.001826002	0.294140951	1
Obesity	macrophage	<i>SMYD4</i>	0.006854814	0.01421358	0.637625065	1
Obesity	macrophage	<i>SNIP1</i>	0.005726505	0.032716811	0.728822638	1
Obesity	macrophage	<i>SPATA33</i>	0.0071551	0.015353612	0.63987214	1
Obesity	macrophage	<i>SPOCK2</i>	0.008088203	0.013573636	0.628653227	1
Obesity	macrophage	<i>ST14</i>	0.007232562	0.002946761	0.337028536	1
Obesity	macrophage	<i>STARD10</i>	0.012839131	0.042607068	0.772942341	1
Obesity	macrophage	<i>STX19</i>	-0.012588541	0.004538211	0.388884321	1
Obesity	macrophage	<i>STX8</i>	0.002771252	0.01982646	0.67523879	1
Obesity	macrophage	<i>STYXL1</i>	-0.008428131	0.03151255	0.726723987	1
Obesity	macrophage	<i>SUCLA2</i>	-0.003215946	0.018006388	0.664866382	1
Obesity	macrophage	<i>SUGP2</i>	-0.002716855	0.026207644	0.715933455	1
Obesity	macrophage	<i>SULT1B1</i>	-0.009877666	0.037552455	0.729656995	1
Obesity	macrophage	<i>SUPT4H1</i>	-0.008514568	0.013015557	0.627187144	1
Obesity	macrophage	<i>TCEA3</i>	-0.005695194	0.046193948	0.796559686	1
Obesity	macrophage	<i>TDRD9</i>	-0.057411037	0.018110313	0.664866382	1
Obesity	macrophage	<i>TEX14</i>	-0.013666579	0.028341599	0.715933455	1
Obesity	macrophage	<i>TFPT</i>	-0.008176474	0.031514662	0.726723987	1
Obesity	macrophage	<i>TMEM116</i>	0.004891688	0.035929089	0.729656995	1
Obesity	macrophage	<i>TMEM133</i>	-0.125663685	0.024212149	0.715933455	1

Obesity	macrophage	<i>TMEM161A</i>	-0.007240174	0.024231038	0.715933455	1
Obesity	macrophage	<i>TMEM176A</i>	-0.010782291	0.020287733	0.67523879	1
Obesity	macrophage	<i>TMEM216</i>	-0.011544418	0.037685608	0.729656995	1
Obesity	macrophage	<i>TMEM99</i>	-0.022184762	0.039216466	0.738296932	1
Obesity	macrophage	<i>TRIM45</i>	-0.01974916	0.035984217	0.729656995	1
Obesity	macrophage	<i>TRIM58</i>	-0.062646143	0.02337766	0.715933455	1
Obesity	macrophage	<i>TRIM7</i>	0.022760614	0.02925494	0.716049472	1
Obesity	macrophage	<i>TSKS</i>	-0.024529277	0.035920745	0.729656995	1
Obesity	macrophage	<i>TTC38</i>	0.003916317	0.049054048	0.798883409	1
Obesity	macrophage	<i>USP38</i>	0.011430011	0.002130599	0.308004717	1
Obesity	macrophage	<i>USP6</i>	-0.043031799	0.002796151	0.337028536	1
Obesity	macrophage	<i>UTS2</i>	0.01620818	0.019335986	0.67523879	1
Obesity	macrophage	<i>VAR52</i>	-0.029744073	0.037453817	0.729656995	1
Obesity	macrophage	<i>WDFY2</i>	0.00118838	0.036984908	0.729656995	1
Obesity	macrophage	<i>WDR88</i>	0.006024302	0.006519009	0.443484342	1
Obesity	macrophage	<i>WHAMM</i>	0.008915418	0.006750001	0.452543539	1
Obesity	macrophage	<i>YY1</i>	0.00453037	1.83E-06	0.004233639	0.008467277
Obesity	macrophage	<i>ZDHHC4</i>	-0.008553318	0.030504507	0.723660765	1
Obesity	macrophage	<i>ZNF100</i>	0.002725571	0.047713252	0.796559686	1
Obesity	macrophage	<i>ZNF200</i>	-0.023116995	0.037580574	0.729656995	1
Obesity	macrophage	<i>ZNF202</i>	-0.016296603	0.015349249	0.63987214	1
Obesity	macrophage	<i>ZNF229</i>	-0.082065359	0.005829207	0.42543768	1
Obesity	macrophage	<i>ZNF23</i>	-0.040789974	0.012817863	0.624162479	1
Obesity	macrophage	<i>ZNF232</i>	-0.021851736	0.026567568	0.715933455	1
Obesity	macrophage	<i>ZNF264</i>	-0.004968636	0.003194861	0.343707634	1
Obesity	macrophage	<i>ZNF343</i>	0.016835587	0.046349985	0.796559686	1
Obesity	macrophage	<i>ZNF404</i>	0.014720948	0.047554622	0.796559686	1
Obesity	macrophage	<i>ZNF420</i>	0.005134678	0.011547526	0.587020367	1
Obesity	macrophage	<i>ZNF500</i>	0.012557569	0.008778819	0.507635236	1
Obesity	macrophage	<i>ZNF605</i>	-0.015790069	0.02188435	0.698186215	1
Obesity	macrophage	<i>ZNF660</i>	0.014310086	0.047246907	0.796559686	1
Obesity	macrophage	<i>ZNF772</i>	0.025546998	0.019276909	0.67523879	1
Obesity	macrophage	<i>ZNF85</i>	-0.006671313	0.00110178	0.239592664	1
Obesity	macrophage	<i>ZNF891</i>	-0.006328816	0.014759961	0.637625065	1
Obesity	macrophage	<i>ZNF91</i>	-0.003133927	0.01672501	0.664866382	1
Obesity	macrophage	<i>ZSCAN18</i>	0.004193984	0.005118267	0.401306853	1
Obesity	macrophage	<i>DNAH10OS</i>	-0.072816101	0.00057179	0.176340138	1
Obesity	macrophage	<i>HLA-DOB</i>	-0.021942868	0.019953369	0.67523879	1
Obesity	macrophage	<i>PROKR1</i>	-0.106724721	0.007927509	0.476268266	1
Obesity	macrophage	<i>SGCA</i>	0.02075283	0.039567687	0.741053121	1
Obesity	macrophage	<i>KIR3DL1</i>	0.044368606	0.02983577	0.719267772	1
Obesity	macrophage	<i>LINC00619</i>	-0.06635146	0.001907529	0.294140951	1
Obesity	macrophage	<i>GPR12</i>	-0.074769263	0.013912955	0.637240903	1
Obesity	macrophage	<i>AC017074.2</i>	-0.062968966	0.017850798	0.664866382	1
Obesity	macrophage	<i>PRSS46</i>	-0.008509101	0.000251405	0.114271307	1
Obesity	mast_cell	<i>ABHD1</i>	-0.007706535	0.044303122	0.731950865	1
Obesity	mast_cell	<i>AC004466.1</i>	-0.074324624	0.018761323	0.55738468	1
Obesity	mast_cell	<i>AC019117.2</i>	-0.048088729	0.019226928	0.561353539	1
Obesity	mast_cell	<i>AC093668.2</i>	-0.024898006	0.002815201	0.265777938	1
Obesity	mast_cell	<i>AC108463.2</i>	0.020762852	0.025988829	0.614703916	1
Obesity	mast_cell	<i>AC131971.1</i>	-0.059071765	0.011988179	0.468098842	1
Obesity	mast_cell	<i>ACAD10</i>	0.005941787	0.036820968	0.681959784	1

Obesity	mast_cell	<i>ADCY7</i>	0.002679071	0.028842392	0.623480873	1
Obesity	mast_cell	<i>ADO</i>	0.02872429	0.003609029	0.27719151	1
Obesity	mast_cell	<i>AFAP1L2</i>	-0.00791373	0.03863184	0.686173577	1
Obesity	mast_cell	<i>AGRN</i>	0.006731881	0.049883676	0.75659634	1
Obesity	mast_cell	<i>AKAP5</i>	-0.016401017	0.000620929	0.106385789	1
Obesity	mast_cell	<i>AL590822.1</i>	0.022628455	0.019892906	0.562226871	1
Obesity	mast_cell	<i>ANAPC13</i>	-0.00793418	0.031460135	0.645235535	1
Obesity	mast_cell	<i>ANGEL2</i>	-0.002374781	0.043391919	0.724859303	1
Obesity	mast_cell	<i>ANKK1</i>	-0.089289222	0.033104969	0.661263231	1
Obesity	mast_cell	<i>APOBEC3C</i>	-0.012282839	0.012449884	0.468098842	1
Obesity	mast_cell	<i>APOBEC3G</i>	0.004655754	0.039890385	0.68855568	1
Obesity	mast_cell	<i>ARGLU1</i>	0.001428009	0.009586338	0.422346643	1
Obesity	mast_cell	<i>ARHGAP28</i>	-0.004297985	0.013297605	0.480686345	1
Obesity	mast_cell	<i>ARL1</i>	0.005769331	0.010946574	0.44813141	1
Obesity	mast_cell	<i>ASB8</i>	-0.008436537	0.023162034	0.588722914	1
Obesity	mast_cell	<i>ATF6B</i>	0.003928575	0.020841784	0.568248024	1
Obesity	mast_cell	<i>ATP5C1</i>	-0.00269776	0.023417564	0.589344326	1
Obesity	mast_cell	<i>ATP5S</i>	-0.005520263	0.009775458	0.426615725	1
Obesity	mast_cell	<i>ATP6V1G2</i>	0.036602826	0.015101149	0.525247499	1
Obesity	mast_cell	<i>BAK1</i>	-0.02402731	0.026010704	0.614703916	1
Obesity	mast_cell	<i>BTN3A1</i>	0.004131217	0.003642901	0.27719151	1
Obesity	mast_cell	<i>C10orf107</i>	0.016010347	0.000156905	0.051845845	0.725841829
Obesity	mast_cell	<i>C11orf68</i>	-0.026865901	0.021496629	0.568248024	1
Obesity	mast_cell	<i>C17orf107</i>	0.126427854	2.02E-06	0.006722309	0.009332141
Obesity	mast_cell	<i>C17orf97</i>	0.013054737	0.007451859	0.359086437	1
Obesity	mast_cell	<i>C19orf18</i>	0.012308198	0.03582899	0.679282411	1
Obesity	mast_cell	<i>C1QTNF9</i>	-0.044451171	0.033631837	0.663015507	1
Obesity	mast_cell	<i>C3orf70</i>	-0.01941436	0.003383968	0.274635704	1
Obesity	mast_cell	<i>C8orf33</i>	-0.009071134	0.006058376	0.341983486	1
Obesity	mast_cell	<i>C9orf152</i>	-0.032223109	0.00404082	0.291450425	1
Obesity	mast_cell	<i>CAMTA1</i>	-0.00079966	0.04493973	0.73510368	1
Obesity	mast_cell	<i>CCDC112</i>	-0.005734761	0.001240811	0.168823291	1
Obesity	mast_cell	<i>CCDC158</i>	-0.030786743	0.005743646	0.340642401	1
Obesity	mast_cell	<i>CCDC57</i>	0.003581364	0.033291432	0.661263231	1
Obesity	mast_cell	<i>CCDC78</i>	-0.08355879	0.018796371	0.55738468	1
Obesity	mast_cell	<i>CCDC89</i>	0.064046952	0.026488476	0.614703916	1
Obesity	mast_cell	<i>CCL23</i>	-0.034336269	0.024291621	0.594566339	1
Obesity	mast_cell	<i>CCT8</i>	-0.005676419	0.045426631	0.73510368	1
Obesity	mast_cell	<i>CD207</i>	-0.044416986	0.027248715	0.62054554	1
Obesity	mast_cell	<i>CDC25A</i>	-0.026218223	0.048332987	0.746946242	1
Obesity	mast_cell	<i>CDH15</i>	0.020163978	0.01593448	0.536848006	1
Obesity	mast_cell	<i>CDH23</i>	-0.002645053	0.001621352	0.202199713	1
Obesity	mast_cell	<i>CEACAM19</i>	-0.014893274	0.036893043	0.681959784	1
Obesity	mast_cell	<i>CENPA</i>	-0.021087614	0.000920487	0.141939136	1
Obesity	mast_cell	<i>CEP170</i>	0.002898907	0.009094678	0.404538268	1
Obesity	mast_cell	<i>CEP72</i>	-0.015058791	0.017235335	0.536848006	1
Obesity	mast_cell	<i>CER1</i>	0.016237769	0.036521348	0.681959784	1
Obesity	mast_cell	<i>CHRNE</i>	0.036585476	4.57E-05	0.025551721	0.211616775
Obesity	mast_cell	<i>CIAPIN1</i>	0.004693886	0.042915921	0.724558577	1
Obesity	mast_cell	<i>CLEC3B</i>	0.013976515	0.026178237	0.614703916	1
Obesity	mast_cell	<i>CLUL1</i>	-0.065149117	0.012098579	0.468098842	1
Obesity	mast_cell	<i>CNTLN</i>	-0.001981849	0.005381919	0.334634549	1

Obesity	mast_cell	<i>CRTAP</i>	-0.006520911	0.007413678	0.359086437	1
Obesity	mast_cell	<i>CTCI</i>	0.011530312	0.027576047	0.62054554	1
Obesity	mast_cell	<i>CTNND2</i>	-0.010841532	0.015525333	0.535971583	1
Obesity	mast_cell	<i>CXCR6</i>	0.014332572	0.016768723	0.536848006	1
Obesity	mast_cell	<i>CYBRD1</i>	-0.002098195	0.038174502	0.686173577	1
Obesity	mast_cell	<i>CYP2D6</i>	-0.066583883	0.008795647	0.395035571	1
Obesity	mast_cell	<i>CYP4A11</i>	-0.04742761	0.006386798	0.342550983	1
Obesity	mast_cell	<i>DCTN5</i>	-0.011861898	0.000377499	0.087315546	1
Obesity	mast_cell	<i>DHX34</i>	0.004052595	0.020452748	0.566553356	1
Obesity	mast_cell	<i>DNAJC12</i>	0.017004246	0.016664515	0.536848006	1
Obesity	mast_cell	<i>DNAJC18</i>	-0.006926032	0.049479754	0.755423575	1
Obesity	mast_cell	<i>DNAJC25</i>	-0.009218441	0.029431285	0.630320022	1
Obesity	mast_cell	<i>DPF1</i>	-0.049771106	0.02001172	0.562226871	1
Obesity	mast_cell	<i>DRD4</i>	0.024971663	0.049816039	0.75659634	1
Obesity	mast_cell	<i>DTNBP1</i>	-0.002632941	0.028272426	0.622671067	1
Obesity	mast_cell	<i>DTX1</i>	0.005269923	0.0134902	0.483764836	1
Obesity	mast_cell	<i>DUS3L</i>	-0.021593208	0.017745505	0.539877867	1
Obesity	mast_cell	<i>DUSP19</i>	-0.024845637	0.047581145	0.745990132	1
Obesity	mast_cell	<i>DUSP23</i>	0.017425767	0.00319054	0.274635704	1
Obesity	mast_cell	<i>DUSP8</i>	-0.037053935	2.80E-05	0.021610643	0.129663858
Obesity	mast_cell	<i>DZIP3</i>	-0.006375607	0.04800782	0.745990132	1
Obesity	mast_cell	<i>ECT2L</i>	-0.007741047	0.019912186	0.562226871	1
Obesity	mast_cell	<i>EFHB</i>	-0.009464643	0.010868778	0.44813141	1
Obesity	mast_cell	<i>EHD3</i>	0.035570952	0.010275879	0.42825422	1
Obesity	mast_cell	<i>ELOVL3</i>	0.059899643	0.017852085	0.539877867	1
Obesity	mast_cell	<i>EMG1</i>	-0.009217009	0.001114728	0.160695662	1
Obesity	mast_cell	<i>ENO3</i>	-0.022359168	0.015991997	0.536848006	1
Obesity	mast_cell	<i>EPB41L4A</i>	-0.00143273	0.048055568	0.745990132	1
Obesity	mast_cell	<i>ERAP2</i>	0.003352048	0.013300444	0.480686345	1
Obesity	mast_cell	<i>ESPNL</i>	0.055923444	0.020962242	0.568248024	1
Obesity	mast_cell	<i>EVI2B</i>	0.01080611	0.012182277	0.468098842	1
Obesity	mast_cell	<i>EXOSC10</i>	-0.007654543	0.021341228	0.568248024	1
Obesity	mast_cell	<i>EZHI</i>	0.004100455	0.026653505	0.614703916	1
Obesity	mast_cell	<i>FAM107A</i>	-0.013681094	0.006003357	0.341983486	1
Obesity	mast_cell	<i>FAM111A</i>	0.005236716	0.001012191	0.15104501	1
Obesity	mast_cell	<i>FAM160B1</i>	-0.002873669	0.027397977	0.62054554	1
Obesity	mast_cell	<i>FAM19A3</i>	0.12160508	0.028401123	0.622671067	1
Obesity	mast_cell	<i>FAM57A</i>	-0.012123478	0.015988385	0.536848006	1
Obesity	mast_cell	<i>FBXW10</i>	-0.085479452	0.000355085	0.086453732	1
Obesity	mast_cell	<i>FDPS</i>	-0.004467376	0.000899837	0.141939136	1
Obesity	mast_cell	<i>FIGN</i>	-0.002162118	0.003111776	0.274635704	1
Obesity	mast_cell	<i>FLCN</i>	-0.008283534	0.012769344	0.472567893	1
Obesity	mast_cell	<i>FLVCRI-ASI</i>	0.010290565	0.010015294	0.42825422	1
Obesity	mast_cell	<i>FOLR1</i>	0.010089632	0.047985343	0.745990132	1
Obesity	mast_cell	<i>FRK</i>	0.005953146	0.037739236	0.681959784	1
Obesity	mast_cell	<i>FSTL4</i>	-0.029875968	0.023958026	0.590668398	1
Obesity	mast_cell	<i>GABRB3</i>	-0.028083492	0.045592393	0.73510368	1
Obesity	mast_cell	<i>GCDH</i>	-0.008194102	0.00481839	0.313941885	1
Obesity	mast_cell	<i>GEMIN4</i>	-0.012379017	0.026151986	0.614703916	1
Obesity	mast_cell	<i>GGH</i>	0.021928103	0.017855883	0.539877867	1
Obesity	mast_cell	<i>GGNBP2</i>	-0.003001946	0.038428383	0.686173577	1
Obesity	mast_cell	<i>GPR158</i>	-0.021245257	0.012547397	0.468098842	1

Obesity	mast_cell	<i>GRHPR</i>	0.007022222	0.016989427	0.536848006	1
Obesity	mast_cell	<i>GRIK2</i>	-0.008576496	0.033681073	0.663015507	1
Obesity	mast_cell	<i>GRPEL1</i>	-0.011345508	0.044783176	0.73510368	1
Obesity	mast_cell	<i>HACE1</i>	-0.005926304	0.000468523	0.098517613	1
Obesity	mast_cell	<i>HCG27</i>	0.009899025	0.021275455	0.568248024	1
Obesity	mast_cell	<i>HK2</i>	-0.00603193	0.000541216	0.099869974	1
Obesity	mast_cell	<i>HLA-DQA2</i>	0.00540367	0.035700131	0.679282411	1
Obesity	mast_cell	<i>HLA-DQB2</i>	0.009552315	0.011219649	0.455281566	1
Obesity	mast_cell	<i>HNRNPA1L2</i>	0.050630252	0.01027436	0.42825422	1
Obesity	mast_cell	<i>HOXD4</i>	0.081370301	0.039604296	0.68855568	1
Obesity	mast_cell	<i>IFIT1B</i>	-0.079581677	0.000233348	0.06049377	1
Obesity	mast_cell	<i>IFT80</i>	-0.003292964	0.034550366	0.668744747	1
Obesity	mast_cell	<i>IL4R</i>	-0.002862342	0.02348498	0.589344326	1
Obesity	mast_cell	<i>IQCH</i>	-0.004057631	0.045058139	0.73510368	1
Obesity	mast_cell	<i>JAKMIP3</i>	-0.040013543	0.003655141	0.27719151	1
Obesity	mast_cell	<i>KCNE3</i>	-0.006686306	0.038915987	0.686173577	1
Obesity	mast_cell	<i>KCNK1</i>	-0.015824572	0.003187932	0.274635704	1
Obesity	mast_cell	<i>KHK</i>	-0.031321264	0.022812692	0.588722914	1
Obesity	mast_cell	<i>KIAA1468</i>	0.002010309	0.00992297	0.42825422	1
Obesity	mast_cell	<i>KRR1</i>	0.004096638	0.00056131	0.099869974	1
Obesity	mast_cell	<i>L3MBTL2</i>	0.010635323	0.023568677	0.589344326	1
Obesity	mast_cell	<i>LACTB</i>	-0.003402294	0.046096412	0.736246896	1
Obesity	mast_cell	<i>LAMB1</i>	-0.001646187	0.034291565	0.668052691	1
Obesity	mast_cell	<i>LARS</i>	-0.003210114	0.001740905	0.206498119	1
Obesity	mast_cell	<i>LINC00174</i>	0.003394363	0.03959088	0.68855568	1
Obesity	mast_cell	<i>LINC00314</i>	-0.053602057	0.014161419	0.496293352	1
Obesity	mast_cell	<i>LINC00487</i>	0.10800786	0.017344569	0.536848006	1
Obesity	mast_cell	<i>LINC00839</i>	0.058754078	0.021469156	0.568248024	1
Obesity	mast_cell	<i>LINC01139</i>	-0.027483839	0.008053886	0.372572778	1
Obesity	mast_cell	<i>LIPI</i>	0.009929752	0.027515437	0.62054554	1
Obesity	mast_cell	<i>LMBRD2</i>	-0.006746097	0.002280707	0.224479782	1
Obesity	mast_cell	<i>LSG1</i>	0.003819082	0.034370199	0.668052691	1
Obesity	mast_cell	<i>LUZP2</i>	-0.026377815	0.01687565	0.536848006	1
Obesity	mast_cell	<i>LYG1</i>	-0.0258304	0.027633459	0.62054554	1
Obesity	mast_cell	<i>MAP2K1</i>	0.002476542	0.042232424	0.718261738	1
Obesity	mast_cell	<i>MAP2K5</i>	-0.002618201	0.030356521	0.64417095	1
Obesity	mast_cell	<i>MAP9</i>	-0.007797161	0.045614803	0.73510368	1
Obesity	mast_cell	<i>MARVELD1</i>	-0.011332846	1.06E-05	0.012229225	0.048916901
Obesity	mast_cell	<i>MATN3</i>	0.056208392	0.017070979	0.536848006	1
Obesity	mast_cell	<i>MCM6</i>	-0.009638679	0.026708925	0.614703916	1
Obesity	mast_cell	<i>MICU2</i>	0.002604442	0.012475327	0.468098842	1
Obesity	mast_cell	<i>MRPL18</i>	0.0089065	0.023101362	0.588722914	1
Obesity	mast_cell	<i>MRPL20</i>	0.004832597	0.006141891	0.341983486	1
Obesity	mast_cell	<i>MST1R</i>	-0.024235643	0.012114373	0.468098842	1
Obesity	mast_cell	<i>MTMR3</i>	-0.001506893	0.040751264	0.700800546	1
Obesity	mast_cell	<i>MTMR6</i>	0.007422256	0.001432893	0.187415692	1
Obesity	mast_cell	<i>MTRF1L</i>	-0.008235632	0.029303687	0.630320022	1
Obesity	mast_cell	<i>NBEAL2</i>	-0.00615426	0.030543382	0.644374161	1
Obesity	mast_cell	<i>NCR3LG1</i>	0.010471013	0.006738465	0.342550983	1
Obesity	mast_cell	<i>NDNF</i>	-0.02431853	0.007826381	0.369437146	1
Obesity	mast_cell	<i>NDUFA3</i>	-0.005867919	0.016906201	0.536848006	1
Obesity	mast_cell	<i>NDUFB5</i>	-0.007378808	0.027922436	0.622671067	1

Obesity	mast_cell	<i>NIMIK</i>	-0.090871265	0.011473753	0.461544186	1
Obesity	mast_cell	<i>NOC3L</i>	0.002780394	0.046251352	0.736246896	1
Obesity	mast_cell	<i>NOL10</i>	-0.003364706	0.035383487	0.679186771	1
Obesity	mast_cell	<i>NPHP3</i>	-0.009474534	0.000119025	0.043177661	0.550609132
Obesity	mast_cell	<i>NRM</i>	0.030635762	0.012383718	0.468098842	1
Obesity	mast_cell	<i>NSA2</i>	0.007427959	0.020901372	0.568248024	1
Obesity	mast_cell	<i>NSUN3</i>	0.002952937	0.005615919	0.337392769	1
Obesity	mast_cell	<i>NT5C2</i>	-0.000800906	0.048763027	0.746946242	1
Obesity	mast_cell	<i>NT5DC2</i>	0.024279718	0.004425731	0.29441232	1
Obesity	mast_cell	<i>OPN1SW</i>	-0.020725485	0.006087534	0.341983486	1
Obesity	mast_cell	<i>OSM</i>	0.100432446	0.017205416	0.536848006	1
Obesity	mast_cell	<i>OSR1</i>	-0.018176798	0.019250314	0.561353539	1
Obesity	mast_cell	<i>PABPC1L</i>	0.008344254	0.03756587	0.681959784	1
Obesity	mast_cell	<i>PARP10</i>	-0.008859349	0.022973224	0.588722914	1
Obesity	mast_cell	<i>PAXIP1-AS1</i>	-0.008443537	0.00860447	0.390238001	1
Obesity	mast_cell	<i>PBLD</i>	0.013678911	0.000502449	0.099869974	1
Obesity	mast_cell	<i>PCDHB4</i>	0.031869347	9.43E-05	0.039669055	0.4363596
Obesity	mast_cell	<i>PERP</i>	-0.015101731	0.003267037	0.274635704	1
Obesity	mast_cell	<i>PF4</i>	0.006141657	0.007316555	0.359086437	1
Obesity	mast_cell	<i>PGP</i>	0.005564857	0.028392663	0.622671067	1
Obesity	mast_cell	<i>PHYH</i>	0.007097036	0.007580193	0.361504877	1
Obesity	mast_cell	<i>PLA1A</i>	-0.040013859	0.0021855	0.222561237	1
Obesity	mast_cell	<i>PLCH2</i>	-0.023762859	0.006209817	0.341983486	1
Obesity	mast_cell	<i>PMEL</i>	0.015604139	0.017256548	0.536848006	1
Obesity	mast_cell	<i>POC5</i>	0.008516556	0.028789277	0.623480873	1
Obesity	mast_cell	<i>POM121C</i>	-0.009160292	0.025245432	0.614659838	1
Obesity	mast_cell	<i>POMGNT1</i>	-0.010682904	0.037177873	0.681959784	1
Obesity	mast_cell	<i>PPEF2</i>	-0.097108348	0.042765042	0.724558577	1
Obesity	mast_cell	<i>PPIE</i>	0.01134884	0.000121338	0.043177661	0.561309592
Obesity	mast_cell	<i>PPMIK</i>	-0.004914715	0.00644687	0.342550983	1
Obesity	mast_cell	<i>PPP2R5E</i>	0.002422868	0.039159063	0.686173577	1
Obesity	mast_cell	<i>PPP3R1</i>	-0.009105446	0.031522532	0.645235535	1
Obesity	mast_cell	<i>PRCD</i>	0.013678909	0.025993235	0.614703916	1
Obesity	mast_cell	<i>PSMD13</i>	0.006281621	0.017407523	0.536848006	1
Obesity	mast_cell	<i>PSMD2</i>	-0.010620888	0.004160847	0.291450425	1
Obesity	mast_cell	<i>PSORS1C2</i>	0.101020309	0.032086181	0.653879621	1
Obesity	mast_cell	<i>PVRIG</i>	-0.015346442	0.032813973	0.661263231	1
Obesity	mast_cell	<i>RAB11FIP3</i>	-0.003752388	0.035002726	0.674677541	1
Obesity	mast_cell	<i>RAB2A</i>	-0.003375184	2.91E-06	0.006722309	0.013444617
Obesity	mast_cell	<i>RAB5C</i>	0.008833879	0.023808708	0.590668398	1
Obesity	mast_cell	<i>RAD9A</i>	0.00448633	0.001862333	0.215378843	1
Obesity	mast_cell	<i>RASAL2-AS1</i>	0.083198156	0.025751262	0.614703916	1
Obesity	mast_cell	<i>RBM6</i>	0.001259696	0.033190612	0.661263231	1
Obesity	mast_cell	<i>RCSD1</i>	0.001206749	0.036722778	0.681959784	1
Obesity	mast_cell	<i>REEP2</i>	-0.023203747	0.017314968	0.536848006	1
Obesity	mast_cell	<i>RGPI</i>	-0.007688985	0.033306168	0.661263231	1
Obesity	mast_cell	<i>RGS22</i>	0.003341504	0.043594689	0.725040638	1
Obesity	mast_cell	<i>RHOB</i>	0.009410742	0.04576521	0.73510368	1
Obesity	mast_cell	<i>RHOD</i>	0.021953439	0.014140752	0.496293352	1
Obesity	mast_cell	<i>RIMKLB</i>	-0.003307881	0.019771801	0.562226871	1
Obesity	mast_cell	<i>RNASEK</i>	0.006768135	0.034065712	0.6677457	1
Obesity	mast_cell	<i>RNF44</i>	-0.012553736	0.04340381	0.724859303	1

Obesity	mast_cell	<i>RPP25L</i>	0.017279585	0.02293099	0.588722914	1
Obesity	mast_cell	<i>RRAGD</i>	-0.029629068	0.006737745	0.342550983	1
Obesity	mast_cell	<i>RTP4</i>	0.041061886	0.00422118	0.291450425	1
Obesity	mast_cell	<i>RUFY2</i>	0.002525071	0.007217408	0.359007835	1
Obesity	mast_cell	<i>RWDD1</i>	0.009813579	0.025474019	0.614703916	1
Obesity	mast_cell	<i>SAE1</i>	-0.005650406	0.018613473	0.55738468	1
Obesity	mast_cell	<i>SAMD5</i>	-0.008799131	0.048667885	0.746946242	1
Obesity	mast_cell	<i>SAP18</i>	0.008485976	0.000546866	0.099869974	1
Obesity	mast_cell	<i>SARDH</i>	0.033196045	0.028724562	0.623480873	1
Obesity	mast_cell	<i>SCUBE2</i>	-0.014117932	0.04193971	0.715915493	1
Obesity	mast_cell	<i>SDSL</i>	0.022191991	0.000228565	0.06049377	1
Obesity	mast_cell	<i>SEC22A</i>	0.004172816	2.74E-05	0.021610643	0.126933152
Obesity	mast_cell	<i>SEC22C</i>	0.006514126	0.005425333	0.334634549	1
Obesity	mast_cell	<i>SFXN3</i>	-0.008720255	8.39E-05	0.03882893	0.388289299
Obesity	mast_cell	<i>SH3GLB2</i>	-0.008565781	0.016307829	0.536848006	1
Obesity	mast_cell	<i>SIL1</i>	-0.00237273	0.002092117	0.222561237	1
Obesity	mast_cell	<i>SIRPB1</i>	-0.133790144	0.003632277	0.27719151	1
Obesity	mast_cell	<i>SIRT6</i>	0.007226393	0.043728132	0.725040638	1
Obesity	mast_cell	<i>SLC1A7</i>	-0.02904878	0.030920607	0.644374161	1
Obesity	mast_cell	<i>SLC23A3</i>	-0.020086672	0.036369357	0.681959784	1
Obesity	mast_cell	<i>SLC25A26</i>	-0.003385495	0.031362416	0.645235535	1
Obesity	mast_cell	<i>SLC35G1</i>	0.020557701	4.97E-05	0.025551721	0.22996549
Obesity	mast_cell	<i>SLC39A4</i>	-0.028596866	0.037643272	0.681959784	1
Obesity	mast_cell	<i>SLC6A7</i>	-0.122695566	0.001458488	0.187415692	1
Obesity	mast_cell	<i>SMG9</i>	-0.006726864	0.006554913	0.342550983	1
Obesity	mast_cell	<i>SPARCL1</i>	-0.000691636	0.043212479	0.724859303	1
Obesity	mast_cell	<i>SPG21</i>	0.005424404	0.004106361	0.291450425	1
Obesity	mast_cell	<i>SPTA1</i>	-0.136072547	0.003745281	0.279446269	1
Obesity	mast_cell	<i>SS18L2</i>	0.013535592	0.005583749	0.337392769	1
Obesity	mast_cell	<i>ST6GALNAC2</i>	-0.019189609	0.010178241	0.42825422	1
Obesity	mast_cell	<i>STON1-GTF2A1L</i>	-0.016890036	0.007052082	0.354597074	1
Obesity	mast_cell	<i>STX2</i>	-0.005563114	0.002061865	0.222561237	1
Obesity	mast_cell	<i>STYX</i>	-0.007857326	0.002659258	0.256286006	1
Obesity	mast_cell	<i>SULT1A1</i>	0.01109662	0.037445552	0.681959784	1
Obesity	mast_cell	<i>SULT1C2</i>	0.025113379	0.004455007	0.29441232	1
Obesity	mast_cell	<i>SYTI5</i>	-0.065725176	4.27E-05	0.025551721	0.197361235
Obesity	mast_cell	<i>TACC3</i>	0.009102155	0.03576241	0.679282411	1
Obesity	mast_cell	<i>TECTA</i>	0.032169172	0.04856674	0.746946242	1
Obesity	mast_cell	<i>TFR2</i>	-0.00907634	0.039835373	0.68855568	1
Obesity	mast_cell	<i>THAP5</i>	0.015708228	0.005880689	0.341983486	1
Obesity	mast_cell	<i>TIMM10</i>	0.012266617	0.036283704	0.681959784	1
Obesity	mast_cell	<i>TIMM44</i>	-0.008278525	0.047934552	0.745990132	1
Obesity	mast_cell	<i>TMEM11</i>	-0.012543134	0.000235384	0.06049377	1
Obesity	mast_cell	<i>TMEM110</i>	-0.022476943	0.003962125	0.290933191	1
Obesity	mast_cell	<i>TMEM116</i>	0.005099747	0.026532964	0.614703916	1
Obesity	mast_cell	<i>TMEM144</i>	0.005521097	0.005297404	0.334634549	1
Obesity	mast_cell	<i>TMEM216</i>	-0.017253134	0.001951881	0.22022928	1
Obesity	mast_cell	<i>TMEM252</i>	-0.041843488	0.046953337	0.743856627	1
Obesity	mast_cell	<i>TMEM99</i>	-0.028128785	0.00854578	0.390238001	1
Obesity	mast_cell	<i>TOX2</i>	0.008233443	0.039025437	0.686173577	1
Obesity	mast_cell	<i>TRIAP1</i>	0.01223604	0.021021737	0.568248024	1
Obesity	mast_cell	<i>TRIM45</i>	-0.021631242	0.020447567	0.566553356	1

Obesity	mast_cell	<i>TRIM73</i>	-0.109544077	0.002917139	0.269893709	1
Obesity	mast_cell	<i>TRPM2</i>	0.0051398	0.003245639	0.274635704	1
Obesity	mast_cell	<i>TSPYL1</i>	0.019237623	0.000234407	0.06049377	1
Obesity	mast_cell	<i>TTC32</i>	-0.010174656	0.029996593	0.639466543	1
Obesity	mast_cell	<i>TUSC1</i>	0.01007913	0.020053488	0.562226871	1
Obesity	mast_cell	<i>TXNL4A</i>	0.003882194	0.004346136	0.29441232	1
Obesity	mast_cell	<i>UBAC1</i>	0.003848849	0.038877745	0.686173577	1
Obesity	mast_cell	<i>UBQLN1</i>	-0.003711046	0.002213104	0.222561237	1
Obesity	mast_cell	<i>ULK4</i>	0.002051126	0.005378041	0.334634549	1
Obesity	mast_cell	<i>UQCCL1</i>	-0.003971927	0.013697484	0.48741969	1
Obesity	mast_cell	<i>USP6</i>	0.04894719	0.000679364	0.112240699	1
Obesity	mast_cell	<i>VPS28</i>	0.007121898	0.006402401	0.342550983	1
Obesity	mast_cell	<i>VSTM1</i>	-0.043125224	0.04546186	0.73510368	1
Obesity	mast_cell	<i>XCL1</i>	0.035994012	0.024004682	0.590668398	1
Obesity	mast_cell	<i>XCL2</i>	-0.029798753	0.030737639	0.644374161	1
Obesity	mast_cell	<i>YPEL4</i>	-0.041898365	0.007908709	0.369552396	1
Obesity	mast_cell	<i>ZBTB22</i>	0.028300441	0.012003803	0.468098842	1
Obesity	mast_cell	<i>ZFP62</i>	-0.007025275	0.001146337	0.160695662	1
Obesity	mast_cell	<i>ZFYVE19</i>	-0.009501182	0.0480498	0.745990132	1
Obesity	mast_cell	<i>ZNF223</i>	0.029563405	0.006630305	0.342550983	1
Obesity	mast_cell	<i>ZNF420</i>	-0.004743889	0.019294253	0.561353539	1
Obesity	mast_cell	<i>ZNF549</i>	0.00891063	0.001660957	0.202199713	1
Obesity	mast_cell	<i>ZNF607</i>	-0.03221477	0.041006459	0.702577333	1
Obesity	mast_cell	<i>ZNF665</i>	0.011081732	0.000442146	0.097398367	1
Obesity	mast_cell	<i>ZNF703</i>	-0.02867812	0.028017024	0.622671067	1
Obesity	mast_cell	<i>ZNF717</i>	-0.004846179	0.003355885	0.274635704	1
Obesity	mast_cell	<i>ZNF750</i>	-0.027246502	0.013084984	0.48040584	1
Obesity	mast_cell	<i>ALG1L</i>	-0.095474082	0.032808413	0.661263231	1
Obesity	mast_cell	<i>C2orf72</i>	-0.10170061	0.038909067	0.686173577	1
Obesity	mast_cell	<i>PKDREJ</i>	-0.070179919	0.046313845	0.736246896	1
Obesity	mast_cell	<i>REG3G</i>	0.092473087	1.04E-05	0.012229225	0.048276626
Obesity	mast_cell	<i>ZNF80</i>	-0.012445944	0.030937757	0.644374161	1
Obesity	mast_cell	<i>SLC12A5</i>	0.064136839	0.002155621	0.222561237	1
Obesity	mast_cell	<i>VPREB3</i>	0.029567794	0.031062568	0.644374161	1
Obesity	mast_cell	<i>ULBP2</i>	-0.093614807	0.037124532	0.681959784	1
Obesity	mast_cell	<i>LINC01123</i>	0.019235187	0.022844278	0.588722914	1
Obesity	mast_cell	<i>LILRA4</i>	0.008657679	0.022711902	0.588722914	1
Obesity	mast_cell	<i>HIST2H2AA4</i>	-0.005588182	0.019720864	0.562226871	1
Obesity	mesothelium	<i>A4GALT</i>	-0.011108475	0.037800419	0.722126816	1
Obesity	mesothelium	<i>AC093668.2</i>	-0.022563768	0.006606836	0.407509666	1
Obesity	mesothelium	<i>AC108463.2</i>	-0.018549412	0.04606126	0.763990331	1
Obesity	mesothelium	<i>ADAM19</i>	0.001899208	0.03158209	0.679529068	1
Obesity	mesothelium	<i>ADARB2</i>	0.025894188	0.047332718	0.776457998	1
Obesity	mesothelium	<i>ADSS</i>	-0.002713382	0.037781732	0.722126816	1
Obesity	mesothelium	<i>AHRR</i>	-0.011817846	0.008934196	0.453478507	1
Obesity	mesothelium	<i>AKAP5</i>	0.010739804	0.02526964	0.657123438	1
Obesity	mesothelium	<i>AKTIP</i>	-0.010642825	0.025995155	0.657123438	1
Obesity	mesothelium	<i>ALG1L2</i>	-0.008242867	0.049465935	0.79236168	1
Obesity	mesothelium	<i>ANGPTL6</i>	-0.029009814	0.010579699	0.489271653	1
Obesity	mesothelium	<i>ANKRD36B</i>	0.006674358	7.21E-05	0.088582702	0.333505342
Obesity	mesothelium	<i>ANKS6</i>	0.006589732	0.02722809	0.666439926	1
Obesity	mesothelium	<i>ANO7</i>	-0.022047525	7.81E-05	0.088582702	0.361447692

Obesity	mesothelium	<i>AP3B2</i>	-0.026563498	0.003282553	0.330110693	1
Obesity	mesothelium	<i>AQP5</i>	-0.095931675	0.016394619	0.568956367	1
Obesity	mesothelium	<i>ARL6IP5</i>	0.002785912	0.008822085	0.453478507	1
Obesity	mesothelium	<i>ART3</i>	-0.050520797	0.016159894	0.568956367	1
Obesity	mesothelium	<i>BRCA2</i>	0.014476687	0.02881164	0.677559207	1
Obesity	mesothelium	<i>BRK1</i>	0.005361648	0.037034075	0.719830387	1
Obesity	mesothelium	<i>BTBD16</i>	0.030562034	0.009269387	0.456172174	1
Obesity	mesothelium	<i>C11orf21</i>	-0.02065818	0.002598397	0.286194923	1
Obesity	mesothelium	<i>C14orf79</i>	-0.011940484	0.028339224	0.677559207	1
Obesity	mesothelium	<i>C1QTNF9</i>	-0.050304284	0.016335152	0.568956367	1
Obesity	mesothelium	<i>C2orf88</i>	0.004553949	0.023120826	0.644318935	1
Obesity	mesothelium	<i>C7orf25</i>	-0.05109785	0.009116624	0.453478507	1
Obesity	mesothelium	<i>CANX</i>	0.003207914	0.019926027	0.618715594	1
Obesity	mesothelium	<i>CAPN3</i>	0.019455909	0.025386017	0.657123438	1
Obesity	mesothelium	<i>CAPS</i>	-0.008221684	0.024423072	0.654600917	1
Obesity	mesothelium	<i>CCDC112</i>	0.004533783	0.010996475	0.489271653	1
Obesity	mesothelium	<i>CCDC82</i>	0.005619844	0.011923652	0.506044182	1
Obesity	mesothelium	<i>CCDC9</i>	-0.014264828	0.016745292	0.569586185	1
Obesity	mesothelium	<i>CCNDBP1</i>	-0.007534088	0.04239914	0.734955001	1
Obesity	mesothelium	<i>CCNE2</i>	0.008568107	0.041667313	0.733972128	1
Obesity	mesothelium	<i>CD38</i>	0.005661081	0.026162549	0.657760616	1
Obesity	mesothelium	<i>CDC42EP5</i>	-0.012802678	0.038934817	0.732565288	1
Obesity	mesothelium	<i>CDH23</i>	-0.001901813	0.022983174	0.644318935	1
Obesity	mesothelium	<i>CDKN2AIPNL</i>	-0.023461621	0.002215346	0.274050594	1
Obesity	mesothelium	<i>CHRD</i>	0.020545996	9.57E-05	0.088582702	0.442913512
Obesity	mesothelium	<i>CIAO1</i>	-0.004751016	0.02281101	0.64343739	1
Obesity	mesothelium	<i>CLDN1</i>	-0.002825769	0.02542856	0.657123438	1
Obesity	mesothelium	<i>CLDN10</i>	-0.023244027	0.043055081	0.734955001	1
Obesity	mesothelium	<i>CLDN9</i>	0.007081752	0.003835533	0.335920607	1
Obesity	mesothelium	<i>CMPK1</i>	-0.00346909	0.02455577	0.654600917	1
Obesity	mesothelium	<i>COQ7</i>	-0.008286335	0.031280684	0.679529068	1
Obesity	mesothelium	<i>COX15</i>	0.005033891	0.015352547	0.563657793	1
Obesity	mesothelium	<i>COX17</i>	-0.005492183	0.035497223	0.713957195	1
Obesity	mesothelium	<i>CSTF1</i>	0.006640993	0.0312185	0.679529068	1
Obesity	mesothelium	<i>CTNND2</i>	-0.009438889	0.034767334	0.713957195	1
Obesity	mesothelium	<i>CWF19L1</i>	-0.004256208	0.010202932	0.481620016	1
Obesity	mesothelium	<i>CYP11A1</i>	-0.048501633	0.046723987	0.771947011	1
Obesity	mesothelium	<i>DAAM2</i>	0.002427375	0.021698833	0.626992167	1
Obesity	mesothelium	<i>DCP2</i>	0.002167926	0.040392416	0.732565288	1
Obesity	mesothelium	<i>DDIT4L</i>	0.030037824	0.028718424	0.677559207	1
Obesity	mesothelium	<i>DDO</i>	-0.032332277	0.020137185	0.618715594	1
Obesity	mesothelium	<i>DDX42</i>	-0.004059703	0.001565936	0.226375649	1
Obesity	mesothelium	<i>DISP2</i>	-0.023519172	0.04061178	0.732565288	1
Obesity	mesothelium	<i>DUSP15</i>	-0.040372001	0.012995525	0.530088899	1
Obesity	mesothelium	<i>DUSP8</i>	-0.025545763	0.003804281	0.335920607	1
Obesity	mesothelium	<i>DYNC1I2</i>	-0.001816123	0.048941759	0.789853808	1
Obesity	mesothelium	<i>ECM2</i>	-0.003532678	0.000518409	0.149884891	1
Obesity	mesothelium	<i>ECT2L</i>	0.007787761	0.019439417	0.611746541	1
Obesity	mesothelium	<i>EFHB</i>	0.012011946	0.00122281	0.191009959	1
Obesity	mesothelium	<i>EHD3</i>	-0.037219502	0.007270604	0.426094414	1
Obesity	mesothelium	<i>EIF5A</i>	-0.014951002	0.034479049	0.712053936	1
Obesity	mesothelium	<i>ENO3</i>	0.023309373	0.011723605	0.502161068	1

Obesity	mesothelium	<i>ERAP2</i>	-0.002759646	0.040929767	0.732565288	1
Obesity	mesothelium	<i>EVPLL</i>	-0.109182356	0.000723588	0.173724416	1
Obesity	mesothelium	<i>EZH1</i>	-0.003652318	0.048882998	0.789853808	1
Obesity	mesothelium	<i>F2RL1</i>	0.068202801	0.02553582	0.657123438	1
Obesity	mesothelium	<i>FAM111A</i>	0.004583116	0.004284331	0.335920607	1
Obesity	mesothelium	<i>FAM184A</i>	-0.006600674	0.032205243	0.689728962	1
Obesity	mesothelium	<i>FAM19A3</i>	-0.115462614	0.036808105	0.719830387	1
Obesity	mesothelium	<i>FAM35A</i>	0.002820826	0.032663195	0.690774917	1
Obesity	mesothelium	<i>FAM50B</i>	0.028206385	0.030538916	0.679529068	1
Obesity	mesothelium	<i>FANCF</i>	-0.012993951	0.037932732	0.722126816	1
Obesity	mesothelium	<i>FANCG</i>	0.030177434	0.049003036	0.789853808	1
Obesity	mesothelium	<i>FBF1</i>	0.005432497	0.023930787	0.654600917	1
Obesity	mesothelium	<i>FBXO36</i>	-0.006374598	0.042948172	0.734955001	1
Obesity	mesothelium	<i>FGF14-IT1</i>	-0.061873786	0.048951041	0.789853808	1
Obesity	mesothelium	<i>FGFR2</i>	-0.012345917	0.049913023	0.796198776	1
Obesity	mesothelium	<i>FGGY</i>	-0.003806335	0.001088648	0.186835207	1
Obesity	mesothelium	<i>FHL3</i>	0.012214688	0.007905646	0.436486184	1
Obesity	mesothelium	<i>FLOT1</i>	-0.005728384	0.031399062	0.679529068	1
Obesity	mesothelium	<i>FRS3</i>	-0.016187367	0.029543539	0.679529068	1
Obesity	mesothelium	<i>FTSJ3</i>	0.008720493	0.018778918	0.603272748	1
Obesity	mesothelium	<i>FZD6</i>	-0.004963751	0.040209374	0.732565288	1
Obesity	mesothelium	<i>FZD9</i>	-0.178925873	5.99E-05	0.088582702	0.2772461
Obesity	mesothelium	<i>GABRP</i>	-0.03278136	0.018511487	0.598840144	1
Obesity	mesothelium	<i>GBA</i>	-0.013135751	0.003758862	0.335920607	1
Obesity	mesothelium	<i>GOLGA8M</i>	-0.01921666	0.0101237	0.481620016	1
Obesity	mesothelium	<i>GPR17</i>	-0.02911561	0.005061565	0.359689763	1
Obesity	mesothelium	<i>GRAMD1A</i>	0.004256221	0.037017934	0.719830387	1
Obesity	mesothelium	<i>GSTP1</i>	-0.00493016	0.015191284	0.563657793	1
Obesity	mesothelium	<i>GUF1</i>	-0.007099298	0.016603785	0.568956367	1
Obesity	mesothelium	<i>HAUS8</i>	-0.006519135	0.025177378	0.657123438	1
Obesity	mesothelium	<i>HDDC3</i>	-0.011507156	0.027203787	0.666439926	1
Obesity	mesothelium	<i>HHLA3</i>	-0.019049202	0.00543411	0.359689763	1
Obesity	mesothelium	<i>HIST1H2BK</i>	-0.006813871	0.020195861	0.618715594	1
Obesity	mesothelium	<i>HLA-DQA1</i>	0.001684433	0.034096814	0.71050388	1
Obesity	mesothelium	<i>HLA-DQB2</i>	-0.007548759	0.044749581	0.755516652	1
Obesity	mesothelium	<i>HLA-DRB5</i>	0.001936826	0.021144007	0.626953501	1
Obesity	mesothelium	<i>HMBS</i>	-0.027084371	0.002094645	0.274050594	1
Obesity	mesothelium	<i>HSD17B13</i>	-0.07577256	0.002251172	0.274050594	1
Obesity	mesothelium	<i>IGHMBP2</i>	0.009929011	0.004225209	0.335920607	1
Obesity	mesothelium	<i>IL11RA</i>	0.013134034	0.004802538	0.359689763	1
Obesity	mesothelium	<i>IL15RA</i>	-0.00707305	0.038532834	0.730544627	1
Obesity	mesothelium	<i>ING3</i>	-0.008389999	0.000160807	0.092986703	0.743893626
Obesity	mesothelium	<i>INHBB</i>	-0.036649057	0.016527718	0.568956367	1
Obesity	mesothelium	<i>INPP1</i>	0.006337656	0.004095625	0.335920607	1
Obesity	mesothelium	<i>ITGB6</i>	-0.028195207	0.048080856	0.785943599	1
Obesity	mesothelium	<i>JMJD7</i>	-0.033619057	0.007925819	0.436486184	1
Obesity	mesothelium	<i>KCNH4</i>	-0.053095942	0.032483197	0.690774917	1
Obesity	mesothelium	<i>KHDC1</i>	-0.006035122	0.042738951	0.734955001	1
Obesity	mesothelium	<i>KIF17</i>	-0.028413667	0.00249845	0.286194923	1
Obesity	mesothelium	<i>KLK5</i>	-0.032051867	0.009428737	0.456384985	1
Obesity	mesothelium	<i>KLK7</i>	-0.018889616	0.000853368	0.173724416	1
Obesity	mesothelium	<i>KNOP1</i>	-0.011942848	0.000116817	0.090065592	0.540393555

Obesity	mesothelium	<i>LACTB</i>	-0.004204468	0.013905557	0.54275752	1
Obesity	mesothelium	<i>LDLRAD2</i>	-0.028233385	0.005350123	0.359689763	1
Obesity	mesothelium	<i>LINC00265</i>	0.025808308	0.005311522	0.359689763	1
Obesity	mesothelium	<i>LINC00987</i>	-0.009640358	0.015684478	0.566846855	1
Obesity	mesothelium	<i>LRRC36</i>	-0.027401151	0.001463129	0.218336615	1
Obesity	mesothelium	<i>LRRC46</i>	0.119408355	0.002244704	0.274050594	1
Obesity	mesothelium	<i>LRWD1</i>	-0.042987401	0.02831177	0.677559207	1
Obesity	mesothelium	<i>LY86</i>	0.002413223	0.007106493	0.426094414	1
Obesity	mesothelium	<i>LYNX1</i>	-0.040651068	0.010512865	0.489271653	1
Obesity	mesothelium	<i>LYPD5</i>	0.032858525	0.015545406	0.566244464	1
Obesity	mesothelium	<i>MAPK8IP2</i>	0.035263288	0.033034092	0.694616867	1
Obesity	mesothelium	<i>MAPK9</i>	-0.008323836	0.019365894	0.611746541	1
Obesity	mesothelium	<i>Mar-08</i>	0.0039479	0.018452212	0.598840144	1
Obesity	mesothelium	<i>MATN3</i>	-0.079840075	0.000660778	0.169819962	1
Obesity	mesothelium	<i>METAP1</i>	-0.012912176	0.002351787	0.278958117	1
Obesity	mesothelium	<i>MIPEP</i>	0.007107104	0.041015833	0.732565288	1
Obesity	mesothelium	<i>MLIP</i>	-0.012693836	0.045298979	0.762011188	1
Obesity	mesothelium	<i>MMP14</i>	-0.01553917	0.042506072	0.734955001	1
Obesity	mesothelium	<i>MPHOSPH6</i>	0.005431034	0.001105723	0.186835207	1
Obesity	mesothelium	<i>MRGPRF</i>	0.008528365	0.021262484	0.626953501	1
Obesity	mesothelium	<i>MRPL20</i>	0.004912321	0.005221634	0.359689763	1
Obesity	mesothelium	<i>MRPL21</i>	-0.010256357	0.003915218	0.335920607	1
Obesity	mesothelium	<i>MSANTD4</i>	-0.013663115	0.021437057	0.626953501	1
Obesity	mesothelium	<i>MUC20</i>	-0.027557987	0.027676729	0.671819691	1
Obesity	mesothelium	<i>MUC4</i>	-0.025119037	0.003784983	0.335920607	1
Obesity	mesothelium	<i>MXRA7</i>	-0.013711714	0.030100361	0.679529068	1
Obesity	mesothelium	<i>MYO6</i>	-0.004027015	0.021283971	0.626953501	1
Obesity	mesothelium	<i>NDUFA3</i>	0.004898927	0.045933083	0.763990331	1
Obesity	mesothelium	<i>NDUFC1</i>	-0.004150156	0.002683363	0.288679906	1
Obesity	mesothelium	<i>NDUFC2</i>	-0.007730256	0.039747634	0.732565288	1
Obesity	mesothelium	<i>NEDD4</i>	-0.005897565	0.000429917	0.142056909	1
Obesity	mesothelium	<i>NLRP2</i>	-0.023913648	0.007915059	0.436486184	1
Obesity	mesothelium	<i>NMB</i>	-0.013645894	0.003968511	0.335920607	1
Obesity	mesothelium	<i>NME1</i>	0.012948192	0.001054071	0.186835207	1
Obesity	mesothelium	<i>NSFL1C</i>	0.007447893	0.017438659	0.580368612	1
Obesity	mesothelium	<i>NSUN2</i>	0.004646542	0.03600758	0.717785499	1
Obesity	mesothelium	<i>NT5C3B</i>	-0.016592486	3.86E-05	0.088582702	0.178637822
Obesity	mesothelium	<i>NT5M</i>	-0.018282759	0.000853687	0.173724416	1
Obesity	mesothelium	<i>NUDT18</i>	-0.046612267	0.000596412	0.162294151	1
Obesity	mesothelium	<i>NUP54</i>	0.004753163	0.04251509	0.734955001	1
Obesity	mesothelium	<i>NUP85</i>	-0.005101645	0.01711949	0.573875071	1
Obesity	mesothelium	<i>NYAP1</i>	-0.05036733	0.000359144	0.127800085	1
Obesity	mesothelium	<i>ODF3L2</i>	-0.08728246	0.040986891	0.732565288	1
Obesity	mesothelium	<i>OR2A42</i>	-0.075761526	0.034953652	0.713957195	1
Obesity	mesothelium	<i>ORAI3</i>	-0.018535279	0.021260562	0.626953501	1
Obesity	mesothelium	<i>PAOX</i>	0.017156984	0.000150225	0.092986703	0.694941287
Obesity	mesothelium	<i>PARP6</i>	0.00339631	0.014476783	0.553176636	1
Obesity	mesothelium	<i>PBLD</i>	0.009947349	0.01149372	0.496915393	1
Obesity	mesothelium	<i>PCP2</i>	-0.093517309	0.00367976	0.335920607	1
Obesity	mesothelium	<i>PDCD1LG2</i>	-0.00558426	0.049501194	0.79236168	1
Obesity	mesothelium	<i>PDHB</i>	-0.004718706	0.046077238	0.763990331	1
Obesity	mesothelium	<i>PDIA4</i>	-0.006922226	0.005632176	0.366964054	1

Obesity	mesothelium	<i>PDPR</i>	-0.008799047	0.00904145	0.453478507	1
Obesity	mesothelium	<i>PIF1</i>	-0.048466987	0.001130866	0.186835207	1
Obesity	mesothelium	<i>PIP4K2B</i>	-0.006308485	0.04249632	0.734955001	1
Obesity	mesothelium	<i>PIP4K2C</i>	0.013820778	0.017096011	0.573875071	1
Obesity	mesothelium	<i>PLA2G10</i>	-0.01795512	0.04385356	0.744982481	1
Obesity	mesothelium	<i>PMS1</i>	0.0041756	0.00025664	0.107928972	1
Obesity	mesothelium	<i>PNKD</i>	0.004663892	0.040225293	0.732565288	1
Obesity	mesothelium	<i>PNMA2</i>	0.042673605	0.004225152	0.335920607	1
Obesity	mesothelium	<i>PON1</i>	-0.034324322	0.020502801	0.623986551	1
Obesity	mesothelium	<i>PPIE</i>	-0.006170306	0.036156533	0.717785499	1
Obesity	mesothelium	<i>PPP1R36</i>	-0.029597328	0.047200231	0.776457998	1
Obesity	mesothelium	<i>PRG4</i>	0.006915078	0.011110054	0.489477217	1
Obesity	mesothelium	<i>PRKAB2</i>	-0.011880011	0.005275219	0.359689763	1
Obesity	mesothelium	<i>PROM2</i>	0.108129439	0.019352222	0.611746541	1
Obesity	mesothelium	<i>PSMC5</i>	0.00784283	0.03088079	0.679529068	1
Obesity	mesothelium	<i>PSMD13</i>	-0.00641971	0.014588748	0.553176636	1
Obesity	mesothelium	<i>PTBP2</i>	0.002006761	0.029454126	0.679529068	1
Obesity	mesothelium	<i>PTGIS</i>	-0.003706614	0.035451736	0.713957195	1
Obesity	mesothelium	<i>PYROXD2</i>	-0.00720498	0.022313152	0.634037501	1
Obesity	mesothelium	<i>RAB11FIP3</i>	-0.003847712	0.03038042	0.679529068	1
Obesity	mesothelium	<i>RAB30</i>	-0.004485859	0.02437098	0.654600917	1
Obesity	mesothelium	<i>RAB3A</i>	-0.064718664	0.024621824	0.654600917	1
Obesity	mesothelium	<i>RAB5C</i>	-0.011207213	0.004147817	0.335920607	1
Obesity	mesothelium	<i>RABL2B</i>	-0.005978262	0.036308216	0.717785499	1
Obesity	mesothelium	<i>RAPGEF6</i>	0.011160956	0.010999622	0.489271653	1
Obesity	mesothelium	<i>RGS22</i>	-0.003708417	0.024378227	0.654600917	1
Obesity	mesothelium	<i>RHCE</i>	-0.048453458	0.000213538	0.105022412	0.987825787
Obesity	mesothelium	<i>RPAP1</i>	0.008552135	0.035181187	0.713957195	1
Obesity	mesothelium	<i>RPL12</i>	0.003356423	0.012286343	0.512041646	1
Obesity	mesothelium	<i>RPP25L</i>	0.019971943	0.008734077	0.453478507	1
Obesity	mesothelium	<i>RRP15</i>	0.003725919	0.036539319	0.719280386	1
Obesity	mesothelium	<i>RTN4RL2</i>	-0.050557974	0.02773834	0.671819691	1
Obesity	mesothelium	<i>RTP4</i>	-0.043319928	0.002537522	0.286194923	1
Obesity	mesothelium	<i>RUFY2</i>	0.001936226	0.040061537	0.732565288	1
Obesity	mesothelium	<i>SAMD14</i>	-0.015357252	0.001238716	0.191009959	1
Obesity	mesothelium	<i>SARDH</i>	-0.030613616	0.041377508	0.733380657	1
Obesity	mesothelium	<i>SCAPER</i>	0.001604177	0.032702055	0.690774917	1
Obesity	mesothelium	<i>SCGB1B2P</i>	0.048013967	0.007703825	0.436486184	1
Obesity	mesothelium	<i>SEMA7A</i>	0.043406701	0.000349556	0.127800085	1
Obesity	mesothelium	<i>SGSH</i>	0.007817862	0.03082762	0.679529068	1
Obesity	mesothelium	<i>SH3YL1</i>	-0.007358974	0.00727658	0.426094414	1
Obesity	mesothelium	<i>SHISA4</i>	-0.017614923	0.026609165	0.661795674	1
Obesity	mesothelium	<i>SIGLEC7</i>	0.025054078	0.00047915	0.147769968	1
Obesity	mesothelium	<i>SIRT6</i>	-0.008196728	0.021548985	0.626953501	1
Obesity	mesothelium	<i>SLC15A5</i>	-0.043189305	0.012275926	0.512041646	1
Obesity	mesothelium	<i>SLC1A7</i>	-0.027082765	0.043964595	0.744982481	1
Obesity	mesothelium	<i>SLC23A3</i>	-0.035423059	0.000227026	0.105022412	1
Obesity	mesothelium	<i>SLC25A34</i>	-0.02130139	0.027031901	0.666439926	1
Obesity	mesothelium	<i>SLC2A8</i>	-0.011610268	0.040634425	0.732565288	1
Obesity	mesothelium	<i>SLC37A4</i>	-0.017648128	0.034304753	0.711631334	1
Obesity	mesothelium	<i>SLC6A7</i>	0.119718516	0.001806053	0.253175764	1
Obesity	mesothelium	<i>SMPD4</i>	0.005074899	0.045560383	0.763631639	1

Obesity	mesothelium	<i>SMTNL1</i>	-0.018736459	0.025918464	0.657123438	1
Obesity	mesothelium	<i>SNIP1</i>	0.007711271	0.003829096	0.335920607	1
Obesity	mesothelium	<i>SNN</i>	0.00822317	0.031554918	0.679529068	1
Obesity	mesothelium	<i>ST14</i>	0.006335168	0.00876151	0.453478507	1
Obesity	mesothelium	<i>STK24</i>	0.002986646	0.01317774	0.530088899	1
Obesity	mesothelium	<i>STRIP1</i>	-0.009616524	0.001958949	0.266532297	1
Obesity	mesothelium	<i>STX17</i>	-0.002960623	0.039031893	0.732565288	1
Obesity	mesothelium	<i>SULT1C2</i>	-0.019692489	0.025835553	0.657123438	1
Obesity	mesothelium	<i>SYT15</i>	-0.036895298	0.022340707	0.634037501	1
Obesity	mesothelium	<i>TADA2A</i>	0.005880092	0.00650887	0.407509666	1
Obesity	mesothelium	<i>TAS2R4</i>	-0.014900962	0.011334355	0.494648353	1
Obesity	mesothelium	<i>TBCE</i>	-0.003878584	0.029968131	0.679529068	1
Obesity	mesothelium	<i>TCP11L2</i>	-0.005448241	0.005400979	0.359689763	1
Obesity	mesothelium	<i>TECTA</i>	0.040683853	0.012521233	0.517171626	1
Obesity	mesothelium	<i>TEX14</i>	-0.014829391	0.016223994	0.568956367	1
Obesity	mesothelium	<i>THOC5</i>	-0.011461725	0.028854121	0.677559207	1
Obesity	mesothelium	<i>THUMPD2</i>	-0.004640573	0.018067357	0.596997092	1
Obesity	mesothelium	<i>TMC6</i>	0.003122091	0.041173146	0.732565288	1
Obesity	mesothelium	<i>TMEM136</i>	-0.005443693	0.0334487	0.700152432	1
Obesity	mesothelium	<i>TMEM206</i>	0.011898881	0.000791235	0.173724416	1
Obesity	mesothelium	<i>TOPORS</i>	0.00894741	0.041728204	0.733972128	1
Obesity	mesothelium	<i>TOX2</i>	-0.008652408	0.030164686	0.679529068	1
Obesity	mesothelium	<i>TRABD</i>	-0.006818819	0.02847176	0.677559207	1
Obesity	mesothelium	<i>TRIAP1</i>	0.01301263	0.014220726	0.548208969	1
Obesity	mesothelium	<i>TRIM27</i>	0.009530533	0.005132762	0.359689763	1
Obesity	mesothelium	<i>TRIM66</i>	-0.005604687	0.008320308	0.447555172	1
Obesity	mesothelium	<i>TRIM73</i>	-0.09073877	0.013583207	0.541688942	1
Obesity	mesothelium	<i>TRMT10A</i>	0.007203829	0.004709065	0.359689763	1
Obesity	mesothelium	<i>UBA52</i>	-0.003186661	0.010979971	0.489271653	1
Obesity	mesothelium	<i>ULK3</i>	-0.009223099	0.005949849	0.382277813	1
Obesity	mesothelium	<i>VAMP4</i>	0.004188434	0.008056069	0.438439726	1
Obesity	mesothelium	<i>VNN1</i>	0.012288491	0.005442776	0.359689763	1
Obesity	mesothelium	<i>VPS28</i>	-0.005910448	0.024261695	0.654600917	1
Obesity	mesothelium	<i>WDFY2</i>	0.001522948	0.007387131	0.427160845	1
Obesity	mesothelium	<i>WDR11</i>	-0.003323942	0.036170094	0.717785499	1
Obesity	mesothelium	<i>WFDC6</i>	-0.061938649	0.040748002	0.732565288	1
Obesity	mesothelium	<i>YWHAZ</i>	0.001834825	0.02574191	0.657123438	1
Obesity	mesothelium	<i>ZBTB49</i>	-0.007166873	0.01486918	0.559226218	1
Obesity	mesothelium	<i>ZFP62</i>	0.004507051	0.037443036	0.722126816	1
Obesity	mesothelium	<i>ZFYVE19</i>	-0.010478885	0.029380027	0.679529068	1
Obesity	mesothelium	<i>ZNF223</i>	-0.022481797	0.037907558	0.722126816	1
Obesity	mesothelium	<i>ZNF25</i>	-0.005602933	0.023675035	0.654600917	1
Obesity	mesothelium	<i>ZNF322</i>	-0.006942547	0.029361628	0.679529068	1
Obesity	mesothelium	<i>ZNF333</i>	-0.005037699	0.03934199	0.732565288	1
Obesity	mesothelium	<i>ZNF420</i>	0.00602542	0.002935382	0.301757292	1
Obesity	mesothelium	<i>ZNF547</i>	0.026463704	0.002772336	0.291473342	1
Obesity	mesothelium	<i>ZNF550</i>	0.007016541	0.030582167	0.679529068	1
Obesity	mesothelium	<i>ZNF586</i>	0.002923087	0.018364794	0.598840144	1
Obesity	mesothelium	<i>ZNF677</i>	-0.011088362	0.020190008	0.618715594	1
Obesity	mesothelium	<i>ZNF709</i>	-0.090788712	0.010906392	0.489271653	1
Obesity	mesothelium	<i>ZNF717</i>	-0.004055389	0.013961985	0.54275752	1
Obesity	mesothelium	<i>ZNF728</i>	-0.024999855	0.026383835	0.659738484	1

Obesity	mesothelium	<i>ZNF787</i>	-0.011890514	0.013165157	0.530088899	1
Obesity	mesothelium	<i>ZNF880</i>	-0.005523594	0.030578384	0.679529068	1
Obesity	mesothelium	<i>ZSCAN18</i>	0.003898475	0.008945303	0.453478507	1
Obesity	mesothelium	<i>ZSCAN29</i>	-0.016450869	0.016219017	0.568956367	1
Obesity	mesothelium	<i>FAM106A</i>	0.066501745	0.042986009	0.734955001	1
Obesity	mesothelium	<i>ICOSLG</i>	-0.088903415	0.013775878	0.54275752	1
Obesity	mesothelium	<i>RPRML</i>	-0.047001532	0.021821388	0.626992167	1
Obesity	mesothelium	<i>NPTX2</i>	-0.00569246	0.03954005	0.732565288	1
Obesity	mesothelium	<i>POLR2J2</i>	-0.105119445	0.007027554	0.426094414	1
Obesity	mesothelium	<i>KIR3DL1</i>	0.042363093	0.035217182	0.713957195	1
Obesity	mesothelium	<i>NME8</i>	-0.048833052	0.006560174	0.407509666	1
Obesity	mesothelium	<i>SLC12A5</i>	-0.050576403	0.01534712	0.563657793	1
Obesity	mesothelium	<i>NPIPA7</i>	-0.091441759	0.009471024	0.456384985	1
Obesity	mesothelium	<i>ADAD2</i>	0.101964456	0.00086374	0.173724416	1
Obesity	mesothelium	<i>SRXN1</i>	-0.015264847	0.00095742	0.184542777	1
Obesity	mesothelium	<i>LINC00364</i>	-0.018567473	0.021192716	0.626953501	1
Obesity	monocyte	<i>ABCD3</i>	0.003267986	0.019262062	0.445531505	1
Obesity	monocyte	<i>AC005082.1</i>	-0.035968998	0.001290554	0.127847984	1
Obesity	monocyte	<i>AC131971.1</i>	-0.055256275	0.018457113	0.435625544	1
Obesity	monocyte	<i>ACOX2</i>	-0.008496747	0.03855348	0.578472308	1
Obesity	monocyte	<i>ACP2</i>	0.010378722	0.03172434	0.539077539	1
Obesity	monocyte	<i>ADAT1</i>	0.010304836	0.02786693	0.521912619	1
Obesity	monocyte	<i>ADD2</i>	-0.008951071	0.023579197	0.482643207	1
Obesity	monocyte	<i>ADH4</i>	-0.008196352	0.020246202	0.451248899	1
Obesity	monocyte	<i>ADRA2B</i>	-0.045273322	0.001912742	0.152399328	1
Obesity	monocyte	<i>AEBP1</i>	-0.003052957	0.012175754	0.368991526	1
Obesity	monocyte	<i>AKAP5</i>	-0.01000669	0.036658868	0.565279739	1
Obesity	monocyte	<i>ALDH6A1</i>	-0.011737286	0.026665707	0.512621443	1
Obesity	monocyte	<i>ALDH7A1</i>	-0.005824422	0.008919218	0.325629106	1
Obesity	monocyte	<i>ALDH8A1</i>	-0.018834224	0.016796842	0.420011841	1
Obesity	monocyte	<i>ALYREF</i>	-0.059526607	0.001437719	0.133017759	1
Obesity	monocyte	<i>ANGPT4</i>	0.006324523	0.033344012	0.545050888	1
Obesity	monocyte	<i>ANKRD13A</i>	0.002760962	0.03011234	0.532655284	1
Obesity	monocyte	<i>ANKRD65</i>	-0.046260585	0.039140042	0.578472308	1
Obesity	monocyte	<i>AP001468.1</i>	-0.091295185	0.043503064	0.610857082	1
Obesity	monocyte	<i>AP3B2</i>	0.022675789	0.012383587	0.368991526	1
Obesity	monocyte	<i>AP3M2</i>	-0.007576757	0.007772006	0.314045435	1
Obesity	monocyte	<i>ARGLU1</i>	0.001251319	0.023334678	0.481942772	1
Obesity	monocyte	<i>ARHGAP28</i>	-0.003747759	0.030685433	0.532655284	1
Obesity	monocyte	<i>ARHGAP33</i>	0.022010909	0.004158411	0.243883069	1
Obesity	monocyte	<i>ARL1</i>	-0.007931578	0.000423147	0.078299067	1
Obesity	monocyte	<i>ARL6IP4</i>	-0.070216154	0.037978352	0.576086463	1
Obesity	monocyte	<i>ARPC5</i>	0.002361327	0.020909788	0.460612755	1
Obesity	monocyte	<i>ATP6V1G2</i>	0.036128999	0.016701254	0.420011841	1
Obesity	monocyte	<i>ATXN10</i>	0.002262844	0.000854993	0.102043571	1
Obesity	monocyte	<i>B4GALNT1</i>	-0.038052671	0.010773715	0.346105594	1
Obesity	monocyte	<i>BAG6</i>	0.012438204	0.014052363	0.394726889	1
Obesity	monocyte	<i>BHMT</i>	-0.060246384	0.021900899	0.471524065	1
Obesity	monocyte	<i>BMPR2</i>	-0.00239906	0.006436439	0.285514301	1
Obesity	monocyte	<i>BPI</i>	-0.009384973	0.047482751	0.636681759	1
Obesity	monocyte	<i>C14orf37</i>	-0.002342625	0.003025924	0.202292182	1
Obesity	monocyte	<i>C1GALT1</i>	-0.002428881	0.026816772	0.512621443	1

Obesity	monocyte	<i>C4orf45</i>	0.008304106	0.022496702	0.473044281	1
Obesity	monocyte	<i>C5orf63</i>	-0.019663974	0.008651168	0.325629106	1
Obesity	monocyte	<i>C6orf163</i>	-0.036485804	0.00337214	0.219128341	1
Obesity	monocyte	<i>CACFD1</i>	-0.044055832	0.010624201	0.346105594	1
Obesity	monocyte	<i>CALML4</i>	-0.058566677	0.000447539	0.07962043	1
Obesity	monocyte	<i>CALML6</i>	-0.090887904	0.03252151	0.541167289	1
Obesity	monocyte	<i>CBWD1</i>	0.010371798	0.019865107	0.449596567	1
Obesity	monocyte	<i>CC2D1B</i>	0.015398602	0.001733124	0.145371855	1
Obesity	monocyte	<i>CCDC114</i>	0.050121052	0.004094966	0.243883069	1
Obesity	monocyte	<i>CCDC154</i>	0.013142313	0.004930816	0.25920403	1
Obesity	monocyte	<i>CCDC181</i>	-0.019179142	0.048754186	0.649962151	1
Obesity	monocyte	<i>CCDC36</i>	-0.007753185	0.016365028	0.420011841	1
Obesity	monocyte	<i>CCDC78</i>	-0.120385939	0.000707185	0.090738004	1
Obesity	monocyte	<i>CCDC8</i>	-0.042612209	0.012975944	0.377526525	1
Obesity	monocyte	<i>CCL16</i>	-0.043852137	0.046947521	0.633395873	1
Obesity	monocyte	<i>CD207</i>	-0.041934298	0.039339126	0.578587312	1
Obesity	monocyte	<i>CDC6</i>	-0.019562142	0.022016688	0.471524065	1
Obesity	monocyte	<i>CDHR1</i>	-0.052777131	0.008716064	0.325629106	1
Obesity	monocyte	<i>CDKN2AIPNL</i>	0.016445711	0.031032468	0.533666167	1
Obesity	monocyte	<i>CER1</i>	-0.017599648	0.023440796	0.481942772	1
Obesity	monocyte	<i>CETN3</i>	-0.028920141	0.000107677	0.042441564	0.498111645
Obesity	monocyte	<i>CHDH</i>	-0.020358994	0.041141902	0.591727558	1
Obesity	monocyte	<i>CHST8</i>	0.025201119	0.007490507	0.312634453	1
Obesity	monocyte	<i>CLEC18A</i>	-0.052901856	0.000712586	0.090738004	1
Obesity	monocyte	<i>CLEC3B</i>	-0.023874593	0.000135493	0.044994546	0.626790263
Obesity	monocyte	<i>CLUAP1</i>	0.005657191	0.049236155	0.653010593	1
Obesity	monocyte	<i>CLYBL</i>	0.002965962	0.019492259	0.448612877	1
Obesity	monocyte	<i>CNIH1</i>	-0.005674538	0.000725747	0.090738004	1
Obesity	monocyte	<i>CXCL6</i>	-0.020079755	0.008939666	0.325629106	1
Obesity	monocyte	<i>CYP2E1</i>	-0.040241955	0.015255079	0.411024056	1
Obesity	monocyte	<i>CYP2U1</i>	-0.016536618	0.004164886	0.243883069	1
Obesity	monocyte	<i>CYP4F11</i>	-0.005012915	0.043396994	0.610857082	1
Obesity	monocyte	<i>DALRD3</i>	-0.005883254	0.02729736	0.515418726	1
Obesity	monocyte	<i>DGP2</i>	-0.002712115	0.010396086	0.345987716	1
Obesity	monocyte	<i>DCTN5</i>	0.007404055	0.026644992	0.512621443	1
Obesity	monocyte	<i>DDHD2</i>	0.002711034	0.036124016	0.565279739	1
Obesity	monocyte	<i>DDIT4L</i>	-0.030020448	0.02934138	0.532655284	1
Obesity	monocyte	<i>DNAH5</i>	-0.034610773	0.02248053	0.473044281	1
Obesity	monocyte	<i>DNAJC12</i>	-0.015128643	0.033188852	0.545050888	1
Obesity	monocyte	<i>DPYSL4</i>	0.068715718	0.034905667	0.558464056	1
Obesity	monocyte	<i>DRI</i>	-0.005137348	0.038964414	0.578472308	1
Obesity	monocyte	<i>DRD4</i>	0.035026787	0.005906556	0.280366967	1
Obesity	monocyte	<i>DROSHA</i>	-0.002955317	0.033805045	0.548709249	1
Obesity	monocyte	<i>DTNBP1</i>	-0.003062682	0.010747044	0.346105594	1
Obesity	monocyte	<i>DUSP8</i>	-0.024192417	0.005860857	0.280366967	1
Obesity	monocyte	<i>EIF2B3</i>	-0.002579519	0.015282347	0.411024056	1
Obesity	monocyte	<i>EIF5A</i>	-0.016530012	0.019640716	0.449596567	1
Obesity	monocyte	<i>ELMO3</i>	-0.036837355	0.017976617	0.434190655	1
Obesity	monocyte	<i>ENDOD1</i>	0.008967805	0.040075168	0.579336643	1
Obesity	monocyte	<i>ENDOG</i>	-0.021133242	0.030952737	0.533666167	1
Obesity	monocyte	<i>ESPNL</i>	-0.091902955	0.000153939	0.044994546	0.712122978
Obesity	monocyte	<i>EVA1B</i>	0.01307072	0.018020883	0.434190655	1

Obesity	monocyte	<i>EVPLL</i>	-0.132560776	3.90E-05	0.022446017	0.180321806
Obesity	monocyte	<i>EXOSC10</i>	0.012499653	0.000162261	0.044994546	0.75061805
Obesity	monocyte	<i>EXOSC6</i>	-0.009994115	0.004160727	0.243883069	1
Obesity	monocyte	<i>F2RL1</i>	-0.076792886	0.012023467	0.368991526	1
Obesity	monocyte	<i>FAM111A</i>	-0.004008352	0.011582889	0.359613722	1
Obesity	monocyte	<i>FAM122A</i>	-0.012806052	0.007762229	0.314045435	1
Obesity	monocyte	<i>FAM149A</i>	-0.006377669	0.045741604	0.626884981	1
Obesity	monocyte	<i>FAM72B</i>	-0.022650715	0.001134037	0.118540639	1
Obesity	monocyte	<i>FAM83B</i>	0.086946431	4.84E-05	0.022446017	0.224061915
Obesity	monocyte	<i>FBN3</i>	0.016368911	0.034755443	0.558464056	1
Obesity	monocyte	<i>FIGLA</i>	-0.023618159	0.020020945	0.449596567	1
Obesity	monocyte	<i>FKBP7</i>	-0.00671152	0.046286393	0.629375532	1
Obesity	monocyte	<i>FLVCRI-ASI</i>	-0.014202996	0.000365843	0.070516152	1
Obesity	monocyte	<i>FRA10AC1</i>	-0.003407591	0.036050252	0.565279739	1
Obesity	monocyte	<i>FTCD</i>	-0.054720803	0.027018984	0.513213816	1
Obesity	monocyte	<i>FZD9</i>	-0.092973312	0.037810048	0.576086463	1
Obesity	monocyte	<i>G6PC3</i>	-0.017005751	0.008892269	0.325629106	1
Obesity	monocyte	<i>GAA</i>	-0.007699527	0.009597782	0.333579915	1
Obesity	monocyte	<i>GATAD1</i>	0.002175302	0.017606914	0.42868202	1
Obesity	monocyte	<i>GCDH</i>	-0.006522151	0.02499185	0.496190113	1
Obesity	monocyte	<i>GDNF-ASI</i>	-0.008170645	0.001298931	0.127847984	1
Obesity	monocyte	<i>GDPD1</i>	-0.003821048	0.03173265	0.539077539	1
Obesity	monocyte	<i>GGCX</i>	-0.00591876	0.035322996	0.559603355	1
Obesity	monocyte	<i>GGPS1</i>	-0.003611844	0.039543491	0.578886681	1
Obesity	monocyte	<i>GIMAP5</i>	-0.012498855	0.012348618	0.368991526	1
Obesity	monocyte	<i>GMFB</i>	-0.004698534	0.006672179	0.285791673	1
Obesity	monocyte	<i>GNG2</i>	0.001590662	0.016325238	0.420011841	1
Obesity	monocyte	<i>GOLGA8K</i>	-0.084952741	0.02950956	0.532655284	1
Obesity	monocyte	<i>GNP3</i>	-0.007077204	0.01753683	0.42868202	1
Obesity	monocyte	<i>GPR158</i>	0.023372577	0.00625312	0.282965966	1
Obesity	monocyte	<i>GRB10</i>	-0.00297728	0.018116018	0.434221239	1
Obesity	monocyte	<i>GRTP1</i>	-0.008302466	0.026438485	0.512621443	1
Obesity	monocyte	<i>GSI-124K5.4</i>	-0.017090912	0.011209913	0.352769089	1
Obesity	monocyte	<i>HAGH</i>	0.003697755	0.010159439	0.343047935	1
Obesity	monocyte	<i>HAGHL</i>	-0.047198495	0.000526437	0.08514327	1
Obesity	monocyte	<i>HCG9</i>	0.038357624	0.01996114	0.449596567	1
Obesity	monocyte	<i>HDDC3</i>	0.014542487	0.005302266	0.269541545	1
Obesity	monocyte	<i>HKDC1</i>	0.074822531	9.46E-06	0.007295738	0.043774427
Obesity	monocyte	<i>HSD17B8</i>	-0.04653476	0.004372965	0.249744866	1
Obesity	monocyte	<i>IFITM1</i>	-0.055344049	0.002487032	0.180782668	1
Obesity	monocyte	<i>IFT80</i>	-0.003987623	0.010711983	0.346105594	1
Obesity	monocyte	<i>IGHMBP2</i>	-0.00750927	0.030345433	0.532655284	1
Obesity	monocyte	<i>IMMT</i>	-0.003096028	0.032301409	0.541167289	1
Obesity	monocyte	<i>INHBB</i>	-0.033926529	0.026790655	0.512621443	1
Obesity	monocyte	<i>IQCH-ASI</i>	0.004198664	0.005428379	0.270018073	1
Obesity	monocyte	<i>ISLR2</i>	-0.041157394	0.018589684	0.43652731	1
Obesity	monocyte	<i>ITGA2</i>	-0.009721664	0.035009636	0.558464056	1
Obesity	monocyte	<i>ITGA2B</i>	-0.044476863	0.001943701	0.152399328	1
Obesity	monocyte	<i>ITGAV</i>	0.003768296	0.000968455	0.109270124	1
Obesity	monocyte	<i>JMJD8</i>	-0.021604661	0.000612391	0.089334953	1
Obesity	monocyte	<i>KCNS3</i>	-0.010329154	0.000533756	0.08514327	1
Obesity	monocyte	<i>KLHDC9</i>	0.034118234	0.033299501	0.545050888	1

Obesity	monocyte	<i>KLK5</i>	-0.029097635	0.018792313	0.439056769	1
Obesity	monocyte	<i>KLK7</i>	-0.011832279	0.036593579	0.565279739	1
Obesity	monocyte	<i>KLRG1</i>	0.002503845	0.024067121	0.489884238	1
Obesity	monocyte	<i>KRT27</i>	-0.094688405	0.029947737	0.532655284	1
Obesity	monocyte	<i>L3MBTL2</i>	0.011567109	0.013481068	0.383097318	1
Obesity	monocyte	<i>LAMC2</i>	0.024767	0.000110095	0.042441564	0.509298769
Obesity	monocyte	<i>LGR5</i>	-0.028675355	0.005939464	0.280366967	1
Obesity	monocyte	<i>LIN37</i>	-0.030805284	0.025252458	0.499221678	1
Obesity	monocyte	<i>LIN52</i>	-0.005059991	0.006670944	0.285791673	1
Obesity	monocyte	<i>LINC00314</i>	-0.044267483	0.043137999	0.610857082	1
Obesity	monocyte	<i>LINC00332</i>	-0.05753212	0.016204643	0.420011841	1
Obesity	monocyte	<i>LINC00342</i>	-0.011123504	0.00296263	0.201545952	1
Obesity	monocyte	<i>LINC00638</i>	-0.078540056	0.030235116	0.532655284	1
Obesity	monocyte	<i>LINC00665</i>	-0.007339664	0.008731985	0.325629106	1
Obesity	monocyte	<i>LINC00702</i>	-0.007442078	0.012261817	0.368991526	1
Obesity	monocyte	<i>LINC00865</i>	-0.006090811	0.030381889	0.532655284	1
Obesity	monocyte	<i>LINGO4</i>	0.128969729	0.000230746	0.053371625	1
Obesity	monocyte	<i>LRRC41</i>	-0.003066654	0.036451152	0.565279739	1
Obesity	monocyte	<i>LURAP1</i>	-0.011544954	0.004929071	0.25920403	1
Obesity	monocyte	<i>LYNX1</i>	0.033825168	0.033796276	0.548709249	1
Obesity	monocyte	<i>MAN2C1</i>	0.003502294	0.010684843	0.346105594	1
Obesity	monocyte	<i>MAP9</i>	-0.009053585	0.020289618	0.451248899	1
Obesity	monocyte	<i>MAPK12</i>	0.01567448	0.0449242	0.625298104	1
Obesity	monocyte	<i>MCM6</i>	-0.009723482	0.025737636	0.504501287	1
Obesity	monocyte	<i>MED12L</i>	0.002716616	0.030743398	0.532655284	1
Obesity	monocyte	<i>MED13</i>	-0.002821904	0.011408836	0.356603215	1
Obesity	monocyte	<i>MGAT5B</i>	-0.033933517	0.045667528	0.626884981	1
Obesity	monocyte	<i>MIEF2</i>	-0.01634242	0.004921649	0.25920403	1
Obesity	monocyte	<i>MIPEP</i>	-0.007962012	0.021338525	0.467829474	1
Obesity	monocyte	<i>MLC1</i>	-0.019399375	0.030057867	0.532655284	1
Obesity	monocyte	<i>MLF2</i>	-0.008711012	0.032293936	0.541167289	1
Obesity	monocyte	<i>MOCS2</i>	-0.013077766	0.005555059	0.270502119	1
Obesity	monocyte	<i>MOV10</i>	-0.005305715	0.019127547	0.444643388	1
Obesity	monocyte	<i>MRO</i>	0.026841554	0.021995054	0.471524065	1
Obesity	monocyte	<i>MRPL18</i>	-0.008378474	0.031471212	0.539077539	1
Obesity	monocyte	<i>MRPL20</i>	-0.004183303	0.017201949	0.425541265	1
Obesity	monocyte	<i>MRPL21</i>	0.007687801	0.030504595	0.532655284	1
Obesity	monocyte	<i>MRPL36</i>	-0.010930001	0.035200883	0.55958517	1
Obesity	monocyte	<i>MRPS15</i>	-0.012060375	0.022717188	0.475519052	1
Obesity	monocyte	<i>MRS2</i>	-0.008345297	0.018237737	0.43488541	1
Obesity	monocyte	<i>MTMR10</i>	0.003973203	0.024802964	0.494562543	1
Obesity	monocyte	<i>NAA11</i>	0.005439017	0.043427866	0.610857082	1
Obesity	monocyte	<i>NARFL</i>	-0.0189974	1.47E-06	0.002265265	0.006795796
Obesity	monocyte	<i>NCEH1</i>	-0.003079475	0.038932259	0.578472308	1
Obesity	monocyte	<i>NCKIPSD</i>	-0.008600222	0.034910371	0.558464056	1
Obesity	monocyte	<i>NDUFA3</i>	-0.007066963	0.003956739	0.243883069	1
Obesity	monocyte	<i>NGEF</i>	-0.035898835	0.049820723	0.65848761	1
Obesity	monocyte	<i>NME1</i>	-0.011429677	0.003868832	0.243883069	1
Obesity	monocyte	<i>NME7</i>	0.00403735	0.010327546	0.345987716	1
Obesity	monocyte	<i>NOC3L</i>	-0.005247478	0.00016535	0.044994546	0.764907289
Obesity	monocyte	<i>NOV</i>	-0.012206885	0.027644823	0.519857527	1
Obesity	monocyte	<i>NPC1</i>	0.003710397	0.001340391	0.129180177	1

Obesity	monocyte	<i>NRXN2</i>	-0.015578113	0.046302654	0.629375532	1
Obesity	monocyte	<i>NUDT14</i>	-0.031342569	0.016039846	0.420011841	1
Obesity	monocyte	<i>NUP85</i>	0.004639021	0.030376489	0.532655284	1
Obesity	monocyte	<i>OTOGL</i>	-0.028083354	0.005010686	0.259800466	1
Obesity	monocyte	<i>OXGR1</i>	-0.085267456	0.003061058	0.202292182	1
Obesity	monocyte	<i>PAH</i>	-0.016958986	0.008181788	0.322508937	1
Obesity	monocyte	<i>PAOX</i>	0.016499772	0.000294976	0.06202548	1
Obesity	monocyte	<i>PARP15</i>	0.002593868	0.009734822	0.333579915	1
Obesity	monocyte	<i>PAXIP1-AS1</i>	0.007588009	0.018451924	0.435625544	1
Obesity	monocyte	<i>PBLD</i>	-0.011180002	0.004263819	0.246555333	1
Obesity	monocyte	<i>PBXIP1</i>	0.008672966	0.011117493	0.352769089	1
Obesity	monocyte	<i>PDLIM4</i>	0.051736886	0.001382204	0.130491323	1
Obesity	monocyte	<i>PEPD</i>	0.006238511	8.21E-08	0.000379749	0.000379749
Obesity	monocyte	<i>PEX1</i>	0.006773004	0.037784034	0.576086463	1
Obesity	monocyte	<i>PHF10</i>	-0.006715793	0.048654381	0.649962151	1
Obesity	monocyte	<i>PHYH</i>	-0.010788474	4.85E-05	0.022446017	0.224460166
Obesity	monocyte	<i>PIGO</i>	-0.009713788	0.015839181	0.418697424	1
Obesity	monocyte	<i>PIGQ</i>	-0.014045052	0.024284221	0.489884238	1
Obesity	monocyte	<i>PILRB</i>	0.008143452	0.037982354	0.576086463	1
Obesity	monocyte	<i>PIP5KL1</i>	0.019422558	0.026400845	0.512621443	1
Obesity	monocyte	<i>PLCD3</i>	0.009873651	0.014164432	0.394726889	1
Obesity	monocyte	<i>PNKD</i>	0.006831917	0.002399316	0.180782668	1
Obesity	monocyte	<i>POGLUT1</i>	0.005662955	0.03870653	0.578472308	1
Obesity	monocyte	<i>POLE4</i>	0.005605895	0.020692277	0.458002261	1
Obesity	monocyte	<i>PPP1R27</i>	-0.120828573	0.017560511	0.42868202	1
Obesity	monocyte	<i>PPWD1</i>	-0.002707802	0.015187666	0.411024056	1
Obesity	monocyte	<i>PRDM15</i>	0.013482286	0.000197788	0.050831555	0.914967992
Obesity	monocyte	<i>PRR4</i>	0.004722213	0.036460082	0.565279739	1
Obesity	monocyte	<i>PSAP</i>	-0.000733203	0.023348664	0.481942772	1
Obesity	monocyte	<i>PSMA4</i>	-0.008927744	0.002647688	0.185578854	1
Obesity	monocyte	<i>PSMD13</i>	-0.00577069	0.029171004	0.532655284	1
Obesity	monocyte	<i>PSMD5</i>	-0.004740823	0.004632438	0.256676529	1
Obesity	monocyte	<i>RAB11FIP3</i>	0.004878534	0.006098829	0.28288708	1
Obesity	monocyte	<i>RAB24</i>	-0.047792591	0.012690909	0.372508089	1
Obesity	monocyte	<i>RAB2A</i>	0.001575175	0.029237883	0.532655284	1
Obesity	monocyte	<i>RAB43</i>	-0.160977855	0.002128736	0.164125574	1
Obesity	monocyte	<i>RAB5C</i>	0.008042576	0.040053223	0.579336643	1
Obesity	monocyte	<i>RALGAPA1</i>	-0.002086813	0.001682203	0.14502298	1
Obesity	monocyte	<i>REEP2</i>	-0.027336932	0.005054484	0.259800466	1
Obesity	monocyte	<i>RGCC</i>	-0.003157394	0.028573187	0.532655284	1
Obesity	monocyte	<i>RHCE</i>	0.058316624	8.27E-06	0.007295738	0.03823515
Obesity	monocyte	<i>RHOB</i>	-0.009585494	0.039949569	0.579336643	1
Obesity	monocyte	<i>RMI2</i>	-0.018117122	0.004143927	0.243883069	1
Obesity	monocyte	<i>RNF14</i>	-0.005659183	0.022420996	0.473044281	1
Obesity	monocyte	<i>RNLS</i>	-0.002653416	0.032854864	0.544022711	1
Obesity	monocyte	<i>RPS10</i>	-0.020905897	0.010080886	0.342898369	1
Obesity	monocyte	<i>RPS6KB2</i>	-0.010941073	0.0025011	0.180782668	1
Obesity	monocyte	<i>RUFY2</i>	-0.002429707	0.009674413	0.333579915	1
Obesity	monocyte	<i>SIPR2</i>	0.067483612	0.02240978	0.473044281	1
Obesity	monocyte	<i>SAAL1</i>	-0.006615146	0.013076185	0.37806519	1
Obesity	monocyte	<i>SACMIL</i>	0.005474912	0.006176307	0.28288708	1
Obesity	monocyte	<i>SAMD1</i>	-0.014447043	0.009054814	0.327246651	1

Obesity	monocyte	<i>SAMM50</i>	-0.008277693	0.04161661	0.596032311	1
Obesity	monocyte	<i>SAR1A</i>	0.008147203	0.007501605	0.312634453	1
Obesity	monocyte	<i>SARS2</i>	-0.056343887	0.001116688	0.118540639	1
Obesity	monocyte	<i>SCAPER</i>	-0.001992076	0.007891412	0.314704083	1
Obesity	monocyte	<i>SCN2A</i>	-0.012986246	0.012233248	0.368991526	1
Obesity	monocyte	<i>SCN2B</i>	0.044463954	0.004660793	0.256676529	1
Obesity	monocyte	<i>SCOC</i>	0.01195431	0.008552843	0.325629106	1
Obesity	monocyte	<i>SEC63</i>	0.004414876	0.01336103	0.383097318	1
Obesity	monocyte	<i>SEMA3E</i>	0.012178816	0.032380969	0.541167289	1
Obesity	monocyte	<i>SEMA5B</i>	-0.009210858	0.038706525	0.578472308	1
Obesity	monocyte	<i>SEMA6C</i>	0.016452964	0.043092812	0.610857082	1
Obesity	monocyte	<i>SENP7</i>	0.003337827	0.009679775	0.333579915	1
Obesity	monocyte	<i>SGSH</i>	0.015337118	2.05E-05	0.013550321	0.094852249
Obesity	monocyte	<i>SH2D2A</i>	0.019082511	0.013498673	0.383097318	1
Obesity	monocyte	<i>SH2D3A</i>	0.007984637	0.039754805	0.579336643	1
Obesity	monocyte	<i>SH2D4B</i>	-0.091645567	0.006300366	0.282965966	1
Obesity	monocyte	<i>SH3D21</i>	0.034182859	0.000226385	0.053371625	1
Obesity	monocyte	<i>SHC2</i>	-0.015811042	0.030618987	0.532655284	1
Obesity	monocyte	<i>SKIV2L</i>	-0.02337422	0.000464711	0.07962043	1
Obesity	monocyte	<i>SLC12A8</i>	-0.014828651	0.046963853	0.633395873	1
Obesity	monocyte	<i>SLC2A14</i>	-0.024617922	0.041188127	0.591727558	1
Obesity	monocyte	<i>SLC35B4</i>	-0.006934781	0.024558599	0.491809863	1
Obesity	monocyte	<i>SLC35F2</i>	0.022832546	8.31E-06	0.007295738	0.038454964
Obesity	monocyte	<i>SLC47A1</i>	-0.010180517	0.045803529	0.626884981	1
Obesity	monocyte	<i>SLC47A2</i>	-0.016496233	0.021729459	0.471524065	1
Obesity	monocyte	<i>SLC6A1</i>	-0.01052108	0.007027409	0.298245806	1
Obesity	monocyte	<i>SMAD5</i>	-0.002578276	0.030564248	0.532655284	1
Obesity	monocyte	<i>SMG9</i>	0.005547299	0.025526388	0.50248966	1
Obesity	monocyte	<i>SMIM19</i>	0.00393345	0.004716311	0.256678304	1
Obesity	monocyte	<i>SMIM6</i>	0.087474296	0.044393354	0.620434005	1
Obesity	monocyte	<i>SMTNL1</i>	0.023351921	0.005533178	0.270502119	1
Obesity	monocyte	<i>SMUG1</i>	-0.005439617	0.039397969	0.578587312	1
Obesity	monocyte	<i>SOGA3</i>	-0.042128821	0.005362084	0.269619566	1
Obesity	monocyte	<i>SOX7</i>	-0.015438437	0.045011731	0.625298104	1
Obesity	monocyte	<i>SPATA2L</i>	-0.008813556	0.001483913	0.134599596	1
Obesity	monocyte	<i>SPATC1L</i>	-0.026122444	0.007807009	0.314045435	1
Obesity	monocyte	<i>SRA1</i>	-0.005928935	0.015749598	0.418697424	1
Obesity	monocyte	<i>ST14</i>	-0.008255187	0.000646739	0.089334953	1
Obesity	monocyte	<i>ST6GALNAC2</i>	-0.020515167	0.006148232	0.28288708	1
Obesity	monocyte	<i>STK11IP</i>	-0.009431953	0.019771371	0.449596567	1
Obesity	monocyte	<i>STRIP1</i>	0.006794224	0.028844809	0.532655284	1
Obesity	monocyte	<i>STX2</i>	0.004486122	0.012722931	0.372508089	1
Obesity	monocyte	<i>TAS2R14</i>	0.047493219	0.009688417	0.333579915	1
Obesity	monocyte	<i>TAS2R20</i>	0.082789943	0.016673211	0.420011841	1
Obesity	monocyte	<i>TAS2R31</i>	-0.063392059	0.011181491	0.352769089	1
Obesity	monocyte	<i>TBX2</i>	0.005587195	0.003410558	0.219128341	1
Obesity	monocyte	<i>TCP11L2</i>	-0.004669073	0.017106757	0.425461609	1
Obesity	monocyte	<i>TCTE3</i>	-0.007370266	0.001153119	0.118540639	1
Obesity	monocyte	<i>TCTEX1D2</i>	0.019330713	0.015703733	0.418697424	1
Obesity	monocyte	<i>THUMPD2</i>	0.004356583	0.027069644	0.513213816	1
Obesity	monocyte	<i>TLDC1</i>	0.004699182	0.047141903	0.633948957	1
Obesity	monocyte	<i>TMA7</i>	0.006806204	0.024356544	0.489884238	1

Obesity	monocyte	<i>TMEM110</i>	-0.020207872	0.009533269	0.333579915	1
Obesity	monocyte	<i>TMEM116</i>	-0.00474789	0.038107596	0.576097182	1
Obesity	monocyte	<i>TMEM216</i>	-0.015058133	0.006548715	0.285791673	1
Obesity	monocyte	<i>TMEM50B</i>	-0.004550427	0.031813266	0.539077539	1
Obesity	monocyte	<i>TMEM99</i>	-0.03360746	0.001692875	0.14502298	1
Obesity	monocyte	<i>TOX3</i>	0.082282663	0.008825333	0.325629106	1
Obesity	monocyte	<i>TPRA1</i>	-0.007545517	0.035815956	0.565279739	1
Obesity	monocyte	<i>TRABD2B</i>	-0.005509063	0.012443294	0.368991526	1
Obesity	monocyte	<i>TRIM45</i>	-0.018814617	0.045153617	0.625391108	1
Obesity	monocyte	<i>TRMT10A</i>	-0.008697076	0.00062143	0.089334953	1
Obesity	monocyte	<i>TRPV3</i>	-0.051957557	0.014263078	0.395095795	1
Obesity	monocyte	<i>TSPYL1</i>	-0.011296847	0.030145256	0.532655284	1
Obesity	monocyte	<i>TSR3</i>	0.005991261	0.037556736	0.576086463	1
Obesity	monocyte	<i>TTC32</i>	0.009382069	0.046393657	0.629375532	1
Obesity	monocyte	<i>TTLL6</i>	-0.034658863	0.000317157	0.06378993	1
Obesity	monocyte	<i>UBAC1</i>	-0.003936379	0.034398227	0.556385313	1
Obesity	monocyte	<i>UBAP1L</i>	0.004652402	0.043170553	0.610857082	1
Obesity	monocyte	<i>UFSP2</i>	-0.005325245	0.000142457	0.044994546	0.659008171
Obesity	monocyte	<i>ULK4</i>	-0.002416916	0.001012211	0.111487762	1
Obesity	monocyte	<i>UNC45A</i>	0.010547824	0.008586881	0.325629106	1
Obesity	monocyte	<i>UTS2</i>	-0.016522205	0.014627438	0.400393664	1
Obesity	monocyte	<i>VIPAS39</i>	-0.006553301	0.016559322	0.420011841	1
Obesity	monocyte	<i>WAC</i>	-0.002372613	0.014398084	0.396461525	1
Obesity	monocyte	<i>WDR24</i>	-0.017779241	0.002876165	0.198584142	1
Obesity	monocyte	<i>WDR5B</i>	0.016986396	0.024289435	0.489884238	1
Obesity	monocyte	<i>WDR6</i>	0.004898464	0.001759798	0.145371855	1
Obesity	monocyte	<i>WDR86</i>	-0.004397702	0.045589879	0.626884981	1
Obesity	monocyte	<i>WIPF1</i>	0.002508277	0.000294348	0.06202548	1
Obesity	monocyte	<i>WTAP</i>	0.007030094	0.000913836	0.105685123	1
Obesity	monocyte	<i>XKR9</i>	-0.008714255	0.049265174	0.653010593	1
Obesity	monocyte	<i>XPO7</i>	0.004126526	0.004536562	0.255928498	1
Obesity	monocyte	<i>ZCCHC11</i>	0.002215679	0.032928309	0.544022711	1
Obesity	monocyte	<i>ZKSCAN7</i>	-0.021295174	0.000656591	0.089334953	1
Obesity	monocyte	<i>ZMYM1</i>	-0.003432284	0.008226557	0.322508937	1
Obesity	monocyte	<i>ZNF189</i>	-0.008723699	0.00086029	0.102043571	1
Obesity	monocyte	<i>ZNF223</i>	0.026518647	0.014132083	0.394726889	1
Obesity	monocyte	<i>ZNF23</i>	-0.049720766	0.002472345	0.180782668	1
Obesity	monocyte	<i>ZNF25</i>	0.005922602	0.016783802	0.420011841	1
Obesity	monocyte	<i>ZNF264</i>	0.003625828	0.030283305	0.532655284	1
Obesity	monocyte	<i>ZNF320</i>	0.01345089	0.009175014	0.329020269	1
Obesity	monocyte	<i>ZNF334</i>	0.008151064	0.001874627	0.152140761	1
Obesity	monocyte	<i>ZNF417</i>	-0.034389663	0.016437717	0.420011841	1
Obesity	monocyte	<i>ZNF586</i>	-0.003717176	0.002627307	0.185578854	1
Obesity	monocyte	<i>ZNF605</i>	-0.015657979	0.022961673	0.478471619	1
Obesity	monocyte	<i>ZNF623</i>	0.016524031	0.000609297	0.089334953	1
Obesity	monocyte	<i>ZNF780A</i>	0.019626877	0.021810838	0.471524065	1
Obesity	monocyte	<i>ZNF880</i>	-0.01296702	3.85E-07	0.000890046	0.001780092
Obesity	monocyte	<i>PCDH10</i>	-0.017310493	0.039070274	0.578472308	1
Obesity	monocyte	<i>B3GNT3</i>	-0.033109296	0.043576056	0.610857082	1
Obesity	monocyte	<i>SYT3</i>	-0.006181467	0.036354348	0.565279739	1
Obesity	monocyte	<i>BPIFB2</i>	0.107775474	0.032450801	0.541167289	1
Obesity	monocyte	<i>ADAD2</i>	-0.096998915	0.001569088	0.139588489	1

Obesity	monocyte	<i>SRXN1</i>	0.012344244	0.007710995	0.314045435	1
Obesity	monocyte	<i>PRSS46</i>	-0.00633799	0.006480545	0.285514301	1
Obesity	neutrophil	<i>A4GALT</i>	-0.010561963	0.048325198	0.766314752	1
Obesity	neutrophil	<i>AANAT</i>	0.088643861	0.037799352	0.708116489	1
Obesity	neutrophil	<i>ABCC3</i>	0.002753612	0.035183389	0.703002283	1
Obesity	neutrophil	<i>ABRACL</i>	0.008798204	0.039791917	0.708670577	1
Obesity	neutrophil	<i>AC004466.1</i>	0.085549727	0.006672525	0.365918027	1
Obesity	neutrophil	<i>AC009403.2</i>	-0.03155607	0.037833724	0.708116489	1
Obesity	neutrophil	<i>AC108463.2</i>	0.022582116	0.015441008	0.560159953	1
Obesity	neutrophil	<i>ACHE</i>	0.020721943	0.003300578	0.271431686	1
Obesity	neutrophil	<i>ACOX3</i>	-0.006080104	0.028663564	0.672445564	1
Obesity	neutrophil	<i>ACP5</i>	0.028841293	0.017623245	0.566146757	1
Obesity	neutrophil	<i>ADCK1</i>	-0.005928369	0.011212536	0.475864162	1
Obesity	neutrophil	<i>ADH4</i>	0.008037051	0.022524962	0.635368742	1
Obesity	neutrophil	<i>ANAPC13</i>	0.007935832	0.030981018	0.672445564	1
Obesity	neutrophil	<i>ANKS6</i>	0.008879929	0.002788488	0.247153284	1
Obesity	neutrophil	<i>ANO7</i>	0.014871568	0.00836607	0.398983932	1
Obesity	neutrophil	<i>AP1M1</i>	0.007839544	0.04928106	0.767644437	1
Obesity	neutrophil	<i>ARHGAP9</i>	0.005199764	0.023900003	0.648377998	1
Obesity	neutrophil	<i>ARPC2</i>	0.002155376	0.002275149	0.219267458	1
Obesity	neutrophil	<i>ASIC3</i>	-0.101056409	0.026328421	0.668121106	1
Obesity	neutrophil	<i>ATF6B</i>	-0.005437287	0.001364396	0.175324935	1
Obesity	neutrophil	<i>ATP5C1</i>	0.00326874	0.006067946	0.345436811	1
Obesity	neutrophil	<i>ATP6V1D</i>	-0.003388328	0.029067025	0.672445564	1
Obesity	neutrophil	<i>BAK1</i>	0.022787026	0.035324861	0.703002283	1
Obesity	neutrophil	<i>BOD1L1</i>	0.004520094	0.013306777	0.53545168	1
Obesity	neutrophil	<i>C14orf79</i>	-0.022634252	3.21E-05	0.018850758	0.148439886
Obesity	neutrophil	<i>C17orf97</i>	0.010594205	0.029791307	0.672445564	1
Obesity	neutrophil	<i>C19orf48</i>	0.012429735	0.031128814	0.672445564	1
Obesity	neutrophil	<i>C1GALT1</i>	0.003625968	0.000962163	0.148365503	1
Obesity	neutrophil	<i>C8orf46</i>	0.018218347	0.004398778	0.30496753	1
Obesity	neutrophil	<i>CAND1</i>	0.003875223	0.01710386	0.561152167	1
Obesity	neutrophil	<i>CASP9</i>	0.011470945	0.001275934	0.175298523	1
Obesity	neutrophil	<i>CATSPER2</i>	0.012343317	0.003615792	0.281812784	1
Obesity	neutrophil	<i>CCDC154</i>	0.011097674	0.01724681	0.561857342	1
Obesity	neutrophil	<i>CCDC158</i>	0.022343401	0.045385076	0.747331104	1
Obesity	neutrophil	<i>CCDC36</i>	0.007229645	0.024920499	0.662541548	1
Obesity	neutrophil	<i>CCDC8</i>	-0.04647196	0.006723526	0.365918027	1
Obesity	neutrophil	<i>CD207</i>	0.054319712	0.007741874	0.389281606	1
Obesity	neutrophil	<i>CD37</i>	0.003138256	0.044410608	0.741673194	1
Obesity	neutrophil	<i>CDC16</i>	0.00288797	0.03834722	0.708116489	1
Obesity	neutrophil	<i>CDC6</i>	0.019911164	0.02014335	0.600514695	1
Obesity	neutrophil	<i>CENPU</i>	0.019692625	0.049450506	0.767644437	1
Obesity	neutrophil	<i>CEP19</i>	0.009710489	0.023151956	0.641323056	1
Obesity	neutrophil	<i>CER1</i>	-0.017035297	0.028502675	0.672445564	1
Obesity	neutrophil	<i>CHML</i>	0.008428569	0.048579418	0.766314752	1
Obesity	neutrophil	<i>CIAPIN1</i>	0.004823131	0.037366893	0.708116489	1
Obesity	neutrophil	<i>CLEC12A</i>	-0.002704183	0.016801441	0.561152167	1
Obesity	neutrophil	<i>CLEC12B</i>	-0.021574136	0.009304438	0.423161145	1
Obesity	neutrophil	<i>CLEC1B</i>	-0.019049602	0.005542098	0.332025253	1
Obesity	neutrophil	<i>CLEC4F</i>	0.011174774	0.017376891	0.562136353	1
Obesity	neutrophil	<i>CLUAP1</i>	-0.006087889	0.034219823	0.700446463	1

Obesity	neutrophil	<i>CNTLN</i>	0.002092473	0.003344489	0.271431686	1
Obesity	neutrophil	<i>COPB2</i>	-0.00204337	0.048702235	0.766314752	1
Obesity	neutrophil	<i>CRYBB2</i>	-0.03207885	0.004517099	0.307295572	1
Obesity	neutrophil	<i>CSTF1</i>	0.009003327	0.003486784	0.278101067	1
Obesity	neutrophil	<i>CXCR6</i>	-0.013970035	0.019059868	0.593831748	1
Obesity	neutrophil	<i>DBNDD2</i>	-0.029394048	0.023073333	0.641323056	1
Obesity	neutrophil	<i>DCAF16</i>	0.005526309	0.037874133	0.708116489	1
Obesity	neutrophil	<i>DCT</i>	-0.016396015	0.002878942	0.247153284	1
Obesity	neutrophil	<i>DCTN5</i>	-0.007776499	0.019809065	0.600514695	1
Obesity	neutrophil	<i>DDTL</i>	0.019508289	0.038360051	0.708116489	1
Obesity	neutrophil	<i>DDX31</i>	0.004483988	0.018106105	0.573690708	1
Obesity	neutrophil	<i>DEFB119</i>	0.021246995	0.027261289	0.672445564	1
Obesity	neutrophil	<i>DHX34</i>	-0.0039322	0.021777547	0.625732506	1
Obesity	neutrophil	<i>DIP2A</i>	0.003512862	0.038880585	0.708116489	1
Obesity	neutrophil	<i>DKKL1</i>	0.088342625	0.031252874	0.672445564	1
Obesity	neutrophil	<i>DLEC1</i>	0.007330646	0.02396728	0.648377998	1
Obesity	neutrophil	<i>DNAAF3</i>	-0.057256891	0.039495907	0.708670577	1
Obesity	neutrophil	<i>DNAJC12</i>	-0.018387762	0.00956214	0.429453983	1
Obesity	neutrophil	<i>DNAJC16</i>	0.005286754	0.003898837	0.281812784	1
Obesity	neutrophil	<i>DNAJC25</i>	0.010940299	0.009654824	0.429453983	1
Obesity	neutrophil	<i>DNAJC30</i>	0.02105434	0.000463336	0.1128101	1
Obesity	neutrophil	<i>DRAM1</i>	-0.00413369	0.000311267	0.089705995	1
Obesity	neutrophil	<i>DRD4</i>	-0.052704735	3.26E-05	0.018850758	0.150806062
Obesity	neutrophil	<i>DTX2</i>	0.008796997	0.003825563	0.281812784	1
Obesity	neutrophil	<i>DTYMK</i>	-0.011347284	0.013891809	0.544605989	1
Obesity	neutrophil	<i>DUSP23</i>	0.014455813	0.014407863	0.5554231	1
Obesity	neutrophil	<i>EBPL</i>	-0.006586584	0.007524415	0.382504892	1
Obesity	neutrophil	<i>ECHDC2</i>	-0.001716515	0.036796803	0.708116489	1
Obesity	neutrophil	<i>EFHB</i>	0.009848498	0.008086701	0.393779792	1
Obesity	neutrophil	<i>ELMO3</i>	-0.038446053	0.013426804	0.53545168	1
Obesity	neutrophil	<i>EMILIN3</i>	0.044499989	0.037569961	0.708116489	1
Obesity	neutrophil	<i>ENDOD1</i>	-0.009418701	0.029962326	0.672445564	1
Obesity	neutrophil	<i>EPCAM</i>	0.032238915	0.000167785	0.064681117	0.776173398
Obesity	neutrophil	<i>EPN3</i>	0.087029241	0.041069909	0.716941129	1
Obesity	neutrophil	<i>ERAP2</i>	-0.002868734	0.033567025	0.699464232	1
Obesity	neutrophil	<i>ERI3</i>	-0.003180729	0.047483986	0.761017709	1
Obesity	neutrophil	<i>F2RL1</i>	0.098432848	0.001300626	0.175298523	1
Obesity	neutrophil	<i>FADS2</i>	0.004835718	0.007084636	0.373480137	1
Obesity	neutrophil	<i>FAM181B</i>	0.049972698	0.023848331	0.648377998	1
Obesity	neutrophil	<i>FAM220A</i>	0.012060665	0.002192775	0.21582506	1
Obesity	neutrophil	<i>FAM32A</i>	0.016288324	0.033934808	0.700446463	1
Obesity	neutrophil	<i>FAM83B</i>	0.059360829	0.005673102	0.332025253	1
Obesity	neutrophil	<i>FANCA</i>	0.007593489	0.011147479	0.475864162	1
Obesity	neutrophil	<i>FARP2</i>	0.003028067	0.045705255	0.747331104	1
Obesity	neutrophil	<i>FBXO36</i>	0.007199926	0.022501014	0.635368742	1
Obesity	neutrophil	<i>FCRL3</i>	0.004481393	0.047594501	0.761017709	1
Obesity	neutrophil	<i>GABRR2</i>	-0.043060017	0.002879885	0.247153284	1
Obesity	neutrophil	<i>GBA2</i>	0.00696037	0.000760386	0.13529025	1
Obesity	neutrophil	<i>GCDH</i>	0.006476071	0.025842229	0.667855596	1
Obesity	neutrophil	<i>GCFC2</i>	-0.002100681	0.049915943	0.768040641	1
Obesity	neutrophil	<i>GGPS1</i>	-0.003619757	0.03924574	0.708670577	1
Obesity	neutrophil	<i>GHRL</i>	0.01019524	0.00157904	0.192227404	1

Obesity	neutrophil	<i>GLP1R</i>	-0.064509757	0.047707552	0.761017709	1
Obesity	neutrophil	<i>GNG10</i>	0.048519865	0.026928738	0.669743772	1
Obesity	neutrophil	<i>GNRHR</i>	0.016144718	0.003665125	0.281812784	1
Obesity	neutrophil	<i>GPR137B</i>	-0.00583254	0.000864863	0.148179936	1
Obesity	neutrophil	<i>GPR161</i>	-0.018237621	0.015212487	0.560159953	1
Obesity	neutrophil	<i>GTPBP10</i>	0.006206974	0.02291757	0.641323056	1
Obesity	neutrophil	<i>GUCA1B</i>	0.017774397	0.005741898	0.332025253	1
Obesity	neutrophil	<i>HAAO</i>	-0.009172728	4.25E-06	0.006759834	0.019653832
Obesity	neutrophil	<i>HAGH</i>	-0.002899904	0.043780523	0.733799639	1
Obesity	neutrophil	<i>HAR1A</i>	-0.056139192	0.002092872	0.211634467	1
Obesity	neutrophil	<i>HIP1</i>	0.001339304	0.04565692	0.747331104	1
Obesity	neutrophil	<i>HOXB2</i>	-0.008997487	0.020051728	0.600514695	1
Obesity	neutrophil	<i>HRCT1</i>	-0.037283933	0.022194818	0.633785366	1
Obesity	neutrophil	<i>HSD17B1</i>	-0.018769947	0.020550094	0.605507873	1
Obesity	neutrophil	<i>HSD17B11</i>	0.003215963	0.040704284	0.713250075	1
Obesity	neutrophil	<i>HSPA12A</i>	-0.003795651	0.029672688	0.672445564	1
Obesity	neutrophil	<i>HSPB7</i>	-0.035559124	0.005215602	0.327902086	1
Obesity	neutrophil	<i>ICAM5</i>	-0.027383757	0.016778381	0.561152167	1
Obesity	neutrophil	<i>IFITM2</i>	-0.006700144	0.008047745	0.393779792	1
Obesity	neutrophil	<i>IFT80</i>	0.005242689	0.000734011	0.13529025	1
Obesity	neutrophil	<i>IMPA2</i>	0.008276853	0.005328868	0.327902086	1
Obesity	neutrophil	<i>IRF5</i>	0.007397652	0.034969342	0.703002283	1
Obesity	neutrophil	<i>IRF6</i>	0.020643129	0.042315254	0.730263845	1
Obesity	neutrophil	<i>JSRP1</i>	-0.074909091	0.001950499	0.209837408	1
Obesity	neutrophil	<i>KCTD2</i>	-0.008457541	0.047136454	0.761017709	1
Obesity	neutrophil	<i>KHDC1</i>	-0.006057984	0.041286238	0.718008039	1
Obesity	neutrophil	<i>KNOP1</i>	0.007794941	0.011934574	0.501903075	1
Obesity	neutrophil	<i>KNSTRN</i>	0.011647804	0.021331583	0.616749405	1
Obesity	neutrophil	<i>KRIT1</i>	0.002912452	0.043480644	0.731423486	1
Obesity	neutrophil	<i>L3MBTL2</i>	-0.014433193	0.001942489	0.209837408	1
Obesity	neutrophil	<i>LCAT</i>	-0.00864449	0.003887543	0.281812784	1
Obesity	neutrophil	<i>LEMD2</i>	0.005446972	0.040349013	0.711147366	1
Obesity	neutrophil	<i>LGR5</i>	0.025351989	0.014906561	0.560159953	1
Obesity	neutrophil	<i>LHX4</i>	0.009294388	0.029445244	0.672445564	1
Obesity	neutrophil	<i>LINC00115</i>	-0.019947025	6.87E-06	0.006759834	0.031791307
Obesity	neutrophil	<i>LINC00987</i>	0.009562472	0.016019626	0.561152167	1
Obesity	neutrophil	<i>LMF1</i>	0.006040435	0.00210445	0.211634467	1
Obesity	neutrophil	<i>LRRC46</i>	-0.090611897	0.019874864	0.600514695	1
Obesity	neutrophil	<i>MAP3K7</i>	-0.005734412	0.02025082	0.600514695	1
Obesity	neutrophil	<i>MARVELD1</i>	0.005203977	0.043275959	0.731423486	1
Obesity	neutrophil	<i>MBLAC1</i>	-0.016767827	0.029103428	0.672445564	1
Obesity	neutrophil	<i>MED12L</i>	0.003744371	0.002940147	0.247293073	1
Obesity	neutrophil	<i>MICU2</i>	0.00231971	0.025409498	0.664092291	1
Obesity	neutrophil	<i>MIPEP</i>	-0.009311902	0.007104681	0.373480137	1
Obesity	neutrophil	<i>MOV10</i>	0.004992001	0.026583514	0.668344211	1
Obesity	neutrophil	<i>MRPL55</i>	0.017489902	0.000743832	0.13529025	1
Obesity	neutrophil	<i>MRPS10</i>	0.006998197	0.027388847	0.672445564	1
Obesity	neutrophil	<i>MSANTD4</i>	-0.022881613	0.000122006	0.056440073	0.564400731
Obesity	neutrophil	<i>MTF1</i>	0.005237856	0.032320152	0.683691346	1
Obesity	neutrophil	<i>MTMR3</i>	0.001523916	0.037845649	0.708116489	1
Obesity	neutrophil	<i>MXD3</i>	-0.02719939	0.004416953	0.30496753	1
Obesity	neutrophil	<i>NALCN</i>	-0.004411044	0.024651877	0.659188338	1

Obesity	neutrophil	<i>NCR3LG1</i>	-0.008189861	0.03420691	0.700446463		1
Obesity	neutrophil	<i>NDE1</i>	-0.003684106	0.018678422	0.58779849		1
Obesity	neutrophil	<i>NDUFA3</i>	-0.009792053	6.40E-05	0.032903655	0.296132891	
Obesity	neutrophil	<i>NDUFA6</i>	0.017423094	0.00259229	0.239838681		1
Obesity	neutrophil	<i>NDUFAF4</i>	-0.006402073	0.046629687	0.756873452		1
Obesity	neutrophil	<i>NDUFS8</i>	0.00772934	0.016188696	0.561152167		1
Obesity	neutrophil	<i>NMB</i>	0.009579864	0.043068565	0.731423486		1
Obesity	neutrophil	<i>NSUN2</i>	0.006162072	0.005387064	0.327902086		1
Obesity	neutrophil	<i>NSUN3</i>	0.003302061	0.002100479	0.211634467		1
Obesity	neutrophil	<i>NYAP1</i>	0.033861552	0.016666345	0.561152167		1
Obesity	neutrophil	<i>ORAI3</i>	-0.016792075	0.036773917	0.708116489		1
Obesity	neutrophil	<i>OSM</i>	-0.092553703	0.025676031	0.667288318		1
Obesity	neutrophil	<i>OTOF</i>	0.093411525	0.000960936	0.148365503		1
Obesity	neutrophil	<i>OXGR1</i>	-0.057508471	0.045621046	0.747331104		1
Obesity	neutrophil	<i>P2RY12</i>	0.00406252	0.033944255	0.700446463		1
Obesity	neutrophil	<i>PAK4</i>	-0.009098962	0.034664405	0.703002283		1
Obesity	neutrophil	<i>PAXIP1-ASI</i>	-0.008692577	0.006503874	0.362493014		1
Obesity	neutrophil	<i>PBLD</i>	-0.00861711	0.028102747	0.672445564		1
Obesity	neutrophil	<i>PCDHA3</i>	0.211552066	0.000329659	0.089705995		1
Obesity	neutrophil	<i>PCDHB2</i>	0.044912211	0.049998369	0.768040641		1
Obesity	neutrophil	<i>PCDHB4</i>	-0.019912527	0.014846034	0.560159953		1
Obesity	neutrophil	<i>PCDHGA1</i>	-0.021761499	0.029503235	0.672445564		1
Obesity	neutrophil	<i>PCGF2</i>	-0.009631683	0.019759774	0.600514695		1
Obesity	neutrophil	<i>PDCD1</i>	0.056420019	0.003746693	0.281812784		1
Obesity	neutrophil	<i>PDE1B</i>	0.006017343	0.047496075	0.761017709		1
Obesity	neutrophil	<i>PDLIM4</i>	0.034886437	0.031126315	0.672445564		1
Obesity	neutrophil	<i>PGP</i>	0.0054848	0.030529461	0.672445564		1
Obesity	neutrophil	<i>PHYH</i>	-0.005896182	0.026320294	0.668121106		1
Obesity	neutrophil	<i>PIF1</i>	0.035357826	0.018076121	0.573690708		1
Obesity	neutrophil	<i>PIGO</i>	-0.018326026	5.38E-06	0.006759834	0.024872542	
Obesity	neutrophil	<i>PIP5KL1</i>	-0.027190116	0.001745021	0.201811655		1
Obesity	neutrophil	<i>PKD2L1</i>	0.039201789	0.013201461	0.53545168		1
Obesity	neutrophil	<i>PNMT</i>	-0.061886757	0.038794722	0.708116489		1
Obesity	neutrophil	<i>POC5</i>	0.012571925	0.001255737	0.175298523		1
Obesity	neutrophil	<i>POGLUT1</i>	0.006152249	0.025314112	0.664092291		1
Obesity	neutrophil	<i>PPWD1</i>	-0.002192358	0.049349924	0.767644437		1
Obesity	neutrophil	<i>PSMD13</i>	0.006131918	0.0207009	0.606090921		1
Obesity	neutrophil	<i>R3HCC1</i>	-0.01154015	0.01059162	0.457914342		1
Obesity	neutrophil	<i>RAB3A</i>	-0.080869647	0.005064305	0.327902086		1
Obesity	neutrophil	<i>RABL2B</i>	0.005776244	0.043430166	0.731423486		1
Obesity	neutrophil	<i>RBBP9</i>	-0.014930302	0.016526816	0.561152167		1
Obesity	neutrophil	<i>RCN2</i>	-0.004741601	0.048507916	0.766314752		1
Obesity	neutrophil	<i>RELL2</i>	-0.010904834	0.026816062	0.669743772		1
Obesity	neutrophil	<i>RGCC</i>	0.005080793	0.000440748	0.1128101		1
Obesity	neutrophil	<i>RGPI</i>	-0.008729813	0.015572236	0.560159953		1
Obesity	neutrophil	<i>RGPD8</i>	0.021221466	0.01358659	0.537192867		1
Obesity	neutrophil	<i>RGS22</i>	-0.005608984	0.000675404	0.13529025		1
Obesity	neutrophil	<i>RHCE</i>	0.031474071	0.015982786	0.561152167		1
Obesity	neutrophil	<i>RHPN1</i>	-0.056896921	0.000630283	0.13529025		1
Obesity	neutrophil	<i>RMI2</i>	0.013128189	0.038159718	0.708116489		1
Obesity	neutrophil	<i>RNF157</i>	0.008029871	0.024517794	0.659188338		1
Obesity	neutrophil	<i>RPS13</i>	-0.000843958	0.030481149	0.672445564		1

Obesity	neutrophil	<i>RPS6KB2</i>	0.007884246	0.029218359	0.672445564	1
Obesity	neutrophil	<i>RSU1</i>	0.002058799	0.008930679	0.417306264	1
Obesity	neutrophil	<i>SI00A3</i>	-0.104391611	0.000191854	0.068270416	0.88751541
Obesity	neutrophil	<i>SAMD1</i>	0.013372903	0.015225702	0.560159953	1
Obesity	neutrophil	<i>SARS2</i>	-0.03577096	0.038755419	0.708116489	1
Obesity	neutrophil	<i>SC5D</i>	0.01178358	0.004234881	0.301393216	1
Obesity	neutrophil	<i>SCPEP1</i>	0.005182564	0.007040295	0.373480137	1
Obesity	neutrophil	<i>SDSL</i>	0.019147057	0.001326297	0.175298523	1
Obesity	neutrophil	<i>SEMA7A</i>	-0.025391689	0.036253206	0.708116489	1
Obesity	neutrophil	<i>SF3B3</i>	0.003305008	0.035342514	0.703002283	1
Obesity	neutrophil	<i>SGSH</i>	0.010055888	0.005248553	0.327902086	1
Obesity	neutrophil	<i>SGTA</i>	-0.014826234	0.016953923	0.561152167	1
Obesity	neutrophil	<i>SH2D4B</i>	0.069053772	0.039618003	0.708670577	1
Obesity	neutrophil	<i>SIGLEC7</i>	0.017895278	0.012623036	0.526073559	1
Obesity	neutrophil	<i>SIRT3</i>	-0.006253184	0.035408459	0.703002283	1
Obesity	neutrophil	<i>SLAIN2</i>	0.004601048	0.005701614	0.332025253	1
Obesity	neutrophil	<i>SLC12A2</i>	-0.001763532	0.039830166	0.708670577	1
Obesity	neutrophil	<i>SLC12A4</i>	-0.007139633	0.000257955	0.079553329	1
Obesity	neutrophil	<i>SLC25A34</i>	-0.025312875	0.008340627	0.398983932	1
Obesity	neutrophil	<i>SLC25A51</i>	0.036592998	0.019126876	0.593831748	1
Obesity	neutrophil	<i>SLC26A10</i>	-0.018106047	0.015620543	0.560159953	1
Obesity	neutrophil	<i>SLC35B4</i>	-0.007917034	0.010253921	0.447496606	1
Obesity	neutrophil	<i>SLC35E2</i>	0.010299967	0.039366573	0.708670577	1
Obesity	neutrophil	<i>SLC35E2B</i>	-0.008314828	7.31E-06	0.006759834	0.033799169
Obesity	neutrophil	<i>SLC37A4</i>	0.025175478	0.002524969	0.238377677	1
Obesity	neutrophil	<i>SLC4A1AP</i>	0.006405513	0.009061346	0.419177882	1
Obesity	neutrophil	<i>SLC52A2</i>	0.005077999	0.042622403	0.730263845	1
Obesity	neutrophil	<i>SLFN11</i>	-0.008606574	1.72E-06	0.006759834	0.007954964
Obesity	neutrophil	<i>SMIM19</i>	-0.003040801	0.028455937	0.672445564	1
Obesity	neutrophil	<i>SMIM6</i>	-0.094855347	0.029012041	0.672445564	1
Obesity	neutrophil	<i>SPAG5</i>	-0.066633616	0.037926788	0.708116489	1
Obesity	neutrophil	<i>SPAG7</i>	0.006127887	0.043297542	0.731423486	1
Obesity	neutrophil	<i>SPATA24</i>	-0.030870668	0.040072514	0.710250763	1
Obesity	neutrophil	<i>SRRT</i>	0.007222767	0.007853739	0.390660181	1
Obesity	neutrophil	<i>SUCLA2</i>	-0.002655816	0.049681364	0.768040641	1
Obesity	neutrophil	<i>TAF1B</i>	-0.005045548	0.030189341	0.672445564	1
Obesity	neutrophil	<i>TAS2R31</i>	-0.054890511	0.028587127	0.672445564	1
Obesity	neutrophil	<i>TAS2R4</i>	0.012645568	0.031958399	0.681288272	1
Obesity	neutrophil	<i>TBC1D4</i>	0.002425381	0.028021059	0.672445564	1
Obesity	neutrophil	<i>TBL2</i>	0.01867087	0.037161398	0.708116489	1
Obesity	neutrophil	<i>TFPT</i>	0.008428699	0.026430212	0.668121106	1
Obesity	neutrophil	<i>TFR2</i>	0.019579846	9.64E-06	0.007431186	0.044587115
Obesity	neutrophil	<i>TMC4</i>	-0.017305986	0.000510164	0.118000829	1
Obesity	neutrophil	<i>TMEM116</i>	-0.005685339	0.01281064	0.529125172	1
Obesity	neutrophil	<i>TMEM56</i>	0.013163168	0.030400907	0.672445564	1
Obesity	neutrophil	<i>TMEM8B</i>	-0.008193018	0.006123177	0.345436811	1
Obesity	neutrophil	<i>TMEM99</i>	0.039231227	0.000249306	0.079553329	1
Obesity	neutrophil	<i>TOX3</i>	0.074121335	0.017049922	0.561152167	1
Obesity	neutrophil	<i>TRLAPI</i>	-0.011904111	0.025220976	0.664092291	1
Obesity	neutrophil	<i>TRIM7</i>	0.032385331	0.00192749	0.209837408	1
Obesity	neutrophil	<i>TRIM73</i>	0.090488583	0.014227033	0.553060947	1
Obesity	neutrophil	<i>TRMT10B</i>	-0.003194548	0.040430557	0.711147366	1

Obesity	neutrophil	<i>TSLP</i>	0.014361481	0.049114212	0.767644437	1
Obesity	neutrophil	<i>TSR3</i>	-0.008122813	0.004675545	0.313464811	1
Obesity	neutrophil	<i>TTC12</i>	0.007822618	0.013339966	0.53545168	1
Obesity	neutrophil	<i>TTC9C</i>	-0.008924859	0.005103599	0.327902086	1
Obesity	neutrophil	<i>UBA52</i>	0.002847904	0.023296166	0.641476565	1
Obesity	neutrophil	<i>UPK3B</i>	0.004539166	0.01950786	0.600514695	1
Obesity	neutrophil	<i>UTS2</i>	-0.016304945	0.016782335	0.561152167	1
Obesity	neutrophil	<i>VAMP4</i>	0.003866654	0.014608056	0.558486517	1
Obesity	neutrophil	<i>VEPH1</i>	0.014264673	0.042123403	0.72982345	1
Obesity	neutrophil	<i>WDFY4</i>	0.001926944	0.028233856	0.672445564	1
Obesity	neutrophil	<i>WIPF1</i>	0.001489951	0.031131475	0.672445564	1
Obesity	neutrophil	<i>XRCC5</i>	-0.002333205	0.036423701	0.708116489	1
Obesity	neutrophil	<i>YPEL3</i>	0.004071671	0.045718699	0.747331104	1
Obesity	neutrophil	<i>ZBTB20</i>	-0.000680132	0.015563149	0.560159953	1
Obesity	neutrophil	<i>ZBTB22</i>	-0.035503147	0.001637073	0.194182043	1
Obesity	neutrophil	<i>ZNF23</i>	-0.03941958	0.015906082	0.561152167	1
Obesity	neutrophil	<i>ZNF264</i>	0.005417741	0.001232294	0.175298523	1
Obesity	neutrophil	<i>ZNF343</i>	-0.023555691	0.005233325	0.327902086	1
Obesity	neutrophil	<i>ZNF432</i>	0.009246578	0.042547836	0.730263845	1
Obesity	neutrophil	<i>ZNF470</i>	0.019544122	0.002885058	0.247153284	1
Obesity	neutrophil	<i>ZNF493</i>	-0.004620207	0.038784961	0.708116489	1
Obesity	neutrophil	<i>ZNF575</i>	0.025081907	0.009789472	0.431296167	1
Obesity	neutrophil	<i>ZNF613</i>	-0.021824599	0.032514504	0.683691346	1
Obesity	neutrophil	<i>ZNF660</i>	0.015439068	0.031951386	0.681288272	1
Obesity	neutrophil	<i>ZNF71</i>	0.027898171	0.000159624	0.064681117	0.738422677
Obesity	neutrophil	<i>ZNF846</i>	0.001868759	0.046203431	0.75259532	1
Obesity	neutrophil	<i>ZNF90</i>	0.019407405	0.03082357	0.672445564	1
Obesity	neutrophil	<i>ZSCAN18</i>	0.004003998	0.007260675	0.377391957	1
Obesity	neutrophil	<i>HLA-DOB</i>	-0.020124869	0.032909501	0.688865854	1
Obesity	neutrophil	<i>PCDH10</i>	-0.027706791	0.0009167	0.148365503	1
Obesity	neutrophil	<i>PROKR1</i>	0.108797265	0.007351743	0.377879595	1
Obesity	neutrophil	<i>REG3G</i>	0.044007388	0.037073805	0.708116489	1
Obesity	neutrophil	<i>RPRML</i>	0.045041613	0.029156056	0.672445564	1
Obesity	neutrophil	<i>SERPINA3</i>	0.00572474	0.021289695	0.616749405	1
Obesity	neutrophil	<i>SYT3</i>	0.007756125	0.00885829	0.417306264	1
Obesity	neutrophil	<i>TTC24</i>	0.009341875	0.000692854	0.13529025	1
Obesity	neutrophil	<i>VGLL2</i>	-0.00901096	0.032446751	0.683691346	1
Obesity	neutrophil	<i>OR52N5</i>	-0.013091617	0.02605715	0.668121106	1
Obesity	neutrophil	<i>H3F3C</i>	0.050347139	0.035135272	0.703002283	1
Obesity	neutrophil	<i>P2RX2</i>	-0.083067664	0.035650458	0.704782128	1
Obesity	neutrophil	<i>APOBEC3B</i>	-0.00736058	0.045693744	0.747331104	1
Obesity	neutrophil	<i>FAM25A</i>	0.011611779	0.009330401	0.423161145	1
Obesity	neutrophil	<i>LINC00364</i>	-0.025497184	0.001441395	0.180213317	1
Obesity	nk_cell	<i>ABCA7</i>	0.018324073	0.000829185	0.10094233	1
Obesity	nk_cell	<i>AC004466.1</i>	-0.078079836	0.014156892	0.403058408	1
Obesity	nk_cell	<i>AC005082.1</i>	-0.04574202	4.73E-05	0.018377872	0.218689016
Obesity	nk_cell	<i>ACP2</i>	0.010975807	0.02410745	0.513921947	1
Obesity	nk_cell	<i>ADD3</i>	0.001778259	0.005506329	0.260536169	1
Obesity	nk_cell	<i>ADH4</i>	-0.010783816	0.002243323	0.152611939	1
Obesity	nk_cell	<i>ADRA2B</i>	-0.062541433	2.01E-05	0.013312315	0.093034756
Obesity	nk_cell	<i>AEBP1</i>	-0.003254946	0.007611852	0.306195008	1
Obesity	nk_cell	<i>AIM2</i>	0.007687438	0.001069306	0.101229986	1

Obesity	nk_cell	<i>ALG12</i>	-0.004892973	0.032742041	0.605442898	1
Obesity	nk_cell	<i>AMZ2</i>	0.010352078	0.034949086	0.624225757	1
Obesity	nk_cell	<i>ANKLE1</i>	-0.034268567	0.028377608	0.564342705	1
Obesity	nk_cell	<i>ANKRD36B</i>	-0.004149419	0.013983471	0.403058408	1
Obesity	nk_cell	<i>AP001172.2</i>	-0.084829384	0.019683482	0.482166712	1
Obesity	nk_cell	<i>AP2S1</i>	-0.003985884	0.01896453	0.482166712	1
Obesity	nk_cell	<i>AP4M1</i>	-0.010218425	0.000528086	0.081430818	1
Obesity	nk_cell	<i>API5</i>	-0.005197398	0.008909529	0.327107003	1
Obesity	nk_cell	<i>ARHGAP9</i>	-0.004555933	0.048148458	0.693877774	1
Obesity	nk_cell	<i>ARL1</i>	-0.007565585	0.000902608	0.101229986	1
Obesity	nk_cell	<i>ARL6IP1</i>	0.00706415	0.038655168	0.64190481	1
Obesity	nk_cell	<i>ARL6IP4</i>	-0.068192031	0.044929681	0.667495607	1
Obesity	nk_cell	<i>ASPG</i>	-0.094391571	0.008275044	0.316366564	1
Obesity	nk_cell	<i>ATP6V1D</i>	-0.003955374	0.010306056	0.358464761	1
Obesity	nk_cell	<i>ATRIP</i>	-0.021395991	0.044631164	0.667495607	1
Obesity	nk_cell	<i>ATXN10</i>	0.002201697	0.001296678	0.10711486	1
Obesity	nk_cell	<i>C14orf37</i>	-0.002201855	0.005732182	0.265170751	1
Obesity	nk_cell	<i>C5orf17</i>	-0.005346499	0.019343982	0.482166712	1
Obesity	nk_cell	<i>C5orf63</i>	-0.020998304	0.005190782	0.255452758	1
Obesity	nk_cell	<i>C6orf163</i>	-0.025188121	0.043974781	0.666662774	1
Obesity	nk_cell	<i>C7orf25</i>	-0.064597473	0.001072592	0.101229986	1
Obesity	nk_cell	<i>C8orf33</i>	0.007596409	0.022522463	0.508124279	1
Obesity	nk_cell	<i>CACFD1</i>	-0.045431874	0.008683355	0.323945171	1
Obesity	nk_cell	<i>CACNA1A</i>	-0.004759272	0.023919118	0.51387481	1
Obesity	nk_cell	<i>CALML4</i>	-0.036878954	0.027997369	0.560674591	1
Obesity	nk_cell	<i>CALML6</i>	-0.088988321	0.037463372	0.64190481	1
Obesity	nk_cell	<i>CC2D1B</i>	0.010342067	0.035669245	0.627398957	1
Obesity	nk_cell	<i>CCDC114</i>	0.047601763	0.006401045	0.282011738	1
Obesity	nk_cell	<i>CCDC153</i>	0.033748787	0.044375386	0.667398369	1
Obesity	nk_cell	<i>CCDC154</i>	0.015240572	0.001172325	0.102324079	1
Obesity	nk_cell	<i>CCDC36</i>	-0.009256519	0.004082859	0.217095461	1
Obesity	nk_cell	<i>CCDC78</i>	-0.07355194	0.03998946	0.648191675	1
Obesity	nk_cell	<i>CCDC8</i>	-0.058941098	0.00065703	0.086840577	1
Obesity	nk_cell	<i>CD207</i>	-0.069349997	0.000703232	0.090365339	1
Obesity	nk_cell	<i>CD59</i>	0.003460567	0.036873272	0.638860515	1
Obesity	nk_cell	<i>CDC6</i>	-0.017604093	0.040746011	0.648191675	1
Obesity	nk_cell	<i>CEP104</i>	0.00697279	0.001104339	0.101229986	1
Obesity	nk_cell	<i>CER1</i>	-0.018163018	0.019801919	0.482166712	1
Obesity	nk_cell	<i>CHDH</i>	-0.021551911	0.031152864	0.589658982	1
Obesity	nk_cell	<i>CHST8</i>	0.019415229	0.038502069	0.64190481	1
Obesity	nk_cell	<i>CISD2</i>	0.004176131	0.01224469	0.390647831	1
Obesity	nk_cell	<i>CLEC18A</i>	-0.036796171	0.019393187	0.482166712	1
Obesity	nk_cell	<i>CLEC3B</i>	-0.020033212	0.001517748	0.11352715	1
Obesity	nk_cell	<i>CLUAP1</i>	0.00775709	0.007453167	0.302441666	1
Obesity	nk_cell	<i>CLYBL</i>	0.004565387	0.000327739	0.060644845	1
Obesity	nk_cell	<i>CMPK1</i>	0.005462004	0.00042296	0.072467218	1
Obesity	nk_cell	<i>CNIH1</i>	-0.004201668	0.012662759	0.396095407	1
Obesity	nk_cell	<i>COQ7</i>	-0.008892994	0.021209367	0.496840968	1
Obesity	nk_cell	<i>CROCC</i>	-0.004675677	0.044098316	0.666662774	1
Obesity	nk_cell	<i>CTNND2</i>	0.016264401	0.000307041	0.059182104	1
Obesity	nk_cell	<i>CXCR6</i>	0.018026077	0.002831859	0.177029442	1
Obesity	nk_cell	<i>CYP2E1</i>	-0.054806615	0.00098664	0.101229986	1

Obesity	nk_cell	<i>CYP2U1</i>	-0.017073308	0.003173052	0.189773428	1
Obesity	nk_cell	<i>DALRD3</i>	-0.007301157	0.006469137	0.282206105	1
Obesity	nk_cell	<i>DAP</i>	0.00804381	0.000144465	0.039311503	0.668295558
Obesity	nk_cell	<i>DCLK3</i>	-0.13299115	0.005340085	0.26003402	1
Obesity	nk_cell	<i>DCN</i>	0.000911977	0.013126465	0.402139262	1
Obesity	nk_cell	<i>DCSTAMP</i>	-0.105317014	0.006542051	0.282206105	1
Obesity	nk_cell	<i>DDX31</i>	-0.003820395	0.045523109	0.672811196	1
Obesity	nk_cell	<i>DHX34</i>	-0.003638283	0.036863827	0.638860515	1
Obesity	nk_cell	<i>DNAJC12</i>	-0.021317327	0.0026812	0.177029442	1
Obesity	nk_cell	<i>DNAJC25</i>	0.0094682	0.025869346	0.534248189	1
Obesity	nk_cell	<i>DNPEP</i>	0.010167829	0.013826623	0.403058408	1
Obesity	nk_cell	<i>DRD4</i>	0.026451091	0.039363592	0.643448676	1
Obesity	nk_cell	<i>DUSP8</i>	-0.026143477	0.003101315	0.18877212	1
Obesity	nk_cell	<i>EBPL</i>	-0.005108947	0.039114451	0.643448676	1
Obesity	nk_cell	<i>EFHB</i>	0.008658477	0.020319613	0.487039006	1
Obesity	nk_cell	<i>EIF2B2</i>	-0.009316074	0.042558498	0.660656418	1
Obesity	nk_cell	<i>EIF2B3</i>	-0.002855682	0.007283689	0.298878709	1
Obesity	nk_cell	<i>ELP4</i>	0.004019402	0.009445787	0.3387303	1
Obesity	nk_cell	<i>ENDOG</i>	-0.035818986	0.000274786	0.057779994	1
Obesity	nk_cell	<i>EPN3</i>	-0.099529837	0.020012107	0.482166712	1
Obesity	nk_cell	<i>ERI3</i>	0.003205044	0.046169638	0.680193464	1
Obesity	nk_cell	<i>ESPNL</i>	-0.100655435	3.68E-05	0.018377872	0.170269401
Obesity	nk_cell	<i>EVPLL</i>	-0.11131298	0.00059571	0.082590446	1
Obesity	nk_cell	<i>EXOSC10</i>	0.008308989	0.0120879	0.390647831	1
Obesity	nk_cell	<i>EXOSC4</i>	-0.013325992	0.023994155	0.51387481	1
Obesity	nk_cell	<i>EZH1</i>	0.00737719	6.95E-05	0.024735995	0.321567932
Obesity	nk_cell	<i>F2RL1</i>	-0.064740747	0.035360952	0.624643341	1
Obesity	nk_cell	<i>FAM111A</i>	-0.006482881	4.52E-05	0.018377872	0.209012914
Obesity	nk_cell	<i>FAM118A</i>	-0.006228363	0.02575811	0.534248189	1
Obesity	nk_cell	<i>FAM196B</i>	0.002647415	0.015918017	0.428778834	1
Obesity	nk_cell	<i>FAM220A</i>	-0.010028544	0.011176507	0.371960583	1
Obesity	nk_cell	<i>FAM228A</i>	-0.061471622	0.028554406	0.564342705	1
Obesity	nk_cell	<i>FAM72B</i>	-0.01377709	0.048724654	0.697833591	1
Obesity	nk_cell	<i>FAM83B</i>	0.064522174	0.002744603	0.177029442	1
Obesity	nk_cell	<i>FBF1</i>	-0.00707608	0.0035357	0.204451876	1
Obesity	nk_cell	<i>FDPS</i>	-0.004664289	0.000583427	0.082590446	1
Obesity	nk_cell	<i>FGF17</i>	-0.078193612	0.038714103	0.64190481	1
Obesity	nk_cell	<i>FIGLA</i>	-0.028242068	0.005519357	0.260536169	1
Obesity	nk_cell	<i>FLCN</i>	0.007158698	0.031611636	0.589658982	1
Obesity	nk_cell	<i>FLVCRI-AS1</i>	-0.009245886	0.021044754	0.496699143	1
Obesity	nk_cell	<i>FMOD</i>	-0.010104661	0.03408099	0.615854141	1
Obesity	nk_cell	<i>FOXRED2</i>	-0.013455663	0.04168006	0.655822989	1
Obesity	nk_cell	<i>FXYD2</i>	-0.036623894	0.023854709	0.51387481	1
Obesity	nk_cell	<i>GCDH</i>	-0.009066489	0.001899956	0.135218379	1
Obesity	nk_cell	<i>GFER</i>	-0.032437266	0.012757937	0.396095407	1
Obesity	nk_cell	<i>GGPS1</i>	-0.003807908	0.030246806	0.586484306	1
Obesity	nk_cell	<i>GHRL</i>	-0.008070325	0.012888562	0.397483263	1
Obesity	nk_cell	<i>GIMAP5</i>	-0.02266501	6.59E-06	0.007626124	0.030504497
Obesity	nk_cell	<i>GLI4</i>	-0.014682674	0.013875948	0.403058408	1
Obesity	nk_cell	<i>GM2A</i>	-0.006254024	0.045019159	0.667495607	1
Obesity	nk_cell	<i>GPAT2</i>	-0.036216752	0.032311928	0.600301111	1
Obesity	nk_cell	<i>GPX7</i>	0.008992392	0.01380208	0.403058408	1

Obesity	nk_cell	<i>GTRP1</i>	-0.011242889	0.00269672	0.177029442	1
Obesity	nk_cell	<i>GS1-124K5.4</i>	-0.016194839	0.01666585	0.443081729	1
Obesity	nk_cell	<i>GSDMC</i>	0.079672743	0.007946724	0.313610258	1
Obesity	nk_cell	<i>GXYLT1</i>	-0.006130756	0.003199811	0.189773428	1
Obesity	nk_cell	<i>HAGH</i>	0.00305129	0.03457108	0.6220611	1
Obesity	nk_cell	<i>HAGHL</i>	-0.030741356	0.0250758	0.529683338	1
Obesity	nk_cell	<i>HDDC3</i>	0.015589336	0.002831013	0.177029442	1
Obesity	nk_cell	<i>HKDC1</i>	0.055526264	0.001043268	0.101229986	1
Obesity	nk_cell	<i>HMBS</i>	0.020917589	0.017634344	0.458294797	1
Obesity	nk_cell	<i>HOXD1</i>	-0.081203267	0.022097748	0.504171876	1
Obesity	nk_cell	<i>ICAM5</i>	0.028719626	0.012544083	0.396095407	1
Obesity	nk_cell	<i>IFITM1</i>	-0.045097616	0.014067937	0.403058408	1
Obesity	nk_cell	<i>IFNAR1</i>	0.004247256	0.025222911	0.529949964	1
Obesity	nk_cell	<i>IFT74</i>	-0.006746137	4.48E-06	0.006902137	0.020706411
Obesity	nk_cell	<i>IFT80</i>	-0.004401993	0.004899283	0.249055857	1
Obesity	nk_cell	<i>IGHMBP2</i>	-0.007026019	0.043723003	0.666662774	1
Obesity	nk_cell	<i>IL10RB</i>	-0.004053886	0.044435516	0.667398369	1
Obesity	nk_cell	<i>IQCH-AS1</i>	0.004650207	0.002185722	0.150912699	1
Obesity	nk_cell	<i>ISLR2</i>	-0.035090743	0.043881081	0.666662774	1
Obesity	nk_cell	<i>ITGA2</i>	-0.009610322	0.03790643	0.64190481	1
Obesity	nk_cell	<i>ITGA2B</i>	-0.04117383	0.00420296	0.220941968	1
Obesity	nk_cell	<i>ITGAV</i>	0.003599446	0.001748411	0.128383298	1
Obesity	nk_cell	<i>JMJD8</i>	-0.014519162	0.022124274	0.504171876	1
Obesity	nk_cell	<i>KCNK1</i>	-0.011015902	0.040527772	0.648191675	1
Obesity	nk_cell	<i>KCNS3</i>	-0.013097511	1.17E-05	0.01081741	0.054087049
Obesity	nk_cell	<i>KCTD2</i>	-0.011537896	0.006800193	0.285979037	1
Obesity	nk_cell	<i>KLRG1</i>	0.002406871	0.030762886	0.588054181	1
Obesity	nk_cell	<i>KRT27</i>	-0.117693744	0.007300755	0.298878709	1
Obesity	nk_cell	<i>L3MBTL2</i>	0.010045116	0.031374021	0.589658982	1
Obesity	nk_cell	<i>LGR5</i>	-0.02078523	0.04661083	0.682041411	1
Obesity	nk_cell	<i>LINC00702</i>	-0.005886703	0.047322145	0.686245274	1
Obesity	nk_cell	<i>LINC00942</i>	-0.030275522	0.049403541	0.703202399	1
Obesity	nk_cell	<i>LINGO4</i>	0.076002932	0.030017172	0.585904807	1
Obesity	nk_cell	<i>LRRC36</i>	0.022039773	0.011317181	0.373951988	1
Obesity	nk_cell	<i>MAN2C1</i>	0.003322756	0.01594249	0.428778834	1
Obesity	nk_cell	<i>MAP3K7</i>	0.005039218	0.042350529	0.659641576	1
Obesity	nk_cell	<i>MAPK8IP1</i>	-0.057135678	0.006091058	0.273565372	1
Obesity	nk_cell	<i>MAPK9</i>	-0.008240592	0.023533523	0.51387481	1
Obesity	nk_cell	<i>MGAT3</i>	-0.035291686	0.000515568	0.081430818	1
Obesity	nk_cell	<i>MIEF2</i>	-0.015426993	0.008236991	0.316366564	1
Obesity	nk_cell	<i>MIER1</i>	0.00304577	0.03816014	0.64190481	1
Obesity	nk_cell	<i>MIPEP</i>	-0.007694491	0.026687412	0.543858879	1
Obesity	nk_cell	<i>MOCS2</i>	-0.015449384	0.001098855	0.101229986	1
Obesity	nk_cell	<i>MOV10</i>	-0.007249989	0.001394166	0.113147541	1
Obesity	nk_cell	<i>MOV10L1</i>	-0.018907873	0.020559904	0.489075151	1
Obesity	nk_cell	<i>MPHOSPH6</i>	-0.005743438	0.00060702	0.082590446	1
Obesity	nk_cell	<i>MRPL20</i>	-0.004647089	0.008520469	0.320452766	1
Obesity	nk_cell	<i>MRPL21</i>	0.007202094	0.043516325	0.666577876	1
Obesity	nk_cell	<i>MRPS15</i>	-0.011674161	0.027825026	0.560674591	1
Obesity	nk_cell	<i>MTMR10</i>	0.005957433	0.000774964	0.096891435	1
Obesity	nk_cell	<i>MTMR3</i>	0.002381421	0.001263159	0.106243121	1
Obesity	nk_cell	<i>NARFL</i>	-0.012640438	0.001515334	0.11352715	1

Obesity	nk_cell	<i>NBPF15</i>	0.007154088	0.005147275	0.255452758	1
Obesity	nk_cell	<i>NCR3LG1</i>	-0.007957996	0.040774703	0.648191675	1
Obesity	nk_cell	<i>NDUFAF4</i>	0.00752136	0.020616008	0.489075151	1
Obesity	nk_cell	<i>NECAP2</i>	0.003287571	0.031432244	0.589658982	1
Obesity	nk_cell	<i>NFE2L2</i>	0.003483457	0.010624373	0.364061846	1
Obesity	nk_cell	<i>NIM1K</i>	-0.072044194	0.046737382	0.682041411	1
Obesity	nk_cell	<i>NME1</i>	-0.008057346	0.04211347	0.659143803	1
Obesity	nk_cell	<i>NME4</i>	0.011199545	0.019799585	0.482166712	1
Obesity	nk_cell	<i>NRXN2</i>	-0.016166303	0.040678929	0.648191675	1
Obesity	nk_cell	<i>NSUN3</i>	-0.002599277	0.01539634	0.423759502	1
Obesity	nk_cell	<i>NT5M</i>	-0.013570063	0.013531373	0.403058408	1
Obesity	nk_cell	<i>NUDT14</i>	-0.046550134	0.000371885	0.066166986	1
Obesity	nk_cell	<i>NUDT18</i>	0.028611053	0.037239511	0.64190481	1
Obesity	nk_cell	<i>NUP54</i>	0.00546294	0.019977925	0.482166712	1
Obesity	nk_cell	<i>NUP85</i>	0.006645225	0.001961833	0.137506636	1
Obesity	nk_cell	<i>OR7D2</i>	-0.101170566	0.011122349	0.371960583	1
Obesity	nk_cell	<i>OTOGL</i>	-0.02563134	0.010809417	0.366204533	1
Obesity	nk_cell	<i>OXGR1</i>	-0.085910054	0.002967412	0.183030003	1
Obesity	nk_cell	<i>PAOX</i>	0.010853061	0.016983826	0.446746143	1
Obesity	nk_cell	<i>PAQR6</i>	-0.082074838	0.025432099	0.529949964	1
Obesity	nk_cell	<i>PARP15</i>	0.001984219	0.04960107	0.703848312	1
Obesity	nk_cell	<i>PARP6</i>	-0.002854507	0.040312755	0.648191675	1
Obesity	nk_cell	<i>PAX6</i>	0.034844085	0.00908925	0.328536025	1
Obesity	nk_cell	<i>PBLD</i>	-0.019884548	4.46E-07	0.002065123	0.002065123
Obesity	nk_cell	<i>PCDHB4</i>	0.022329924	0.006707146	0.284653751	1
Obesity	nk_cell	<i>PDE11A</i>	-0.068329554	0.00406436	0.217095461	1
Obesity	nk_cell	<i>PDE6C</i>	0.012608716	0.038222109	0.64190481	1
Obesity	nk_cell	<i>PDLIM4</i>	0.048652752	0.002775478	0.177029442	1
Obesity	nk_cell	<i>PDZD2</i>	-0.001248891	0.022808563	0.508124279	1
Obesity	nk_cell	<i>PEPD</i>	0.004966557	2.01E-05	0.013312315	0.093186207
Obesity	nk_cell	<i>PES1</i>	-0.005339065	0.032850447	0.605442898	1
Obesity	nk_cell	<i>PEX1</i>	0.007865393	0.018581381	0.480209314	1
Obesity	nk_cell	<i>PHYH</i>	-0.007420809	0.005486036	0.260536169	1
Obesity	nk_cell	<i>PIGO</i>	-0.010878293	0.007193613	0.298878709	1
Obesity	nk_cell	<i>PLA2G10</i>	-0.017539127	0.046433529	0.681909534	1
Obesity	nk_cell	<i>PLCD3</i>	0.019616329	1.24E-06	0.002868109	0.005736219
Obesity	nk_cell	<i>PLEK2</i>	-0.019266354	0.000207047	0.047889991	0.957799821
Obesity	nk_cell	<i>PPP1R14B</i>	0.007204269	0.031288089	0.589658982	1
Obesity	nk_cell	<i>PPP1R27</i>	-0.103239006	0.043044203	0.663741615	1
Obesity	nk_cell	<i>PPP2R5E</i>	-0.002891712	0.013469834	0.403058408	1
Obesity	nk_cell	<i>PRDM15</i>	0.010132465	0.005726336	0.265170751	1
Obesity	nk_cell	<i>PSAP</i>	-0.000634184	0.047617599	0.688371917	1
Obesity	nk_cell	<i>PSMA4</i>	-0.007184287	0.015819226	0.428778834	1
Obesity	nk_cell	<i>PYCR2</i>	0.028481015	0.014202015	0.403058408	1
Obesity	nk_cell	<i>RAB11FIP3</i>	0.004185441	0.019103411	0.482166712	1
Obesity	nk_cell	<i>RAB3A</i>	0.06145593	0.03381299	0.615854141	1
Obesity	nk_cell	<i>RAD9A</i>	-0.004222876	0.003373666	0.197551645	1
Obesity	nk_cell	<i>RAPGEF6</i>	-0.008707287	0.048511457	0.696937894	1
Obesity	nk_cell	<i>RGCC</i>	-0.004216266	0.003642243	0.206289003	1
Obesity	nk_cell	<i>RGS22</i>	0.003882399	0.018762027	0.482166712	1
Obesity	nk_cell	<i>RHCE</i>	0.045796723	0.000495699	0.081430818	1
Obesity	nk_cell	<i>RHOD</i>	-0.023751637	0.008203345	0.316366564	1

Obesity	nk_cell	<i>RNASE4</i>	-0.06410214	0.001166567	0.102324079	1
Obesity	nk_cell	<i>RNF14</i>	-0.00552063	0.026510218	0.543858879	1
Obesity	nk_cell	<i>RPRD2</i>	0.003982298	0.000924221	0.101229986	1
Obesity	nk_cell	<i>RSU1</i>	-0.001907243	0.015231254	0.422350981	1
Obesity	nk_cell	<i>RUFY2</i>	-0.002575137	0.006588469	0.282206105	1
Obesity	nk_cell	<i>SI00A3</i>	-0.10386725	0.000198879	0.047889991	0.920015335
Obesity	nk_cell	<i>SAMM50</i>	-0.008799518	0.030756896	0.588054181	1
Obesity	nk_cell	<i>SARDH</i>	0.034816418	0.02148037	0.496840968	1
Obesity	nk_cell	<i>SARS2</i>	-0.041471891	0.016996827	0.446746143	1
Obesity	nk_cell	<i>SCD</i>	-0.004311219	0.043031206	0.663741615	1
Obesity	nk_cell	<i>SCGB2B2</i>	-0.005658533	0.028790505	0.564342705	1
Obesity	nk_cell	<i>SCN2A</i>	-0.015108067	0.003656658	0.206289003	1
Obesity	nk_cell	<i>SCOC</i>	0.011350497	0.013438828	0.403058408	1
Obesity	nk_cell	<i>SDHA</i>	0.002840269	0.037954041	0.64190481	1
Obesity	nk_cell	<i>SEC22A</i>	0.002050783	0.040259401	0.648191675	1
Obesity	nk_cell	<i>SEC63</i>	0.00407549	0.022811205	0.508124279	1
Obesity	nk_cell	<i>SEMA6C</i>	0.030831694	0.000160703	0.041300728	0.743413107
Obesity	nk_cell	<i>SGSH</i>	0.011330353	0.001847394	0.133531922	1
Obesity	nk_cell	<i>SH2D3A</i>	0.008078261	0.038359456	0.64190481	1
Obesity	nk_cell	<i>SHISA4</i>	-0.016730681	0.035825683	0.627763667	1
Obesity	nk_cell	<i>SKIV2L</i>	-0.016367344	0.014402363	0.406252008	1
Obesity	nk_cell	<i>SLC26A8</i>	0.028205884	0.038423064	0.64190481	1
Obesity	nk_cell	<i>SLC2A14</i>	-0.039430551	0.001074748	0.101229986	1
Obesity	nk_cell	<i>SLC35B4</i>	-0.009973303	0.001243138	0.106243121	1
Obesity	nk_cell	<i>SLC35F2</i>	0.011236089	0.027886637	0.560674591	1
Obesity	nk_cell	<i>SLC35G1</i>	-0.018593002	0.000250065	0.055085822	1
Obesity	nk_cell	<i>SLC4A5</i>	0.024234998	0.015481054	0.423759502	1
Obesity	nk_cell	<i>SLC52A2</i>	-0.005178486	0.039055677	0.643448676	1
Obesity	nk_cell	<i>SLC6A1</i>	-0.00962735	0.014115717	0.403058408	1
Obesity	nk_cell	<i>SLC6A7</i>	-0.081676274	0.03393577	0.615854141	1
Obesity	nk_cell	<i>SLFN11</i>	0.004647263	0.010418748	0.359680057	1
Obesity	nk_cell	<i>SMIM6</i>	0.091500343	0.036238598	0.63260285	1
Obesity	nk_cell	<i>SMTNL1</i>	0.018745269	0.026894354	0.545672295	1
Obesity	nk_cell	<i>SPTA1</i>	-0.106850701	0.023623456	0.51387481	1
Obesity	nk_cell	<i>SPTSSB</i>	-0.062266454	0.006371875	0.282011738	1
Obesity	nk_cell	<i>SRA1</i>	-0.005003306	0.041493318	0.655112927	1
Obesity	nk_cell	<i>ST6GALNAC2</i>	-0.016835953	0.024671714	0.52353829	1
Obesity	nk_cell	<i>STX2</i>	0.005772287	0.001435108	0.11352715	1
Obesity	nk_cell	<i>SUGP2</i>	-0.003145191	0.010283981	0.358464761	1
Obesity	nk_cell	<i>SUMF2</i>	0.007621973	0.028685446	0.564342705	1
Obesity	nk_cell	<i>SYTL2</i>	0.00167364	0.031489948	0.589658982	1
Obesity	nk_cell	<i>TAF6</i>	-0.014395791	0.034693421	0.6220611	1
Obesity	nk_cell	<i>TBX2</i>	0.006308154	0.000944705	0.101229986	1
Obesity	nk_cell	<i>TCTE1</i>	-0.101939468	0.019816349	0.482166712	1
Obesity	nk_cell	<i>TCTE3</i>	-0.006354855	0.005188297	0.255452758	1
Obesity	nk_cell	<i>TECTA</i>	-0.046312129	0.004610707	0.236990332	1
Obesity	nk_cell	<i>TEPP</i>	-0.052497918	0.047153661	0.685952314	1
Obesity	nk_cell	<i>THEM4</i>	0.005664835	0.00993973	0.353701478	1
Obesity	nk_cell	<i>TIPRL</i>	-0.004704254	0.015246998	0.422350981	1
Obesity	nk_cell	<i>TMA7</i>	0.007800346	0.010042174	0.354619064	1
Obesity	nk_cell	<i>TMC5</i>	-0.011378557	0.035293386	0.624643341	1
Obesity	nk_cell	<i>TMEM110</i>	-0.019953096	0.010845227	0.366204533	1

Obesity	nk_cell	<i>TMEM116</i>	-0.007688474	0.000851515	0.101002792	1
Obesity	nk_cell	<i>TMEM136</i>	-0.005319414	0.03832988	0.64190481	1
Obesity	nk_cell	<i>TMEM161A</i>	-0.006549345	0.042176084	0.659143803	1
Obesity	nk_cell	<i>TMEM50B</i>	-0.005289267	0.012693534	0.396095407	1
Obesity	nk_cell	<i>TMEM56</i>	-0.02101467	0.00059498	0.082590446	1
Obesity	nk_cell	<i>TMEM99</i>	-0.041189272	0.000131506	0.038021665	0.608346642
Obesity	nk_cell	<i>TMX3</i>	0.003654008	0.004604495	0.236990332	1
Obesity	nk_cell	<i>TNFRSF18</i>	-0.016390262	0.001509621	0.11352715	1
Obesity	nk_cell	<i>TOX3</i>	0.090443169	0.00405147	0.217095461	1
Obesity	nk_cell	<i>TRIM45</i>	-0.02750578	0.003702864	0.206378916	1
Obesity	nk_cell	<i>TRMT10A</i>	-0.009920372	0.000102726	0.032318729	0.475210562
Obesity	nk_cell	<i>TRPV3</i>	-0.055763513	0.008819571	0.326394683	1
Obesity	nk_cell	<i>TSPO2</i>	0.01582409	0.012184132	0.390647831	1
Obesity	nk_cell	<i>TTC38</i>	-0.004064386	0.041218595	0.653004175	1
Obesity	nk_cell	<i>TTLL6</i>	-0.031629715	0.001116024	0.101229986	1
Obesity	nk_cell	<i>ULK3</i>	0.007535521	0.02535329	0.529949964	1
Obesity	nk_cell	<i>UNC45A</i>	0.009527328	0.017577557	0.458294797	1
Obesity	nk_cell	<i>VPS37D</i>	-0.069498839	0.00799957	0.313610258	1
Obesity	nk_cell	<i>VPS54</i>	-0.002056633	0.039239533	0.643448676	1
Obesity	nk_cell	<i>WDR17</i>	-0.012989879	0.026649183	0.543858879	1
Obesity	nk_cell	<i>WDR6</i>	0.00610682	0.000104795	0.032318729	0.484780936
Obesity	nk_cell	<i>WIPF1</i>	0.002007869	0.00376534	0.207362646	1
Obesity	nk_cell	<i>XPO7</i>	0.00367067	0.011554256	0.376408378	1
Obesity	nk_cell	<i>XRR1</i>	-0.003691264	0.019998819	0.482166712	1
Obesity	nk_cell	<i>ZDHHC2</i>	0.004413856	0.02284692	0.508124279	1
Obesity	nk_cell	<i>ZKSCAN7</i>	-0.017374977	0.005886037	0.269592163	1
Obesity	nk_cell	<i>ZNF189</i>	-0.010676273	4.75E-05	0.018377872	0.219527539
Obesity	nk_cell	<i>ZNF23</i>	-0.037473627	0.022618732	0.508124279	1
Obesity	nk_cell	<i>ZNF25</i>	0.010125045	4.77E-05	0.018377872	0.220534464
Obesity	nk_cell	<i>ZNF285</i>	-0.085384365	0.016571667	0.443081729	1
Obesity	nk_cell	<i>ZNF30</i>	-0.00601886	0.049193519	0.702374132	1
Obesity	nk_cell	<i>ZNF334</i>	0.008338833	0.001521548	0.11352715	1
Obesity	nk_cell	<i>ZNF415</i>	-0.022327659	0.011487116	0.376408378	1
Obesity	nk_cell	<i>ZNF454</i>	-0.009633456	0.03059837	0.588054181	1
Obesity	nk_cell	<i>ZNF493</i>	-0.005143917	0.021420195	0.496840968	1
Obesity	nk_cell	<i>ZNF547</i>	-0.023575747	0.007789242	0.31062958	1
Obesity	nk_cell	<i>ZNF549</i>	0.00571304	0.043465434	0.666577876	1
Obesity	nk_cell	<i>ZNF575</i>	-0.022141363	0.023499332	0.51387481	1
Obesity	nk_cell	<i>ZNF660</i>	-0.015283712	0.034030891	0.615854141	1
Obesity	nk_cell	<i>ZNF718</i>	0.005028283	0.022080623	0.504171876	1
Obesity	nk_cell	<i>ZNF780A</i>	0.019399309	0.023514262	0.51387481	1
Obesity	nk_cell	<i>ZNF85</i>	0.004785191	0.019001887	0.482166712	1
Obesity	nk_cell	<i>ZNF880</i>	-0.006708947	0.009090491	0.328536025	1
Obesity	nk_cell	<i>C2orf72</i>	-0.113922429	0.021313935	0.496840968	1
Obesity	nk_cell	<i>CCL4L2</i>	-0.020945543	0.023734455	0.51387481	1
Obesity	nk_cell	<i>DNAH10OS</i>	0.058179489	0.006061828	0.273565372	1
Obesity	nk_cell	<i>GSTM1</i>	-0.008124088	0.035377552	0.624643341	1
Obesity	nk_cell	<i>OR52N4</i>	0.088264178	0.044869537	0.667495607	1
Obesity	nk_cell	<i>B3GNT3</i>	-0.036071623	0.028687002	0.564342705	1
Obesity	nk_cell	<i>SYT3</i>	-0.007249398	0.014896996	0.417657591	1
Obesity	nk_cell	<i>PRG2</i>	-0.010497839	0.008370195	0.317381323	1
Obesity	nk_cell	<i>VGLL2</i>	-0.010452363	0.013694348	0.403058408	1

Obesity	nk_cell	<i>AC135178.1</i>	-0.0815926	0.033829824	0.615854141	1
Obesity	nk_cell	<i>LGALS9B</i>	-0.007783029	0.001084973	0.101229986	1
Obesity	nk_cell	<i>ADAD2</i>	-0.063106086	0.040652416	0.648191675	1
Obesity	nk_cell	<i>FOXI2</i>	-0.138722466	0.000297198	0.059182104	1
Obesity	nk_cell	<i>APOBEC3B</i>	0.008000905	0.030300421	0.586484306	1
Obesity	pericyte	<i>AC019117.2</i>	-0.059727139	0.003790924	0.282804539	1
Obesity	pericyte	<i>ADAT1</i>	-0.011373898	0.015622899	0.487848959	1
Obesity	pericyte	<i>ADCY7</i>	0.002712829	0.027399481	0.594345594	1
Obesity	pericyte	<i>ADRA2B</i>	0.049868013	0.000658809	0.121906105	1
Obesity	pericyte	<i>AHRR</i>	-0.010090948	0.026786835	0.590075717	1
Obesity	pericyte	<i>AKAP5</i>	-0.013234051	0.006077746	0.332287618	1
Obesity	pericyte	<i>ALG10</i>	-0.024117408	0.031802055	0.615549403	1
Obesity	pericyte	<i>AMPH</i>	-0.006836617	0.028353123	0.596086316	1
Obesity	pericyte	<i>ANAPC13</i>	-0.009714706	0.008455457	0.379756758	1
Obesity	pericyte	<i>ANKRD36B</i>	0.005304456	0.001695379	0.211968189	1
Obesity	pericyte	<i>ARGLU1</i>	0.001994457	0.000314831	0.086195377	1
Obesity	pericyte	<i>ARHGEF19</i>	0.012719818	0.046990213	0.731521713	1
Obesity	pericyte	<i>ARL6IP5</i>	0.002203993	0.038997505	0.691768839	1
Obesity	pericyte	<i>ASNS</i>	-0.031870038	0.046337743	0.729110207	1
Obesity	pericyte	<i>ATP6V1G2</i>	0.057933916	0.000129158	0.059748526	0.597485264
Obesity	pericyte	<i>BAK1</i>	-0.022372228	0.039179299	0.691768839	1
Obesity	pericyte	<i>BDH2</i>	-0.008680318	0.003614403	0.274102132	1
Obesity	pericyte	<i>C10orf25</i>	0.084955158	0.005974089	0.332287618	1
Obesity	pericyte	<i>C11orf68</i>	-0.033959961	0.003597083	0.274102132	1
Obesity	pericyte	<i>C18orf8</i>	-0.005549538	0.03725033	0.678425302	1
Obesity	pericyte	<i>C3orf70</i>	-0.020122038	0.002521942	0.23477141	1
Obesity	pericyte	<i>C9orf152</i>	-0.040565297	0.000311157	0.086195377	1
Obesity	pericyte	<i>CAMTA1</i>	-0.000967529	0.014165523	0.486466221	1
Obesity	pericyte	<i>CBWD1</i>	-0.010609392	0.017727076	0.501917897	1
Obesity	pericyte	<i>CCDC74A</i>	-0.153238238	0.034457824	0.650619975	1
Obesity	pericyte	<i>CCDC78</i>	-0.106133358	0.003010504	0.262765913	1
Obesity	pericyte	<i>CDC27</i>	0.003463313	0.004447947	0.307579763	1
Obesity	pericyte	<i>CDH23</i>	-0.002516096	0.002830535	0.256746149	1
Obesity	pericyte	<i>CDKN2AIPNL</i>	0.017909087	0.019211389	0.507839357	1
Obesity	pericyte	<i>CEACAM19</i>	-0.014203792	0.048448398	0.738773524	1
Obesity	pericyte	<i>CENPA</i>	-0.019791289	0.002011264	0.223496964	1
Obesity	pericyte	<i>CEP104</i>	-0.006132108	0.003903387	0.282804539	1
Obesity	pericyte	<i>CEP63</i>	-0.003108538	0.041560281	0.70683036	1
Obesity	pericyte	<i>CGGBP1</i>	0.002948544	0.00594686	0.332287618	1
Obesity	pericyte	<i>CHPF2</i>	-0.014067682	0.038152843	0.689433805	1
Obesity	pericyte	<i>CIAPIN1</i>	0.005674534	0.014960599	0.487389264	1
Obesity	pericyte	<i>CKAP2</i>	0.005292299	0.045434142	0.722262346	1
Obesity	pericyte	<i>CLCA4</i>	0.083525875	0.002174095	0.223496964	1
Obesity	pericyte	<i>CLDN16</i>	-0.016937255	0.035734242	0.669257504	1
Obesity	pericyte	<i>CLDN9</i>	-0.005435541	0.026779264	0.590075717	1
Obesity	pericyte	<i>CLEC3B</i>	0.015811726	0.0124556	0.476195099	1
Obesity	pericyte	<i>CLUL1</i>	-0.080686626	0.002002855	0.223496964	1
Obesity	pericyte	<i>CMPK1</i>	-0.003372817	0.029557661	0.599709379	1
Obesity	pericyte	<i>CNGA3</i>	-0.106615624	0.021684924	0.548166444	1
Obesity	pericyte	<i>CNTLN</i>	-0.003361135	2.59E-06	0.005999905	0.011999809
Obesity	pericyte	<i>COLCA2</i>	-0.014608179	0.043236436	0.712814813	1
Obesity	pericyte	<i>CRTAP</i>	-0.008449728	0.000555301	0.121906105	1

Obesity	pericyte	<i>CSTB</i>	0.008021993	0.006604327	0.339462414	1
Obesity	pericyte	<i>CTNND2</i>	-0.014373782	0.001425372	0.188393403	1
Obesity	pericyte	<i>CXCL6</i>	0.019188981	0.012967107	0.486466221	1
Obesity	pericyte	<i>CYP2C8</i>	-0.109910034	0.04207954	0.710437784	1
Obesity	pericyte	<i>CYP4V2</i>	0.007772207	0.049273327	0.738773524	1
Obesity	pericyte	<i>DCTN5</i>	-0.01337723	6.43E-05	0.037854212	0.297319764
Obesity	pericyte	<i>DDHD2</i>	0.003042296	0.01917168	0.507839357	1
Obesity	pericyte	<i>DEFB1</i>	-0.079660488	0.043970251	0.713706607	1
Obesity	pericyte	<i>DHX34</i>	0.004131022	0.018146527	0.505482687	1
Obesity	pericyte	<i>DNAH5</i>	-0.031300773	0.040224857	0.696363268	1
Obesity	pericyte	<i>DNAJC25</i>	-0.011568268	0.006436377	0.334546981	1
Obesity	pericyte	<i>DOK5</i>	-0.012211859	0.016735059	0.498587585	1
Obesity	pericyte	<i>DPF1</i>	-0.063076014	0.003268671	0.274102132	1
Obesity	pericyte	<i>DPH1</i>	-0.016492967	0.009160646	0.390115618	1
Obesity	pericyte	<i>DTD1</i>	-0.004043888	0.030632332	0.611617417	1
Obesity	pericyte	<i>DUSP19</i>	-0.028344419	0.024310731	0.575905363	1
Obesity	pericyte	<i>DUSP23</i>	0.017560255	0.00319066	0.273333189	1
Obesity	pericyte	<i>DUSP8</i>	-0.019450134	0.028322659	0.596086316	1
Obesity	pericyte	<i>DYNC1I2</i>	0.002701064	0.003600928	0.274102132	1
Obesity	pericyte	<i>DZIP3</i>	-0.009005894	0.005141786	0.317738725	1
Obesity	pericyte	<i>ECHDC2</i>	0.001672667	0.042770308	0.712814813	1
Obesity	pericyte	<i>EFCAB1</i>	-0.072942631	8.40E-05	0.04320135	0.388812147
Obesity	pericyte	<i>EPB42</i>	0.003413627	0.004525175	0.307845019	1
Obesity	pericyte	<i>ERCC2</i>	-0.013096474	0.02522225	0.578537631	1
Obesity	pericyte	<i>ERVW-1</i>	-0.017593358	0.02153783	0.547439563	1
Obesity	pericyte	<i>EZH1</i>	0.003888135	0.036819912	0.676109873	1
Obesity	pericyte	<i>FAHD1</i>	-0.012603626	0.013752477	0.486466221	1
Obesity	pericyte	<i>FAM111A</i>	0.007730135	1.56E-06	0.005999905	0.007210566
Obesity	pericyte	<i>FAM19A3</i>	0.136141452	0.014613497	0.487389264	1
Obesity	pericyte	<i>FAM57A</i>	-0.014053785	0.005304605	0.317738725	1
Obesity	pericyte	<i>FBXO36</i>	0.010339134	0.001115574	0.172021464	1
Obesity	pericyte	<i>FBXO39</i>	-0.065134424	0.016135082	0.487848959	1
Obesity	pericyte	<i>FBXW10</i>	-0.050353751	0.03628288	0.676109873	1
Obesity	pericyte	<i>FGGY</i>	0.002328467	0.047123535	0.731521713	1
Obesity	pericyte	<i>FLCN</i>	-0.00924902	0.005424347	0.317738725	1
Obesity	pericyte	<i>FOLR1</i>	0.020654341	6.55E-05	0.037854212	0.302833698
Obesity	pericyte	<i>FRA10AC1</i>	0.004242468	0.00927642	0.390115618	1
Obesity	pericyte	<i>FXYP7</i>	-0.022581058	0.026637102	0.590075717	1
Obesity	pericyte	<i>G6PC3</i>	-0.013448728	0.040342706	0.696363268	1
Obesity	pericyte	<i>GAA</i>	-0.005858924	0.049608782	0.738773524	1
Obesity	pericyte	<i>GAS2L2</i>	-0.161595027	0.01699536	0.499042016	1
Obesity	pericyte	<i>GATAD1</i>	-0.002047975	0.026011034	0.589838439	1
Obesity	pericyte	<i>GEMIN4</i>	-0.0153034	0.006272106	0.332287618	1
Obesity	pericyte	<i>GGH</i>	0.024954882	0.007273257	0.350848441	1
Obesity	pericyte	<i>GMEB2</i>	0.008745478	0.025939011	0.589838439	1
Obesity	pericyte	<i>GNG10</i>	0.043285543	0.048853017	0.738773524	1
Obesity	pericyte	<i>GNG2</i>	0.00144774	0.0297252	0.600474996	1
Obesity	pericyte	<i>GNMT</i>	-0.043898605	0.028660357	0.596086316	1
Obesity	pericyte	<i>GPR156</i>	-0.012479941	0.038602093	0.691768839	1
Obesity	pericyte	<i>GPR158</i>	-0.032266811	0.00016678	0.061693506	0.771522922
Obesity	pericyte	<i>GRAMD1A</i>	0.005332712	0.009150409	0.390115618	1
Obesity	pericyte	<i>GRIK2</i>	-0.008321968	0.039758628	0.695703699	1

Obesity	pericyte	<i>GRIN3A</i>	-0.047838895	0.013641576	0.486466221	1
Obesity	pericyte	<i>GRPEL1</i>	-0.013683585	0.015638271	0.487848959	1
Obesity	pericyte	<i>GSTM3</i>	0.011644085	0.011911761	0.463057208	1
Obesity	pericyte	<i>GXYLT2</i>	-0.002951012	0.027751545	0.594345594	1
Obesity	pericyte	<i>HAAO</i>	-0.004868777	0.014635667	0.487389264	1
Obesity	pericyte	<i>HACE1</i>	-0.006257789	0.00022488	0.074306768	1
Obesity	pericyte	<i>HAGHL</i>	-0.032564372	0.017415377	0.501917897	1
Obesity	pericyte	<i>HAUS1</i>	-0.015914899	0.011266847	0.453221157	1
Obesity	pericyte	<i>HCG27</i>	0.013168458	0.002172196	0.223496964	1
Obesity	pericyte	<i>HCG9</i>	0.041483643	0.011565014	0.461204783	1
Obesity	pericyte	<i>HK2</i>	-0.004758299	0.006256499	0.332287618	1
Obesity	pericyte	<i>HKDC1</i>	0.041635566	0.01409274	0.486466221	1
Obesity	pericyte	<i>HLA-DQB2</i>	0.009051878	0.016813589	0.498587585	1
Obesity	pericyte	<i>HMOX2</i>	0.004104471	0.022250235	0.554943026	1
Obesity	pericyte	<i>HOXD4</i>	0.090827556	0.02268072	0.558090488	1
Obesity	pericyte	<i>HSD17B13</i>	-0.066501978	0.00750843	0.350848441	1
Obesity	pericyte	<i>HYI</i>	-0.007897713	0.028784602	0.596086316	1
Obesity	pericyte	<i>IFIT1B</i>	-0.060394905	0.005035748	0.317738725	1
Obesity	pericyte	<i>IFT74</i>	0.003674765	0.013416028	0.486466221	1
Obesity	pericyte	<i>IL17RB</i>	-0.014820344	0.042015787	0.710437784	1
Obesity	pericyte	<i>IL4R</i>	-0.003868739	0.002113926	0.223496964	1
Obesity	pericyte	<i>JAKMIP3</i>	-0.050032108	0.000316758	0.086195377	1
Obesity	pericyte	<i>KCNK1</i>	-0.01512849	0.004893854	0.317738725	1
Obesity	pericyte	<i>KHK</i>	-0.029792576	0.030805633	0.611617417	1
Obesity	pericyte	<i>KIAA1468</i>	0.001619805	0.039005704	0.691768839	1
Obesity	pericyte	<i>KLK7</i>	-0.015522654	0.006321079	0.332287618	1
Obesity	pericyte	<i>KLKB1</i>	0.021580943	0.01779389	0.501917897	1
Obesity	pericyte	<i>KRR1</i>	0.002348028	0.049488123	0.738773524	1
Obesity	pericyte	<i>LARS</i>	-0.002495437	0.015470407	0.487848959	1
Obesity	pericyte	<i>LCLAT1</i>	0.002917341	0.024473086	0.575905363	1
Obesity	pericyte	<i>LINC00342</i>	-0.011209551	0.002941138	0.26164813	1
Obesity	pericyte	<i>LINC00839</i>	0.058283309	0.022064295	0.554725161	1
Obesity	pericyte	<i>LINC00941</i>	-0.094886976	0.009514046	0.396504308	1
Obesity	pericyte	<i>LINC00987</i>	0.013791783	0.000590678	0.121906105	1
Obesity	pericyte	<i>LIPI</i>	0.00904659	0.044384812	0.715415131	1
Obesity	pericyte	<i>LMBRD2</i>	-0.007267207	0.001062281	0.169452097	1
Obesity	pericyte	<i>LRPPRC</i>	-0.003536154	0.011170425	0.453221157	1
Obesity	pericyte	<i>LRRC34</i>	0.011858906	0.049842852	0.738773524	1
Obesity	pericyte	<i>LTBR</i>	-0.007953772	0.012368363	0.476195099	1
Obesity	pericyte	<i>LY6G5C</i>	-0.075427204	0.012681893	0.48087245	1
Obesity	pericyte	<i>LYG1</i>	-0.025733961	0.028992525	0.596086316	1
Obesity	pericyte	<i>MAP3K11</i>	-0.005487623	0.017775835	0.501917897	1
Obesity	pericyte	<i>Mar-08</i>	0.003372333	0.043205746	0.712814813	1
Obesity	pericyte	<i>MATN3</i>	0.052760083	0.024659052	0.576125114	1
Obesity	pericyte	<i>MBOAT4</i>	0.047297996	0.023020479	0.560488072	1
Obesity	pericyte	<i>MEDI17</i>	-0.015596377	0.011789122	0.462173556	1
Obesity	pericyte	<i>MESP2</i>	-0.041637885	0.013523292	0.486466221	1
Obesity	pericyte	<i>MICA</i>	-0.008058668	0.017044669	0.499042016	1
Obesity	pericyte	<i>MRPL18</i>	0.013155252	0.000794408	0.136108649	1
Obesity	pericyte	<i>MRPS7</i>	-0.006738193	0.033729592	0.642111494	1
Obesity	pericyte	<i>MST1R</i>	-0.026304251	0.006894962	0.350336296	1
Obesity	pericyte	<i>MTBP</i>	-0.00673234	5.70E-05	0.037854212	0.263518269

Obesity	pericyte	<i>MTRF1L</i>	-0.00791671	0.036820699	0.676109873	1
Obesity	pericyte	<i>NDNF</i>	-0.021997351	0.016108986	0.487848959	1
Obesity	pericyte	<i>NDUFA3</i>	-0.006601844	0.007347604	0.350848441	1
Obesity	pericyte	<i>NDUFA6</i>	0.013178173	0.022312884	0.554943026	1
Obesity	pericyte	<i>NEK1</i>	-0.000817693	0.029476593	0.599709379	1
Obesity	pericyte	<i>NEK9</i>	0.002982051	0.031509131	0.614545694	1
Obesity	pericyte	<i>NFUI</i>	0.00438183	0.013058221	0.486466221	1
Obesity	pericyte	<i>NIMIK</i>	-0.115797548	0.001278972	0.184891364	1
Obesity	pericyte	<i>NPC1</i>	-0.002732162	0.018210879	0.505482687	1
Obesity	pericyte	<i>NPHP3</i>	-0.005047295	0.04118528	0.705641124	1
Obesity	pericyte	<i>NSUN3</i>	0.003062464	0.004454787	0.307579763	1
Obesity	pericyte	<i>NT5C2</i>	-0.000827478	0.039790424	0.695703699	1
Obesity	pericyte	<i>NT5DC2</i>	0.020534269	0.016131237	0.487848959	1
Obesity	pericyte	<i>NTPCR</i>	0.003476959	0.02789057	0.594570392	1
Obesity	pericyte	<i>NUDT7</i>	-0.017100801	0.024922885	0.578537631	1
Obesity	pericyte	<i>NUP85</i>	0.007032426	0.001155196	0.172385046	1
Obesity	pericyte	<i>OPN1SW</i>	-0.020026157	0.008130681	0.368750309	1
Obesity	pericyte	<i>ORMDL1</i>	0.00304149	0.049482903	0.738773524	1
Obesity	pericyte	<i>OSM</i>	0.101982172	0.015835118	0.487848959	1
Obesity	pericyte	<i>OSR1</i>	-0.018768922	0.016579243	0.498023222	1
Obesity	pericyte	<i>OXGR1</i>	-0.092188978	0.001391748	0.188393403	1
Obesity	pericyte	<i>PARP15</i>	0.002078869	0.039178647	0.691768839	1
Obesity	pericyte	<i>PCDHB4</i>	0.022036431	0.007252468	0.350848441	1
Obesity	pericyte	<i>PDZD2</i>	0.001235243	0.0244745	0.575905363	1
Obesity	pericyte	<i>PERP</i>	-0.014480885	0.005172911	0.317738725	1
Obesity	pericyte	<i>PHYH</i>	0.007414631	0.005426148	0.317738725	1
Obesity	pericyte	<i>PIGQ</i>	0.01296708	0.039958948	0.695703699	1
Obesity	pericyte	<i>PILRB</i>	-0.007989557	0.042303584	0.711623204	1
Obesity	pericyte	<i>PLA1A</i>	-0.044176893	0.000751096	0.133637331	1
Obesity	pericyte	<i>PLA2G4B</i>	-0.054708799	0.015503608	0.487848959	1
Obesity	pericyte	<i>PNKD</i>	0.004742621	0.036500142	0.676109873	1
Obesity	pericyte	<i>POC5</i>	0.010116488	0.009198663	0.390115618	1
Obesity	pericyte	<i>POGLUT1</i>	0.005541465	0.043607132	0.712814813	1
Obesity	pericyte	<i>POLI</i>	0.00725775	0.002146869	0.223496964	1
Obesity	pericyte	<i>POU5F1</i>	-0.047109451	0.007998557	0.366349729	1
Obesity	pericyte	<i>PPIE</i>	0.012381956	2.77E-05	0.032082395	0.128329579
Obesity	pericyte	<i>PPP3R1</i>	-0.008821126	0.036865376	0.676109873	1
Obesity	pericyte	<i>PSMD13</i>	0.005309294	0.045639059	0.723035236	1
Obesity	pericyte	<i>PSMD2</i>	-0.011477235	0.002077234	0.223496964	1
Obesity	pericyte	<i>PSORS1C1</i>	0.018418456	0.005759074	0.328907124	1
Obesity	pericyte	<i>PSORS1C2</i>	0.164577189	0.000517393	0.119672943	1
Obesity	pericyte	<i>PSRC1</i>	-0.050711562	0.018944604	0.506576534	1
Obesity	pericyte	<i>PUS7L</i>	0.003176728	0.033504183	0.642111494	1
Obesity	pericyte	<i>PVR</i>	-0.019332777	0.023570052	0.570864203	1
Obesity	pericyte	<i>PVRIG</i>	-0.019967519	0.00539035	0.317738725	1
Obesity	pericyte	<i>PYROXD1</i>	0.003182805	0.049628053	0.738773524	1
Obesity	pericyte	<i>RAD9A</i>	0.003476053	0.016005101	0.487848959	1
Obesity	pericyte	<i>RASAL2-ASI</i>	0.103754844	0.005547137	0.320763215	1
Obesity	pericyte	<i>RASEF</i>	-0.033690921	0.047501262	0.734919187	1
Obesity	pericyte	<i>RBBP6</i>	-0.003439847	0.021107623	0.542465906	1
Obesity	pericyte	<i>RBL2</i>	0.002839223	0.000648629	0.121906105	1
Obesity	pericyte	<i>RBM6</i>	0.001453374	0.013914325	0.486466221	1

Obesity	pericyte	<i>RCN2</i>	0.009180734	0.000142135	0.059774264	0.6575169
Obesity	pericyte	<i>RDH11</i>	-0.004605397	0.036977042	0.676109873	1
Obesity	pericyte	<i>RFPL3S</i>	-0.02887281	0.047025514	0.731521713	1
Obesity	pericyte	<i>RHBDL1</i>	-0.019569252	0.002506588	0.23477141	1
Obesity	pericyte	<i>RHOB</i>	0.010207178	0.030793318	0.611617417	1
Obesity	pericyte	<i>RMI2</i>	-0.013957193	0.02745823	0.594345594	1
Obesity	pericyte	<i>RNASET2</i>	-0.003267181	0.033725669	0.642111494	1
Obesity	pericyte	<i>RNF123</i>	-0.009246551	0.017549693	0.501917897	1
Obesity	pericyte	<i>RNF44</i>	-0.014593901	0.018765185	0.506451988	1
Obesity	pericyte	<i>RTEL1</i>	-0.064161187	0.038930103	0.691768839	1
Obesity	pericyte	<i>RTP4</i>	0.038891626	0.006997304	0.350336296	1
Obesity	pericyte	<i>RWDD3</i>	-0.016486032	0.018357348	0.505482687	1
Obesity	pericyte	<i>S100A1</i>	-0.047026205	0.027531559	0.594345594	1
Obesity	pericyte	<i>SAP18</i>	0.006078448	0.013654169	0.486466221	1
Obesity	pericyte	<i>SCRN1</i>	-0.006115418	0.031496841	0.614545694	1
Obesity	pericyte	<i>SDC3</i>	0.010985816	0.015064961	0.487389264	1
Obesity	pericyte	<i>SEC22A</i>	0.003434123	0.00060663	0.121906105	1
Obesity	pericyte	<i>SENP5</i>	0.001958272	0.032472949	0.625916099	1
Obesity	pericyte	<i>SFXN3</i>	-0.005419064	0.015020765	0.487389264	1
Obesity	pericyte	<i>SH3YL1</i>	0.007789407	0.004591982	0.307862442	1
Obesity	pericyte	<i>SIL1</i>	-0.002065336	0.007472412	0.350848441	1
Obesity	pericyte	<i>SIRPB1</i>	-0.094584028	0.041108506	0.705641124	1
Obesity	pericyte	<i>SLC1A7</i>	-0.02838411	0.035558364	0.6686707	1
Obesity	pericyte	<i>SLC23A3</i>	-0.021417076	0.026361361	0.590075717	1
Obesity	pericyte	<i>SLC26A5</i>	-0.003483885	0.019575357	0.514520463	1
Obesity	pericyte	<i>SLC2A14</i>	-0.026518485	0.027628247	0.594345594	1
Obesity	pericyte	<i>SLC34A2</i>	-0.076753798	0.044994985	0.719449681	1
Obesity	pericyte	<i>SLC37A4</i>	0.01894814	0.023766031	0.571189284	1
Obesity	pericyte	<i>SLC44A3</i>	-0.018511698	0.020683626	0.537324832	1
Obesity	pericyte	<i>SLC9A3</i>	-0.041480777	0.043914608	0.713706607	1
Obesity	pericyte	<i>SMAD5</i>	-0.002372468	0.048028272	0.738773524	1
Obesity	pericyte	<i>SNN</i>	0.008381337	0.03122779	0.614545694	1
Obesity	pericyte	<i>SNX19</i>	0.004598851	0.014089661	0.486466221	1
Obesity	pericyte	<i>SP140</i>	0.002605988	0.018830467	0.506451988	1
Obesity	pericyte	<i>SPG21</i>	0.006737065	0.000396967	0.096651005	1
Obesity	pericyte	<i>STARD10</i>	-0.012748621	0.043487252	0.712814813	1
Obesity	pericyte	<i>STX2</i>	-0.005704277	0.001608499	0.206692103	1
Obesity	pericyte	<i>STYX</i>	-0.005895242	0.025084736	0.578537631	1
Obesity	pericyte	<i>SUCLA2</i>	0.002707663	0.046187762	0.729110207	1
Obesity	pericyte	<i>SULT1A1</i>	0.019176409	0.000339215	0.087178314	1
Obesity	pericyte	<i>SUPT3H</i>	0.003660827	0.031459716	0.614545694	1
Obesity	pericyte	<i>SYT15</i>	-0.042246159	0.008718007	0.384090474	1
Obesity	pericyte	<i>TACC3</i>	0.012370958	0.004412344	0.307579763	1
Obesity	pericyte	<i>TCP11</i>	-0.104361556	0.046616285	0.73100656	1
Obesity	pericyte	<i>TCP11L1</i>	0.004070679	0.011030014	0.453221157	1
Obesity	pericyte	<i>THAP5</i>	0.011451601	0.045101688	0.719449681	1
Obesity	pericyte	<i>TMC6</i>	-0.004635461	0.002537521	0.23477141	1
Obesity	pericyte	<i>TMEM11</i>	-0.008376674	0.014684736	0.487389264	1
Obesity	pericyte	<i>TMEM110</i>	-0.017197559	0.029298993	0.599709379	1
Obesity	pericyte	<i>TMEM216</i>	-0.01242829	0.026449043	0.590075717	1
Obesity	pericyte	<i>TMEM252</i>	-0.046357281	0.028870957	0.596086316	1
Obesity	pericyte	<i>TMX3</i>	0.003224579	0.011673804	0.461564265	1

Obesity	pericyte	<i>TNFRSF10A</i>	-0.00970451	0.006315027	0.332287618	1
Obesity	pericyte	<i>TNFRSF18</i>	0.010580371	0.041455699	0.70683036	1
Obesity	pericyte	<i>TRIM45</i>	-0.027579578	0.003369632	0.274102132	1
Obesity	pericyte	<i>TRIM73</i>	-0.089039951	0.015834298	0.487848959	1
Obesity	pericyte	<i>TRMT10A</i>	0.005179085	0.044208502	0.715064789	1
Obesity	pericyte	<i>TRPM2</i>	0.00398379	0.02286028	0.559532571	1
Obesity	pericyte	<i>TRUB1</i>	-0.00621538	0.031617353	0.614545694	1
Obesity	pericyte	<i>TSPYL1</i>	0.016220399	0.001964868	0.223496964	1
Obesity	pericyte	<i>TTC32</i>	-0.012749728	0.007043077	0.350336296	1
Obesity	pericyte	<i>TXNL4A</i>	0.003472084	0.011171629	0.453221157	1
Obesity	pericyte	<i>U2AF1L4</i>	-0.034499112	0.002303376	0.231639497	1
Obesity	pericyte	<i>ULK4</i>	0.001671648	0.023830422	0.571189284	1
Obesity	pericyte	<i>UNC45A</i>	0.008934708	0.026139048	0.589849927	1
Obesity	pericyte	<i>UPK1A</i>	-0.075985349	0.028363962	0.596086316	1
Obesity	pericyte	<i>USP38</i>	0.008088803	0.029995653	0.603303871	1
Obesity	pericyte	<i>USP6</i>	0.05426164	0.000173371	0.061693506	0.802015577
Obesity	pericyte	<i>VAMP4</i>	-0.003216794	0.042792892	0.712814813	1
Obesity	pericyte	<i>VATIL</i>	0.017263111	0.044860594	0.719449681	1
Obesity	pericyte	<i>VPS37D</i>	0.06224981	0.018489701	0.505917771	1
Obesity	pericyte	<i>VPS54</i>	0.002022623	0.043407634	0.712814813	1
Obesity	pericyte	<i>WDR24</i>	-0.017566759	0.003478327	0.274102132	1
Obesity	pericyte	<i>WDR88</i>	-0.005049902	0.022462143	0.555667768	1
Obesity	pericyte	<i>WDR90</i>	-0.0158773	0.024525153	0.575905363	1
Obesity	pericyte	<i>XCL2</i>	-0.028785278	0.037501907	0.680328716	1
Obesity	pericyte	<i>YWHAZ</i>	0.002016994	0.014527368	0.487389264	1
Obesity	pericyte	<i>ZFP62</i>	-0.005761442	0.007994915	0.366349729	1
Obesity	pericyte	<i>ZKSCAN7</i>	0.013401003	0.033908392	0.642869751	1
Obesity	pericyte	<i>ZMYM1</i>	0.002853665	0.028528386	0.596086316	1
Obesity	pericyte	<i>ZNF223</i>	0.026033684	0.017219772	0.500997889	1
Obesity	pericyte	<i>ZNF232</i>	0.023995224	0.015066292	0.487389264	1
Obesity	pericyte	<i>ZNF420</i>	-0.006663678	0.001052306	0.169452097	1
Obesity	pericyte	<i>ZNF500</i>	0.013417367	0.005117499	0.317738725	1
Obesity	pericyte	<i>ZNF549</i>	0.012722461	9.66E-06	0.014892911	0.044678732
Obesity	pericyte	<i>ZNF665</i>	0.008467117	0.007393145	0.350848441	1
Obesity	pericyte	<i>ZNF708</i>	-0.004399781	0.003912557	0.282804539	1
Obesity	pericyte	<i>ZNF786</i>	-0.005605441	0.02526256	0.578537631	1
Obesity	pericyte	<i>ACSM2A</i>	-0.051968306	0.008669135	0.384090474	1
Obesity	pericyte	<i>DNAH10OS</i>	0.04284058	0.043215485	0.712814813	1
Obesity	pericyte	<i>HLA-DOB</i>	0.024705915	0.009069388	0.390115618	1
Obesity	pericyte	<i>HOXB9</i>	0.038740344	0.040003715	0.695703699	1
Obesity	pericyte	<i>OR52N4</i>	-0.127532443	0.003462431	0.274102132	1
Obesity	pericyte	<i>PKDREJ</i>	-0.07777725	0.027608547	0.594345594	1
Obesity	pericyte	<i>REG3G</i>	0.086162751	4.36E-05	0.037854212	0.201870024
Obesity	pericyte	<i>RPRML</i>	0.062534612	0.002460468	0.23477141	1
Obesity	pericyte	<i>SGCA</i>	-0.024693287	0.014196485	0.486466221	1
Obesity	pericyte	<i>ZNF80</i>	-0.013634958	0.018591877	0.505917771	1
Obesity	pericyte	<i>SERPINA3</i>	-0.006131528	0.014167188	0.486466221	1
Obesity	pericyte	<i>LGALS9B</i>	0.007620781	0.00141328	0.188393403	1
Obesity	pericyte	<i>OR52N1</i>	-0.016489609	0.018271443	0.505482687	1
Obesity	pericyte	<i>OR52N5</i>	-0.013598341	0.021428708	0.547439563	1
Obesity	pericyte	<i>H3F3C</i>	-0.066382411	0.005252187	0.317738725	1
Obesity	pericyte	<i>TBC1D26</i>	-0.004550284	0.020791428	0.537324832	1

Obesity	pericyte	<i>HIST2H2AA4</i>	-0.005568475	0.020523687	0.536398737	1
Obesity	SMC	<i>A3GALT2</i>	0.028603358	0.000518907	0.083538619	1
Obesity	SMC	<i>AC004466.1</i>	0.081314513	0.01056677	0.397787872	1
Obesity	SMC	<i>ACAD10</i>	0.006768976	0.01700649	0.471089954	1
Obesity	SMC	<i>ACOX3</i>	-0.010584502	0.000144378	0.035152136	0.667890575
Obesity	SMC	<i>ADCK1</i>	-0.006859701	0.003786489	0.246708396	1
Obesity	SMC	<i>ADH4</i>	0.012697348	0.000326173	0.065603218	1
Obesity	SMC	<i>ADHFE1</i>	-0.003300957	0.027309175	0.585930926	1
Obesity	SMC	<i>ALDH8A1</i>	0.015750318	0.046581491	0.713348778	1
Obesity	SMC	<i>ALYREF</i>	-0.056703491	0.002383198	0.208012707	1
Obesity	SMC	<i>AMT</i>	0.017303894	0.009322675	0.385059786	1
Obesity	SMC	<i>ANGPTL6</i>	0.028027427	0.014804629	0.453790562	1
Obesity	SMC	<i>ANKRD27</i>	0.003390127	0.045430573	0.713348778	1
Obesity	SMC	<i>ANKRD29</i>	-0.003069622	0.018080379	0.486278099	1
Obesity	SMC	<i>ANKRD36B</i>	-0.004329386	0.010205227	0.397787872	1
Obesity	SMC	<i>ANKRD40</i>	-0.00684854	0.027611963	0.585930926	1
Obesity	SMC	<i>ANKS6</i>	0.008742745	0.003547075	0.246708396	1
Obesity	SMC	<i>ANO5</i>	-0.011461556	0.032874016	0.632696406	1
Obesity	SMC	<i>ANO7</i>	0.011915521	0.034793675	0.642134104	1
Obesity	SMC	<i>ARPC2</i>	0.002175507	0.002095908	0.19391338	1
Obesity	SMC	<i>ASIC3</i>	-0.122781535	0.007305797	0.337966152	1
Obesity	SMC	<i>ATF6B</i>	-0.005873435	0.000579873	0.086433548	1
Obesity	SMC	<i>ATP5G2</i>	-0.002458775	0.03466562	0.642134104	1
Obesity	SMC	<i>ATP5H</i>	0.005994396	0.004267348	0.253231576	1
Obesity	SMC	<i>ATP6AP1L</i>	-0.007402272	0.001851206	0.182205923	1
Obesity	SMC	<i>ATXN10</i>	-0.001372643	0.044428685	0.713348778	1
Obesity	SMC	<i>BHMT</i>	-0.074936752	0.004406052	0.254779975	1
Obesity	SMC	<i>BROX</i>	0.0059184	0.041012476	0.679295548	1
Obesity	SMC	<i>BST1</i>	-0.007503367	0.009076976	0.380091199	1
Obesity	SMC	<i>BTBD16</i>	-0.024391795	0.038145108	0.655982408	1
Obesity	SMC	<i>C14orf79</i>	-0.014716402	0.006980067	0.329487641	1
Obesity	SMC	<i>C17orf62</i>	-0.004791169	0.04971405	0.713348778	1
Obesity	SMC	<i>C17orf97</i>	0.012280024	0.012318649	0.417556091	1
Obesity	SMC	<i>C8orf46</i>	0.012776411	0.046298194	0.713348778	1
Obesity	SMC	<i>CATSPER2</i>	0.008417529	0.047682532	0.713348778	1
Obesity	SMC	<i>CCDC127</i>	-0.013228917	0.045131256	0.713348778	1
Obesity	SMC	<i>CCDC36</i>	0.011166509	0.000523696	0.083538619	1
Obesity	SMC	<i>CCDC8</i>	-0.040751274	0.017890645	0.486278099	1
Obesity	SMC	<i>CD207</i>	0.044614324	0.029273649	0.604553119	1
Obesity	SMC	<i>CD37</i>	0.003238273	0.03805453	0.655982408	1
Obesity	SMC	<i>CDC16</i>	0.002983022	0.032808209	0.632696406	1
Obesity	SMC	<i>CDC27</i>	0.003793006	0.001591727	0.163629535	1
Obesity	SMC	<i>CDC42EP1</i>	-0.014389886	0.010449957	0.397787872	1
Obesity	SMC	<i>CDC42SE2</i>	0.001322037	0.026732651	0.585930926	1
Obesity	SMC	<i>CDC6</i>	0.01808926	0.035826857	0.643316037	1
Obesity	SMC	<i>CDHRI</i>	-0.04765477	0.01782101	0.486278099	1
Obesity	SMC	<i>CEP104</i>	0.00694629	0.00109794	0.125565745	1
Obesity	SMC	<i>CEP170</i>	0.002334511	0.035875065	0.643316037	1
Obesity	SMC	<i>CEPT1</i>	-0.003815094	0.004551267	0.256758072	1
Obesity	SMC	<i>CER1</i>	-0.01640915	0.037538427	0.655982408	1
Obesity	SMC	<i>CFL2</i>	0.008771115	0.03133214	0.622070723	1
Obesity	SMC	<i>CHRNE</i>	0.019444821	0.030428921	0.610925955	1

Obesity	SMC	<i>CIAO1</i>	0.00467755	0.024828135	0.563014474	1
Obesity	SMC	<i>CIAPIN1</i>	0.004641708	0.046104104	0.713348778	1
Obesity	SMC	<i>CLDN1</i>	-0.003143216	0.013595356	0.438577697	1
Obesity	SMC	<i>CLDN9</i>	-0.006155475	0.01216305	0.417556091	1
Obesity	SMC	<i>CLEC18A</i>	0.032954086	0.036163866	0.645922956	1
Obesity	SMC	<i>CLEC4F</i>	0.009704344	0.039624739	0.675110702	1
Obesity	SMC	<i>CLUAP1</i>	-0.005928226	0.040448785	0.67550932	1
Obesity	SMC	<i>CNTLN</i>	0.001556226	0.029725232	0.606475452	1
Obesity	SMC	<i>COG4</i>	0.007457543	0.01347809	0.438577697	1
Obesity	SMC	<i>CXCR6</i>	-0.015222169	0.011366605	0.404476257	1
Obesity	SMC	<i>DALRD3</i>	0.010808061	5.50E-05	0.021215231	0.25458277
Obesity	SMC	<i>DAPL1</i>	-0.041624452	0.021449335	0.527790562	1
Obesity	SMC	<i>DAWI</i>	-0.069084205	3.43E-05	0.017621269	0.158591422
Obesity	SMC	<i>DCT</i>	-0.011739956	0.033445994	0.632696406	1
Obesity	SMC	<i>DDIT4L</i>	-0.027295967	0.04687858	0.713348778	1
Obesity	SMC	<i>DIDO1</i>	0.005190022	0.022958034	0.5474426	1
Obesity	SMC	<i>DIP2A</i>	0.004851964	0.004269793	0.253231576	1
Obesity	SMC	<i>DNAAF3</i>	-0.06621861	0.018308549	0.488131608	1
Obesity	SMC	<i>DNAJC12</i>	-0.02655975	0.000178702	0.041053307	0.82667317
Obesity	SMC	<i>DOK7</i>	-0.091172878	0.025092541	0.566234605	1
Obesity	SMC	<i>DRAM1</i>	-0.002694266	0.019309919	0.502018482	1
Obesity	SMC	<i>DRD4</i>	-0.061638445	1.49E-06	0.001724748	0.006898994
Obesity	SMC	<i>EAF1</i>	-0.010527412	0.036670341	0.64995019	1
Obesity	SMC	<i>EBPL</i>	-0.006040526	0.014331108	0.448314383	1
Obesity	SMC	<i>EIF3B</i>	-0.003831687	0.033274262	0.632696406	1
Obesity	SMC	<i>EIF5A</i>	-0.02000457	0.00481342	0.26196333	1
Obesity	SMC	<i>ELMO3</i>	-0.051235643	0.001047992	0.125565745	1
Obesity	SMC	<i>ELOVL3</i>	0.054744493	0.033159965	0.632696406	1
Obesity	SMC	<i>ERAP2</i>	-0.00298645	0.026900327	0.585930926	1
Obesity	SMC	<i>ESYT2</i>	-0.000803185	0.04663332	0.713348778	1
Obesity	SMC	<i>ETV2</i>	-0.139730061	0.030573183	0.610925955	1
Obesity	SMC	<i>FADS2</i>	0.005301331	0.003291946	0.246708396	1
Obesity	SMC	<i>FAM160B1</i>	-0.002911529	0.02692131	0.585930926	1
Obesity	SMC	<i>FAM220A</i>	0.01226264	0.00189297	0.182435032	1
Obesity	SMC	<i>FAM227A</i>	-0.027157476	0.02103452	0.523148871	1
Obesity	SMC	<i>FBXO15</i>	-0.028822161	0.02961494	0.606475452	1
Obesity	SMC	<i>FBXO36</i>	0.007020756	0.026973289	0.585930926	1
Obesity	SMC	<i>FBXO39</i>	-0.076609266	0.004664405	0.257339785	1
Obesity	SMC	<i>FGF17</i>	-0.090993943	0.016090145	0.468132146	1
Obesity	SMC	<i>FGGY</i>	0.002783442	0.016878953	0.471089954	1
Obesity	SMC	<i>FIGN</i>	-0.001549432	0.034243973	0.641346636	1
Obesity	SMC	<i>FLG</i>	-0.053935622	0.015387605	0.45924555	1
Obesity	SMC	<i>FLRT3</i>	-0.007381144	0.016534238	0.471089954	1
Obesity	SMC	<i>FLYWCH1</i>	-0.004562024	0.035644939	0.643316037	1
Obesity	SMC	<i>FZD9</i>	-0.113763338	0.010895139	0.397787872	1
Obesity	SMC	<i>GABRR2</i>	-0.057542407	7.50E-05	0.024775652	0.346859133
Obesity	SMC	<i>GAS2L2</i>	-0.151706057	0.025727005	0.574942625	1
Obesity	SMC	<i>GATAD1</i>	-0.003737773	4.71E-05	0.021215231	0.217690789
Obesity	SMC	<i>GGPS1</i>	-0.003482815	0.048344294	0.713348778	1
Obesity	SMC	<i>GIMAP8</i>	0.002301286	0.048705493	0.713348778	1
Obesity	SMC	<i>GLP1R</i>	-0.075529378	0.020657603	0.522197122	1
Obesity	SMC	<i>GNPDA2</i>	0.006433551	0.020015903	0.511566671	1

Obesity	SMC	<i>GNRHR</i>	0.016031077	0.003917178	0.248231023	1
Obesity	SMC	<i>GPR137B</i>	-0.00518284	0.003143512	0.246708396	1
Obesity	SMC	<i>GSTZ1</i>	-0.01015847	0.014108751	0.447034803	1
Obesity	SMC	<i>GTPBP10</i>	0.006168439	0.023823636	0.556606774	1
Obesity	SMC	<i>GUF1</i>	-0.008521681	0.004111116	0.25023712	1
Obesity	SMC	<i>GYPE</i>	0.014170299	0.028297038	0.587004924	1
Obesity	SMC	<i>HAAO</i>	-0.010730599	8.66E-08	0.000170911	0.000400802
Obesity	SMC	<i>HAGH</i>	-0.00480028	0.000854271	0.109773809	1
Obesity	SMC	<i>HARIA</i>	-0.097875471	1.11E-07	0.000170911	0.000512732
Obesity	SMC	<i>HOXB2</i>	-0.00987165	0.011187444	0.401459735	1
Obesity	SMC	<i>HRCT1</i>	-0.032213062	0.049987062	0.713348778	1
Obesity	SMC	<i>HSD17B1</i>	-0.031623133	0.000106812	0.030882046	0.494112735
Obesity	SMC	<i>HSD17B3</i>	-0.013956682	0.046280372	0.713348778	1
Obesity	SMC	<i>HSPB7</i>	-0.044596138	0.000469317	0.08326822	1
Obesity	SMC	<i>IFIT1B</i>	-0.055769484	0.009077039	0.380091199	1
Obesity	SMC	<i>IFITM2</i>	-0.005103391	0.044024731	0.710218258	1
Obesity	SMC	<i>IFT80</i>	0.003061692	0.04971345	0.713348778	1
Obesity	SMC	<i>IL1RL2</i>	-0.012298607	0.001342113	0.147824157	1
Obesity	SMC	<i>IL4R</i>	0.002700318	0.033025988	0.632696406	1
Obesity	SMC	<i>IMPA2</i>	0.008352893	0.004968086	0.264165126	1
Obesity	SMC	<i>IQCG</i>	0.00353054	0.028179097	0.587004924	1
Obesity	SMC	<i>IRGM</i>	-0.023157005	0.016978199	0.471089954	1
Obesity	SMC	<i>JAKMIP3</i>	-0.029980899	0.030463441	0.610925955	1
Obesity	SMC	<i>JMJD8</i>	-0.013293771	0.035837953	0.643316037	1
Obesity	SMC	<i>JSRP1</i>	-0.071636702	0.003562677	0.246708396	1
Obesity	SMC	<i>KCNH4</i>	-0.072060156	0.003908269	0.248231023	1
Obesity	SMC	<i>KCNN2</i>	-0.057072201	0.008442513	0.372757749	1
Obesity	SMC	<i>KHDC1</i>	-0.008404621	0.004672837	0.257339785	1
Obesity	SMC	<i>KLHDC9</i>	0.034124134	0.033645334	0.632696406	1
Obesity	SMC	<i>KLHL31</i>	-0.00789208	0.018001174	0.486278099	1
Obesity	SMC	<i>KNOP1</i>	0.006862658	0.027521486	0.585930926	1
Obesity	SMC	<i>KNSTRN</i>	0.014992658	0.003242994	0.246708396	1
Obesity	SMC	<i>L3MBTL2</i>	-0.019015991	5.49E-05	0.021215231	0.25394709
Obesity	SMC	<i>LAMP5</i>	0.018891972	0.02271272	0.547234597	1
Obesity	SMC	<i>LDHC</i>	-0.051479336	0.009662654	0.388690753	1
Obesity	SMC	<i>LINC00115</i>	-0.017684766	7.34E-05	0.024775652	0.339534654
Obesity	SMC	<i>LINC00342</i>	0.007727091	0.040328097	0.67550932	1
Obesity	SMC	<i>LINC00664</i>	-0.044829242	0.045567973	0.713348778	1
Obesity	SMC	<i>LINC00987</i>	0.009812772	0.013675219	0.438577697	1
Obesity	SMC	<i>LINC01116</i>	-0.023411776	0.035878845	0.643316037	1
Obesity	SMC	<i>LMF1</i>	0.005458109	0.005525236	0.283997138	1
Obesity	SMC	<i>LRRC46</i>	-0.15156423	0.000115122	0.031326651	0.532553073
Obesity	SMC	<i>LRRC57</i>	0.005042219	0.027564947	0.585930926	1
Obesity	SMC	<i>MACROD2</i>	-0.001185465	0.040442175	0.67550932	1
Obesity	SMC	<i>MED25</i>	-0.00633585	0.049705436	0.713348778	1
Obesity	SMC	<i>MFAP3L</i>	-0.028577596	0.002229542	0.202232593	1
Obesity	SMC	<i>MLST8</i>	-0.021068154	0.024047237	0.557390985	1
Obesity	SMC	<i>MPHOSPH6</i>	-0.00351035	0.036408393	0.647789329	1
Obesity	SMC	<i>MRPL20</i>	0.004989942	0.005162821	0.271400138	1
Obesity	SMC	<i>MRPL54</i>	-0.007188338	0.047682178	0.713348778	1
Obesity	SMC	<i>MRPL55</i>	0.011863442	0.022560613	0.54641568	1
Obesity	SMC	<i>MT1A</i>	-0.071769248	0.003510912	0.246708396	1

Obesity	SMC	<i>MTMR3</i>	0.002566802	0.000486001	0.08326822	1
Obesity	SMC	<i>MXD3</i>	-0.021260639	0.027196072	0.585930926	1
Obesity	SMC	<i>NDE1</i>	-0.003281889	0.035600661	0.643316037	1
Obesity	SMC	<i>NDUFA3</i>	-0.006845771	0.005400076	0.280682618	1
Obesity	SMC	<i>NDUFA6</i>	0.016578975	0.004380297	0.254779975	1
Obesity	SMC	<i>NFATC3</i>	0.002274897	0.037766393	0.655982408	1
Obesity	SMC	<i>NFUI</i>	-0.005128572	0.003662607	0.246708396	1
Obesity	SMC	<i>NME5</i>	-0.016389735	0.04881446	0.713348778	1
Obesity	SMC	<i>NOA1</i>	-0.008391982	0.048199327	0.713348778	1
Obesity	SMC	<i>NOTCH2NL</i>	-0.075003649	0.016971663	0.471089954	1
Obesity	SMC	<i>NSUN2</i>	0.005226093	0.018859284	0.498531706	1
Obesity	SMC	<i>NSUN3</i>	0.003944471	0.000245461	0.051613772	1
Obesity	SMC	<i>NSUN4</i>	-0.006882291	0.013588409	0.438577697	1
Obesity	SMC	<i>NT5DC2</i>	-0.019257654	0.024547467	0.559392038	1
Obesity	SMC	<i>NT5DC3</i>	-0.005124171	0.022949136	0.5474426	1
Obesity	SMC	<i>NUDCD3</i>	0.002178165	0.032984077	0.632696406	1
Obesity	SMC	<i>NUDT18</i>	-0.027888114	0.042773843	0.696731684	1
Obesity	SMC	<i>NXNL1</i>	-0.064348116	0.02343746	0.551144716	1
Obesity	SMC	<i>NYAP1</i>	0.033101566	0.019335883	0.502018482	1
Obesity	SMC	<i>ODF2</i>	-0.012476735	1.19E-05	0.007846997	0.05492898
Obesity	SMC	<i>OSM</i>	-0.109736719	0.008758187	0.378648332	1
Obesity	SMC	<i>OTOF</i>	0.066616972	0.018999203	0.499376778	1
Obesity	SMC	<i>OXGR1</i>	-0.078679338	0.006454988	0.317667801	1
Obesity	SMC	<i>PAK4</i>	-0.012524125	0.00377819	0.246708396	1
Obesity	SMC	<i>PAXIP1-AS1</i>	-0.008814419	0.006139218	0.308695885	1
Obesity	SMC	<i>PCDHA3</i>	0.143718381	0.015595745	0.462473819	1
Obesity	SMC	<i>PCDHB11</i>	-0.059704634	0.007304786	0.337966152	1
Obesity	SMC	<i>PCDHB4</i>	-0.028425181	0.00055933	0.086248756	1
Obesity	SMC	<i>PCDHGA1</i>	-0.028711288	0.004004178	0.249801287	1
Obesity	SMC	<i>PDZK1IP1</i>	-0.028837349	0.010920679	0.397787872	1
Obesity	SMC	<i>PENK</i>	-0.119058361	0.01604	0.468132146	1
Obesity	SMC	<i>PGP</i>	0.00637178	0.012228138	0.417556091	1
Obesity	SMC	<i>PHF10</i>	0.008741749	0.010902179	0.397787872	1
Obesity	SMC	<i>PHYH</i>	-0.008338599	0.001753328	0.17632381	1
Obesity	SMC	<i>PIF1</i>	0.040593672	0.0066613	0.322593639	1
Obesity	SMC	<i>PIGO</i>	-0.013180622	0.001112883	0.125565745	1
Obesity	SMC	<i>PLA1A</i>	-0.027390748	0.037113434	0.652801312	1
Obesity	SMC	<i>POGLUT1</i>	0.006594085	0.01678142	0.471089954	1
Obesity	SMC	<i>POU5F1</i>	-0.041222697	0.020424488	0.519141101	1
Obesity	SMC	<i>POU6F2</i>	-0.009735691	0.010429054	0.397787872	1
Obesity	SMC	<i>PPP1R27</i>	-0.148131914	0.003670113	0.246708396	1
Obesity	SMC	<i>PPP5C</i>	-0.00809457	0.023470711	0.551144716	1
Obesity	SMC	<i>PPWD1</i>	-0.002250589	0.044860944	0.713348778	1
Obesity	SMC	<i>PRKCSH</i>	0.016937736	0.021034483	0.523148871	1
Obesity	SMC	<i>PROM2</i>	-0.13448419	0.003771462	0.246708396	1
Obesity	SMC	<i>PRPH2</i>	-0.008585152	0.023235716	0.551144716	1
Obesity	SMC	<i>PSMD13</i>	0.006546349	0.013747031	0.438577697	1
Obesity	SMC	<i>PWWP2B</i>	0.023089999	0.000101174	0.030882046	0.468030882
Obesity	SMC	<i>RAB11FIP3</i>	-0.004411357	0.013465106	0.438577697	1
Obesity	SMC	<i>RAB5C</i>	-0.013458699	0.000597897	0.086433548	1
Obesity	SMC	<i>RAD54L2</i>	-0.006012066	0.028014939	0.587004924	1
Obesity	SMC	<i>RAD9A</i>	0.003518389	0.015083229	0.459046172	1

Obesity	SMC	<i>RASAL2-AS1</i>	-0.100742916	0.006959429	0.329487641	1
Obesity	SMC	<i>RASL10B</i>	-0.061996647	0.039987102	0.675110702	1
Obesity	SMC	<i>RCSD1</i>	0.001678729	0.003702678	0.246708396	1
Obesity	SMC	<i>RGCC</i>	0.008488993	6.50E-09	3.01E-05	3.01E-05
Obesity	SMC	<i>RGS22</i>	-0.004184947	0.011195051	0.401459735	1
Obesity	SMC	<i>RHBDF2</i>	0.00539388	0.029760036	0.606475452	1
Obesity	SMC	<i>RHOD</i>	0.019019136	0.03519668	0.643316037	1
Obesity	SMC	<i>RHPN1</i>	-0.039436532	0.017628165	0.48540412	1
Obesity	SMC	<i>RNLS</i>	-0.002911536	0.019425272	0.502018482	1
Obesity	SMC	<i>RPS13</i>	-0.000824433	0.032658769	0.632696406	1
Obesity	SMC	<i>RPS23</i>	0.002241852	0.012366015	0.417556091	1
Obesity	SMC	<i>RPS6KB2</i>	0.010552995	0.003511997	0.246708396	1
Obesity	SMC	<i>RPS6KC1</i>	-0.002451163	0.044062395	0.710218258	1
Obesity	SMC	<i>RUFY2</i>	-0.002012801	0.033619687	0.632696406	1
Obesity	SMC	<i>SAMD12</i>	-0.002579857	0.014812446	0.453790562	1
Obesity	SMC	<i>SCN11A</i>	-0.030057329	0.021594757	0.528222733	1
Obesity	SMC	<i>SDK1</i>	-0.00166369	0.010215918	0.397787872	1
Obesity	SMC	<i>SDSL</i>	0.015061717	0.012215475	0.417556091	1
Obesity	SMC	<i>SEC63</i>	0.003959484	0.027363449	0.585930926	1
Obesity	SMC	<i>SEMA7A</i>	-0.031608249	0.008932209	0.380091199	1
Obesity	SMC	<i>SGTA</i>	-0.01236765	0.048885743	0.713348778	1
Obesity	SMC	<i>SH3YL1</i>	0.005586721	0.041784391	0.685441815	1
Obesity	SMC	<i>SIGLEC7</i>	0.016673019	0.021001946	0.523148871	1
Obesity	SMC	<i>SIRPB1</i>	-0.095326681	0.03978486	0.675110702	1
Obesity	SMC	<i>SIRT3</i>	-0.007599289	0.010890173	0.397787872	1
Obesity	SMC	<i>SLAIN2</i>	0.0039388	0.018360333	0.488131608	1
Obesity	SMC	<i>SLC1A7</i>	-0.032557578	0.016345802	0.471089954	1
Obesity	SMC	<i>SLC25A32</i>	0.003269757	0.024098184	0.557390985	1
Obesity	SMC	<i>SLC26A10</i>	-0.024699218	0.001019936	0.125565745	1
Obesity	SMC	<i>SLC27A5</i>	-0.013688569	0.04111603	0.679295548	1
Obesity	SMC	<i>SLC35B4</i>	-0.008268664	0.007452489	0.34133874	1
Obesity	SMC	<i>SLC36A1</i>	0.004281349	0.047407431	0.713348778	1
Obesity	SMC	<i>SLC37A4</i>	0.017117821	0.041011051	0.679295548	1
Obesity	SMC	<i>SLC6A1</i>	-0.011819415	0.002640494	0.226202296	1
Obesity	SMC	<i>SLC6A3</i>	0.057586591	0.021371357	0.527790562	1
Obesity	SMC	<i>SLC9A3</i>	-0.042726502	0.037970023	0.655982408	1
Obesity	SMC	<i>SLFN11</i>	-0.008302509	4.87E-06	0.004501608	0.022508041
Obesity	SMC	<i>SMIM19</i>	-0.004554147	0.001101332	0.125565745	1
Obesity	SMC	<i>SNIP1</i>	-0.005412382	0.043222847	0.70157505	1
Obesity	SMC	<i>SNX22</i>	-0.013058422	0.000760314	0.103447427	1
Obesity	SMC	<i>SPSB2</i>	-0.008587549	0.049601546	0.713348778	1
Obesity	SMC	<i>ST14</i>	0.005429637	0.025349568	0.569257778	1
Obesity	SMC	<i>STIM2</i>	0.002266988	0.04920142	0.713348778	1
Obesity	SMC	<i>STRN4</i>	-0.013262471	0.013080633	0.438485584	1
Obesity	SMC	<i>STYX</i>	-0.006776929	0.009575025	0.388690753	1
Obesity	SMC	<i>SURF1</i>	-0.008542413	0.014411476	0.448314383	1
Obesity	SMC	<i>TAF1B</i>	-0.005778424	0.013435876	0.438577697	1
Obesity	SMC	<i>TAPBPL</i>	0.004109331	0.024340887	0.559392038	1
Obesity	SMC	<i>TBC1D4</i>	0.003105012	0.004960994	0.264165126	1
Obesity	SMC	<i>TCTE1</i>	-0.115321929	0.008460779	0.372757749	1
Obesity	SMC	<i>TCTE3</i>	0.004826965	0.034841258	0.642134104	1
Obesity	SMC	<i>TEPP</i>	-0.07147157	0.00669455	0.322593639	1

Obesity	SMC	<i>TFR2</i>	0.010808936	0.014439871	0.448314383	1
Obesity	SMC	<i>TMC4</i>	-0.015175603	0.002342038	0.208012707	1
Obesity	SMC	<i>TMC6</i>	0.005221264	0.000695346	0.097474815	1
Obesity	SMC	<i>TMEM50B</i>	0.005546723	0.009120217	0.380091199	1
Obesity	SMC	<i>TMEM56</i>	0.015975643	0.008547896	0.373043087	1
Obesity	SMC	<i>TMEM69</i>	-0.006891731	0.031647216	0.625641121	1
Obesity	SMC	<i>TMEM9</i>	0.006631613	0.024444877	0.559392038	1
Obesity	SMC	<i>TMEM99</i>	0.026149836	0.015284578	0.45924555	1
Obesity	SMC	<i>TMTC4</i>	-0.007236047	0.004491169	0.256495631	1
Obesity	SMC	<i>TRIM27</i>	0.008760885	0.009983252	0.397787872	1
Obesity	SMC	<i>TSR3</i>	-0.010803896	0.000186364	0.041053307	0.862119454
Obesity	SMC	<i>TTC38</i>	-0.005822262	0.003379003	0.246708396	1
Obesity	SMC	<i>TTC9C</i>	-0.007423257	0.019616232	0.504137167	1
Obesity	SMC	<i>TXNL4A</i>	-0.003479724	0.010485698	0.397787872	1
Obesity	SMC	<i>U2AF1L4</i>	-0.024102025	0.032913078	0.632696406	1
Obesity	SMC	<i>UBA52</i>	0.002723874	0.030638742	0.610925955	1
Obesity	SMC	<i>UROS</i>	0.007049857	0.038004469	0.655982408	1
Obesity	SMC	<i>UTS2</i>	-0.021753445	0.001395323	0.150110779	1
Obesity	SMC	<i>VAMP4</i>	0.004574862	0.004049956	0.249801287	1
Obesity	SMC	<i>VIPR2</i>	-0.002995849	0.026741568	0.585930926	1
Obesity	SMC	<i>VPS29</i>	0.00388266	0.046918982	0.713348778	1
Obesity	SMC	<i>VPS37D</i>	0.055429603	0.034555492	0.642134104	1
Obesity	SMC	<i>WDFY4</i>	0.002132883	0.015366806	0.45924555	1
Obesity	SMC	<i>WDR6</i>	-0.006589623	2.54E-05	0.014660626	0.117285007
Obesity	SMC	<i>WDR63</i>	-0.004494159	0.027984039	0.587004924	1
Obesity	SMC	<i>WRAP73</i>	-0.012957593	0.001976828	0.186628714	1
Obesity	SMC	<i>WTAP</i>	0.004205531	0.046765165	0.713348778	1
Obesity	SMC	<i>XKR9</i>	-0.00952442	0.031978781	0.629505699	1
Obesity	SMC	<i>ZBTB49</i>	0.005993472	0.045371167	0.713348778	1
Obesity	SMC	<i>ZC3H3</i>	0.005725513	0.044929967	0.713348778	1
Obesity	SMC	<i>ZFPM1</i>	-0.010757442	0.016024977	0.468132146	1
Obesity	SMC	<i>ZMYND12</i>	-0.047127491	0.009594655	0.388690753	1
Obesity	SMC	<i>ZNF264</i>	0.004241713	0.011858001	0.417556091	1
Obesity	SMC	<i>ZNF334</i>	-0.011642946	9.31E-06	0.007181574	0.043089441
Obesity	SMC	<i>ZNF343</i>	-0.028358392	0.000791427	0.104604008	1
Obesity	SMC	<i>ZNF417</i>	-0.029533417	0.039961991	0.675110702	1
Obesity	SMC	<i>ZNF419</i>	-0.024436584	0.00783023	0.355123966	1
Obesity	SMC	<i>ZNF500</i>	0.012259209	0.010667209	0.397787872	1
Obesity	SMC	<i>ZNF507</i>	-0.006677614	0.000365468	0.07044393	1
Obesity	SMC	<i>ZNF550</i>	0.006788978	0.036832714	0.6503364	1
Obesity	SMC	<i>ZNF605</i>	-0.014053519	0.042343006	0.69215104	1
Obesity	SMC	<i>ZNF613</i>	-0.024603882	0.016642884	0.471089954	1
Obesity	SMC	<i>ZNF667</i>	-0.01964256	0.02812923	0.587004924	1
Obesity	SMC	<i>ZNF740</i>	-0.011326288	0.039904451	0.675110702	1
Obesity	SMC	<i>ZNF772</i>	0.028836598	0.008274149	0.371613733	1
Obesity	SMC	<i>ZNF780A</i>	-0.018619243	0.029971755	0.608111134	1
Obesity	SMC	<i>ZNF880</i>	0.007441839	0.003699424	0.246708396	1
Obesity	SMC	<i>CCL4L2</i>	-0.018380897	0.048087452	0.713348778	1
Obesity	SMC	<i>PCDH10</i>	-0.03204833	0.000138018	0.035152136	0.638469968
Obesity	SMC	<i>PROKR1</i>	0.12092963	0.00281969	0.237161523	1
Obesity	SMC	<i>RPRML</i>	0.042294937	0.041387273	0.681343501	1
Obesity	SMC	<i>POLR2J2</i>	-0.108369267	0.00566145	0.287800743	1

Obesity	SMC	<i>PRG2</i>	-0.009094121	0.02169527	0.528222733	1
Obesity	SMC	<i>OR52N1</i>	-0.017826214	0.012106075	0.417556091	1
Obesity	SMC	<i>OR52N5</i>	-0.017209447	0.003784	0.246708396	1
Obesity	SMC	<i>LINC01123</i>	-0.023195623	0.006227573	0.309771542	1
Obesity	SMC	<i>HCG22</i>	-0.009132047	0.001558064	0.163629535	1
Obesity	SMC	<i>LINC00364</i>	-0.028792509	0.000382668	0.070808944	1
Obesity	t_cell	<i>A4GNT</i>	-0.106493413	0.008641149	0.396451922	1
Obesity	t_cell	<i>ABCD3</i>	0.002824078	0.044838083	0.762801442	1
Obesity	t_cell	<i>AC009403.2</i>	-0.04800871	0.001858938	0.172957021	1
Obesity	t_cell	<i>AC009495.3</i>	-0.035941018	0.011411395	0.432697644	1
Obesity	t_cell	<i>AC016773.1</i>	-0.013987795	0.046005534	0.762801442	1
Obesity	t_cell	<i>AC131971.1</i>	0.060275638	0.010760967	0.41685076	1
Obesity	t_cell	<i>ACOX3</i>	0.009643958	0.00052567	0.121587444	1
Obesity	t_cell	<i>ADAT1</i>	0.012949699	0.005952979	0.316534267	1
Obesity	t_cell	<i>ADSS</i>	0.002793524	0.033312912	0.694169049	1
Obesity	t_cell	<i>AHRR</i>	0.016609633	0.000264577	0.119417772	1
Obesity	t_cell	<i>AIM2</i>	-0.005553518	0.018364893	0.562622473	1
Obesity	t_cell	<i>AL590822.1</i>	-0.034040014	0.000457978	0.119417772	1
Obesity	t_cell	<i>ALDH8A1</i>	-0.018605748	0.018661179	0.56793824	1
Obesity	t_cell	<i>ALYREF</i>	-0.040378723	0.030811767	0.688576002	1
Obesity	t_cell	<i>AMIGO1</i>	0.067000801	0.037440534	0.721869819	1
Obesity	t_cell	<i>ANAPC11</i>	0.004546229	0.025931304	0.662752566	1
Obesity	t_cell	<i>ANGPT4</i>	0.005898362	0.047699922	0.769937578	1
Obesity	t_cell	<i>ANKRD54</i>	-0.017570228	0.003731547	0.253854925	1
Obesity	t_cell	<i>ANKS6</i>	0.009545059	0.001324264	0.145858229	1
Obesity	t_cell	<i>AP2S1</i>	-0.003853455	0.023480606	0.642729484	1
Obesity	t_cell	<i>AP3B2</i>	-0.019472369	0.032437877	0.692319605	1
Obesity	t_cell	<i>AP4M1</i>	-0.006953472	0.018158336	0.560003085	1
Obesity	t_cell	<i>ARL6IP5</i>	0.003231736	0.002507444	0.207132793	1
Obesity	t_cell	<i>ARPC5</i>	-0.002538185	0.013527549	0.477698024	1
Obesity	t_cell	<i>ASPG</i>	-0.08805042	0.013935054	0.483145178	1
Obesity	t_cell	<i>ATF6B</i>	-0.003639823	0.033808226	0.698200229	1
Obesity	t_cell	<i>B4GALT7</i>	-0.037383509	0.001677991	0.168747504	1
Obesity	t_cell	<i>BCL2L2</i>	0.009104105	0.000138775	0.106995389	0.641972334
Obesity	t_cell	<i>BOC</i>	-0.001638305	0.030529735	0.68558522	1
Obesity	t_cell	<i>BTBD1</i>	0.003565194	0.009412517	0.406220595	1
Obesity	t_cell	<i>C11orf21</i>	0.022580736	0.001139619	0.131796911	1
Obesity	t_cell	<i>C19orf24</i>	-0.008629532	0.043668951	0.762801442	1
Obesity	t_cell	<i>C1orf226</i>	-0.05162534	0.00274558	0.218983666	1
Obesity	t_cell	<i>CALML4</i>	0.043185686	0.010395779	0.411033112	1
Obesity	t_cell	<i>CANX</i>	-0.003045744	0.026494646	0.669594158	1
Obesity	t_cell	<i>CAPN5</i>	0.016065936	0.021366804	0.610140964	1
Obesity	t_cell	<i>CAPS</i>	0.007327055	0.046669807	0.765583422	1
Obesity	t_cell	<i>CARHSP1</i>	-0.003096756	0.045764755	0.762801442	1
Obesity	t_cell	<i>CBLB</i>	0.001161538	0.048058433	0.769937578	1
Obesity	t_cell	<i>CCDC127</i>	0.014008538	0.034091028	0.700911532	1
Obesity	t_cell	<i>CCDC153</i>	-0.047089455	0.004908235	0.294495346	1
Obesity	t_cell	<i>CCDC154</i>	-0.011108701	0.017362404	0.546384216	1
Obesity	t_cell	<i>CCDC74A</i>	-0.157608839	0.031478016	0.692319605	1
Obesity	t_cell	<i>CCT8</i>	-0.006833671	0.016556483	0.530077149	1
Obesity	t_cell	<i>CD8B</i>	0.028196001	0.028721305	0.680496591	1
Obesity	t_cell	<i>CDC25B</i>	-0.011414565	0.03242828	0.692319605	1

Obesity	t_cell	<i>CDH15</i>	-0.030026477	0.000304315	0.119417772	1
Obesity	t_cell	<i>CDKN2AIPNL</i>	-0.017782958	0.020369363	0.596383994	1
Obesity	t_cell	<i>CDRT4</i>	-0.053363052	0.041151741	0.762801442	1
Obesity	t_cell	<i>CENPP</i>	-0.003191122	0.017852621	0.554269967	1
Obesity	t_cell	<i>CEP104</i>	-0.004219398	0.047363073	0.769937578	1
Obesity	t_cell	<i>CEP68</i>	0.002965272	0.031886462	0.692319605	1
Obesity	t_cell	<i>CEP72</i>	-0.015329324	0.015687523	0.521927329	1
Obesity	t_cell	<i>CIAO1</i>	-0.004484659	0.03136988	0.692319605	1
Obesity	t_cell	<i>CLCA4</i>	-0.059272541	0.029586428	0.680496591	1
Obesity	t_cell	<i>CLDN1</i>	-0.002830782	0.025599962	0.657919013	1
Obesity	t_cell	<i>CLDN7</i>	-0.013342128	0.015618351	0.521927329	1
Obesity	t_cell	<i>CLEC18A</i>	-0.051883284	0.000978346	0.131796911	1
Obesity	t_cell	<i>CLEC4G</i>	0.125819625	0.005814128	0.316425377	1
Obesity	t_cell	<i>CLHC1</i>	-0.005513671	0.048266731	0.769937578	1
Obesity	t_cell	<i>COLCA1</i>	-0.022576203	0.025266997	0.655070436	1
Obesity	t_cell	<i>CSMD1</i>	-0.005998861	0.032489682	0.692319605	1
Obesity	t_cell	<i>CTNND2</i>	-0.011601602	0.009922605	0.411033112	1
Obesity	t_cell	<i>CWC15</i>	0.003935553	0.026899857	0.669594158	1
Obesity	t_cell	<i>CXCL6</i>	0.018689988	0.015108279	0.510152553	1
Obesity	t_cell	<i>CYP2U1</i>	0.015348346	0.008123012	0.387392309	1
Obesity	t_cell	<i>CYP4F11</i>	-0.007232603	0.003666423	0.253147346	1
Obesity	t_cell	<i>CYP4V2</i>	0.010522205	0.007733828	0.376596707	1
Obesity	t_cell	<i>DDHD2</i>	-0.002702626	0.036839299	0.721869819	1
Obesity	t_cell	<i>DDTL</i>	-0.024353088	0.010205235	0.411033112	1
Obesity	t_cell	<i>DDX25</i>	-0.020112111	0.01646972	0.530077149	1
Obesity	t_cell	<i>DDX42</i>	0.004015135	0.001866757	0.172957021	1
Obesity	t_cell	<i>DHX34</i>	-0.003534737	0.043071629	0.762801442	1
Obesity	t_cell	<i>DNAAF1</i>	-0.088642388	0.008912884	0.396451922	1
Obesity	t_cell	<i>DNLZ</i>	0.119570137	0.00042629	0.119417772	1
Obesity	t_cell	<i>DNPEP</i>	0.009149475	0.026885859	0.669594158	1
Obesity	t_cell	<i>DPP7</i>	-0.004137457	0.037418841	0.721869819	1
Obesity	t_cell	<i>EBPL</i>	0.00571037	0.02087881	0.603658607	1
Obesity	t_cell	<i>EFCAB1</i>	0.048274251	0.009318956	0.406220595	1
Obesity	t_cell	<i>EIF3B</i>	0.003922744	0.029576006	0.680496591	1
Obesity	t_cell	<i>ELOVL4</i>	-0.089850714	0.000400592	0.119417772	1
Obesity	t_cell	<i>EMILIN3</i>	0.046079714	0.032625524	0.692319605	1
Obesity	t_cell	<i>EPCAM</i>	-0.030476848	0.0003779	0.119417772	1
Obesity	t_cell	<i>EPHX2</i>	-0.006069896	0.0278421	0.674332751	1
Obesity	t_cell	<i>EXOSC10</i>	0.009982237	0.00259546	0.210642062	1
Obesity	t_cell	<i>EXOSC6</i>	-0.007024981	0.044462972	0.762801442	1
Obesity	t_cell	<i>EYA3</i>	0.004266647	0.006848956	0.355308386	1
Obesity	t_cell	<i>EZH1</i>	0.004012983	0.031772307	0.692319605	1
Obesity	t_cell	<i>FAHDI</i>	0.010623812	0.040275529	0.754310118	1
Obesity	t_cell	<i>FAM111A</i>	-0.004703809	0.003164641	0.239993901	1
Obesity	t_cell	<i>FAM182B</i>	-0.017304248	0.001137493	0.131796911	1
Obesity	t_cell	<i>FAM72B</i>	-0.016758	0.016615042	0.530077149	1
Obesity	t_cell	<i>FANCF</i>	0.016774876	0.007480055	0.368114176	1
Obesity	t_cell	<i>FANCG</i>	0.052365929	0.000650373	0.122192308	1
Obesity	t_cell	<i>FDPS</i>	0.003039653	0.025008018	0.655070436	1
Obesity	t_cell	<i>FN3KRP</i>	-0.008595902	0.034843916	0.701617413	1
Obesity	t_cell	<i>FOLR3</i>	0.117763713	0.00212321	0.181888361	1
Obesity	t_cell	<i>FOXN2</i>	0.002262336	0.029775529	0.680496591	1

Obesity	t_cell	<i>FTSJ3</i>	-0.01043086	0.005029211	0.294495346	1
Obesity	t_cell	<i>GALR1</i>	-0.073242108	0.045882938	0.762801442	1
Obesity	t_cell	<i>GAS2L2</i>	-0.170169773	0.013995126	0.483145178	1
Obesity	t_cell	<i>GCFC2</i>	-0.00215532	0.045370827	0.762801442	1
Obesity	t_cell	<i>GDPD1</i>	0.00362035	0.043230105	0.762801442	1
Obesity	t_cell	<i>GGPS1</i>	0.005447122	0.002031098	0.177280335	1
Obesity	t_cell	<i>GNMT</i>	-0.039644606	0.048077402	0.769937578	1
Obesity	t_cell	<i>GPANK1</i>	0.013239399	0.042194904	0.762801442	1
Obesity	t_cell	<i>GPX7</i>	-0.009396564	0.010078832	0.411033112	1
Obesity	t_cell	<i>GSTT2B</i>	-0.047509178	0.000773047	0.122192308	1
Obesity	t_cell	<i>GXYLT2</i>	-0.003080988	0.021698369	0.615807702	1
Obesity	t_cell	<i>HAAO</i>	0.00449208	0.024878259	0.655070436	1
Obesity	t_cell	<i>HAR1A</i>	-0.068806472	0.000176784	0.112234008	0.817804333
Obesity	t_cell	<i>HAUS6</i>	-0.00953187	0.003397056	0.245543472	1
Obesity	t_cell	<i>HELLS</i>	0.005825526	0.045427729	0.762801442	1
Obesity	t_cell	<i>HOXD1</i>	-0.087179284	0.01399433	0.483145178	1
Obesity	t_cell	<i>HYAL3</i>	-0.085102069	0.032300647	0.692319605	1
Obesity	t_cell	<i>ING3</i>	0.006003553	0.007321594	0.364190277	1
Obesity	t_cell	<i>IPO7</i>	0.004867342	0.006989421	0.355308386	1
Obesity	t_cell	<i>IQCG</i>	0.005186679	0.001609761	0.167285739	1
Obesity	t_cell	<i>IQCH-AS1</i>	0.004700135	0.001990674	0.177093417	1
Obesity	t_cell	<i>IRX6</i>	-0.011933355	0.029218746	0.680496591	1
Obesity	t_cell	<i>ITGAV</i>	-0.002354237	0.039972656	0.751680931	1
Obesity	t_cell	<i>JKAMP</i>	-0.00525428	0.033523925	0.695433524	1
Obesity	t_cell	<i>JSRP1</i>	0.082183288	0.000845256	0.122192308	1
Obesity	t_cell	<i>KCNK17</i>	-0.04100844	0.003068809	0.236605191	1
Obesity	t_cell	<i>KIAA1468</i>	-0.00223446	0.00431579	0.276165274	1
Obesity	t_cell	<i>KLHDC9</i>	-0.045513835	0.004357991	0.276165274	1
Obesity	t_cell	<i>KLK5</i>	-0.027556127	0.027038153	0.669594158	1
Obesity	t_cell	<i>KNSTRN</i>	-0.015982238	0.001627293	0.167285739	1
Obesity	t_cell	<i>KRT7</i>	-0.031366188	0.025299896	0.655070436	1
Obesity	t_cell	<i>KSR1</i>	0.003712806	0.034613393	0.701617413	1
Obesity	t_cell	<i>LAMC2</i>	0.015322577	0.017618524	0.550697918	1
Obesity	t_cell	<i>LCAT</i>	-0.009349449	0.001906789	0.172957021	1
Obesity	t_cell	<i>LGALS4</i>	-0.02219278	0.043613604	0.762801442	1
Obesity	t_cell	<i>LINC00839</i>	-0.107887294	1.85E-05	0.029535288	0.085767437
Obesity	t_cell	<i>LINC00924</i>	-0.008212681	0.008828827	0.396451922	1
Obesity	t_cell	<i>LINC00989</i>	-0.001840368	0.034702194	0.701617413	1
Obesity	t_cell	<i>LINC01068</i>	0.056067955	0.022546846	0.632131567	1
Obesity	t_cell	<i>LINGO4</i>	0.076759683	0.029815355	0.680496591	1
Obesity	t_cell	<i>LIPC</i>	-0.008975385	0.043464605	0.762801442	1
Obesity	t_cell	<i>LRRC57</i>	0.004496492	0.048740303	0.772166587	1
Obesity	t_cell	<i>LYPD5</i>	-0.035927291	0.008211933	0.387636733	1
Obesity	t_cell	<i>MAP1A</i>	-0.049388185	0.000478983	0.119417772	1
Obesity	t_cell	<i>MAPK8IP1</i>	-0.057544034	0.005719396	0.314975321	1
Obesity	t_cell	<i>MBLAC1</i>	-0.016885149	0.030156031	0.680496591	1
Obesity	t_cell	<i>MIPEP</i>	0.006986435	0.045351902	0.762801442	1
Obesity	t_cell	<i>MOV10</i>	0.005007837	0.027472874	0.6724313	1
Obesity	t_cell	<i>MPHOSPH6</i>	-0.004907572	0.003392376	0.245543472	1
Obesity	t_cell	<i>MPHOSPH8</i>	0.002355678	0.025347516	0.655070436	1
Obesity	t_cell	<i>MRPL20</i>	-0.00373596	0.033243606	0.694169049	1
Obesity	t_cell	<i>MRPL55</i>	0.010454954	0.044417248	0.762801442	1

Obesity	t_cell	<i>MRPS15</i>	-0.01366947	0.00938582	0.406220595	1
Obesity	t_cell	<i>MTRFIL</i>	-0.009396874	0.013124984	0.470668033	1
Obesity	t_cell	<i>MUL1</i>	-0.010976643	0.0480893	0.769937578	1
Obesity	t_cell	<i>NAA11</i>	-0.013612074	3.49E-07	0.001614723	0.001614723
Obesity	t_cell	<i>NADSYN1</i>	-0.004043401	0.0451335	0.762801442	1
Obesity	t_cell	<i>NDNF</i>	0.023480885	0.010092123	0.411033112	1
Obesity	t_cell	<i>NDUFA3</i>	0.008406448	0.000663848	0.122192308	1
Obesity	t_cell	<i>NDUFA6</i>	0.011760324	0.041659821	0.762801442	1
Obesity	t_cell	<i>NDUFB1</i>	-0.00458686	0.038478938	0.732464791	1
Obesity	t_cell	<i>NDUFS8</i>	-0.008613905	0.0079903	0.385032572	1
Obesity	t_cell	<i>NEK1</i>	-0.000840652	0.025300291	0.655070436	1
Obesity	t_cell	<i>NFE2L2</i>	0.003546841	0.009483749	0.406220595	1
Obesity	t_cell	<i>NIM1K</i>	-0.078324832	0.030040328	0.680496591	1
Obesity	t_cell	<i>NLRP2</i>	-0.021546747	0.01730585	0.546384216	1
Obesity	t_cell	<i>NOS2</i>	-0.138808348	0.011602744	0.436376361	1
Obesity	t_cell	<i>NPFFR2</i>	-0.032178878	0.045071307	0.762801442	1
Obesity	t_cell	<i>NRXN2</i>	0.022146406	0.005164633	0.296016975	1
Obesity	t_cell	<i>NT5M</i>	0.012504069	0.02297165	0.636328466	1
Obesity	t_cell	<i>NUDCD3</i>	-0.003347418	0.00106186	0.131796911	1
Obesity	t_cell	<i>NUDT2</i>	-0.006898582	0.027067468	0.669594158	1
Obesity	t_cell	<i>ORAI1</i>	0.032651719	0.000668266	0.122192308	1
Obesity	t_cell	<i>PARK7</i>	-0.004715872	0.010363999	0.411033112	1
Obesity	t_cell	<i>PAX6</i>	-0.027433151	0.039878438	0.751680931	1
Obesity	t_cell	<i>PAXIP1-AS1</i>	0.010300861	0.001486265	0.159894515	1
Obesity	t_cell	<i>PAXIP1-AS2</i>	0.006796382	0.000830432	0.122192308	1
Obesity	t_cell	<i>PBLD</i>	0.0100549	0.011312548	0.432494602	1
Obesity	t_cell	<i>PDCD1LG2</i>	0.005592056	0.049743841	0.779847134	1
Obesity	t_cell	<i>PDSS2</i>	0.00264424	0.04303545	0.762801442	1
Obesity	t_cell	<i>PDZD2</i>	-0.001095512	0.045663038	0.762801442	1
Obesity	t_cell	<i>PHYH</i>	0.00809128	0.002395708	0.201500813	1
Obesity	t_cell	<i>PIGZ</i>	-0.009435464	0.004971129	0.294495346	1
Obesity	t_cell	<i>PIP4K2B</i>	0.006479942	0.037864962	0.72381535	1
Obesity	t_cell	<i>PKD2L1</i>	-0.03158416	0.047518211	0.769937578	1
Obesity	t_cell	<i>PLCXD3</i>	0.004695488	0.02644062	0.669594158	1
Obesity	t_cell	<i>PNKD</i>	0.004980812	0.028824285	0.680496591	1
Obesity	t_cell	<i>PNMA2</i>	-0.034648643	0.020198476	0.595147458	1
Obesity	t_cell	<i>POLE4</i>	-0.004751722	0.049916953	0.779847134	1
Obesity	t_cell	<i>PPM1K</i>	-0.005897672	0.001103749	0.131796911	1
Obesity	t_cell	<i>PRDM15</i>	0.008856118	0.015908291	0.521927329	1
Obesity	t_cell	<i>PRG4</i>	-0.005718869	0.035338707	0.701617413	1
Obesity	t_cell	<i>PRIMPOL</i>	-0.003136432	0.003548471	0.252541952	1
Obesity	t_cell	<i>PRSS21</i>	0.004831281	0.030054893	0.680496591	1
Obesity	t_cell	<i>PRSS50</i>	0.161828125	0.003864063	0.259060234	1
Obesity	t_cell	<i>PSMC5</i>	-0.008456265	0.020012214	0.593439127	1
Obesity	t_cell	<i>PUS3</i>	-0.013140791	0.033118252	0.694169049	1
Obesity	t_cell	<i>PWWP2B</i>	-0.014635052	0.012362645	0.457516778	1
Obesity	t_cell	<i>PYROXD1</i>	0.005314032	0.00105083	0.131796911	1
Obesity	t_cell	<i>RAB43</i>	-0.110085633	0.037536355	0.721869819	1
Obesity	t_cell	<i>RAMP2-AS1</i>	-0.011188411	0.005183177	0.296016975	1
Obesity	t_cell	<i>RBL2</i>	0.001778412	0.032147774	0.692319605	1
Obesity	t_cell	<i>RCN2</i>	-0.005565656	0.021297206	0.610140964	1
Obesity	t_cell	<i>REEP2</i>	0.03512127	0.000355126	0.119417772	1

Obesity	t_cell	<i>RFWD2</i>	-0.001264653	0.000378324	0.119417772	1
Obesity	t_cell	<i>RGS14</i>	-0.010136018	0.037304861	0.721869819	1
Obesity	t_cell	<i>RHPN1</i>	0.056731425	0.000797321	0.122192308	1
Obesity	t_cell	<i>RNASET2</i>	0.003082367	0.045247665	0.762801442	1
Obesity	t_cell	<i>RNF157</i>	0.008186017	0.022541415	0.632131567	1
Obesity	t_cell	<i>RPL7L1</i>	-0.006517906	0.042366818	0.762801442	1
Obesity	t_cell	<i>RRM2B</i>	-0.005374681	0.032012296	0.692319605	1
Obesity	t_cell	<i>RTN4</i>	0.002483231	0.007217992	0.362939487	1
Obesity	t_cell	<i>RTN4RL2</i>	-0.0538513	0.019991223	0.593439127	1
Obesity	t_cell	<i>RTP4</i>	-0.028411327	0.048718437	0.772166587	1
Obesity	t_cell	<i>SAP25</i>	0.133891204	0.003056879	0.236605191	1
Obesity	t_cell	<i>SARDH</i>	-0.038437259	0.010768198	0.41685076	1
Obesity	t_cell	<i>SDHA</i>	-0.005321141	8.97E-05	0.082944259	0.414721295
Obesity	t_cell	<i>SEZ6L2</i>	-0.012607576	0.010813249	0.41685076	1
Obesity	t_cell	<i>SFTPD</i>	-0.013348247	0.000761501	0.122192308	1
Obesity	t_cell	<i>SGTA</i>	0.015685661	0.01254892	0.45908065	1
Obesity	t_cell	<i>SKIV2L</i>	0.018988113	0.004731985	0.294495346	1
Obesity	t_cell	<i>SLC12A4</i>	-0.006362089	0.00121157	0.136700608	1
Obesity	t_cell	<i>SLC1A7</i>	0.030322216	0.025243741	0.655070436	1
Obesity	t_cell	<i>SLC20A2</i>	0.003962904	0.044658577	0.762801442	1
Obesity	t_cell	<i>SLC25A5I</i>	-0.038900001	0.013362982	0.475516561	1
Obesity	t_cell	<i>SLC47A1</i>	-0.011056254	0.02923073	0.680496591	1
Obesity	t_cell	<i>SLC4A2</i>	-0.012344683	0.029529532	0.680496591	1
Obesity	t_cell	<i>SLC4A5</i>	-0.019504721	0.04899969	0.773626507	1
Obesity	t_cell	<i>SMIM19</i>	0.004681497	0.00080218	0.122192308	1
Obesity	t_cell	<i>SMPDL3A</i>	-0.01766358	0.011727222	0.437501033	1
Obesity	t_cell	<i>SMTNL1</i>	-0.017117873	0.042731761	0.762801442	1
Obesity	t_cell	<i>SNX11</i>	-0.008077788	0.024732786	0.655070436	1
Obesity	t_cell	<i>SRP72</i>	-0.004800147	0.041786663	0.762801442	1
Obesity	t_cell	<i>SSC5D</i>	-0.007661868	0.038634113	0.732464791	1
Obesity	t_cell	<i>STEAP3</i>	0.012731352	0.004201512	0.273749186	1
Obesity	t_cell	<i>STX17</i>	-0.003028152	0.035018695	0.701617413	1
Obesity	t_cell	<i>SUPT3H</i>	0.004721882	0.005560471	0.309912543	1
Obesity	t_cell	<i>SURF1</i>	0.008385386	0.01648126	0.530077149	1
Obesity	t_cell	<i>SUSD2</i>	-0.022214185	0.003647178	0.253147346	1
Obesity	t_cell	<i>TADA2A</i>	-0.004501551	0.037607139	0.721869819	1
Obesity	t_cell	<i>TAS2R43</i>	-0.064123366	0.010050873	0.411033112	1
Obesity	t_cell	<i>TBCA</i>	0.003353745	0.042766265	0.762801442	1
Obesity	t_cell	<i>TDRD9</i>	-0.049457301	0.041502114	0.762801442	1
Obesity	t_cell	<i>TECPR1</i>	-0.003116644	0.015868357	0.521927329	1
Obesity	t_cell	<i>TIMM10</i>	0.011742789	0.046328175	0.76457458	1
Obesity	t_cell	<i>TMC5</i>	-0.010803702	0.045608886	0.762801442	1
Obesity	t_cell	<i>TMC6</i>	0.004305036	0.005466965	0.308416833	1
Obesity	t_cell	<i>TMEM116</i>	0.005646229	0.014362803	0.489384601	1
Obesity	t_cell	<i>TMEM133</i>	-0.161777132	0.004018957	0.265595625	1
Obesity	t_cell	<i>TMEM206</i>	-0.007991588	0.023380791	0.642729484	1
Obesity	t_cell	<i>TMEM231</i>	-0.017644119	0.012603381	0.45908065	1
Obesity	t_cell	<i>TMEM252</i>	-0.047658965	0.024379652	0.655070436	1
Obesity	t_cell	<i>TMEM80</i>	-0.007148408	0.032922737	0.694169049	1
Obesity	t_cell	<i>TMPRSS6</i>	-0.053349579	0.028365653	0.680496591	1
Obesity	t_cell	<i>TNFRSF10A</i>	-0.008684991	0.014387442	0.489384601	1
Obesity	t_cell	<i>TRMT10B</i>	0.004589467	0.003316782	0.245543472	1

Obesity	t_cell	<i>TRPM2</i>	-0.003852945	0.027235739	0.670173026	1
Obesity	t_cell	<i>UBAC1</i>	0.004364877	0.019428945	0.583625331	1
Obesity	t_cell	<i>UBAP1L</i>	-0.006032664	0.008839946	0.396451922	1
Obesity	t_cell	<i>UBE2Q2L</i>	-0.0292142	0.024174304	0.655070436	1
Obesity	t_cell	<i>UBOX5</i>	0.007250429	0.01891986	0.572047533	1
Obesity	t_cell	<i>UFSP2</i>	0.004400732	0.001839256	0.172957021	1
Obesity	t_cell	<i>ULK3</i>	0.007043567	0.036854271	0.721869819	1
Obesity	t_cell	<i>USP38</i>	-0.009800328	0.008477134	0.396113337	1
Obesity	t_cell	<i>USP6</i>	-0.047736829	0.000915658	0.12835857	1
Obesity	t_cell	<i>VAMP4</i>	-0.005393057	0.000683326	0.122192308	1
Obesity	t_cell	<i>VAMP8</i>	0.003206081	0.035238149	0.701617413	1
Obesity	t_cell	<i>WDR6</i>	0.003273226	0.037067746	0.721869819	1
Obesity	t_cell	<i>YPEL4</i>	-0.031342495	0.048212283	0.769937578	1
Obesity	t_cell	<i>ZCRB1</i>	-0.006517589	0.04644303	0.76457458	1
Obesity	t_cell	<i>ZDHHC2</i>	-0.003897617	0.044587231	0.762801442	1
Obesity	t_cell	<i>ZFP62</i>	0.005616951	0.009769547	0.411033112	1
Obesity	t_cell	<i>ZNF135</i>	-0.007258436	0.035230169	0.701617413	1
Obesity	t_cell	<i>ZNF189</i>	0.010961431	2.91E-05	0.033632799	0.134531197
Obesity	t_cell	<i>ZNF229</i>	-0.083434144	0.004790733	0.294495346	1
Obesity	t_cell	<i>ZNF232</i>	-0.026676053	0.006763132	0.355308386	1
Obesity	t_cell	<i>ZNF334</i>	0.0073966	0.004974352	0.294495346	1
Obesity	t_cell	<i>ZNF429</i>	-0.006341089	0.010254999	0.411033112	1
Obesity	t_cell	<i>ZNF493</i>	-0.007503927	0.000780602	0.122192308	1
Obesity	t_cell	<i>ZNF497</i>	-0.13226838	0.008761141	0.396451922	1
Obesity	t_cell	<i>ZNF550</i>	0.00808958	0.012915707	0.46678172	1
Obesity	t_cell	<i>ZNF708</i>	0.003344395	0.028775525	0.680496591	1
Obesity	t_cell	<i>ZNF793</i>	-0.00825608	0.042586283	0.762801442	1
Obesity	t_cell	<i>ZNF85</i>	0.004658396	0.022789024	0.635072453	1
Obesity	t_cell	<i>HOXB9</i>	-0.080643054	1.92E-05	0.029535288	0.088605863
Obesity	t_cell	<i>PROKR1</i>	0.138775653	0.000640942	0.122192308	1
Obesity	t_cell	<i>RPRML</i>	0.067964726	0.001025091	0.131796911	1
Obesity	t_cell	<i>ZNF80</i>	0.011742069	0.044098518	0.762801442	1
Obesity	t_cell	<i>GPR12</i>	-0.082009477	0.006947406	0.355308386	1
Obesity	t_cell	<i>OR52N1</i>	-0.026288931	0.000194093	0.112234008	0.897872066
Obesity	t_cell	<i>OR52N5</i>	-0.01846175	0.001885	0.172957021	1
Obesity	t_cell	<i>LINC01123</i>	0.030344756	0.000391706	0.119417772	1
Obesity	t_cell	<i>C11orf87</i>	-0.159593051	0.020554401	0.598016717	1
Obesity	t_cell	<i>SRXN1</i>	-0.012899869	0.00590004	0.316534267	1
Obesity	t_cell	<i>CYP11A1</i>	-0.005469053	0.027704161	0.674332751	1
Obesity	t_cell	<i>APOBEC3B</i>	-0.007789962	0.034721036	0.701617413	1
Obesity	t_cell	<i>KIF25-AS1</i>	-0.012032295	0.000490475	0.119417772	1
CAD	adipocyte	<i>ALYREF</i>	-0.032919692	0.042057589	0.999295625	1
CAD	adipocyte	<i>ANGPTL5</i>	-0.027121501	0.032276187	0.999295625	1
CAD	adipocyte	<i>C11orf54</i>	-0.00586792	0.043174842	0.999295625	1
CAD	adipocyte	<i>C19orf18</i>	-0.017044457	0.000842501	0.999295625	1
CAD	adipocyte	<i>CACFD1</i>	-0.031316002	0.036972329	0.999295625	1
CAD	adipocyte	<i>CCL24</i>	-0.082359368	0.03636402	0.999295625	1
CAD	adipocyte	<i>CDH23</i>	0.001566504	0.03149122	0.999295625	1
CAD	adipocyte	<i>CLYBL</i>	-0.002359977	0.032031699	0.999295625	1
CAD	adipocyte	<i>CWC15</i>	-0.003735219	0.014956486	0.999295625	1
CAD	adipocyte	<i>DAWI</i>	-0.032721712	0.023261707	0.999295625	1
CAD	adipocyte	<i>DCLK3</i>	-0.124454304	0.002804014	0.999295625	1

CAD	adipocyte	<i>EPCAM</i>	-0.014679955	0.047858744	0.999295625	1
CAD	adipocyte	<i>F2R</i>	-0.009723131	0.047321521	0.999295625	1
CAD	adipocyte	<i>FLRT3</i>	0.005394396	0.042807669	0.999295625	1
CAD	adipocyte	<i>GAD1</i>	-0.022880445	0.02030461	0.999295625	1
CAD	adipocyte	<i>HIST1H2BK</i>	-0.006467992	0.011065188	0.999295625	1
CAD	adipocyte	<i>HK2</i>	0.003519541	0.020369714	0.999295625	1
CAD	adipocyte	<i>MAK16</i>	0.00927991	0.015010963	0.999295625	1
CAD	adipocyte	<i>NOC4L</i>	0.025103936	0.020397172	0.999295625	1
CAD	adipocyte	<i>OTOF</i>	-0.061113134	0.012655352	0.999295625	1
CAD	adipocyte	<i>OXNAD1</i>	-0.001801681	0.024439949	0.999295625	1
CAD	adipocyte	<i>PDZK1IP1</i>	-0.020041765	0.040436184	0.999295625	1
CAD	adipocyte	<i>PROM2</i>	-0.086102371	0.032217556	0.999295625	1
CAD	adipocyte	<i>PTGDS</i>	0.00474261	0.002448403	0.999295625	1
CAD	adipocyte	<i>RAB30</i>	-0.003528928	0.04054478	0.999295625	1
CAD	adipocyte	<i>RSU1</i>	0.001358915	0.047462069	0.999295625	1
CAD	adipocyte	<i>SCGN</i>	-0.055732	0.044591354	0.999295625	1
CAD	adipocyte	<i>SH2D3A</i>	-0.007014555	0.037875051	0.999295625	1
CAD	adipocyte	<i>TMEM56</i>	-0.011148118	0.037010061	0.999295625	1
CAD	adipocyte	<i>TMPRSS9</i>	0.011073498	0.002965239	0.999295625	1
CAD	adipocyte	<i>TSPO2</i>	-0.015209524	0.004869932	0.999295625	1
CAD	adipocyte	<i>TSPYL1</i>	-0.009963773	0.028244078	0.999295625	1
CAD	adipocyte	<i>UFSP2</i>	0.002683514	0.027848291	0.999295625	1
CAD	adipocyte	<i>UGP2</i>	0.002155696	0.040713279	0.999295625	1
CAD	adipocyte	<i>UROS</i>	0.005975759	0.041368786	0.999295625	1
CAD	adipocyte	<i>YY1</i>	0.001734375	0.034048803	0.999295625	1
CAD	adipocyte	<i>PCDH10</i>	0.01417234	0.048811289	0.999295625	1
CAD	adipocyte	<i>ADAD2</i>	-0.056539434	0.033552789	0.999295625	1
CAD	adipocyte	<i>FFAR3</i>	-0.104659832	0.012250713	0.999295625	1
CAD	ASPC	<i>ABCB8</i>	0.005991291	0.027817581	0.999840862	1
CAD	ASPC	<i>ANGEL2</i>	0.003071145	0.002705437	0.999840862	1
CAD	ASPC	<i>ATXN10</i>	-0.00127645	0.030782551	0.999840862	1
CAD	ASPC	<i>CAPN9</i>	0.013283938	0.049280111	0.999840862	1
CAD	ASPC	<i>CCDC39</i>	0.002202764	0.042284033	0.999840862	1
CAD	ASPC	<i>CRYL1</i>	0.003597782	0.040774864	0.999840862	1
CAD	ASPC	<i>CSTF1</i>	0.006640235	0.013237182	0.999840862	1
CAD	ASPC	<i>CYP4F11</i>	0.005482675	0.011209864	0.999840862	1
CAD	ASPC	<i>DHX34</i>	0.0034114	0.024225276	0.999840862	1
CAD	ASPC	<i>ECT2L</i>	0.006060381	0.036114526	0.999840862	1
CAD	ASPC	<i>EPHX2</i>	0.006285413	0.008906628	0.999840862	1
CAD	ASPC	<i>LHX4</i>	-0.00750897	0.04384091	0.999840862	1
CAD	ASPC	<i>LIPC</i>	-0.008204557	0.032548688	0.999840862	1
CAD	ASPC	<i>MAK16</i>	0.008247927	0.029590441	0.999840862	1
CAD	ASPC	<i>MDH1</i>	0.004197083	0.048416374	0.999840862	1
CAD	ASPC	<i>NSUN3</i>	0.002976357	0.001348955	0.999840862	1
CAD	ASPC	<i>OCIAD1</i>	0.002193526	0.035802515	0.999840862	1
CAD	ASPC	<i>RPL9</i>	0.006910624	0.036174247	0.999840862	1
CAD	ASPC	<i>SENP5</i>	0.001821054	0.022931418	0.999840862	1
CAD	ASPC	<i>SLFN11</i>	0.004427093	0.004943822	0.999840862	1
CAD	ASPC	<i>ST14</i>	-0.005073741	0.016191846	0.999840862	1
CAD	ASPC	<i>TECPR1</i>	0.002232197	0.046985998	0.999840862	1
CAD	ASPC	<i>TMEM143</i>	0.012110004	0.039039163	0.999840862	1
CAD	ASPC	<i>UBAP1L</i>	0.005947738	0.002955618	0.999840862	1

CAD	ASPC	<i>VAMP4</i>	0.002754838	0.045602086	0.999840862	1
CAD	ASPC	<i>ZBTB32</i>	0.006200842	0.041612127	0.999840862	1
CAD	ASPC	<i>ZNF660</i>	0.014118383	0.024254954	0.999840862	1
CAD	ASPC	<i>ZNF670</i>	0.029917978	0.020857295	0.999840862	1
CAD	b_cell	<i>ACVRL1</i>	-0.008228359	0.049189239	0.999931667	1
CAD	b_cell	<i>ADCK1</i>	0.004195704	0.041374941	0.999931667	1
CAD	b_cell	<i>ALDH6A1</i>	0.011204015	0.015102346	0.999931667	1
CAD	b_cell	<i>ANKRD26</i>	0.004111387	0.02422889	0.999931667	1
CAD	b_cell	<i>ARSB</i>	0.001866285	0.030846915	0.999931667	1
CAD	b_cell	<i>ART3</i>	-0.038147219	0.036992089	0.999931667	1
CAD	b_cell	<i>CCDC112</i>	0.003416579	0.029626305	0.999931667	1
CAD	b_cell	<i>CCDC39</i>	0.002138921	0.048137962	0.999931667	1
CAD	b_cell	<i>CEP164</i>	0.002719346	0.04058564	0.999931667	1
CAD	b_cell	<i>CISD2</i>	0.002858059	0.048357239	0.999931667	1
CAD	b_cell	<i>CLCA4</i>	0.05088818	0.031814954	0.999931667	1
CAD	b_cell	<i>CLHC1</i>	0.005503129	0.023251186	0.999931667	1
CAD	b_cell	<i>CLSTN2</i>	0.003269451	0.032108737	0.999931667	1
CAD	b_cell	<i>COL6A6</i>	0.005227018	0.027595074	0.999931667	1
CAD	b_cell	<i>CTIF</i>	0.002579304	0.036080029	0.999931667	1
CAD	b_cell	<i>DMGDH</i>	0.007754991	0.032600023	0.999931667	1
CAD	b_cell	<i>DZIP3</i>	0.005773148	0.039105929	0.999931667	1
CAD	b_cell	<i>EIF2B3</i>	0.001925481	0.037909336	0.999931667	1
CAD	b_cell	<i>FNDC3B</i>	0.000867635	0.035605456	0.999931667	1
CAD	b_cell	<i>JSRPI</i>	-0.045353963	0.032692676	0.999931667	1
CAD	b_cell	<i>KLHL30</i>	0.017592904	0.040975534	0.999931667	1
CAD	b_cell	<i>LEMD2</i>	0.005708853	0.013789561	0.999931667	1
CAD	b_cell	<i>LRRC34</i>	0.010716843	0.041080876	0.999931667	1
CAD	b_cell	<i>LSG1</i>	-0.003254341	0.038673158	0.999931667	1
CAD	b_cell	<i>MDGA1</i>	0.013162738	0.003629772	0.999931667	1
CAD	b_cell	<i>MESP2</i>	0.029035299	0.048978011	0.999931667	1
CAD	b_cell	<i>NOC4L</i>	0.024050964	0.026995851	0.999931667	1
CAD	b_cell	<i>NRM</i>	0.023390855	0.027997831	0.999931667	1
CAD	b_cell	<i>NUP54</i>	0.004646146	0.022807693	0.999931667	1
CAD	b_cell	<i>PEX5</i>	0.022717649	0.029517923	0.999931667	1
CAD	b_cell	<i>PMEL</i>	0.015755439	0.005227203	0.999931667	1
CAD	b_cell	<i>PMS1</i>	0.002098212	0.03555609	0.999931667	1
CAD	b_cell	<i>PPP1R3C</i>	0.006474544	0.02331225	0.999931667	1
CAD	b_cell	<i>PSMA4</i>	0.005063801	0.049972305	0.999931667	1
CAD	b_cell	<i>SCAND1</i>	-0.008741036	0.025650763	0.999931667	1
CAD	b_cell	<i>SPAG5</i>	0.067845696	0.01506963	0.999931667	1
CAD	b_cell	<i>SUGP2</i>	0.002132485	0.045981323	0.999931667	1
CAD	b_cell	<i>TAF1B</i>	0.004409631	0.029497436	0.999931667	1
CAD	b_cell	<i>TAPBPL</i>	0.003383596	0.033026492	0.999931667	1
CAD	b_cell	<i>TIGD1</i>	-0.005497374	0.012012974	0.999931667	1
CAD	b_cell	<i>VDAC2</i>	0.008158025	0.010940426	0.999931667	1
CAD	b_cell	<i>ZNF670</i>	-0.029437207	0.022530977	0.999931667	1
CAD	b_cell	<i>VPREB3</i>	-0.027532236	0.020438825	0.999931667	1
CAD	b_cell	<i>AC017074.2</i>	-0.07393643	0.00133499	0.999931667	1
CAD	dendritic_cell	<i>AHRR</i>	0.008801678	0.025515877	0.999542825	1
CAD	dendritic_cell	<i>API5</i>	-0.004129293	0.016307611	0.999542825	1
CAD	dendritic_cell	<i>C8orf33</i>	-0.006353158	0.026797331	0.999542825	1
CAD	dendritic_cell	<i>CCL23</i>	0.02828003	0.030959142	0.999542825	1

CAD	dendritic_cell	<i>CDC16</i>	-0.002778871	0.021677826	0.999542825	1
CAD	dendritic_cell	<i>CLSTN2</i>	0.003772206	0.01371875	0.999542825	1
CAD	dendritic_cell	<i>CRYBB2</i>	0.021632484	0.027833516	0.999542825	1
CAD	dendritic_cell	<i>CTCI</i>	-0.00903569	0.046055235	0.999542825	1
CAD	dendritic_cell	<i>CXCL6</i>	0.015640751	0.018571462	0.999542825	1
CAD	dendritic_cell	<i>DAAM2</i>	0.00191091	0.037660033	0.999542825	1
CAD	dendritic_cell	<i>EXOC2</i>	0.002633859	0.041131996	0.999542825	1
CAD	dendritic_cell	<i>FBXO25</i>	-0.002656282	0.04558403	0.999542825	1
CAD	dendritic_cell	<i>G6PC3</i>	0.012324626	0.029295495	0.999542825	1
CAD	dendritic_cell	<i>GPR158</i>	0.015404048	0.037895766	0.999542825	1
CAD	dendritic_cell	<i>HMBS</i>	-0.01907792	0.0127558	0.999542825	1
CAD	dendritic_cell	<i>IL11RA</i>	-0.009020181	0.025599455	0.999542825	1
CAD	dendritic_cell	<i>LHX4</i>	0.008996609	0.015301516	0.999542825	1
CAD	dendritic_cell	<i>LINC00865</i>	-0.004874905	0.045516091	0.999542825	1
CAD	dendritic_cell	<i>LINC01068</i>	0.048787188	0.021945784	0.999542825	1
CAD	dendritic_cell	<i>MYH3</i>	-0.011748953	0.011377011	0.999542825	1
CAD	dendritic_cell	<i>NAA11</i>	-0.00546375	0.018185376	0.999542825	1
CAD	dendritic_cell	<i>NDUFS8</i>	-0.005779828	0.038834771	0.999542825	1
CAD	dendritic_cell	<i>OSGEP</i>	-0.003425206	0.044855457	0.999542825	1
CAD	dendritic_cell	<i>PAXIP1-AS1</i>	0.006474121	0.021003404	0.999542825	1
CAD	dendritic_cell	<i>PDZK1IP1</i>	0.028860873	0.003351904	0.999542825	1
CAD	dendritic_cell	<i>PUS7L</i>	-0.002746064	0.032011538	0.999542825	1
CAD	dendritic_cell	<i>SAP25</i>	0.097480138	0.012611417	0.999542825	1
CAD	dendritic_cell	<i>SAR1A</i>	0.005419488	0.040252948	0.999542825	1
CAD	dendritic_cell	<i>SIRT6</i>	0.006577755	0.033867814	0.999542825	1
CAD	dendritic_cell	<i>SMTNL1</i>	-0.015772352	0.030818513	0.999542825	1
CAD	dendritic_cell	<i>TIGD1</i>	-0.00469802	0.03069289	0.999542825	1
CAD	dendritic_cell	<i>UBAP1L</i>	0.004573763	0.022273438	0.999542825	1
CAD	dendritic_cell	<i>WDR6</i>	0.003179778	0.019202336	0.999542825	1
CAD	dendritic_cell	<i>WDR88</i>	-0.003779731	0.048606895	0.999542825	1
CAD	dendritic_cell	<i>YPEL3</i>	0.003731846	0.034938983	0.999542825	1
CAD	dendritic_cell	<i>H3F3C</i>	-0.044513897	0.030483293	0.999542825	1
CAD	endometrium	<i>ABCC6</i>	0.008786361	0.037344639	0.999828996	1
CAD	endometrium	<i>ADD2</i>	-0.006953705	0.044302438	0.999828996	1
CAD	endometrium	<i>ADSS</i>	-0.002386927	0.036068864	0.999828996	1
CAD	endometrium	<i>ARMCI</i>	0.003420726	0.030576591	0.999828996	1
CAD	endometrium	<i>DTX1</i>	0.003963142	0.033125788	0.999828996	1
CAD	endometrium	<i>DTYMK</i>	0.008644729	0.032069885	0.999828996	1
CAD	endometrium	<i>ENO3</i>	-0.019377237	0.017063448	0.999828996	1
CAD	endometrium	<i>FAM32A</i>	-0.014265752	0.032754292	0.999828996	1
CAD	endometrium	<i>GBA2</i>	-0.004062129	0.02462983	0.999828996	1
CAD	endometrium	<i>IFNE</i>	-0.059411576	0.022189073	0.999828996	1
CAD	endometrium	<i>IGHMBP2</i>	0.006391716	0.034786507	0.999828996	1
CAD	endometrium	<i>LIN52</i>	0.003248154	0.045386404	0.999828996	1
CAD	endometrium	<i>LIPC</i>	0.007696057	0.045245717	0.999828996	1
CAD	endometrium	<i>LURAP1</i>	-0.007144084	0.045812662	0.999828996	1
CAD	endometrium	<i>LYPD5</i>	-0.025482307	0.032092667	0.999828996	1
CAD	endometrium	<i>PLEK2</i>	-0.010669398	0.01829207	0.999828996	1
CAD	endometrium	<i>PSMD2</i>	0.010957106	0.000722548	0.999828996	1
CAD	endometrium	<i>RPL9</i>	-0.006875224	0.036141957	0.999828996	1
CAD	endometrium	<i>RSG1</i>	-0.018778212	0.002380824	0.999828996	1
CAD	endometrium	<i>SCAND1</i>	-0.009299794	0.01723022	0.999828996	1

CAD	endometrium	<i>SCOC</i>	0.008855994	0.026765678	0.999828996	1
CAD	endometrium	<i>SEMA6C</i>	-0.017981659	0.011248056	0.999828996	1
CAD	endometrium	<i>SENP5</i>	0.002577436	0.001228015	0.999828996	1
CAD	endometrium	<i>SH3GLB2</i>	-0.007410941	0.017609996	0.999828996	1
CAD	endometrium	<i>SUGP2</i>	0.002190926	0.040059918	0.999828996	1
CAD	endometrium	<i>TRIM66</i>	0.004845204	0.008710993	0.999828996	1
CAD	endometrium	<i>TSPYL5</i>	-0.009519535	0.041319753	0.999828996	1
CAD	endometrium	<i>OPN4</i>	-0.022640339	0.044275563	0.999828996	1
CAD	endometrium	<i>VGLL2</i>	0.008410086	0.022131138	0.999828996	1
CAD	endometrium	<i>ADAD2</i>	-0.059567442	0.026208645	0.999828996	1
CAD	endometrium	<i>OR52N1</i>	-0.013961105	0.02202609	0.999828996	1
CAD	endothelial	<i>BANF1</i>	-0.027280049	0.025004732	0.999813791	1
CAD	endothelial	<i>BCL2L2</i>	-0.005373823	0.009125148	0.999813791	1
CAD	endothelial	<i>CAPN3</i>	0.015333801	0.042683147	0.999813791	1
CAD	endothelial	<i>CLEC3B</i>	-0.011272898	0.039381436	0.999813791	1
CAD	endothelial	<i>CRYBB2</i>	0.021002835	0.033597287	0.999813791	1
CAD	endothelial	<i>DARS2</i>	0.00555203	0.047403608	0.999813791	1
CAD	endothelial	<i>DNAJC30</i>	0.011050682	0.035493436	0.999813791	1
CAD	endothelial	<i>DRD4</i>	-0.0258067	0.020953822	0.999813791	1
CAD	endothelial	<i>ECHDC2</i>	0.001523935	0.033802932	0.999813791	1
CAD	endothelial	<i>GAS2L2</i>	0.130639924	0.026837296	0.999813791	1
CAD	endothelial	<i>HELLS</i>	-0.005023772	0.046398189	0.999813791	1
CAD	endothelial	<i>HYI</i>	-0.007007244	0.025437152	0.999813791	1
CAD	endothelial	<i>LIN52</i>	-0.003316872	0.040583921	0.999813791	1
CAD	endothelial	<i>LINC00092</i>	-0.024654921	0.01591003	0.999813791	1
CAD	endothelial	<i>MCM10</i>	-0.04170941	0.017549085	0.999813791	1
CAD	endothelial	<i>NUDT18</i>	0.031640448	0.0077473	0.999813791	1
CAD	endothelial	<i>PLEK2</i>	0.013546326	0.002827125	0.999813791	1
CAD	endothelial	<i>REEP2</i>	-0.017196929	0.042109468	0.999813791	1
CAD	endothelial	<i>RIFI</i>	0.002046281	0.026084456	0.999813791	1
CAD	endothelial	<i>SCN2B</i>	-0.027440418	0.044484599	0.999813791	1
CAD	endothelial	<i>SDCCAG8</i>	0.001340812	0.016074011	0.999813791	1
CAD	endothelial	<i>SLC25A51</i>	-0.027732543	0.041817464	0.999813791	1
CAD	endothelial	<i>SMIM19</i>	0.002423218	0.044771751	0.999813791	1
CAD	endothelial	<i>TMEM206</i>	0.007619985	0.012961986	0.999813791	1
CAD	endothelial	<i>TTLL6</i>	0.020039347	0.016974317	0.999813791	1
CAD	endothelial	<i>ULK3</i>	-0.006359037	0.029340131	0.999813791	1
CAD	endothelial	<i>WFDC6</i>	0.062193803	0.018082018	0.999813791	1
CAD	endothelial	<i>ZNF23</i>	-0.03654479	0.009879893	0.999813791	1
CAD	endothelial	<i>ACSM2A</i>	0.036157112	0.035618955	0.999813791	1
CAD	endothelial	<i>LGALS9C</i>	-0.005804525	0.049702229	0.999813791	1
CAD	endothelial	<i>KIR3DL1</i>	-0.039456209	0.024195967	0.999813791	1
CAD	endothelial	<i>FAM25A</i>	-0.008635218	0.026404025	0.999813791	1
CAD	LEC	<i>ASAH2B</i>	0.020995136	0.04647533	0.999934405	1
CAD	LEC	<i>ATF6B</i>	0.002956085	0.045833728	0.999934405	1
CAD	LEC	<i>ATXN3</i>	0.002450354	0.046568652	0.999934405	1
CAD	LEC	<i>C17orf97</i>	-0.009342907	0.026893922	0.999934405	1
CAD	LEC	<i>CDCP1</i>	0.003018332	0.037933654	0.999934405	1
CAD	LEC	<i>CDIP1</i>	-0.005228268	0.022813007	0.999934405	1
CAD	LEC	<i>CNOT6L</i>	-0.002368016	0.046002285	0.999934405	1
CAD	LEC	<i>CYP4A11</i>	-0.035414072	0.01913343	0.999934405	1
CAD	LEC	<i>DBNDD2</i>	-0.022520461	0.045392513	0.999934405	1

CAD	LEC	<i>DCP2</i>	0.00227451	0.013037062	0.999934405	1
CAD	LEC	<i>EFS</i>	-0.005271827	0.04621335	0.999934405	1
CAD	LEC	<i>EVL</i>	-0.001895849	0.003596579	0.999934405	1
CAD	LEC	<i>FBN3</i>	-0.016901613	0.01185831	0.999934405	1
CAD	LEC	<i>HAR1A</i>	-0.036383148	0.022310159	0.999934405	1
CAD	LEC	<i>HELLS</i>	-0.005678504	0.024135845	0.999934405	1
CAD	LEC	<i>HMOX2</i>	0.003107781	0.045241826	0.999934405	1
CAD	LEC	<i>MAP1A</i>	0.024683792	0.044364304	0.999934405	1
CAD	LEC	<i>MEX3A</i>	0.023627123	0.03951418	0.999934405	1
CAD	LEC	<i>NRXN2</i>	-0.014177512	0.036877976	0.999934405	1
CAD	LEC	<i>NUDT18</i>	-0.032860237	0.005638963	0.999934405	1
CAD	LEC	<i>NUDT8</i>	0.015893352	0.037115847	0.999934405	1
CAD	LEC	<i>POC1B</i>	-0.0035662	0.042091377	0.999934405	1
CAD	LEC	<i>PRIMPOL</i>	0.001898312	0.041791577	0.999934405	1
CAD	LEC	<i>RAPGEF6</i>	-0.013093327	0.000552885	0.999934405	1
CAD	LEC	<i>RIC8A</i>	-0.00641055	0.020124244	0.999934405	1
CAD	LEC	<i>RPS6KB2</i>	-0.007126208	0.023231771	0.999934405	1
CAD	LEC	<i>RWDD1</i>	-0.009027729	0.017895386	0.999934405	1
CAD	LEC	<i>SLAMF1</i>	-0.005072954	0.022445423	0.999934405	1
CAD	LEC	<i>SULT1A1</i>	0.00950244	0.039938166	0.999934405	1
CAD	LEC	<i>TAF1C</i>	-0.009080789	0.049460941	0.999934405	1
CAD	LEC	<i>TAS2R20</i>	0.068304789	0.023173352	0.999934405	1
CAD	LEC	<i>TMEM216</i>	0.00988979	0.040356306	0.999934405	1
CAD	LEC	<i>TMEM56</i>	-0.014206363	0.007096365	0.999934405	1
CAD	LEC	<i>TRIB3</i>	0.013000543	0.024034986	0.999934405	1
CAD	LEC	<i>ULK4</i>	0.001586089	0.013268659	0.999934405	1
CAD	LEC	<i>ZNF85</i>	0.003718054	0.034596908	0.999934405	1
CAD	LEC	<i>ADAD2</i>	-0.06121938	0.020903561	0.999934405	1
CAD	LEC	<i>H3F3C</i>	-0.048783364	0.017426714	0.999934405	1
CAD	LEC	<i>PRSS46</i>	-0.004761497	0.018579194	0.999934405	1
CAD	macrophage	<i>ACAD9</i>	0.007706282	0.015048762	0.999956568	1
CAD	macrophage	<i>ADH1B</i>	0.000911419	0.041771939	0.999956568	1
CAD	macrophage	<i>CENPM</i>	0.055267718	0.038866426	0.999956568	1
CAD	macrophage	<i>CLHC1</i>	0.00489549	0.043117699	0.999956568	1
CAD	macrophage	<i>DDTL</i>	0.019011413	0.020651179	0.999956568	1
CAD	macrophage	<i>FLRT3</i>	0.00537502	0.044782054	0.999956568	1
CAD	macrophage	<i>FNDC3B</i>	0.000885132	0.032196405	0.999956568	1
CAD	macrophage	<i>GABPB2</i>	0.005754738	0.015963285	0.999956568	1
CAD	macrophage	<i>IK</i>	0.005475988	0.049112537	0.999956568	1
CAD	macrophage	<i>NARFL</i>	0.007259554	0.035583134	0.999956568	1
CAD	macrophage	<i>PIF1</i>	0.026581214	0.043068088	0.999956568	1
CAD	macrophage	<i>PNKD</i>	0.004689356	0.018543684	0.999956568	1
CAD	macrophage	<i>POLR1B</i>	-0.005120633	0.036022711	0.999956568	1
CAD	macrophage	<i>SLC37A4</i>	0.015775044	0.029721443	0.999956568	1
CAD	macrophage	<i>TAS2R4</i>	-0.011304182	0.027609355	0.999956568	1
CAD	macrophage	<i>TECPR1</i>	0.002877431	0.010362977	0.999956568	1
CAD	macrophage	<i>TMCO6</i>	0.008329602	0.023562673	0.999956568	1
CAD	macrophage	<i>TRHDE</i>	0.001329001	0.042470814	0.999956568	1
CAD	macrophage	<i>UBOX5</i>	0.006457345	0.016198594	0.999956568	1
CAD	macrophage	<i>ZMYM1</i>	0.00246203	0.030113313	0.999956568	1
CAD	macrophage	<i>ZNF493</i>	-0.004524321	0.019955399	0.999956568	1
CAD	macrophage	<i>ZNF667</i>	0.016652115	0.032279395	0.999956568	1

CAD	macrophage	<i>ZNF738</i>	0.005093309	0.04806387	0.999956568	1
CAD	mast_cell	<i>AHRR</i>	0.00779789	0.047707246	0.999986371	1
CAD	mast_cell	<i>C10orf25</i>	-0.059638473	0.025776634	0.999986371	1
CAD	mast_cell	<i>C19orf18</i>	0.010302969	0.043086884	0.999986371	1
CAD	mast_cell	<i>CCDC39</i>	0.002457866	0.023442112	0.999986371	1
CAD	mast_cell	<i>CHKB</i>	-0.021065962	0.047855681	0.999986371	1
CAD	mast_cell	<i>DARS2</i>	-0.005480853	0.049682032	0.999986371	1
CAD	mast_cell	<i>EHD3</i>	0.02448153	0.04198916	0.999986371	1
CAD	mast_cell	<i>MED15</i>	0.002209322	0.02575823	0.999986371	1
CAD	mast_cell	<i>NCKAP1</i>	0.002253227	0.030708961	0.999986371	1
CAD	mast_cell	<i>PCSK2</i>	-0.080265311	0.040437245	0.999986371	1
CAD	mast_cell	<i>PDHB</i>	0.00413215	0.043719295	0.999986371	1
CAD	mast_cell	<i>PEX5</i>	0.021819493	0.036147496	0.999986371	1
CAD	mast_cell	<i>PKP3</i>	0.014808939	0.033058648	0.999986371	1
CAD	mast_cell	<i>PLA1A</i>	-0.029775018	0.008672501	0.999986371	1
CAD	mast_cell	<i>PNKD</i>	0.004515906	0.021686784	0.999986371	1
CAD	mast_cell	<i>PPP2R5E</i>	0.002580917	0.011416997	0.999986371	1
CAD	mast_cell	<i>PRSS50</i>	-0.131503104	0.00649826	0.999986371	1
CAD	mast_cell	<i>RSG1</i>	-0.012634434	0.039556241	0.999986371	1
CAD	mast_cell	<i>SI00A1</i>	-0.038968098	0.035008662	0.999986371	1
CAD	mast_cell	<i>SCGB1B2P</i>	0.030730854	0.049684963	0.999986371	1
CAD	mast_cell	<i>SH2D3A</i>	-0.007293997	0.030121992	0.999986371	1
CAD	mast_cell	<i>SULT1C2</i>	0.020590459	0.00724556	0.999986371	1
CAD	mast_cell	<i>SURF1</i>	-0.006268895	0.038038271	0.999986371	1
CAD	mast_cell	<i>VWA2</i>	-0.041176418	0.047622876	0.999986371	1
CAD	mast_cell	<i>XCL2</i>	-0.023621057	0.048629741	0.999986371	1
CAD	mast_cell	<i>ZBTB49</i>	0.005348206	0.038476398	0.999986371	1
CAD	mast_cell	<i>ZNF215</i>	-0.014878612	0.010088124	0.999986371	1
CAD	mesothelium	<i>C4orf45</i>	0.007048223	0.026600784	0.999677611	1
CAD	mesothelium	<i>CAPN5</i>	0.016714875	0.005630589	0.999677611	1
CAD	mesothelium	<i>CCDC154</i>	-0.007949616	0.048616933	0.999677611	1
CAD	mesothelium	<i>DAAM2</i>	0.001892383	0.039347887	0.999677611	1
CAD	mesothelium	<i>DCLK3</i>	-0.086304728	0.037931016	0.999677611	1
CAD	mesothelium	<i>DDX31</i>	0.004830555	0.003395191	0.999677611	1
CAD	mesothelium	<i>HAUS1</i>	0.014265095	0.009582598	0.999677611	1
CAD	mesothelium	<i>HKDC1</i>	-0.03178636	0.029883965	0.999677611	1
CAD	mesothelium	<i>HSPA12A</i>	0.003323383	0.02814686	0.999677611	1
CAD	mesothelium	<i>LCAT</i>	0.006245956	0.016671303	0.999677611	1
CAD	mesothelium	<i>LINC00174</i>	0.003095591	0.029702086	0.999677611	1
CAD	mesothelium	<i>LIPC</i>	-0.010813403	0.004627534	0.999677611	1
CAD	mesothelium	<i>MACROD2</i>	0.001034586	0.039336322	0.999677611	1
CAD	mesothelium	<i>MOCS2</i>	-0.009109935	0.026053025	0.999677611	1
CAD	mesothelium	<i>MRPL42</i>	-0.003776969	0.046807166	0.999677611	1
CAD	mesothelium	<i>NKD2</i>	0.107175936	0.045368975	0.999677611	1
CAD	mesothelium	<i>PDE6C</i>	0.010328496	0.049073724	0.999677611	1
CAD	mesothelium	<i>PENK</i>	0.121673328	0.004628148	0.999677611	1
CAD	mesothelium	<i>PERP</i>	-0.011663542	0.009336441	0.999677611	1
CAD	mesothelium	<i>PGGT1B</i>	-0.003111057	0.021411324	0.999677611	1
CAD	mesothelium	<i>PKP3</i>	0.015551611	0.023670414	0.999677611	1
CAD	mesothelium	<i>RABGEF1</i>	0.01472709	0.005722927	0.999677611	1
CAD	mesothelium	<i>RELL2</i>	-0.009197718	0.031499734	0.999677611	1
CAD	mesothelium	<i>RIFI</i>	0.001930889	0.035385641	0.999677611	1

CAD	mesothelium	<i>SLC41A3</i>	-0.007247211	0.03982248	0.999677611	1
CAD	mesothelium	<i>SULT1C2</i>	0.015476974	0.043693732	0.999677611	1
CAD	mesothelium	<i>TMEM206</i>	0.008879676	0.003937489	0.999677611	1
CAD	mesothelium	<i>ZNF25</i>	-0.004338641	0.043694784	0.999677611	1
CAD	mesothelium	<i>RPRML</i>	-0.03964167	0.025945332	0.999677611	1
CAD	mesothelium	<i>ZNF80</i>	-0.012445152	0.014336008	0.999677611	1
CAD	mesothelium	<i>H3F3C</i>	-0.044580018	0.031159641	0.999677611	1
CAD	monocyte	<i>ABCD3</i>	0.00279436	0.021202627	0.999931487	1
CAD	monocyte	<i>ACOX2</i>	0.007866844	0.027399792	0.999931487	1
CAD	monocyte	<i>ADSS</i>	0.002266706	0.046618086	0.999931487	1
CAD	monocyte	<i>ANGPT4</i>	0.008166398	0.001558661	0.999931487	1
CAD	monocyte	<i>AP2A1</i>	0.004264671	0.019664599	0.999931487	1
CAD	monocyte	<i>BMPR2</i>	-0.001525511	0.046031177	0.999931487	1
CAD	monocyte	<i>C11orf21</i>	0.018550678	0.001991267	0.999931487	1
CAD	monocyte	<i>CDC6</i>	0.017462974	0.018567038	0.999931487	1
CAD	monocyte	<i>CLEC3B</i>	-0.012936373	0.017268227	0.999931487	1
CAD	monocyte	<i>COQ5</i>	-0.009190572	0.042212063	0.999931487	1
CAD	monocyte	<i>DDX42</i>	-0.002201449	0.048741753	0.999931487	1
CAD	monocyte	<i>HK2</i>	0.003033323	0.045497018	0.999931487	1
CAD	monocyte	<i>JKAMP</i>	0.005912174	0.005994381	0.999931487	1
CAD	monocyte	<i>LINC00342</i>	-0.00783175	0.015987087	0.999931487	1
CAD	monocyte	<i>LIPC</i>	0.010791745	0.004603135	0.999931487	1
CAD	monocyte	<i>NBPF3</i>	0.01172275	0.002053006	0.999931487	1
CAD	monocyte	<i>NDUFAF6</i>	-0.001972132	0.046314778	0.999931487	1
CAD	monocyte	<i>NT5M</i>	0.009396654	0.048643515	0.999931487	1
CAD	monocyte	<i>NUP85</i>	0.004783576	0.010148528	0.999931487	1
CAD	monocyte	<i>PABPC1L</i>	-0.009830274	0.004706404	0.999931487	1
CAD	monocyte	<i>PCGF2</i>	0.008767182	0.015152237	0.999931487	1
CAD	monocyte	<i>POGLUT1</i>	0.006255176	0.008557956	0.999931487	1
CAD	monocyte	<i>PYCR2</i>	0.019964449	0.047632786	0.999931487	1
CAD	monocyte	<i>RGS11</i>	0.013529449	0.045283145	0.999931487	1
CAD	monocyte	<i>RRP15</i>	-0.004129887	0.007622165	0.999931487	1
CAD	monocyte	<i>SH2D3A</i>	-0.00677647	0.044489386	0.999931487	1
CAD	monocyte	<i>SIRPB1</i>	0.078962289	0.048255391	0.999931487	1
CAD	monocyte	<i>SPARCL1</i>	-0.000638597	0.03164137	0.999931487	1
CAD	monocyte	<i>TARS2</i>	0.00651672	0.033525199	0.999931487	1
CAD	monocyte	<i>TMEM170B</i>	0.003495731	0.047828355	0.999931487	1
CAD	monocyte	<i>TNFRSF11B</i>	0.016133744	0.039753021	0.999931487	1
CAD	monocyte	<i>TRAPPC4</i>	0.005373461	0.027494224	0.999931487	1
CAD	monocyte	<i>TRIAP1</i>	-0.014854198	0.001239047	0.999931487	1
CAD	monocyte	<i>UBAP1L</i>	0.004046545	0.04285549	0.999931487	1
CAD	monocyte	<i>UFSP2</i>	-0.003268472	0.007189852	0.999931487	1
CAD	monocyte	<i>ULK3</i>	0.005862657	0.044699517	0.999931487	1
CAD	monocyte	<i>WDR36</i>	-0.002675871	0.04091706	0.999931487	1
CAD	monocyte	<i>ZADH2</i>	0.004581078	0.017346341	0.999931487	1
CAD	monocyte	<i>ZKSCAN7</i>	-0.011323719	0.036972931	0.999931487	1
CAD	monocyte	<i>ZNF605</i>	0.01502541	0.011986725	0.999931487	1
CAD	monocyte	<i>ACSM2A</i>	0.052200321	0.002417626	0.999931487	1
CAD	monocyte	<i>H3F3C</i>	-0.041857614	0.042341614	0.999931487	1
CAD	monocyte	<i>AC017074.2</i>	0.054558648	0.017807025	0.999931487	1
CAD	neutrophil	<i>AP006621.1</i>	0.007332203	0.045705453	0.999908689	1
CAD	neutrophil	<i>AP2A1</i>	0.004225235	0.020490738	0.999908689	1

CAD	neutrophil	<i>CENPP</i>	0.002420782	0.038623412	0.999908689	1
CAD	neutrophil	<i>DCSTAMP</i>	-0.067291897	0.04462641	0.999908689	1
CAD	neutrophil	<i>DDO</i>	0.027390759	0.023087275	0.999908689	1
CAD	neutrophil	<i>DDX31</i>	0.00361011	0.028455812	0.999908689	1
CAD	neutrophil	<i>GSDMC</i>	0.055004176	0.033980933	0.999908689	1
CAD	neutrophil	<i>IFRD1</i>	0.003187398	0.031520556	0.999908689	1
CAD	neutrophil	<i>ITGAV</i>	-0.001958206	0.048624361	0.999908689	1
CAD	neutrophil	<i>IZUMO1</i>	-0.080382101	0.033934982	0.999908689	1
CAD	neutrophil	<i>KHDC1</i>	0.005163525	0.045232161	0.999908689	1
CAD	neutrophil	<i>LINC00667</i>	0.009904341	0.003871774	0.999908689	1
CAD	neutrophil	<i>MDM1</i>	0.005059838	0.038038605	0.999908689	1
CAD	neutrophil	<i>MED15</i>	0.002149102	0.029749944	0.999908689	1
CAD	neutrophil	<i>MLC1</i>	-0.018307759	0.017775735	0.999908689	1
CAD	neutrophil	<i>NDUFA3</i>	-0.004777868	0.024702824	0.999908689	1
CAD	neutrophil	<i>NKAIN4</i>	0.021106042	0.026495153	0.999908689	1
CAD	neutrophil	<i>PABPC1L</i>	-0.007921599	0.021848011	0.999908689	1
CAD	neutrophil	<i>PAXIP1-AS1</i>	0.005887722	0.033785406	0.999908689	1
CAD	neutrophil	<i>PLA2G10</i>	-0.022492234	0.003121497	0.999908689	1
CAD	neutrophil	<i>RGS11</i>	0.013657089	0.044275419	0.999908689	1
CAD	neutrophil	<i>SBNO2</i>	-0.00370283	0.038647805	0.999908689	1
CAD	neutrophil	<i>SLC12A2</i>	-0.001595004	0.032326027	0.999908689	1
CAD	neutrophil	<i>SLC15A5</i>	0.031663615	0.033945007	0.999908689	1
CAD	neutrophil	<i>SLC4A1AP</i>	0.004295171	0.043915747	0.999908689	1
CAD	neutrophil	<i>TCTEXID2</i>	0.015331066	0.0270927	0.999908689	1
CAD	neutrophil	<i>TMEM99</i>	0.019683161	0.034362014	0.999908689	1
CAD	neutrophil	<i>TRAPPC4</i>	0.004860581	0.04614203	0.999908689	1
CAD	neutrophil	<i>UFSP2</i>	-0.00315973	0.009304187	0.999908689	1
CAD	neutrophil	<i>VAMP4</i>	-0.00338255	0.013922917	0.999908689	1
CAD	neutrophil	<i>ZFP41</i>	0.021234834	0.031447525	0.999908689	1
CAD	neutrophil	<i>ZNF497</i>	0.088921145	0.042838579	0.999908689	1
CAD	neutrophil	<i>ZNF500</i>	0.010174699	0.014276333	0.999908689	1
CAD	neutrophil	<i>ZNF660</i>	0.017523699	0.005056639	0.999908689	1
CAD	neutrophil	<i>ZNF891</i>	-0.004751661	0.035797693	0.999908689	1
CAD	nk_cell	<i>ACOT2</i>	0.007843195	0.046697242	0.999487375	1
CAD	nk_cell	<i>ADAT1</i>	0.009042071	0.026689282	0.999487375	1
CAD	nk_cell	<i>AKAP3</i>	-0.025524551	0.007237766	0.999487375	1
CAD	nk_cell	<i>ANAPC11</i>	-0.003715919	0.034916052	0.999487375	1
CAD	nk_cell	<i>ATXN10</i>	0.001191172	0.045078262	0.999487375	1
CAD	nk_cell	<i>C17orf107</i>	-0.049591985	0.032894674	0.999487375	1
CAD	nk_cell	<i>C8orf46</i>	0.013486373	0.015734441	0.999487375	1
CAD	nk_cell	<i>CHRNE</i>	-0.018643748	0.017370371	0.999487375	1
CAD	nk_cell	<i>CLCN6</i>	0.006289081	0.04910864	0.999487375	1
CAD	nk_cell	<i>D2HGDH</i>	0.004721568	0.037842824	0.999487375	1
CAD	nk_cell	<i>EFCAB1</i>	-0.032476945	0.043538372	0.999487375	1
CAD	nk_cell	<i>FAM107A</i>	-0.008586367	0.048170399	0.999487375	1
CAD	nk_cell	<i>FAM83B</i>	0.047797495	0.010617951	0.999487375	1
CAD	nk_cell	<i>FARP2</i>	0.002933329	0.026577356	0.999487375	1
CAD	nk_cell	<i>GPR35</i>	0.042008869	0.049378635	0.999487375	1
CAD	nk_cell	<i>HELLS</i>	-0.00634907	0.01207846	0.999487375	1
CAD	nk_cell	<i>IPO7</i>	0.003876578	0.013867316	0.999487375	1
CAD	nk_cell	<i>NDUFA3</i>	-0.004443981	0.038003941	0.999487375	1
CAD	nk_cell	<i>PLA2G10</i>	-0.017852317	0.019604453	0.999487375	1

CAD	nk_cell	<i>PRIMPOL</i>	0.002132364	0.023758217	0.999487375	1
CAD	nk_cell	<i>PRSS50</i>	-0.09738034	0.044541442	0.999487375	1
CAD	nk_cell	<i>PWWP2B</i>	0.013843304	0.006657282	0.999487375	1
CAD	nk_cell	<i>RHOD</i>	0.016338214	0.036299477	0.999487375	1
CAD	nk_cell	<i>SPAG5</i>	0.054910545	0.049707242	0.999487375	1
CAD	nk_cell	<i>STI4</i>	-0.005247732	0.012967555	0.999487375	1
CAD	nk_cell	<i>TSPYL5</i>	0.012290228	0.008872915	0.999487375	1
CAD	nk_cell	<i>UQCC1</i>	0.002866129	0.041416204	0.999487375	1
CAD	nk_cell	<i>USP37</i>	0.003432365	0.035289846	0.999487375	1
CAD	nk_cell	<i>VPS29</i>	0.003325245	0.049528782	0.999487375	1
CAD	nk_cell	<i>ZFP62</i>	0.004234015	0.025043608	0.999487375	1
CAD	nk_cell	<i>ACSM2A</i>	0.050490478	0.003515228	0.999487375	1
CAD	nk_cell	<i>ADAD2</i>	-0.058263893	0.029550479	0.999487375	1
CAD	pericyte	<i>ACAD9</i>	0.008326701	0.008527331	0.999599214	1
CAD	pericyte	<i>C8orf34</i>	0.006922858	0.007753891	0.999599214	1
CAD	pericyte	<i>CKMT2</i>	0.008440553	0.041955149	0.999599214	1
CAD	pericyte	<i>CLCA4</i>	0.053701095	0.02325239	0.999599214	1
CAD	pericyte	<i>DDHD2</i>	0.002473513	0.028333957	0.999599214	1
CAD	pericyte	<i>DLEC1</i>	0.007223193	0.010771493	0.999599214	1
CAD	pericyte	<i>FAM83B</i>	0.056143748	0.002573763	0.999599214	1
CAD	pericyte	<i>FANCA</i>	0.005516182	0.033734111	0.999599214	1
CAD	pericyte	<i>FARP2</i>	0.00263545	0.045636391	0.999599214	1
CAD	pericyte	<i>FOLR1</i>	0.012280751	0.006274776	0.999599214	1
CAD	pericyte	<i>GOLGA6L4</i>	0.02690811	0.023020176	0.999599214	1
CAD	pericyte	<i>GPR27</i>	0.023804766	0.044404683	0.999599214	1
CAD	pericyte	<i>ITGB3BP</i>	0.002839555	0.010150111	0.999599214	1
CAD	pericyte	<i>KLHL7</i>	0.003297958	0.019912081	0.999599214	1
CAD	pericyte	<i>LARS</i>	-0.001763907	0.048779641	0.999599214	1
CAD	pericyte	<i>LHCGR</i>	0.051891987	0.00448132	0.999599214	1
CAD	pericyte	<i>MRO</i>	0.023474703	0.021618113	0.999599214	1
CAD	pericyte	<i>NDUFA6</i>	0.010726883	0.032217571	0.999599214	1
CAD	pericyte	<i>NFUI</i>	0.003327471	0.029998517	0.999599214	1
CAD	pericyte	<i>NRM</i>	0.027783081	0.008987394	0.999599214	1
CAD	pericyte	<i>PERP</i>	-0.009105301	0.042935379	0.999599214	1
CAD	pericyte	<i>PMEL</i>	0.011601648	0.040868976	0.999599214	1
CAD	pericyte	<i>RAB24</i>	-0.034412878	0.038830885	0.999599214	1
CAD	pericyte	<i>RGS16</i>	0.0165055	0.034003825	0.999599214	1
CAD	pericyte	<i>RNPC3</i>	0.00182793	0.028563104	0.999599214	1
CAD	pericyte	<i>SH2D3A</i>	-0.00727878	0.031265867	0.999599214	1
CAD	pericyte	<i>SLC26A5</i>	-0.003007298	0.02034063	0.999599214	1
CAD	pericyte	<i>SLC6A7</i>	-0.078901336	0.018625671	0.999599214	1
CAD	pericyte	<i>SUGP2</i>	0.00230153	0.030903139	0.999599214	1
CAD	pericyte	<i>TAF1B</i>	0.004287012	0.034420879	0.999599214	1
CAD	pericyte	<i>TMEM161A</i>	0.005960577	0.033489596	0.999599214	1
CAD	pericyte	<i>TMEM8B</i>	0.005337665	0.040793014	0.999599214	1
CAD	pericyte	<i>TNNI3K</i>	0.070767243	0.032774154	0.999599214	1
CAD	pericyte	<i>TRHDE</i>	0.001359993	0.037981061	0.999599214	1
CAD	pericyte	<i>ULK3</i>	-0.005939038	0.043032609	0.999599214	1
CAD	pericyte	<i>USP6</i>	0.036480697	0.003662861	0.999599214	1
CAD	pericyte	<i>WBP1L</i>	0.003727223	0.049199757	0.999599214	1
CAD	pericyte	<i>ZNF232</i>	0.021045333	0.014125087	0.999599214	1
CAD	pericyte	<i>ZNF334</i>	0.006043131	0.00823233	0.999599214	1

CAD	pericyte	<i>FOXL2</i>	0.07201744	0.030660327	0.999599214	1
CAD	SMC	<i>ACADL</i>	0.004859135	0.031559163	0.999418101	1
CAD	SMC	<i>ADHFE1</i>	0.002717339	0.036428327	0.999418101	1
CAD	SMC	<i>AMACR</i>	0.051584834	0.013965648	0.999418101	1
CAD	SMC	<i>ASB4</i>	0.029683824	0.016818877	0.999418101	1
CAD	SMC	<i>ATP5H</i>	-0.005900759	0.001201806	0.999418101	1
CAD	SMC	<i>C9orf152</i>	0.020303369	0.037751018	0.999418101	1
CAD	SMC	<i>CFL2</i>	0.00699972	0.047910927	0.999418101	1
CAD	SMC	<i>CLEC3B</i>	0.011984394	0.028765591	0.999418101	1
CAD	SMC	<i>CLEC4D</i>	0.020030123	0.043351129	0.999418101	1
CAD	SMC	<i>CYP26B1</i>	0.036064209	0.012517676	0.999418101	1
CAD	SMC	<i>DNLZ</i>	0.067356837	0.020363523	0.999418101	1
CAD	SMC	<i>EXOSC10</i>	-0.008687065	0.002439395	0.999418101	1
CAD	SMC	<i>FAM118A</i>	-0.004887745	0.044343295	0.999418101	1
CAD	SMC	<i>FAM173B</i>	0.004639187	0.043313008	0.999418101	1
CAD	SMC	<i>FAM181B</i>	0.04080417	0.034262958	0.999418101	1
CAD	SMC	<i>FBXO25</i>	-0.00330748	0.013621832	0.999418101	1
CAD	SMC	<i>FIGLA</i>	0.017582377	0.046338286	0.999418101	1
CAD	SMC	<i>HAGH</i>	-0.003044347	0.014901689	0.999418101	1
CAD	SMC	<i>HK2</i>	0.003169977	0.036253372	0.999418101	1
CAD	SMC	<i>HSPB7</i>	0.022676651	0.04054986	0.999418101	1
CAD	SMC	<i>IL4R</i>	-0.002381662	0.030380461	0.999418101	1
CAD	SMC	<i>LDLRAD2</i>	0.018008831	0.042152335	0.999418101	1
CAD	SMC	<i>MOV10</i>	0.004311799	0.028606217	0.999418101	1
CAD	SMC	<i>MRO</i>	0.020462693	0.043994818	0.999418101	1
CAD	SMC	<i>NDUFAF4</i>	-0.005620814	0.04582954	0.999418101	1
CAD	SMC	<i>NUDT8</i>	0.016850803	0.028122768	0.999418101	1
CAD	SMC	<i>OXGR1</i>	0.050592885	0.043724612	0.999418101	1
CAD	SMC	<i>PBLD</i>	0.007930671	0.020820842	0.999418101	1
CAD	SMC	<i>PKP3</i>	-0.014823375	0.03283753	0.999418101	1
CAD	SMC	<i>PON1</i>	0.034807846	0.006965016	0.999418101	1
CAD	SMC	<i>PTN</i>	0.005170895	0.035182465	0.999418101	1
CAD	SMC	<i>RAB24</i>	-0.04170027	0.012723639	0.999418101	1
CAD	SMC	<i>RDH11</i>	0.004910599	0.010317576	0.999418101	1
CAD	SMC	<i>RPS6KL1</i>	0.007750278	0.036858841	0.999418101	1
CAD	SMC	<i>RUFY2</i>	0.001798084	0.028860791	0.999418101	1
CAD	SMC	<i>SH2D2A</i>	0.01400235	0.037686697	0.999418101	1
CAD	SMC	<i>SNX1</i>	-0.001854666	0.036294657	0.999418101	1
CAD	SMC	<i>SUCLG1</i>	0.00536593	0.033475397	0.999418101	1
CAD	SMC	<i>SYT15</i>	0.030782971	0.029529715	0.999418101	1
CAD	SMC	<i>TAS2R4</i>	-0.010381824	0.042520168	0.999418101	1
CAD	SMC	<i>TRIM45</i>	0.018078015	0.026639477	0.999418101	1
CAD	SMC	<i>TRIM7</i>	0.019788599	0.029996748	0.999418101	1
CAD	SMC	<i>TRMT10B</i>	0.003112825	0.021735063	0.999418101	1
CAD	SMC	<i>TSC1</i>	0.004114603	0.028028422	0.999418101	1
CAD	SMC	<i>TTC4</i>	0.018628257	0.038920765	0.999418101	1
CAD	SMC	<i>TXNL4A</i>	0.002683364	0.023050437	0.999418101	1
CAD	SMC	<i>UBAP1L</i>	0.004114736	0.040678857	0.999418101	1
CAD	SMC	<i>USP6</i>	0.038171729	0.002184071	0.999418101	1
CAD	SMC	<i>YPEL3</i>	-0.004254649	0.016640924	0.999418101	1
CAD	SMC	<i>ZC3H3</i>	0.005312531	0.032149947	0.999418101	1
CAD	SMC	<i>ZKSCAN7</i>	0.012241054	0.025593763	0.999418101	1

CAD	SMC	<i>ZNF135</i>	0.006588509	0.027655249	0.999418101	1
CAD	SMC	<i>ZNF232</i>	0.019919169	0.01952341	0.999418101	1
CAD	t_cell	<i>ACAD9</i>	0.008555261	0.006467336	0.999911924	1
CAD	t_cell	<i>ANKRD13A</i>	0.002259508	0.041001327	0.999911924	1
CAD	t_cell	<i>ANO7</i>	-0.011973377	0.01452496	0.999911924	1
CAD	t_cell	<i>ARHGAP9</i>	-0.00449327	0.025214677	0.999911924	1
CAD	t_cell	<i>ATP6AP1L</i>	0.004053374	0.049333138	0.999911924	1
CAD	t_cell	<i>C11orf21</i>	0.012568218	0.037088223	0.999911924	1
CAD	t_cell	<i>CCDC112</i>	0.003707253	0.017072519	0.999911924	1
CAD	t_cell	<i>CCDC39</i>	0.002221392	0.04076456	0.999911924	1
CAD	t_cell	<i>CENPN</i>	0.023173289	0.015173865	0.999911924	1
CAD	t_cell	<i>CERS1</i>	0.024845465	0.014073346	0.999911924	1
CAD	t_cell	<i>COX15</i>	0.005324987	0.002990145	0.999911924	1
CAD	t_cell	<i>DNAJC30</i>	0.015974269	0.002251093	0.999911924	1
CAD	t_cell	<i>ECHDC2</i>	0.001506777	0.035399914	0.999911924	1
CAD	t_cell	<i>FOLR1</i>	0.011114621	0.01314426	0.999911924	1
CAD	t_cell	<i>GGPS1</i>	0.003061154	0.045874272	0.999911924	1
CAD	t_cell	<i>GNRHR</i>	-0.010658789	0.026342577	0.999911924	1
CAD	t_cell	<i>GPR52</i>	0.069096341	0.011277099	0.999911924	1
CAD	t_cell	<i>HKDC1</i>	0.031116749	0.03474903	0.999911924	1
CAD	t_cell	<i>HSPA12A</i>	0.003132998	0.040391937	0.999911924	1
CAD	t_cell	<i>IFIT1B</i>	0.040324363	0.030756132	0.999911924	1
CAD	t_cell	<i>IPO7</i>	0.003648087	0.019916706	0.999911924	1
CAD	t_cell	<i>LURAP1</i>	0.007047903	0.049441928	0.999911924	1
CAD	t_cell	<i>MDGA1</i>	0.009001777	0.047455197	0.999911924	1
CAD	t_cell	<i>MIAT</i>	-0.00803382	0.016207601	0.999911924	1
CAD	t_cell	<i>MPHOSPH6</i>	0.003560437	0.014383687	0.999911924	1
CAD	t_cell	<i>PAXIP1-AS1</i>	0.007184521	0.010731079	0.999911924	1
CAD	t_cell	<i>PDE1B</i>	0.006361126	0.016238932	0.999911924	1
CAD	t_cell	<i>PPCDC</i>	-0.002878917	0.042097741	0.999911924	1
CAD	t_cell	<i>PRDM15</i>	0.008025649	0.011900451	0.999911924	1
CAD	t_cell	<i>RAPGEF6</i>	0.0085758	0.024728639	0.999911924	1
CAD	t_cell	<i>RFWD2</i>	-0.00067763	0.028313256	0.999911924	1
CAD	t_cell	<i>RHOB</i>	0.009875498	0.015601984	0.999911924	1
CAD	t_cell	<i>RPS10</i>	0.016664935	0.018751465	0.999911924	1
CAD	t_cell	<i>RSU1</i>	-0.001800674	0.008683317	0.999911924	1
CAD	t_cell	<i>SH3D21</i>	-0.01734712	0.031477613	0.999911924	1
CAD	t_cell	<i>SLAIN2</i>	0.002895829	0.04508141	0.999911924	1
CAD	t_cell	<i>SLC26A5</i>	0.002693419	0.037654252	0.999911924	1
CAD	t_cell	<i>TMEM11</i>	0.006674222	0.025690791	0.999911924	1
CAD	t_cell	<i>TMEM8B</i>	0.006693785	0.010310309	0.999911924	1
CAD	t_cell	<i>TXNL4A</i>	-0.002501413	0.035804163	0.999911924	1
CAD	t_cell	<i>VPS37D</i>	-0.052550319	0.020457516	0.999911924	1
CAD	t_cell	<i>ZFP62</i>	0.005659727	0.002719263	0.999911924	1
CAD	t_cell	<i>SLC12A5</i>	-0.04426255	0.015625939	0.999911924	1
CAD	t_cell	<i>TTC24</i>	0.005162623	0.031415209	0.999911924	1
T2DM	adipocyte	<i>AADAC</i>	-0.005507568	0.035025192	0.90877901	1
T2DM	adipocyte	<i>ACAD10</i>	-0.004317852	0.021677978	0.90877901	1
T2DM	adipocyte	<i>ACOX3</i>	-0.003668521	0.047027439	0.90877901	1
T2DM	adipocyte	<i>ACSS3</i>	-0.001641899	0.023244809	0.90877901	1
T2DM	adipocyte	<i>ADO</i>	-0.013934088	0.033276826	0.90877901	1
T2DM	adipocyte	<i>AK3</i>	-0.003648186	0.020295964	0.90877901	1

T2DM	adipocyte	<i>AL357673.1</i>	0.009107789	0.031600104	0.90877901	1
T2DM	adipocyte	<i>AMIGO1</i>	-0.044112967	0.038152734	0.90877901	1
T2DM	adipocyte	<i>ANXA8L1</i>	-0.002366981	0.039088428	0.90877901	1
T2DM	adipocyte	<i>ATOH8</i>	-0.008242559	0.005973753	0.90877901	1
T2DM	adipocyte	<i>ATP8B3</i>	-0.012339521	0.037107615	0.90877901	1
T2DM	adipocyte	<i>BCL2L13</i>	-0.001994704	0.034075967	0.90877901	1
T2DM	adipocyte	<i>BDNF</i>	-0.019948271	0.002535656	0.90877901	1
T2DM	adipocyte	<i>BTNL8</i>	-0.008957586	0.004614093	0.90877901	1
T2DM	adipocyte	<i>C19orf18</i>	-0.009542729	0.014628579	0.90877901	1
T2DM	adipocyte	<i>C2CD5</i>	-0.001482686	0.033704351	0.90877901	1
T2DM	adipocyte	<i>C8orf37</i>	-0.016594275	0.028862535	0.90877901	1
T2DM	adipocyte	<i>CAPN9</i>	-0.014002785	0.006607976	0.90877901	1
T2DM	adipocyte	<i>CASP7</i>	-0.003830219	0.047024626	0.90877901	1
T2DM	adipocyte	<i>CBY1</i>	-0.005571258	0.024712451	0.90877901	1
T2DM	adipocyte	<i>CHDH</i>	-0.015059624	0.023096393	0.90877901	1
T2DM	adipocyte	<i>CNTNAP1</i>	-0.009584849	0.029657251	0.90877901	1
T2DM	adipocyte	<i>CWC15</i>	-0.002323362	0.048027218	0.90877901	1
T2DM	adipocyte	<i>DDHD2</i>	-0.002100431	0.014580037	0.90877901	1
T2DM	adipocyte	<i>DMKN</i>	-0.003743122	0.035667998	0.90877901	1
T2DM	adipocyte	<i>DOCK5</i>	0.000892599	0.038257407	0.90877901	1
T2DM	adipocyte	<i>DOK7</i>	-0.054067257	0.044233905	0.90877901	1
T2DM	adipocyte	<i>DPYSL4</i>	0.044744223	0.038021507	0.90877901	1
T2DM	adipocyte	<i>DUSP23</i>	-0.01165511	0.002991967	0.90877901	1
T2DM	adipocyte	<i>EFNB3</i>	-0.024875101	0.041137743	0.90877901	1
T2DM	adipocyte	<i>EIF2AK4</i>	-0.002634734	0.030771668	0.90877901	1
T2DM	adipocyte	<i>ENPP1</i>	-0.00429263	0.038463449	0.90877901	1
T2DM	adipocyte	<i>EPS8</i>	-0.000749702	0.046506099	0.90877901	1
T2DM	adipocyte	<i>ERMP1</i>	-0.003841177	0.016660418	0.90877901	1
T2DM	adipocyte	<i>EYA1</i>	0.005818862	0.01075145	0.90877901	1
T2DM	adipocyte	<i>FAM114A1</i>	-0.002958402	0.045702804	0.90877901	1
T2DM	adipocyte	<i>FAM181B</i>	-0.031547195	0.032386402	0.90877901	1
T2DM	adipocyte	<i>FAM196A</i>	-0.002482528	0.012796054	0.90877901	1
T2DM	adipocyte	<i>FAM50B</i>	-0.017072771	0.048794436	0.90877901	1
T2DM	adipocyte	<i>FBXO2</i>	-0.035280902	0.002414532	0.90877901	1
T2DM	adipocyte	<i>FLG</i>	-0.034827329	0.018348874	0.90877901	1
T2DM	adipocyte	<i>FLT4</i>	0.002784447	0.046553412	0.90877901	1
T2DM	adipocyte	<i>FSTL4</i>	-0.019826182	0.023825175	0.90877901	1
T2DM	adipocyte	<i>FTCDNL1</i>	-0.00236443	0.031988366	0.90877901	1
T2DM	adipocyte	<i>G6PC3</i>	-0.009005714	0.037911808	0.90877901	1
T2DM	adipocyte	<i>GDNF-AS1</i>	-0.003487873	0.039321087	0.90877901	1
T2DM	adipocyte	<i>GLIPR1L2</i>	-0.00672901	0.045282359	0.90877901	1
T2DM	adipocyte	<i>GOLM1</i>	-0.006226946	0.01133264	0.90877901	1
T2DM	adipocyte	<i>GSTZ1</i>	-0.00561281	0.040175339	0.90877901	1
T2DM	adipocyte	<i>HSPA12A</i>	-0.003186543	0.005930659	0.90877901	1
T2DM	adipocyte	<i>HTR1F</i>	-0.02632345	0.015387479	0.90877901	1
T2DM	adipocyte	<i>IFIT1B</i>	0.031207462	0.030103884	0.90877901	1
T2DM	adipocyte	<i>INPP5B</i>	-0.003104957	0.034193734	0.90877901	1
T2DM	adipocyte	<i>IQSEC3</i>	-0.01368496	0.035738571	0.90877901	1
T2DM	adipocyte	<i>LAMB1</i>	-0.001080099	0.036594943	0.90877901	1
T2DM	adipocyte	<i>LINC00240</i>	-0.005091298	0.044487543	0.90877901	1
T2DM	adipocyte	<i>LINC01060</i>	0.004179425	0.028015842	0.90877901	1
T2DM	adipocyte	<i>LINC01133</i>	-0.0027389	0.03601631	0.90877901	1

T2DM	adipocyte	<i>LINC01139</i>	-0.013728321	0.045864907	0.90877901	1
T2DM	adipocyte	<i>LRRC23</i>	-0.003552224	0.003558292	0.90877901	1
T2DM	adipocyte	<i>MAP2K5</i>	-0.001620799	0.044180518	0.90877901	1
T2DM	adipocyte	<i>MATN4</i>	-0.053274177	0.047453573	0.90877901	1
T2DM	adipocyte	<i>MCC</i>	-0.00153425	0.034820301	0.90877901	1
T2DM	adipocyte	<i>MDGA1</i>	-0.007154705	0.037842756	0.90877901	1
T2DM	adipocyte	<i>MGAT4C</i>	0.002927749	0.049948837	0.90877901	1
T2DM	adipocyte	<i>MGMT</i>	-0.002196485	0.031188616	0.90877901	1
T2DM	adipocyte	<i>MIR22HG</i>	-0.010934746	0.007172388	0.90877901	1
T2DM	adipocyte	<i>MORN4</i>	-0.007180314	0.038273687	0.90877901	1
T2DM	adipocyte	<i>MXRA7</i>	-0.00882939	0.03662946	0.90877901	1
T2DM	adipocyte	<i>NAA11</i>	-0.005459983	0.00216319	0.90877901	1
T2DM	adipocyte	<i>NCKAP1</i>	0.001806634	0.023387606	0.90877901	1
T2DM	adipocyte	<i>NPASI</i>	-0.013050453	0.025950372	0.90877901	1
T2DM	adipocyte	<i>NT5DC3</i>	-0.003010005	0.043441986	0.90877901	1
T2DM	adipocyte	<i>NUSAP1</i>	-0.005414645	0.022050935	0.90877901	1
T2DM	adipocyte	<i>PCBP3</i>	-0.006051234	0.021996472	0.90877901	1
T2DM	adipocyte	<i>PCDHA10</i>	-0.025668322	0.017808106	0.90877901	1
T2DM	adipocyte	<i>PCDHGB6</i>	-0.019682631	0.024651722	0.90877901	1
T2DM	adipocyte	<i>PDE6C</i>	-0.009368383	0.019927993	0.90877901	1
T2DM	adipocyte	<i>PDZD2</i>	-0.001224122	0.000795471	0.90877901	1
T2DM	adipocyte	<i>PDZK1IP1</i>	-0.016962982	0.023476972	0.90877901	1
T2DM	adipocyte	<i>PEPD</i>	0.001939834	0.011572722	0.90877901	1
T2DM	adipocyte	<i>PHYH</i>	-0.005186176	0.003319716	0.90877901	1
T2DM	adipocyte	<i>PLEKHH2</i>	-0.000996477	0.049528748	0.90877901	1
T2DM	adipocyte	<i>POMGNT1</i>	-0.009471791	0.005406041	0.90877901	1
T2DM	adipocyte	<i>PRDM6</i>	-0.004989802	0.049683201	0.90877901	1
T2DM	adipocyte	<i>PRKAR1B</i>	0.003209527	0.044307496	0.90877901	1
T2DM	adipocyte	<i>PSMD13</i>	-0.003889939	0.026702983	0.90877901	1
T2DM	adipocyte	<i>PSMD5</i>	-0.00256379	0.021151224	0.90877901	1
T2DM	adipocyte	<i>PSORS1C1</i>	-0.010184092	0.021406549	0.90877901	1
T2DM	adipocyte	<i>PSPH</i>	-0.007983612	0.018062052	0.90877901	1
T2DM	adipocyte	<i>PTPN13</i>	-0.001273359	0.043752313	0.90877901	1
T2DM	adipocyte	<i>PWRN1</i>	-0.005524602	0.019015077	0.90877901	1
T2DM	adipocyte	<i>PYROXD2</i>	-0.004819854	0.021865997	0.90877901	1
T2DM	adipocyte	<i>RAET1E</i>	-0.009795548	0.045692866	0.90877901	1
T2DM	adipocyte	<i>RASAL2-AS1</i>	-0.054137225	0.028116052	0.90877901	1
T2DM	adipocyte	<i>RASEF</i>	-0.022679179	0.043281265	0.90877901	1
T2DM	adipocyte	<i>RHBDL3</i>	-0.010838963	0.028757012	0.90877901	1
T2DM	adipocyte	<i>RNF6</i>	-0.003528357	0.042668939	0.90877901	1
T2DM	adipocyte	<i>RRP15</i>	-0.00262283	0.026930589	0.90877901	1
T2DM	adipocyte	<i>SI00A1</i>	-0.030331981	0.032398012	0.90877901	1
T2DM	adipocyte	<i>SCAPER</i>	-0.001095005	0.027979548	0.90877901	1
T2DM	adipocyte	<i>SCARA5</i>	0.003617728	0.036392297	0.90877901	1
T2DM	adipocyte	<i>SCARB1</i>	-0.002355043	0.036514195	0.90877901	1
T2DM	adipocyte	<i>SCUBE2</i>	-0.009710638	0.035267831	0.90877901	1
T2DM	adipocyte	<i>SDCBP2</i>	-0.015362446	0.048715714	0.90877901	1
T2DM	adipocyte	<i>SDSL</i>	-0.008709838	0.029950708	0.90877901	1
T2DM	adipocyte	<i>SKIV2L</i>	-0.010595625	0.016261171	0.90877901	1
T2DM	adipocyte	<i>SLC25A21-AS1</i>	-0.009979891	0.049339306	0.90877901	1
T2DM	adipocyte	<i>SNTG2</i>	0.001088346	0.047204953	0.90877901	1
T2DM	adipocyte	<i>SPARC</i>	-0.001164888	0.025726425	0.90877901	1

T2DM	adipocyte	<i>SPARCL1</i>	-0.000486362	0.032454307	0.90877901	1
T2DM	adipocyte	<i>SPATA7</i>	-0.002883805	0.034535417	0.90877901	1
T2DM	adipocyte	<i>SPSB2</i>	-0.008435884	0.003461182	0.90877901	1
T2DM	adipocyte	<i>SRP14-AS1</i>	-0.004683361	0.037027594	0.90877901	1
T2DM	adipocyte	<i>SUCLA2</i>	-0.001798966	0.045893895	0.90877901	1
T2DM	adipocyte	<i>TCTEX1D2</i>	-0.011242312	0.034709756	0.90877901	1
T2DM	adipocyte	<i>TFR2</i>	-0.009724466	0.000939411	0.90877901	1
T2DM	adipocyte	<i>TMED6</i>	-0.045985176	0.035080521	0.90877901	1
T2DM	adipocyte	<i>TNPO2</i>	-0.002498833	0.04826241	0.90877901	1
T2DM	adipocyte	<i>TOMM34</i>	-0.007062264	0.042223581	0.90877901	1
T2DM	adipocyte	<i>UBQLN1</i>	-0.001810928	0.025269476	0.90877901	1
T2DM	adipocyte	<i>ULK4</i>	-0.001239124	0.010838911	0.90877901	1
T2DM	adipocyte	<i>USP22</i>	-0.002119011	0.017427404	0.90877901	1
T2DM	adipocyte	<i>VAMP1</i>	-0.005921427	0.022746929	0.90877901	1
T2DM	adipocyte	<i>WDR66</i>	-0.009076863	0.041742175	0.90877901	1
T2DM	adipocyte	<i>ZBTB32</i>	-0.004760453	0.04100449	0.90877901	1
T2DM	adipocyte	<i>ZNF266</i>	-0.003654552	0.007855933	0.90877901	1
T2DM	adipocyte	<i>ZNF404</i>	-0.013066003	0.008275136	0.90877901	1
T2DM	adipocyte	<i>ZNF550</i>	-0.004933184	0.021748034	0.90877901	1
T2DM	adipocyte	<i>ZNF670</i>	-0.025802211	0.008839637	0.90877901	1
T2DM	adipocyte	<i>ZNF827</i>	-0.003368193	0.026411352	0.90877901	1
T2DM	adipocyte	<i>ZNF98</i>	-0.005361964	0.010968375	0.90877901	1
T2DM	adipocyte	<i>ZSCAN18</i>	-0.002226771	0.02476683	0.90877901	1
T2DM	adipocyte	<i>FAM106A</i>	-0.051733964	0.017927265	0.90877901	1
T2DM	adipocyte	<i>LGALS9C</i>	-0.004859684	0.03206926	0.90877901	1
T2DM	adipocyte	<i>REG3G</i>	-0.029566511	0.033603176	0.90877901	1
T2DM	adipocyte	<i>SLC22A3I</i>	-0.007750604	0.022929743	0.90877901	1
T2DM	adipocyte	<i>HCG22</i>	-0.003849951	0.043789254	0.90877901	1
T2DM	ASPC	<i>ABHD1</i>	-0.00521743	0.041465468	0.999528263	1
T2DM	ASPC	<i>ABRACL</i>	0.005780624	0.042404444	0.999528263	1
T2DM	ASPC	<i>AC026740.1</i>	-0.057385636	0.031988572	0.999528263	1
T2DM	ASPC	<i>AC069213.1</i>	-0.044373329	0.046707299	0.999528263	1
T2DM	ASPC	<i>ACOT2</i>	-0.007036321	0.019305006	0.999528263	1
T2DM	ASPC	<i>ADD3</i>	0.001105395	0.009710957	0.999528263	1
T2DM	ASPC	<i>ANKK1</i>	-0.057994112	0.037491786	0.999528263	1
T2DM	ASPC	<i>ANXA8L1</i>	-0.002961026	0.010741568	0.999528263	1
T2DM	ASPC	<i>ARHGAP28</i>	-0.002430464	0.036594363	0.999528263	1
T2DM	ASPC	<i>ARNT2</i>	-0.003192389	0.033913143	0.999528263	1
T2DM	ASPC	<i>ATRIP</i>	-0.015081429	0.033229296	0.999528263	1
T2DM	ASPC	<i>ATRNL1</i>	-0.00188528	0.045322546	0.999528263	1
T2DM	ASPC	<i>BMPRI1B</i>	-0.00508472	0.023857001	0.999528263	1
T2DM	ASPC	<i>BTNL8</i>	-0.006885222	0.030476986	0.999528263	1
T2DM	ASPC	<i>C11orf54</i>	-0.004409671	0.04745014	0.999528263	1
T2DM	ASPC	<i>CCDC40</i>	-0.005959107	0.04995954	0.999528263	1
T2DM	ASPC	<i>CDC6</i>	-0.013168733	0.02014455	0.999528263	1
T2DM	ASPC	<i>CDH15</i>	-0.013089306	0.017152343	0.999528263	1
T2DM	ASPC	<i>CHRD</i>	-0.007556528	0.031480704	0.999528263	1
T2DM	ASPC	<i>CHRNA5</i>	-0.008457177	0.032493042	0.999528263	1
T2DM	ASPC	<i>CMBL</i>	-0.007131859	0.035692072	0.999528263	1
T2DM	ASPC	<i>COG4</i>	0.004091739	0.041035137	0.999528263	1
T2DM	ASPC	<i>CPT1C</i>	-0.015993747	0.042046786	0.999528263	1
T2DM	ASPC	<i>CTSF</i>	-0.007171979	0.011332783	0.999528263	1

T2DM	ASPC	<i>DCP2</i>	0.001514343	0.031884517	0.999528263	1
T2DM	ASPC	<i>DNAJC12</i>	-0.010314333	0.029142269	0.999528263	1
T2DM	ASPC	<i>DR1</i>	-0.003688176	0.026299745	0.999528263	1
T2DM	ASPC	<i>DRD4</i>	-0.018144349	0.035589326	0.999528263	1
T2DM	ASPC	<i>ECT2L</i>	0.005362548	0.015428616	0.999528263	1
T2DM	ASPC	<i>EMILIN3</i>	-0.031943011	0.025992694	0.999528263	1
T2DM	ASPC	<i>ENPP1</i>	-0.004637395	0.024289504	0.999528263	1
T2DM	ASPC	<i>EPHA1</i>	-0.016266179	0.039357084	0.999528263	1
T2DM	ASPC	<i>EPHB6</i>	-0.004986235	0.048492301	0.999528263	1
T2DM	ASPC	<i>EPS8</i>	-0.000829847	0.026533606	0.999528263	1
T2DM	ASPC	<i>ERVW-1</i>	-0.012079555	0.017369363	0.999528263	1
T2DM	ASPC	<i>EYA1</i>	0.004936025	0.028686916	0.999528263	1
T2DM	ASPC	<i>FAM153B</i>	-0.002937966	0.043155878	0.999528263	1
T2DM	ASPC	<i>FIGN</i>	-0.001266122	0.009371732	0.999528263	1
T2DM	ASPC	<i>FLT4</i>	0.003129417	0.023585572	0.999528263	1
T2DM	ASPC	<i>FNDC3B</i>	-0.000626671	0.047239692	0.999528263	1
T2DM	ASPC	<i>G6PC3</i>	-0.009024636	0.038298249	0.999528263	1
T2DM	ASPC	<i>GAS2L2</i>	-0.098729458	0.029208204	0.999528263	1
T2DM	ASPC	<i>GATC</i>	-0.008072048	0.026987555	0.999528263	1
T2DM	ASPC	<i>GDPD1</i>	-0.002629838	0.026414434	0.999528263	1
T2DM	ASPC	<i>GLIPR1L2</i>	-0.006798458	0.043535775	0.999528263	1
T2DM	ASPC	<i>GOLGA8M</i>	-0.009905374	0.046098344	0.999528263	1
T2DM	ASPC	<i>GOLM1</i>	-0.006788995	0.005866345	0.999528263	1
T2DM	ASPC	<i>GXYLT2</i>	-0.002079544	0.019849145	0.999528263	1
T2DM	ASPC	<i>IK</i>	-0.005455987	0.010296704	0.999528263	1
T2DM	ASPC	<i>IL27RA</i>	-0.002325274	0.041186354	0.999528263	1
T2DM	ASPC	<i>ITGB6</i>	-0.027101925	0.004631682	0.999528263	1
T2DM	ASPC	<i>JSRP1</i>	-0.051799526	0.00125834	0.999528263	1
T2DM	ASPC	<i>KHDC1</i>	-0.003955156	0.046031317	0.999528263	1
T2DM	ASPC	<i>KHK</i>	-0.020003023	0.029679293	0.999528263	1
T2DM	ASPC	<i>KLK5</i>	-0.019056497	0.021387676	0.999528263	1
T2DM	ASPC	<i>KLK7</i>	-0.008928119	0.018176564	0.999528263	1
T2DM	ASPC	<i>KRT5</i>	-0.01511422	0.030286631	0.999528263	1
T2DM	ASPC	<i>LINC00240</i>	-0.005892278	0.019919909	0.999528263	1
T2DM	ASPC	<i>LIPI</i>	-0.007032183	0.018865268	0.999528263	1
T2DM	ASPC	<i>LYG1</i>	-0.015582024	0.047148372	0.999528263	1
T2DM	ASPC	<i>MDM1</i>	-0.003959423	0.034621127	0.999528263	1
T2DM	ASPC	<i>MMRN1</i>	0.000827283	0.038981409	0.999528263	1
T2DM	ASPC	<i>MUC4</i>	-0.01245404	0.031944282	0.999528263	1
T2DM	ASPC	<i>MXRA7</i>	-0.008771365	0.03800936	0.999528263	1
T2DM	ASPC	<i>NALCN</i>	0.002631098	0.04201971	0.999528263	1
T2DM	ASPC	<i>NKD2</i>	-0.083443561	0.042780637	0.999528263	1
T2DM	ASPC	<i>NT5DC3</i>	-0.003169997	0.033790288	0.999528263	1
T2DM	ASPC	<i>PCDHA3</i>	-0.111322941	0.004659961	0.999528263	1
T2DM	ASPC	<i>PCDHA7</i>	-0.094715786	0.043496397	0.999528263	1
T2DM	ASPC	<i>PCDHGB6</i>	-0.020366908	0.019987311	0.999528263	1
T2DM	ASPC	<i>PDZD2</i>	-0.000871501	0.016945856	0.999528263	1
T2DM	ASPC	<i>PEX11G</i>	-0.00904512	0.034869732	0.999528263	1
T2DM	ASPC	<i>PLEKHH2</i>	-0.001135096	0.024785165	0.999528263	1
T2DM	ASPC	<i>PLLP</i>	-0.006875145	0.049298797	0.999528263	1
T2DM	ASPC	<i>PLOD1</i>	-0.011096217	0.023169051	0.999528263	1
T2DM	ASPC	<i>POMGNT1</i>	-0.007533584	0.027319561	0.999528263	1

T2DM	ASPC	<i>PRCD</i>	-0.010493461	0.010098657	0.999528263	1
T2DM	ASPC	<i>PRDM15</i>	-0.004905897	0.042975378	0.999528263	1
T2DM	ASPC	<i>PROM2</i>	-0.068997957	0.025619879	0.999528263	1
T2DM	ASPC	<i>PTBP2</i>	-0.001207537	0.048348665	0.999528263	1
T2DM	ASPC	<i>PTPN13</i>	-0.001505156	0.01786852	0.999528263	1
T2DM	ASPC	<i>RBFOX1</i>	-0.001290884	0.016334752	0.999528263	1
T2DM	ASPC	<i>RFWD2</i>	-0.000483449	0.041092221	0.999528263	1
T2DM	ASPC	<i>RGL3</i>	-0.004558179	0.045002844	0.999528263	1
T2DM	ASPC	<i>RIC8A</i>	-0.005294521	0.012228093	0.999528263	1
T2DM	ASPC	<i>RIFI</i>	-0.001760071	0.012779003	0.999528263	1
T2DM	ASPC	<i>RPIL1</i>	-0.019012504	0.041510797	0.999528263	1
T2DM	ASPC	<i>RTEL1</i>	-0.040906421	0.047948486	0.999528263	1
T2DM	ASPC	<i>SCGN</i>	-0.049605684	0.019244792	0.999528263	1
T2DM	ASPC	<i>SEZ6L2</i>	-0.0092433	0.005062192	0.999528263	1
T2DM	ASPC	<i>SLC25A21-AS1</i>	-0.01300694	0.010689041	0.999528263	1
T2DM	ASPC	<i>SMARCAL1</i>	-0.006140332	0.021540675	0.999528263	1
T2DM	ASPC	<i>SPARC</i>	-0.001497157	0.004132315	0.999528263	1
T2DM	ASPC	<i>SPIRE2</i>	-0.006114008	0.046864244	0.999528263	1
T2DM	ASPC	<i>ST20</i>	-0.012028259	0.021039052	0.999528263	1
T2DM	ASPC	<i>STAB2</i>	0.002326544	0.018079607	0.999528263	1
T2DM	ASPC	<i>STEAP2</i>	-0.003922593	0.038282515	0.999528263	1
T2DM	ASPC	<i>SULF1</i>	-0.000946528	0.046539786	0.999528263	1
T2DM	ASPC	<i>TBX15</i>	-0.00933593	0.037569334	0.999528263	1
T2DM	ASPC	<i>TBX2</i>	-0.004204323	0.000890172	0.999528263	1
T2DM	ASPC	<i>TMCO6</i>	-0.006119455	0.029331101	0.999528263	1
T2DM	ASPC	<i>TOX3</i>	-0.051892887	0.012684724	0.999528263	1
T2DM	ASPC	<i>UBAP1L</i>	0.005122439	0.000826498	0.999528263	1
T2DM	ASPC	<i>UPK3B</i>	-0.00257753	0.047589747	0.999528263	1
T2DM	ASPC	<i>VAMP4</i>	0.002303833	0.028983262	0.999528263	1
T2DM	ASPC	<i>YTHDC2</i>	-0.00129234	0.016325426	0.999528263	1
T2DM	ASPC	<i>ZNF575</i>	-0.017311639	0.00762108	0.999528263	1
T2DM	ASPC	<i>ZNF677</i>	-0.006878887	0.031361677	0.999528263	1
T2DM	ASPC	<i>ZNF787</i>	-0.0091105	0.004345304	0.999528263	1
T2DM	ASPC	<i>ZNF98</i>	-0.004379753	0.036847012	0.999528263	1
T2DM	ASPC	<i>LINC00619</i>	0.035513074	0.012543428	0.999528263	1
T2DM	ASPC	<i>LILRA4</i>	-0.005182819	0.040496447	0.999528263	1
T2DM	ASPC	<i>FAM25A</i>	-0.007089048	0.017857716	0.999528263	1
T2DM	b_cell	<i>ABCF3</i>	-0.009505503	0.046126105	0.992639794	1
T2DM	b_cell	<i>ADAMTS2</i>	-0.002571655	0.031326092	0.992639794	1
T2DM	b_cell	<i>ADRA2B</i>	-0.022633493	0.020111	0.992639794	1
T2DM	b_cell	<i>APIAR</i>	-0.00449102	0.003297592	0.992639794	1
T2DM	b_cell	<i>ASAH2B</i>	-0.016838834	0.037526103	0.992639794	1
T2DM	b_cell	<i>BCO2</i>	-0.002642667	0.01701862	0.992639794	1
T2DM	b_cell	<i>BTNL8</i>	-0.00675518	0.033725311	0.992639794	1
T2DM	b_cell	<i>C17orf107</i>	-0.036118349	0.041244051	0.992639794	1
T2DM	b_cell	<i>C2CD5</i>	-0.002215739	0.001461776	0.992639794	1
T2DM	b_cell	<i>CASP7</i>	-0.004671347	0.015224746	0.992639794	1
T2DM	b_cell	<i>CBY1</i>	-0.005512301	0.026458538	0.992639794	1
T2DM	b_cell	<i>CCDC171</i>	-0.003000893	0.041182261	0.992639794	1
T2DM	b_cell	<i>CCDC78</i>	-0.056609892	0.017579994	0.992639794	1
T2DM	b_cell	<i>COL27A1</i>	-0.004271428	0.02715453	0.992639794	1
T2DM	b_cell	<i>DBNDD2</i>	-0.026948353	0.001787423	0.992639794	1

T2DM	b_cell	<i>DDX31</i>	-0.00334286	0.008408714	0.992639794	1
T2DM	b_cell	<i>DEFB119</i>	0.01406351	0.027325876	0.992639794	1
T2DM	b_cell	<i>DTX1</i>	0.002832946	0.046842746	0.992639794	1
T2DM	b_cell	<i>ECM2</i>	-0.002072925	0.002225188	0.992639794	1
T2DM	b_cell	<i>EFCAB1</i>	0.031157452	0.011692035	0.992639794	1
T2DM	b_cell	<i>FGFR4</i>	-0.04079656	0.035092233	0.992639794	1
T2DM	b_cell	<i>GALR1</i>	-0.053545503	0.028368167	0.992639794	1
T2DM	b_cell	<i>GDPGP1</i>	-0.013949091	0.043008273	0.992639794	1
T2DM	b_cell	<i>GFM1</i>	-0.002399613	0.045920948	0.992639794	1
T2DM	b_cell	<i>GPR158</i>	0.014489726	0.010940182	0.992639794	1
T2DM	b_cell	<i>GPR180</i>	-0.003422512	0.02549055	0.992639794	1
T2DM	b_cell	<i>GRHPR</i>	-0.004483294	0.021983806	0.992639794	1
T2DM	b_cell	<i>GUF1</i>	-0.004736786	0.016308582	0.992639794	1
T2DM	b_cell	<i>HAGHL</i>	-0.02450366	0.007206444	0.992639794	1
T2DM	b_cell	<i>HAPLN3</i>	-0.008677152	0.034123619	0.992639794	1
T2DM	b_cell	<i>HAR1A</i>	0.052499932	1.92E-05	0.088702496	0.088702496
T2DM	b_cell	<i>HOXD4</i>	0.052845977	0.045592745	0.992639794	1
T2DM	b_cell	<i>IDUA</i>	-0.005451291	0.037383295	0.992639794	1
T2DM	b_cell	<i>ILF3-AS1</i>	-0.005995878	0.037841449	0.992639794	1
T2DM	b_cell	<i>INO80B</i>	-0.007467044	0.039080268	0.992639794	1
T2DM	b_cell	<i>ISLR2</i>	0.023080913	0.047011998	0.992639794	1
T2DM	b_cell	<i>LAMB1</i>	-0.001050704	0.043447292	0.992639794	1
T2DM	b_cell	<i>LBX2</i>	0.016585086	0.036241507	0.992639794	1
T2DM	b_cell	<i>LRRC57</i>	0.003937459	0.0088747	0.992639794	1
T2DM	b_cell	<i>MAK16</i>	-0.009348798	0.001548095	0.992639794	1
T2DM	b_cell	<i>MGMT</i>	-0.002196482	0.031154822	0.992639794	1
T2DM	b_cell	<i>MMP14</i>	-0.012703505	0.013144022	0.992639794	1
T2DM	b_cell	<i>MMP27</i>	0.056695862	0.015514143	0.992639794	1
T2DM	b_cell	<i>MRPL36</i>	-0.008430867	0.015085536	0.992639794	1
T2DM	b_cell	<i>MSH1</i>	-0.036975194	0.014263894	0.992639794	1
T2DM	b_cell	<i>MTG2</i>	-0.00421269	0.019281426	0.992639794	1
T2DM	b_cell	<i>MUC4</i>	-0.013598293	0.018863558	0.992639794	1
T2DM	b_cell	<i>NARFL</i>	-0.005809586	0.028316354	0.992639794	1
T2DM	b_cell	<i>NDUFC1</i>	-0.002475646	0.007267038	0.992639794	1
T2DM	b_cell	<i>NOC4L</i>	-0.016559604	0.046701252	0.992639794	1
T2DM	b_cell	<i>NT5C3B</i>	-0.005588688	0.038122877	0.992639794	1
T2DM	b_cell	<i>OLFM2</i>	-0.00846719	0.015796261	0.992639794	1
T2DM	b_cell	<i>PLEKHH2</i>	-0.00109772	0.030053561	0.992639794	1
T2DM	b_cell	<i>PRPF38A</i>	0.003675215	0.038891124	0.992639794	1
T2DM	b_cell	<i>PTH1R</i>	-0.003877428	0.043458573	0.992639794	1
T2DM	b_cell	<i>PTPN13</i>	-0.001364957	0.031582684	0.992639794	1
T2DM	b_cell	<i>RAD52</i>	-0.003894241	0.021079653	0.992639794	1
T2DM	b_cell	<i>RBFOX1</i>	-0.001124741	0.037096526	0.992639794	1
T2DM	b_cell	<i>RGL3</i>	-0.004537922	0.045979771	0.992639794	1
T2DM	b_cell	<i>RNF8</i>	-0.004756014	0.022346573	0.992639794	1
T2DM	b_cell	<i>RSG1</i>	-0.010596958	0.02508672	0.992639794	1
T2DM	b_cell	<i>RSU1</i>	-0.001078092	0.04007784	0.992639794	1
T2DM	b_cell	<i>SBNO2</i>	-0.003574131	0.009043814	0.992639794	1
T2DM	b_cell	<i>SH3YL1</i>	-0.00414007	0.023335834	0.992639794	1
T2DM	b_cell	<i>SLC23A3</i>	-0.01694859	0.008206924	0.992639794	1
T2DM	b_cell	<i>SLC7A9</i>	-0.017282567	0.014884175	0.992639794	1
T2DM	b_cell	<i>SNUPN</i>	-0.004243553	0.040368378	0.992639794	1

T2DM	b_cell	<i>SSBP4</i>	-0.003188091	0.041316023	0.992639794	1
T2DM	b_cell	<i>STON1</i>	-0.005696758	0.042841117	0.992639794	1
T2DM	b_cell	<i>SULF1</i>	-0.001052707	0.026568717	0.992639794	1
T2DM	b_cell	<i>SULT1C2</i>	-0.011592621	0.049395074	0.992639794	1
T2DM	b_cell	<i>SUPT16H</i>	-0.002759932	0.018253124	0.992639794	1
T2DM	b_cell	<i>TGM2</i>	-0.002012443	0.042709101	0.992639794	1
T2DM	b_cell	<i>THUMPD2</i>	-0.002852429	0.029382722	0.992639794	1
T2DM	b_cell	<i>TMEM242</i>	-0.003181484	0.020387631	0.992639794	1
T2DM	b_cell	<i>TRIM24</i>	0.003056929	0.043996602	0.992639794	1
T2DM	b_cell	<i>TRIM66</i>	-0.002888088	0.040644031	0.992639794	1
T2DM	b_cell	<i>TTC23</i>	-0.004527113	0.019679773	0.992639794	1
T2DM	b_cell	<i>TTC32</i>	0.006582645	0.036465232	0.992639794	1
T2DM	b_cell	<i>ULK4</i>	-0.001210919	0.013199939	0.992639794	1
T2DM	b_cell	<i>VAMP8</i>	0.002225594	0.028052337	0.992639794	1
T2DM	b_cell	<i>WDR24</i>	-0.008071423	0.043650419	0.992639794	1
T2DM	b_cell	<i>WT1</i>	-0.001457897	0.028273822	0.992639794	1
T2DM	b_cell	<i>WTAP</i>	-0.003218766	0.021712249	0.992639794	1
T2DM	b_cell	<i>ZFP62</i>	-0.003089638	0.032815349	0.992639794	1
T2DM	b_cell	<i>ZKSCAN3</i>	-0.00530744	0.012639961	0.992639794	1
T2DM	b_cell	<i>ZNF165</i>	-0.054248869	0.013465772	0.992639794	1
T2DM	b_cell	<i>ZNF264</i>	-0.00254909	0.02267272	0.992639794	1
T2DM	b_cell	<i>ZNF738</i>	-0.004372287	0.026501948	0.992639794	1
T2DM	b_cell	<i>ZNF880</i>	-0.005713891	0.000812806	0.992639794	1
T2DM	b_cell	<i>KLHDC7A</i>	-0.004655577	0.047385258	0.992639794	1
T2DM	dendritic_cell	<i>AADAC</i>	-0.005391069	0.03903561	0.948604856	1
T2DM	dendritic_cell	<i>ABHD14A</i>	-0.006706899	0.020086697	0.948604856	1
T2DM	dendritic_cell	<i>AC019117.2</i>	-0.033629433	0.013834913	0.948604856	1
T2DM	dendritic_cell	<i>ACSS3</i>	-0.001511313	0.036635363	0.948604856	1
T2DM	dendritic_cell	<i>ADAMTS2</i>	-0.002731844	0.022605975	0.948604856	1
T2DM	dendritic_cell	<i>ADH4</i>	-0.009132309	9.61E-05	0.444741415	0.444741415
T2DM	dendritic_cell	<i>AGT</i>	-0.022239066	0.014084765	0.948604856	1
T2DM	dendritic_cell	<i>ANXA8L1</i>	-0.002717623	0.017946262	0.948604856	1
T2DM	dendritic_cell	<i>ARHGAP28</i>	-0.002972572	0.009945823	0.948604856	1
T2DM	dendritic_cell	<i>ARL6IP5</i>	0.001506188	0.032647954	0.948604856	1
T2DM	dendritic_cell	<i>ARMS2</i>	-0.05583353	0.040754974	0.948604856	1
T2DM	dendritic_cell	<i>ARNT2</i>	-0.003278805	0.028400886	0.948604856	1
T2DM	dendritic_cell	<i>ATRNL1</i>	-0.002160455	0.021632041	0.948604856	1
T2DM	dendritic_cell	<i>BCO2</i>	-0.002226987	0.042943531	0.948604856	1
T2DM	dendritic_cell	<i>BMPRI3</i>	-0.006038734	0.006836249	0.948604856	1
T2DM	dendritic_cell	<i>BTNL3</i>	-0.038967232	0.015791864	0.948604856	1
T2DM	dendritic_cell	<i>C20orf96</i>	-0.008411272	0.018282231	0.948604856	1
T2DM	dendritic_cell	<i>C2orf88</i>	-0.003428989	0.01020952	0.948604856	1
T2DM	dendritic_cell	<i>CARD10</i>	0.006952501	0.038019385	0.948604856	1
T2DM	dendritic_cell	<i>CCDC171</i>	-0.0030467	0.038537136	0.948604856	1
T2DM	dendritic_cell	<i>CCDC89</i>	-0.038962202	0.03860529	0.948604856	1
T2DM	dendritic_cell	<i>CDHR3</i>	-0.003367197	0.026724693	0.948604856	1
T2DM	dendritic_cell	<i>CDON</i>	-0.000921784	0.045881576	0.948604856	1
T2DM	dendritic_cell	<i>CENPO</i>	-0.005953321	0.017049961	0.948604856	1
T2DM	dendritic_cell	<i>CEP170</i>	-0.001468849	0.04680632	0.948604856	1
T2DM	dendritic_cell	<i>CFL2</i>	-0.006149254	0.023383788	0.948604856	1
T2DM	dendritic_cell	<i>CIAPIN1</i>	0.003296376	0.032535003	0.948604856	1
T2DM	dendritic_cell	<i>CLDN1</i>	-0.001879504	0.024732886	0.948604856	1

T2DM	dendritic_cell	<i>CLEC18A</i>	-0.031955214	0.002103149	0.948604856	1
T2DM	dendritic_cell	<i>CMPK1</i>	-0.002761543	0.006997004	0.948604856	1
T2DM	dendritic_cell	<i>CNGB3</i>	-0.005307415	0.022175346	0.948604856	1
T2DM	dendritic_cell	<i>COX11</i>	-0.003761664	0.017845147	0.948604856	1
T2DM	dendritic_cell	<i>CTNNAL1</i>	-0.003282348	0.030236964	0.948604856	1
T2DM	dendritic_cell	<i>CTSF</i>	-0.005551528	0.049624132	0.948604856	1
T2DM	dendritic_cell	<i>CTUI</i>	-0.007388668	0.035555426	0.948604856	1
T2DM	dendritic_cell	<i>CYP4Z1</i>	-0.017925649	0.036254037	0.948604856	1
T2DM	dendritic_cell	<i>DHFR</i>	-0.003897793	0.0480694	0.948604856	1
T2DM	dendritic_cell	<i>DNAJC30</i>	-0.008637409	0.03129878	0.948604856	1
T2DM	dendritic_cell	<i>DPH6-AS1</i>	-0.001675671	0.034569973	0.948604856	1
T2DM	dendritic_cell	<i>EFCAB6</i>	-0.004890098	0.009389926	0.948604856	1
T2DM	dendritic_cell	<i>EFEMP2</i>	-0.010229727	0.008013439	0.948604856	1
T2DM	dendritic_cell	<i>EFHB</i>	-0.005182618	0.035957408	0.948604856	1
T2DM	dendritic_cell	<i>EIF1AD</i>	-0.008660457	0.043115756	0.948604856	1
T2DM	dendritic_cell	<i>EIF3M</i>	-0.003740174	0.002777429	0.948604856	1
T2DM	dendritic_cell	<i>ELMO3</i>	-0.027198225	0.008601479	0.948604856	1
T2DM	dendritic_cell	<i>EMG1</i>	-0.004234212	0.024481206	0.948604856	1
T2DM	dendritic_cell	<i>ENPP1</i>	-0.00418635	0.043191205	0.948604856	1
T2DM	dendritic_cell	<i>EVA1B</i>	-0.007360139	0.045174053	0.948604856	1
T2DM	dendritic_cell	<i>EXOSC6</i>	-0.004582877	0.047698515	0.948604856	1
T2DM	dendritic_cell	<i>FAM228A</i>	-0.058530982	0.001648966	0.948604856	1
T2DM	dendritic_cell	<i>FAM3B</i>	-0.010172946	0.047368906	0.948604856	1
T2DM	dendritic_cell	<i>FAM96B</i>	-0.005861758	0.020831195	0.948604856	1
T2DM	dendritic_cell	<i>FLVCR1-AS1</i>	-0.00617023	0.020106988	0.948604856	1
T2DM	dendritic_cell	<i>FXYD7</i>	-0.01490391	0.027019009	0.948604856	1
T2DM	dendritic_cell	<i>GDNF-AS1</i>	-0.003538304	0.036308598	0.948604856	1
T2DM	dendritic_cell	<i>GOLM1</i>	-0.005352256	0.029525433	0.948604856	1
T2DM	dendritic_cell	<i>GPR156</i>	-0.008100677	0.04455111	0.948604856	1
T2DM	dendritic_cell	<i>GRIK2</i>	-0.005496058	0.040372561	0.948604856	1
T2DM	dendritic_cell	<i>GXYLT2</i>	-0.00284644	0.001380687	0.948604856	1
T2DM	dendritic_cell	<i>H3F3A</i>	-0.004492005	0.010212013	0.948604856	1
T2DM	dendritic_cell	<i>HMBS</i>	-0.012264493	0.036498468	0.948604856	1
T2DM	dendritic_cell	<i>HSD17B3</i>	-0.009616359	0.038227658	0.948604856	1
T2DM	dendritic_cell	<i>IFT74</i>	-0.001918754	0.047366038	0.948604856	1
T2DM	dendritic_cell	<i>IGFBP2</i>	-0.005454805	0.039378993	0.948604856	1
T2DM	dendritic_cell	<i>IGSF11</i>	-0.008735048	0.015604047	0.948604856	1
T2DM	dendritic_cell	<i>INTS1</i>	-0.008806764	0.030911149	0.948604856	1
T2DM	dendritic_cell	<i>KHDC1</i>	-0.004229303	0.03263087	0.948604856	1
T2DM	dendritic_cell	<i>KLKB1</i>	0.014154388	0.019736357	0.948604856	1
T2DM	dendritic_cell	<i>KNSTRN</i>	-0.008206892	0.014578692	0.948604856	1
T2DM	dendritic_cell	<i>LAMB1</i>	-0.001088151	0.035334671	0.948604856	1
T2DM	dendritic_cell	<i>LINC00487</i>	-0.068277496	0.023661299	0.948604856	1
T2DM	dendritic_cell	<i>LINC01133</i>	-0.002925928	0.025015035	0.948604856	1
T2DM	dendritic_cell	<i>LRRC27</i>	-0.007980813	0.006531303	0.948604856	1
T2DM	dendritic_cell	<i>LRRC36</i>	-0.01164514	0.041854896	0.948604856	1
T2DM	dendritic_cell	<i>LUZP2</i>	-0.015535984	0.034762443	0.948604856	1
T2DM	dendritic_cell	<i>MAFF</i>	-0.007433299	0.037918048	0.948604856	1
T2DM	dendritic_cell	<i>MAP1A</i>	-0.019927897	0.03359049	0.948604856	1
T2DM	dendritic_cell	<i>MAST2</i>	-0.002974288	0.012188175	0.948604856	1
T2DM	dendritic_cell	<i>MPHOSPH6</i>	-0.002330877	0.035483295	0.948604856	1
T2DM	dendritic_cell	<i>MROH7</i>	-0.027385119	0.034271083	0.948604856	1

T2DM	dendritic_cell	<i>MTF1</i>	-0.003306859	0.043271937	0.948604856	1
T2DM	dendritic_cell	<i>MTG2</i>	-0.003585677	0.04681217	0.948604856	1
T2DM	dendritic_cell	<i>MUL1</i>	-0.008172383	0.027036329	0.948604856	1
T2DM	dendritic_cell	<i>NALCN</i>	0.004196081	0.001327307	0.948604856	1
T2DM	dendritic_cell	<i>NARFL</i>	0.005615787	0.033504738	0.948604856	1
T2DM	dendritic_cell	<i>NCSI</i>	-0.009709391	0.040570666	0.948604856	1
T2DM	dendritic_cell	<i>NFYA</i>	-0.00582296	0.021996369	0.948604856	1
T2DM	dendritic_cell	<i>NT5DC2</i>	-0.011359039	0.045093937	0.948604856	1
T2DM	dendritic_cell	<i>OSR1</i>	-0.01284994	0.012668069	0.948604856	1
T2DM	dendritic_cell	<i>OTOF</i>	-0.060259659	0.001352958	0.948604856	1
T2DM	dendritic_cell	<i>P2RY12</i>	-0.002894298	0.022951755	0.948604856	1
T2DM	dendritic_cell	<i>PCDHB4</i>	-0.014186614	0.009137128	0.948604856	1
T2DM	dendritic_cell	<i>PDZD2</i>	-0.000989416	0.006721336	0.948604856	1
T2DM	dendritic_cell	<i>PES1</i>	-0.004198803	0.011323985	0.948604856	1
T2DM	dendritic_cell	<i>PIGZ</i>	-0.004609379	0.039192948	0.948604856	1
T2DM	dendritic_cell	<i>PIWIL2</i>	-0.013280517	0.005628696	0.948604856	1
T2DM	dendritic_cell	<i>PLA2R1</i>	-0.001402623	0.03950794	0.948604856	1
T2DM	dendritic_cell	<i>PLEKHH2</i>	-0.001104287	0.029503662	0.948604856	1
T2DM	dendritic_cell	<i>PLOD1</i>	-0.010749822	0.028564866	0.948604856	1
T2DM	dendritic_cell	<i>POLR3H</i>	-0.005051633	0.016185384	0.948604856	1
T2DM	dendritic_cell	<i>PRCD</i>	-0.008248992	0.043651235	0.948604856	1
T2DM	dendritic_cell	<i>PRDM15</i>	-0.004793159	0.048116778	0.948604856	1
T2DM	dendritic_cell	<i>PRDM8</i>	-0.009217222	0.04890614	0.948604856	1
T2DM	dendritic_cell	<i>PRSS21</i>	0.002981433	0.042832973	0.948604856	1
T2DM	dendritic_cell	<i>PTH1R</i>	-0.004275997	0.026719137	0.948604856	1
T2DM	dendritic_cell	<i>PTPN13</i>	-0.00141492	0.025166815	0.948604856	1
T2DM	dendritic_cell	<i>RAB43</i>	-0.08060809	0.020798716	0.948604856	1
T2DM	dendritic_cell	<i>RAD52</i>	-0.003650993	0.030335052	0.948604856	1
T2DM	dendritic_cell	<i>RASAL2-AS1</i>	-0.051771436	0.036532118	0.948604856	1
T2DM	dendritic_cell	<i>RBFOX1</i>	-0.001212706	0.022814715	0.948604856	1
T2DM	dendritic_cell	<i>RSG1</i>	-0.010901106	0.020507525	0.948604856	1
T2DM	dendritic_cell	<i>SAMD5</i>	-0.005824065	0.049944147	0.948604856	1
T2DM	dendritic_cell	<i>SH2D3A</i>	-0.005286452	0.040194406	0.948604856	1
T2DM	dendritic_cell	<i>SLC1A7</i>	-0.018640904	0.037349602	0.948604856	1
T2DM	dendritic_cell	<i>SLC25A32</i>	0.002633329	0.00651194	0.948604856	1
T2DM	dendritic_cell	<i>SLC25A34</i>	-0.012760087	0.045415296	0.948604856	1
T2DM	dendritic_cell	<i>SLC4A5</i>	-0.016632641	0.010905425	0.948604856	1
T2DM	dendritic_cell	<i>SLC6A3</i>	-0.040820999	0.013362711	0.948604856	1
T2DM	dendritic_cell	<i>ST7L</i>	-0.002071088	0.031552494	0.948604856	1
T2DM	dendritic_cell	<i>STAB2</i>	0.002046747	0.039565442	0.948604856	1
T2DM	dendritic_cell	<i>SULF1</i>	-0.001041161	0.027160727	0.948604856	1
T2DM	dendritic_cell	<i>SUPV3L1</i>	-0.003804491	0.030295237	0.948604856	1
T2DM	dendritic_cell	<i>TEX14</i>	-0.010856232	0.008470605	0.948604856	1
T2DM	dendritic_cell	<i>TMEM161A</i>	-0.004276469	0.045771814	0.948604856	1
T2DM	dendritic_cell	<i>TMEM80</i>	-0.00449197	0.043748124	0.948604856	1
T2DM	dendritic_cell	<i>TOPORS</i>	-0.006468807	0.026782733	0.948604856	1
T2DM	dendritic_cell	<i>TRMT10A</i>	-0.003548334	0.036932848	0.948604856	1
T2DM	dendritic_cell	<i>TSPO2</i>	-0.008524942	0.039893218	0.948604856	1
T2DM	dendritic_cell	<i>TYW1</i>	-0.002535428	0.023967903	0.948604856	1
T2DM	dendritic_cell	<i>UBXN2A</i>	-0.002259517	0.016904487	0.948604856	1
T2DM	dendritic_cell	<i>WDR35</i>	-0.003749914	0.040782624	0.948604856	1
T2DM	dendritic_cell	<i>WDR63</i>	-0.002959926	0.029252873	0.948604856	1

T2DM	dendritic_cell	<i>WFDC6</i>	-0.039585445	0.049609434	0.948604856	1
T2DM	dendritic_cell	<i>WT1</i>	-0.001385376	0.036139614	0.948604856	1
T2DM	dendritic_cell	<i>YTHDC2</i>	-0.00115677	0.031263287	0.948604856	1
T2DM	dendritic_cell	<i>ZNF229</i>	-0.050549891	0.009661985	0.948604856	1
T2DM	dendritic_cell	<i>ZNF667</i>	-0.012436319	0.035997226	0.948604856	1
T2DM	dendritic_cell	<i>SLC12A5</i>	0.038661154	0.005504193	0.948604856	1
T2DM	dendritic_cell	<i>PDE6H</i>	-0.080526381	0.045399752	0.948604856	1
T2DM	dendritic_cell	<i>SRXN1</i>	-0.007305059	0.017978245	0.948604856	1
T2DM	endometrium	<i>ABHD1</i>	-0.007991814	0.001760964	0.689570614	1
T2DM	endometrium	<i>AC016773.1</i>	-0.013914353	0.002863235	0.689570614	1
T2DM	endometrium	<i>AGER</i>	-0.009063059	0.047130392	0.689570614	1
T2DM	endometrium	<i>AK3</i>	-0.003196346	0.041860348	0.689570614	1
T2DM	endometrium	<i>AKR1E2</i>	-0.007040933	0.044852211	0.689570614	1
T2DM	endometrium	<i>ANKRD50</i>	-0.003258698	0.049258749	0.689570614	1
T2DM	endometrium	<i>ANXA8L1</i>	-0.002649707	0.022350281	0.689570614	1
T2DM	endometrium	<i>AP3M2</i>	-0.004922143	0.009560333	0.689570614	1
T2DM	endometrium	<i>ARHGAP28</i>	-0.002636988	0.023330257	0.689570614	1
T2DM	endometrium	<i>ARHGEF35</i>	-0.051422798	0.048042917	0.689570614	1
T2DM	endometrium	<i>ARNT2</i>	-0.002949204	0.049766835	0.689570614	1
T2DM	endometrium	<i>ATP7B</i>	-0.003992765	0.029033615	0.689570614	1
T2DM	endometrium	<i>ATRNL1</i>	-0.001978027	0.035611315	0.689570614	1
T2DM	endometrium	<i>BLOC1S2</i>	-0.004913297	0.030169356	0.689570614	1
T2DM	endometrium	<i>BMPR1B</i>	-0.004922263	0.028737519	0.689570614	1
T2DM	endometrium	<i>BROX</i>	-0.004368451	0.021636616	0.689570614	1
T2DM	endometrium	<i>BST1</i>	-0.004234141	0.026989468	0.689570614	1
T2DM	endometrium	<i>BTBD16</i>	-0.019853106	0.011077856	0.689570614	1
T2DM	endometrium	<i>BTNL3</i>	-0.041097364	0.010970123	0.689570614	1
T2DM	endometrium	<i>BTNL8</i>	-0.006938857	0.02914179	0.689570614	1
T2DM	endometrium	<i>C10orf88</i>	-0.006394805	0.047887013	0.689570614	1
T2DM	endometrium	<i>C15orf59</i>	-0.082958451	0.027465573	0.689570614	1
T2DM	endometrium	<i>C1QL3</i>	-0.017920726	0.049520712	0.689570614	1
T2DM	endometrium	<i>C1orf226</i>	-0.025969883	0.023669993	0.689570614	1
T2DM	endometrium	<i>C20orf203</i>	-0.037365902	0.013503409	0.689570614	1
T2DM	endometrium	<i>C20orf96</i>	-0.00908941	0.011854862	0.689570614	1
T2DM	endometrium	<i>C21orf2</i>	-0.01204164	0.043850203	0.689570614	1
T2DM	endometrium	<i>CADM2</i>	-0.001462618	0.026644733	0.689570614	1
T2DM	endometrium	<i>CAPN9</i>	-0.011135877	0.031277435	0.689570614	1
T2DM	endometrium	<i>CASP7</i>	-0.004323182	0.024720178	0.689570614	1
T2DM	endometrium	<i>CATSPERB</i>	0.003209895	0.012636605	0.689570614	1
T2DM	endometrium	<i>CCDC171</i>	-0.003229653	0.027998357	0.689570614	1
T2DM	endometrium	<i>CCDC57</i>	-0.00240115	0.032857273	0.689570614	1
T2DM	endometrium	<i>CENPP</i>	-0.002548383	0.004461675	0.689570614	1
T2DM	endometrium	<i>CENPU</i>	-0.014163887	0.03430771	0.689570614	1
T2DM	endometrium	<i>CILP2</i>	-0.043357507	0.046585062	0.689570614	1
T2DM	endometrium	<i>CLHC1</i>	-0.003933979	0.033947772	0.689570614	1
T2DM	endometrium	<i>CLUL1</i>	-0.036811422	0.034034826	0.689570614	1
T2DM	endometrium	<i>CNTNAP1</i>	-0.00970825	0.028218255	0.689570614	1
T2DM	endometrium	<i>COLCA1</i>	-0.013280131	0.047522919	0.689570614	1
T2DM	endometrium	<i>COX4I2</i>	-0.009649805	0.002662013	0.689570614	1
T2DM	endometrium	<i>CPLX1</i>	-0.008119967	0.035655016	0.689570614	1
T2DM	endometrium	<i>CPS1</i>	-0.010742794	0.014533794	0.689570614	1
T2DM	endometrium	<i>CTSF</i>	-0.006236182	0.027864955	0.689570614	1

T2DM	endometrium	<i>CYB5D2</i>	-0.003795547	0.04356936	0.689570614	1
T2DM	endometrium	<i>CYBRD1</i>	-0.001798508	0.007606279	0.689570614	1
T2DM	endometrium	<i>CYP2D6</i>	-0.042366023	0.01256062	0.689570614	1
T2DM	endometrium	<i>DARS2</i>	-0.004645374	0.030659372	0.689570614	1
T2DM	endometrium	<i>DCLK3</i>	-0.064002952	0.045299749	0.689570614	1
T2DM	endometrium	<i>DDIT4L</i>	-0.021868476	0.016697575	0.689570614	1
T2DM	endometrium	<i>DDX42</i>	-0.001733184	0.043590415	0.689570614	1
T2DM	endometrium	<i>DDX54</i>	-0.008188525	0.038614031	0.689570614	1
T2DM	endometrium	<i>DHX34</i>	-0.002710527	0.0195242	0.689570614	1
T2DM	endometrium	<i>DNAAF1</i>	-0.048320597	0.032344276	0.689570614	1
T2DM	endometrium	<i>DNASE2</i>	-0.008743909	0.02929175	0.689570614	1
T2DM	endometrium	<i>DPH6-AS1</i>	-0.001742234	0.028711709	0.689570614	1
T2DM	endometrium	<i>DPP9</i>	0.001955502	0.022387037	0.689570614	1
T2DM	endometrium	<i>DUOXA1</i>	-0.031162898	0.048038427	0.689570614	1
T2DM	endometrium	<i>DUSP23</i>	-0.008025157	0.041547684	0.689570614	1
T2DM	endometrium	<i>EML3</i>	-0.007433503	0.034308517	0.689570614	1
T2DM	endometrium	<i>ENDOD1</i>	0.006995081	0.016017442	0.689570614	1
T2DM	endometrium	<i>ENPP1</i>	-0.004549918	0.027119957	0.689570614	1
T2DM	endometrium	<i>EPHB6</i>	-0.005244801	0.037854558	0.689570614	1
T2DM	endometrium	<i>EPS8</i>	-0.000897445	0.016453854	0.689570614	1
T2DM	endometrium	<i>ERCC5</i>	-0.009351933	0.011595226	0.689570614	1
T2DM	endometrium	<i>ESRRB</i>	-0.017993809	0.007893167	0.689570614	1
T2DM	endometrium	<i>FAM153B</i>	-0.003206899	0.027027768	0.689570614	1
T2DM	endometrium	<i>FAM181B</i>	-0.035877683	0.01548625	0.689570614	1
T2DM	endometrium	<i>FAM228A</i>	-0.037569317	0.044038355	0.689570614	1
T2DM	endometrium	<i>FAM32A</i>	-0.010805596	0.034648941	0.689570614	1
T2DM	endometrium	<i>FGFR3</i>	-0.016624429	0.042552472	0.689570614	1
T2DM	endometrium	<i>FLT4</i>	0.002760677	0.045809028	0.689570614	1
T2DM	endometrium	<i>GLI4</i>	-0.008030074	0.042905334	0.689570614	1
T2DM	endometrium	<i>GOLGA8H</i>	-0.012457229	0.049735846	0.689570614	1
T2DM	endometrium	<i>GOLGA8K</i>	-0.052144732	0.044984119	0.689570614	1
T2DM	endometrium	<i>GOLGA8R</i>	-0.049898518	0.041042153	0.689570614	1
T2DM	endometrium	<i>GOLM1</i>	-0.004990254	0.042846022	0.689570614	1
T2DM	endometrium	<i>GPATCH1</i>	-0.006004692	0.040854502	0.689570614	1
T2DM	endometrium	<i>GRIK2</i>	-0.006470515	0.016211354	0.689570614	1
T2DM	endometrium	<i>GRTPI</i>	-0.004916226	0.048690076	0.689570614	1
T2DM	endometrium	<i>GSTM3</i>	-0.00777831	0.011444143	0.689570614	1
T2DM	endometrium	<i>GXYLT2</i>	-0.001985255	0.026166775	0.689570614	1
T2DM	endometrium	<i>HAUS1</i>	-0.010113758	0.016056325	0.689570614	1
T2DM	endometrium	<i>HMOX2</i>	-0.00264027	0.026960762	0.689570614	1
T2DM	endometrium	<i>HOXD10</i>	-0.004034866	0.033761991	0.689570614	1
T2DM	endometrium	<i>HRCT1</i>	-0.025017371	0.02186042	0.689570614	1
T2DM	endometrium	<i>HSPB7</i>	-0.016701585	0.049208798	0.689570614	1
T2DM	endometrium	<i>HTR1F</i>	-0.022766317	0.036414532	0.689570614	1
T2DM	endometrium	<i>IFIT1B</i>	0.031118676	0.0310718	0.689570614	1
T2DM	endometrium	<i>IFRD1</i>	-0.002284709	0.044570777	0.689570614	1
T2DM	endometrium	<i>IGSF11</i>	-0.008559807	0.018199877	0.689570614	1
T2DM	endometrium	<i>INMT</i>	-0.008829768	0.020303351	0.689570614	1
T2DM	endometrium	<i>IQSEC3</i>	-0.015087302	0.020803263	0.689570614	1
T2DM	endometrium	<i>ISY1</i>	-0.008213442	0.043484501	0.689570614	1
T2DM	endometrium	<i>KHK</i>	-0.023917998	0.009145198	0.689570614	1
T2DM	endometrium	<i>KLK10</i>	-0.008627051	0.016288737	0.689570614	1

T2DM	endometrium	<i>KLK5</i>	-0.016897871	0.04086017	0.689570614	1
T2DM	endometrium	<i>LAMB1</i>	-0.001082133	0.037701417	0.689570614	1
T2DM	endometrium	<i>LARS</i>	-0.001565014	0.022196164	0.689570614	1
T2DM	endometrium	<i>LINC00211</i>	-0.008306653	0.045660632	0.689570614	1
T2DM	endometrium	<i>LINC00663</i>	-0.009007171	0.028939566	0.689570614	1
T2DM	endometrium	<i>LINC00942</i>	-0.020288071	0.04751684	0.689570614	1
T2DM	endometrium	<i>LINC01133</i>	-0.003095552	0.018519101	0.689570614	1
T2DM	endometrium	<i>LNPI</i>	-0.01117812	0.022953504	0.689570614	1
T2DM	endometrium	<i>LRRC36</i>	-0.012569347	0.030029459	0.689570614	1
T2DM	endometrium	<i>LRRC56</i>	-0.04033329	0.048254532	0.689570614	1
T2DM	endometrium	<i>MAK16</i>	0.006668521	0.023762657	0.689570614	1
T2DM	endometrium	<i>MCM10</i>	-0.029190119	0.029634937	0.689570614	1
T2DM	endometrium	<i>MEAF6</i>	-0.004887178	0.017893391	0.689570614	1
T2DM	endometrium	<i>MED20</i>	-0.009926119	0.048562203	0.689570614	1
T2DM	endometrium	<i>MET</i>	-0.002236272	0.033804927	0.689570614	1
T2DM	endometrium	<i>MMP11</i>	-0.006255232	0.03548799	0.689570614	1
T2DM	endometrium	<i>MRII</i>	-0.004927944	0.048112431	0.689570614	1
T2DM	endometrium	<i>MRPS26</i>	-0.005196136	0.036089788	0.689570614	1
T2DM	endometrium	<i>MSI1</i>	-0.034372175	0.022693117	0.689570614	1
T2DM	endometrium	<i>MYO19</i>	-0.002829163	0.032950331	0.689570614	1
T2DM	endometrium	<i>MYOF</i>	-0.001298279	0.021451208	0.689570614	1
T2DM	endometrium	<i>NALCN</i>	0.003401131	0.008579352	0.689570614	1
T2DM	endometrium	<i>NCKAP1</i>	-0.001938096	0.015555228	0.689570614	1
T2DM	endometrium	<i>NCKIPSD</i>	-0.005994787	0.027240594	0.689570614	1
T2DM	endometrium	<i>NCLN</i>	-0.006083852	0.04108548	0.689570614	1
T2DM	endometrium	<i>NDUFS4</i>	-0.002686279	0.036011725	0.689570614	1
T2DM	endometrium	<i>NUDT8</i>	-0.012015771	0.040759527	0.689570614	1
T2DM	endometrium	<i>OLFM2</i>	-0.008435178	0.016292561	0.689570614	1
T2DM	endometrium	<i>OSER1</i>	-0.004736568	0.047181542	0.689570614	1
T2DM	endometrium	<i>OTUD3</i>	-0.008107776	0.026500834	0.689570614	1
T2DM	endometrium	<i>P4HTM</i>	-0.004549438	0.034345204	0.689570614	1
T2DM	endometrium	<i>PAAF1</i>	-0.003320272	0.029503683	0.689570614	1
T2DM	endometrium	<i>PABPC1L</i>	-0.006628377	0.013423013	0.689570614	1
T2DM	endometrium	<i>PCDHA7</i>	-0.092932154	0.047481457	0.689570614	1
T2DM	endometrium	<i>PCDHB2</i>	-0.033496921	0.028578748	0.689570614	1
T2DM	endometrium	<i>PCDHGB2</i>	-0.062914686	0.02703071	0.689570614	1
T2DM	endometrium	<i>PCDHGB6</i>	-0.017323032	0.048795903	0.689570614	1
T2DM	endometrium	<i>PDIA4</i>	-0.004058473	0.014802882	0.689570614	1
T2DM	endometrium	<i>PDZD2</i>	-0.000798706	0.028487963	0.689570614	1
T2DM	endometrium	<i>PFDN1</i>	-0.001981848	0.039807116	0.689570614	1
T2DM	endometrium	<i>PHACTR1</i>	-0.001216123	0.044414208	0.689570614	1
T2DM	endometrium	<i>PIGZ</i>	-0.004522482	0.043306992	0.689570614	1
T2DM	endometrium	<i>PLEKHH2</i>	-0.001094423	0.030369671	0.689570614	1
T2DM	endometrium	<i>PLOD1</i>	-0.012783469	0.008951656	0.689570614	1
T2DM	endometrium	<i>POU6F2</i>	-0.005009824	0.047546668	0.689570614	1
T2DM	endometrium	<i>PPP4R4</i>	-0.020366951	0.026870326	0.689570614	1
T2DM	endometrium	<i>PSMD2</i>	0.005707404	0.021430786	0.689570614	1
T2DM	endometrium	<i>PSORS1C1</i>	-0.010601051	0.016914754	0.689570614	1
T2DM	endometrium	<i>PSORS1C2</i>	-0.062499998	0.047409004	0.689570614	1
T2DM	endometrium	<i>PTH1R</i>	-0.003945878	0.0397966	0.689570614	1
T2DM	endometrium	<i>PTPN13</i>	-0.001418531	0.025585003	0.689570614	1
T2DM	endometrium	<i>PYROXD2</i>	-0.004481401	0.033278593	0.689570614	1

T2DM	endometrium	<i>RAB43</i>	0.0793918	0.026792051	0.689570614	1
T2DM	endometrium	<i>RASAL2-AS1</i>	-0.060939049	0.014177848	0.689570614	1
T2DM	endometrium	<i>RASEF</i>	-0.026009599	0.02123184	0.689570614	1
T2DM	endometrium	<i>RBFOX1</i>	-0.001093392	0.042488649	0.689570614	1
T2DM	endometrium	<i>REEP2</i>	-0.01371841	0.03566292	0.689570614	1
T2DM	endometrium	<i>RHOB</i>	-0.009150905	0.003466778	0.689570614	1
T2DM	endometrium	<i>RMI2</i>	-0.009008886	0.032554631	0.689570614	1
T2DM	endometrium	<i>RNF14</i>	-0.003431984	0.038846846	0.689570614	1
T2DM	endometrium	<i>RPL7L1</i>	-0.004461185	0.036628139	0.689570614	1
T2DM	endometrium	<i>SAMD5</i>	-0.007029438	0.018867874	0.689570614	1
T2DM	endometrium	<i>SC5D</i>	-0.005779638	0.035246553	0.689570614	1
T2DM	endometrium	<i>SCARB1</i>	-0.002619992	0.02038693	0.689570614	1
T2DM	endometrium	<i>SCUBE2</i>	-0.009268869	0.046109712	0.689570614	1
T2DM	endometrium	<i>SECTM1</i>	-0.005901972	0.037485278	0.689570614	1
T2DM	endometrium	<i>SERF1B</i>	-0.079900186	0.012212274	0.689570614	1
T2DM	endometrium	<i>SEZ6L2</i>	-0.006921127	0.035581214	0.689570614	1
T2DM	endometrium	<i>SGCZ</i>	-0.00516058	0.015104263	0.689570614	1
T2DM	endometrium	<i>SH2D4B</i>	-0.048101194	0.031644857	0.689570614	1
T2DM	endometrium	<i>SH3BGR</i>	-0.008529852	0.039534104	0.689570614	1
T2DM	endometrium	<i>SH3TC2</i>	-0.015030419	0.009228062	0.689570614	1
T2DM	endometrium	<i>SKIV2L</i>	-0.012194842	0.006056928	0.689570614	1
T2DM	endometrium	<i>SLC25A51</i>	-0.022362102	0.03340216	0.689570614	1
T2DM	endometrium	<i>SLC41A2</i>	-0.002355349	0.048494476	0.689570614	1
T2DM	endometrium	<i>SLFN11</i>	-0.002969455	0.013535345	0.689570614	1
T2DM	endometrium	<i>SMARCE1</i>	-0.003291188	0.038262945	0.689570614	1
T2DM	endometrium	<i>SMG9</i>	-0.003948046	0.017425597	0.689570614	1
T2DM	endometrium	<i>SNHG18</i>	-0.008432111	0.011904742	0.689570614	1
T2DM	endometrium	<i>SNX31</i>	-0.01247304	0.045214049	0.689570614	1
T2DM	endometrium	<i>SNX32</i>	-0.010009002	0.008094769	0.689570614	1
T2DM	endometrium	<i>SOAT2</i>	-0.00401923	0.031816889	0.689570614	1
T2DM	endometrium	<i>SORCS2</i>	-0.006348539	0.040620172	0.689570614	1
T2DM	endometrium	<i>SOWAHC</i>	-0.028751315	0.045371839	0.689570614	1
T2DM	endometrium	<i>SPAG1</i>	-0.003226823	0.035949031	0.689570614	1
T2DM	endometrium	<i>SPIRE2</i>	-0.007513741	0.014883371	0.689570614	1
T2DM	endometrium	<i>SRA1</i>	-0.003239351	0.046900255	0.689570614	1
T2DM	endometrium	<i>STON1</i>	-0.006538436	0.020114572	0.689570614	1
T2DM	endometrium	<i>STON1-GTF2A1L</i>	-0.009009733	0.031411157	0.689570614	1
T2DM	endometrium	<i>STX2</i>	-0.002444493	0.041934852	0.689570614	1
T2DM	endometrium	<i>SULF1</i>	-0.00105918	0.02568754	0.689570614	1
T2DM	endometrium	<i>TACC3</i>	-0.007065843	0.014814105	0.689570614	1
T2DM	endometrium	<i>TBC1D4</i>	0.001719277	0.019535208	0.689570614	1
T2DM	endometrium	<i>TBCD</i>	0.002827244	0.046430233	0.689570614	1
T2DM	endometrium	<i>TBX6</i>	-0.008609721	0.04310579	0.689570614	1
T2DM	endometrium	<i>TCTEX1D2</i>	-0.016090041	0.00254816	0.689570614	1
T2DM	endometrium	<i>TDRD5</i>	-0.036851251	0.033083435	0.689570614	1
T2DM	endometrium	<i>TDRKH</i>	-0.019663756	0.00108082	0.689570614	1
T2DM	endometrium	<i>TECTA</i>	-0.022536756	0.038750204	0.689570614	1
T2DM	endometrium	<i>TMC5</i>	-0.008933757	0.012805349	0.689570614	1
T2DM	endometrium	<i>TMED6</i>	-0.05629747	0.010255182	0.689570614	1
T2DM	endometrium	<i>TMEM129</i>	-0.006446342	0.01032258	0.689570614	1
T2DM	endometrium	<i>TMEM41B</i>	-0.003129426	0.034743901	0.689570614	1
T2DM	endometrium	<i>TMEM45A</i>	-0.003670799	0.032112436	0.689570614	1

T2DM	endometrium	<i>TMEM8B</i>	-0.004800317	0.016179077	0.689570614	1
T2DM	endometrium	<i>TREML4</i>	-0.00408806	0.029775072	0.689570614	1
T2DM	endometrium	<i>TRMT61A</i>	-0.007480376	0.035092455	0.689570614	1
T2DM	endometrium	<i>TSFM</i>	-0.008376951	0.041620979	0.689570614	1
T2DM	endometrium	<i>TSPAN33</i>	-0.004589067	0.006418779	0.689570614	1
T2DM	endometrium	<i>TSPYL1</i>	-0.008540397	0.01442539	0.689570614	1
T2DM	endometrium	<i>TSPYL5</i>	-0.008407711	0.018581645	0.689570614	1
T2DM	endometrium	<i>TTC23</i>	-0.004089555	0.035263948	0.689570614	1
T2DM	endometrium	<i>UBE2E3</i>	-0.002943958	0.024115174	0.689570614	1
T2DM	endometrium	<i>UBXN2A</i>	-0.002422759	0.010216887	0.689570614	1
T2DM	endometrium	<i>UROD</i>	-0.007047975	0.031870222	0.689570614	1
T2DM	endometrium	<i>WDR66</i>	-0.008815025	0.047332737	0.689570614	1
T2DM	endometrium	<i>WFDC3</i>	-0.011699847	0.017643486	0.689570614	1
T2DM	endometrium	<i>WFDC6</i>	-0.045311249	0.024974559	0.689570614	1
T2DM	endometrium	<i>WRB</i>	-0.005737628	0.009981521	0.689570614	1
T2DM	endometrium	<i>WT1</i>	-0.001345649	0.042821294	0.689570614	1
T2DM	endometrium	<i>ZFAND2A</i>	-0.004944697	0.031214673	0.689570614	1
T2DM	endometrium	<i>ZFP30</i>	-0.003772229	0.04244627	0.689570614	1
T2DM	endometrium	<i>ZKSCAN2</i>	-0.026828202	0.018194642	0.689570614	1
T2DM	endometrium	<i>ZNF124</i>	-0.003239853	0.032605359	0.689570614	1
T2DM	endometrium	<i>ZNF195</i>	-0.00435925	0.015363654	0.689570614	1
T2DM	endometrium	<i>ZNF200</i>	-0.015661021	0.033941978	0.689570614	1
T2DM	endometrium	<i>ZNF229</i>	-0.058923672	0.003065902	0.689570614	1
T2DM	endometrium	<i>ZNF266</i>	-0.004226616	0.002092075	0.689570614	1
T2DM	endometrium	<i>ZNF415</i>	-0.013936637	0.017570094	0.689570614	1
T2DM	endometrium	<i>ZNF470</i>	-0.008893002	0.042265619	0.689570614	1
T2DM	endometrium	<i>ZNF483</i>	-0.003643106	0.045735765	0.689570614	1
T2DM	endometrium	<i>ZNF517</i>	-0.015614781	0.039183637	0.689570614	1
T2DM	endometrium	<i>ZNF519</i>	-0.00337226	0.035446179	0.689570614	1
T2DM	endometrium	<i>ZNF560</i>	-0.017972543	0.021794675	0.689570614	1
T2DM	endometrium	<i>ZNF596</i>	-0.005009328	0.04170339	0.689570614	1
T2DM	endometrium	<i>ZNF607</i>	-0.028751348	0.006275535	0.689570614	1
T2DM	endometrium	<i>ZNF621</i>	-0.00562324	0.025457707	0.689570614	1
T2DM	endometrium	<i>ZNF71</i>	-0.009692292	0.049188111	0.689570614	1
T2DM	endometrium	<i>ZNF738</i>	-0.004192695	0.033271588	0.689570614	1
T2DM	endometrium	<i>ZNF846</i>	0.001553832	0.013490269	0.689570614	1
T2DM	endometrium	<i>ZNF98</i>	-0.004734012	0.024290486	0.689570614	1
T2DM	endometrium	<i>ZSCAN31</i>	-0.00483027	0.042940682	0.689570614	1
T2DM	endometrium	<i>LINC00668</i>	-0.004015773	0.025819685	0.689570614	1
T2DM	endometrium	<i>NPTX2</i>	-0.003952956	0.032044186	0.689570614	1
T2DM	endometrium	<i>ARTN</i>	-0.004895593	0.038606898	0.689570614	1
T2DM	endometrium	<i>AC135178.1</i>	-0.051093703	0.045791053	0.689570614	1
T2DM	endometrium	<i>ADAD2</i>	-0.048231706	0.018710349	0.689570614	1
T2DM	endometrium	<i>SOHLH2</i>	-0.004058579	0.020156411	0.689570614	1
T2DM	endometrium	<i>P2RX2</i>	-0.059326868	0.024499121	0.689570614	1
T2DM	endometrium	<i>PDE6H</i>	-0.092773765	0.021940127	0.689570614	1
T2DM	endothelial	<i>AC004466.1</i>	-0.055784451	0.008652572	0.667859589	1
T2DM	endothelial	<i>AC108463.2</i>	-0.015256275	0.013728074	0.667859589	1
T2DM	endothelial	<i>AC122129.1</i>	-0.020178646	0.007022299	0.667859589	1
T2DM	endothelial	<i>ACP6</i>	-0.004812085	0.0302821	0.667859589	1
T2DM	endothelial	<i>ACSM1</i>	-0.009857742	0.013698433	0.667859589	1
T2DM	endothelial	<i>ACSS3</i>	-0.001814613	0.012128578	0.667859589	1

T2DM	endothelial	<i>ADAM32</i>	-0.004983847	0.029115796	0.667859589	1
T2DM	endothelial	<i>ADAMTS13</i>	-0.011816525	0.0125353	0.667859589	1
T2DM	endothelial	<i>ADCK1</i>	0.003800281	0.0168154	0.667859589	1
T2DM	endothelial	<i>AGRN</i>	-0.006011859	0.008355292	0.667859589	1
T2DM	endothelial	<i>AKRIE2</i>	-0.00744167	0.033545216	0.667859589	1
T2DM	endothelial	<i>AL021068.1</i>	-0.058286955	0.010799359	0.667859589	1
T2DM	endothelial	<i>ALGIL2</i>	-0.005841299	0.036061153	0.667859589	1
T2DM	endothelial	<i>ALYREF</i>	-0.028218694	0.0234613	0.667859589	1
T2DM	endothelial	<i>AMACR</i>	-0.037803496	0.018351192	0.667859589	1
T2DM	endothelial	<i>ANAPC11</i>	0.002744179	0.041827218	0.667859589	1
T2DM	endothelial	<i>ANAPC4</i>	-0.003921614	0.04493983	0.667859589	1
T2DM	endothelial	<i>APIM2</i>	-0.035435325	0.024530403	0.667859589	1
T2DM	endothelial	<i>AP2S1</i>	-0.002429261	0.031571577	0.667859589	1
T2DM	endothelial	<i>ARHGEF25</i>	-0.008391222	0.045784343	0.667859589	1
T2DM	endothelial	<i>ARHGEF35</i>	-0.053919829	0.037835724	0.667859589	1
T2DM	endothelial	<i>ARL17B</i>	-0.003033805	0.041530658	0.667859589	1
T2DM	endothelial	<i>ARNT</i>	-0.0025629	0.032441721	0.667859589	1
T2DM	endothelial	<i>ARNT2</i>	-0.003384059	0.023826571	0.667859589	1
T2DM	endothelial	<i>ATG13</i>	-0.002898058	0.041228502	0.667859589	1
T2DM	endothelial	<i>ATP6V0D2</i>	-0.014446985	0.046508407	0.667859589	1
T2DM	endothelial	<i>ATRIP</i>	-0.016154887	0.022347707	0.667859589	1
T2DM	endothelial	<i>ATRNL1</i>	-0.002126827	0.023646488	0.667859589	1
T2DM	endothelial	<i>BAK1</i>	-0.015329734	0.032735524	0.667859589	1
T2DM	endothelial	<i>BDH2</i>	-0.004307441	0.029435946	0.667859589	1
T2DM	endothelial	<i>BMPRI1B</i>	-0.004418549	0.048205842	0.667859589	1
T2DM	endothelial	<i>BROX</i>	0.003950401	0.037658326	0.667859589	1
T2DM	endothelial	<i>BTNL3</i>	-0.042029737	0.009298793	0.667859589	1
T2DM	endothelial	<i>C10orf107</i>	-0.007446444	0.008185045	0.667859589	1
T2DM	endothelial	<i>C11orf80</i>	-0.002391388	0.049281721	0.667859589	1
T2DM	endothelial	<i>C19orf48</i>	-0.01012146	0.008075767	0.667859589	1
T2DM	endothelial	<i>C1orf226</i>	-0.02588516	0.023240178	0.667859589	1
T2DM	endothelial	<i>CALML6</i>	-0.081412206	0.003852143	0.667859589	1
T2DM	endothelial	<i>CAMK2N1</i>	-0.026174001	0.001224129	0.667859589	1
T2DM	endothelial	<i>CAPN5</i>	-0.00921155	0.046791512	0.667859589	1
T2DM	endothelial	<i>CAPS2</i>	-0.003301948	0.026498156	0.667859589	1
T2DM	endothelial	<i>CASCI</i>	-0.012510982	0.023800147	0.667859589	1
T2DM	endothelial	<i>CASC20</i>	-0.009413644	0.028624	0.667859589	1
T2DM	endothelial	<i>CBLN3</i>	-0.015884715	0.011474625	0.667859589	1
T2DM	endothelial	<i>CCDC171</i>	-0.003019122	0.040426527	0.667859589	1
T2DM	endothelial	<i>CCDC181</i>	-0.012713517	0.049421772	0.667859589	1
T2DM	endothelial	<i>CDC16</i>	-0.002947399	0.001436748	0.667859589	1
T2DM	endothelial	<i>CDC42EP5</i>	-0.010302254	0.01278981	0.667859589	1
T2DM	endothelial	<i>CDCA3</i>	-0.015936198	0.039649604	0.667859589	1
T2DM	endothelial	<i>CERI</i>	-0.010841897	0.036452948	0.667859589	1
T2DM	endothelial	<i>CHURC1</i>	-0.002433006	0.039829407	0.667859589	1
T2DM	endothelial	<i>CLDN9</i>	-0.003422004	0.035841934	0.667859589	1
T2DM	endothelial	<i>COL27A1</i>	-0.003873518	0.045355434	0.667859589	1
T2DM	endothelial	<i>COX11</i>	-0.003257339	0.040480865	0.667859589	1
T2DM	endothelial	<i>COX15</i>	-0.003157833	0.02113163	0.667859589	1
T2DM	endothelial	<i>CPSF4L</i>	-0.04972162	0.016905244	0.667859589	1
T2DM	endothelial	<i>CTNNAL1</i>	-0.003013695	0.046624234	0.667859589	1
T2DM	endothelial	<i>CYB5R2</i>	-0.026205453	0.014685268	0.667859589	1

T2DM	endothelial	<i>CYP2D6</i>	-0.037839874	0.024818115	0.667859589	1
T2DM	endothelial	<i>CYP4F11</i>	-0.003388625	0.040089497	0.667859589	1
T2DM	endothelial	<i>CYP4Z1</i>	-0.019322596	0.023526415	0.667859589	1
T2DM	endothelial	<i>DEFB124</i>	-0.01262608	0.040165331	0.667859589	1
T2DM	endothelial	<i>DHX34</i>	-0.003030286	0.008623925	0.667859589	1
T2DM	endothelial	<i>DHX58</i>	-0.008325395	0.048335818	0.667859589	1
T2DM	endothelial	<i>DISP2</i>	-0.018554989	0.014926139	0.667859589	1
T2DM	endothelial	<i>DMKN</i>	-0.00417624	0.019040622	0.667859589	1
T2DM	endothelial	<i>DNAAF3</i>	-0.036728045	0.047650207	0.667859589	1
T2DM	endothelial	<i>DNASE2</i>	-0.011552989	0.003942004	0.667859589	1
T2DM	endothelial	<i>DNMT1</i>	-0.002748815	0.038830436	0.667859589	1
T2DM	endothelial	<i>DPH6-AS1</i>	-0.001635514	0.039144676	0.667859589	1
T2DM	endothelial	<i>DSCAML1</i>	-0.003224504	0.005732101	0.667859589	1
T2DM	endothelial	<i>DUOXA1</i>	-0.033143989	0.035135467	0.667859589	1
T2DM	endothelial	<i>DYNC2LI1</i>	-0.002155401	0.033024734	0.667859589	1
T2DM	endothelial	<i>DZIP1L</i>	-0.004423808	0.047861201	0.667859589	1
T2DM	endothelial	<i>EFEMP2</i>	-0.008456218	0.028924023	0.667859589	1
T2DM	endothelial	<i>ENPP1</i>	-0.004739275	0.022150391	0.667859589	1
T2DM	endothelial	<i>EPHA1</i>	-0.015705014	0.0457825	0.667859589	1
T2DM	endothelial	<i>EPHB6</i>	-0.005223911	0.037238943	0.667859589	1
T2DM	endothelial	<i>EPS8</i>	-0.000856558	0.022913091	0.667859589	1
T2DM	endothelial	<i>ERMP1</i>	-0.003197044	0.046203526	0.667859589	1
T2DM	endothelial	<i>FAM225B</i>	-0.072709409	0.041130195	0.667859589	1
T2DM	endothelial	<i>FBXO10</i>	-0.043786711	0.019372676	0.667859589	1
T2DM	endothelial	<i>FBXO27</i>	-0.009889921	0.032359495	0.667859589	1
T2DM	endothelial	<i>FBXO36</i>	-0.005056907	0.015903773	0.667859589	1
T2DM	endothelial	<i>FIGNL1</i>	-0.00896411	0.040755604	0.667859589	1
T2DM	endothelial	<i>FITM1</i>	-0.036424637	0.043356028	0.667859589	1
T2DM	endothelial	<i>FLT4</i>	0.002886847	0.039180737	0.667859589	1
T2DM	endothelial	<i>FRMD1</i>	-0.01912257	0.024722053	0.667859589	1
T2DM	endothelial	<i>FTCD</i>	-0.032809676	0.046078675	0.667859589	1
T2DM	endothelial	<i>GALNT8</i>	-0.018752804	0.024674686	0.667859589	1
T2DM	endothelial	<i>GGH</i>	-0.014627859	0.017501428	0.667859589	1
T2DM	endothelial	<i>GLB1L</i>	-0.007680911	0.023916218	0.667859589	1
T2DM	endothelial	<i>GNB3</i>	-0.013214652	0.008310949	0.667859589	1
T2DM	endothelial	<i>GOLGA6L10</i>	-0.028560482	0.030431203	0.667859589	1
T2DM	endothelial	<i>GOLGA6L4</i>	-0.017840818	0.048557613	0.667859589	1
T2DM	endothelial	<i>GOLM1</i>	-0.006114647	0.012957474	0.667859589	1
T2DM	endothelial	<i>GPR156</i>	-0.008595413	0.032829673	0.667859589	1
T2DM	endothelial	<i>GPR35</i>	-0.032352601	0.046746256	0.667859589	1
T2DM	endothelial	<i>GRAMD1A</i>	-0.002684849	0.047475467	0.667859589	1
T2DM	endothelial	<i>GRHPR</i>	-0.005793936	0.003083033	0.667859589	1
T2DM	endothelial	<i>GXYLT2</i>	-0.002152722	0.01556625	0.667859589	1
T2DM	endothelial	<i>HBA1</i>	-0.010916797	0.042133444	0.667859589	1
T2DM	endothelial	<i>HCG27</i>	-0.005945609	0.037064566	0.667859589	1
T2DM	endothelial	<i>HHIPL1</i>	-0.008033276	0.046048057	0.667859589	1
T2DM	endothelial	<i>HINFP</i>	-0.006141784	0.035740403	0.667859589	1
T2DM	endothelial	<i>HLF</i>	-0.006473995	0.03061916	0.667859589	1
T2DM	endothelial	<i>HOXD10</i>	-0.004776634	0.012346378	0.667859589	1
T2DM	endothelial	<i>HOXD4</i>	-0.06572171	0.012883574	0.667859589	1
T2DM	endothelial	<i>HOXD8</i>	-0.013107585	0.018468569	0.667859589	1
T2DM	endothelial	<i>HOXD9</i>	-0.011791639	0.019771903	0.667859589	1

T2DM	endothelial	<i>HTR1F</i>	-0.029788688	0.006132031	0.667859589	1
T2DM	endothelial	<i>HUNK</i>	-0.012594416	0.042837247	0.667859589	1
T2DM	endothelial	<i>IFIT5</i>	-0.0085028	0.035837241	0.667859589	1
T2DM	endothelial	<i>IFT80</i>	-0.002641331	0.01085667	0.667859589	1
T2DM	endothelial	<i>IGFBP2</i>	-0.00668074	0.011595166	0.667859589	1
T2DM	endothelial	<i>IL17RB</i>	-0.010270661	0.033449552	0.667859589	1
T2DM	endothelial	<i>IL17RC</i>	-0.012173441	0.024555883	0.667859589	1
T2DM	endothelial	<i>INMT</i>	-0.008106118	0.032695648	0.667859589	1
T2DM	endothelial	<i>IQSEC3</i>	-0.015460948	0.017692662	0.667859589	1
T2DM	endothelial	<i>IRF9</i>	-0.004153394	0.016437527	0.667859589	1
T2DM	endothelial	<i>JAM3</i>	-0.004027331	0.033340709	0.667859589	1
T2DM	endothelial	<i>KCNN3</i>	0.003704982	0.024412295	0.667859589	1
T2DM	endothelial	<i>LAMC2</i>	-0.010505181	0.013789452	0.667859589	1
T2DM	endothelial	<i>LIN52</i>	-0.002501661	0.043653193	0.667859589	1
T2DM	endothelial	<i>LIN7B</i>	-0.006786924	0.010036701	0.667859589	1
T2DM	endothelial	<i>LINC00092</i>	-0.019646256	0.012090887	0.667859589	1
T2DM	endothelial	<i>LINC00314</i>	-0.031415028	0.030562783	0.667859589	1
T2DM	endothelial	<i>LINC00487</i>	-0.068887869	0.022099373	0.667859589	1
T2DM	endothelial	<i>LINC00571</i>	-0.008484974	0.022290552	0.667859589	1
T2DM	endothelial	<i>LINC00592</i>	-0.05542218	0.045188796	0.667859589	1
T2DM	endothelial	<i>LINC00941</i>	-0.050766458	0.036793526	0.667859589	1
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T2DM	endothelial	<i>LINC01119</i>	-0.021393463	0.002419912	0.667859589	1
T2DM	endothelial	<i>LINC01133</i>	-0.00304542	0.019739701	0.667859589	1
T2DM	endothelial	<i>LIP1</i>	-0.007026638	0.019084352	0.667859589	1
T2DM	endothelial	<i>LPAR2</i>	-0.007513708	0.044303641	0.667859589	1
T2DM	endothelial	<i>LY6G5C</i>	-0.043854607	0.028832831	0.667859589	1
T2DM	endothelial	<i>LYPD5</i>	-0.020760126	0.02133023	0.667859589	1
T2DM	endothelial	<i>MASTL</i>	-0.005411975	0.012762406	0.667859589	1
T2DM	endothelial	<i>MATN3</i>	-0.040348031	0.009510947	0.667859589	1
T2DM	endothelial	<i>MCM6</i>	-0.006289599	0.030490087	0.667859589	1
T2DM	endothelial	<i>MFAP2</i>	-0.075871634	0.009071154	0.667859589	1
T2DM	endothelial	<i>MGAT5B</i>	-0.026401637	0.019337737	0.667859589	1
T2DM	endothelial	<i>MIPEP</i>	-0.006511126	0.004782601	0.667859589	1
T2DM	endothelial	<i>MMP11</i>	-0.007000067	0.018963491	0.667859589	1
T2DM	endothelial	<i>MORN1</i>	-0.007221956	0.028195784	0.667859589	1
T2DM	endothelial	<i>MORN4</i>	-0.007438326	0.031897168	0.667859589	1
T2DM	endothelial	<i>MRPL36</i>	-0.008199647	0.017432606	0.667859589	1
T2DM	endothelial	<i>MYL5</i>	-0.011648702	0.03775747	0.667859589	1
T2DM	endothelial	<i>NDUFS4</i>	-0.002646854	0.039031195	0.667859589	1
T2DM	endothelial	<i>NKD2</i>	-0.098825048	0.016021929	0.667859589	1
T2DM	endothelial	<i>NME1-NME2</i>	-0.060415878	0.036873209	0.667859589	1
T2DM	endothelial	<i>NPHP3</i>	-0.003716948	0.023279338	0.667859589	1
T2DM	endothelial	<i>NSFL1C</i>	-0.005335582	0.010245011	0.667859589	1
T2DM	endothelial	<i>NT5DC2</i>	-0.012651987	0.025396625	0.667859589	1
T2DM	endothelial	<i>NUSAP1</i>	-0.005470737	0.02085428	0.667859589	1
T2DM	endothelial	<i>NXNL1</i>	-0.051487952	0.006326965	0.667859589	1
T2DM	endothelial	<i>OCIAD1</i>	-0.002030637	0.011122904	0.667859589	1
T2DM	endothelial	<i>OLFM2</i>	-0.008029971	0.023204118	0.667859589	1
T2DM	endothelial	<i>OR7D2</i>	-0.05844505	0.026543936	0.667859589	1
T2DM	endothelial	<i>OTOF</i>	-0.040054124	0.033178233	0.667859589	1
T2DM	endothelial	<i>PAM16</i>	-0.007431374	0.028132347	0.667859589	1

T2DM	endothelial	<i>PCCB</i>	-0.003873249	0.046170305	0.667859589	1
T2DM	endothelial	<i>PCDHA7</i>	-0.093722287	0.044927993	0.667859589	1
T2DM	endothelial	<i>PCDHGB2</i>	-0.06283081	0.026144067	0.667859589	1
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T2DM	endothelial	<i>PCP2</i>	-0.050014108	0.019271544	0.667859589	1
T2DM	endothelial	<i>PHLPP2</i>	-0.003413467	0.017362526	0.667859589	1
T2DM	endothelial	<i>PIGZ</i>	-0.005951982	0.007706164	0.667859589	1
T2DM	endothelial	<i>PLEKHA4</i>	-0.005876084	0.038839437	0.667859589	1
T2DM	endothelial	<i>PLEKHH2</i>	-0.001200045	0.018013007	0.667859589	1
T2DM	endothelial	<i>PNMA2</i>	-0.021871078	0.026624355	0.667859589	1
T2DM	endothelial	<i>POLRIE</i>	-0.010565471	0.03236175	0.667859589	1
T2DM	endothelial	<i>POMGNT1</i>	-0.007196685	0.03464211	0.667859589	1
T2DM	endothelial	<i>PONI</i>	-0.019759424	0.044861295	0.667859589	1
T2DM	endothelial	<i>PRDM6</i>	-0.00510545	0.044714972	0.667859589	1
T2DM	endothelial	<i>PRTFDC1</i>	-0.005833482	0.035439922	0.667859589	1
T2DM	endothelial	<i>PSD3</i>	-0.001449089	0.041616294	0.667859589	1
T2DM	endothelial	<i>PSORSIC1</i>	-0.010254765	0.020561341	0.667859589	1
T2DM	endothelial	<i>PSORSIC2</i>	-0.066577611	0.033707313	0.667859589	1
T2DM	endothelial	<i>PTGIS</i>	-0.00269316	0.021549389	0.667859589	1
T2DM	endothelial	<i>PTHIR</i>	-0.004656581	0.015735292	0.667859589	1
T2DM	endothelial	<i>PTN</i>	-0.004401115	0.019331272	0.667859589	1
T2DM	endothelial	<i>PTPN13</i>	-0.001494096	0.017982639	0.667859589	1
T2DM	endothelial	<i>RBP4</i>	-0.002520826	0.046070772	0.667859589	1
T2DM	endothelial	<i>SCGN</i>	-0.045639812	0.031660064	0.667859589	1
T2DM	endothelial	<i>SERF2</i>	-0.001578279	0.026948856	0.667859589	1
T2DM	endothelial	<i>SERPINF2</i>	-0.006023577	0.047671062	0.667859589	1
T2DM	endothelial	<i>SETD1A</i>	-0.006208909	0.041290226	0.667859589	1
T2DM	endothelial	<i>SF3B3</i>	-0.002298483	0.02788487	0.667859589	1
T2DM	endothelial	<i>SFTA1P</i>	-0.056269751	0.041884085	0.667859589	1
T2DM	endothelial	<i>SLC12A2</i>	-0.001132376	0.046990206	0.667859589	1
T2DM	endothelial	<i>SLC22A1</i>	-0.023953175	0.016496219	0.667859589	1
T2DM	endothelial	<i>SLC25A21-AS1</i>	-0.01214171	0.016681763	0.667859589	1
T2DM	endothelial	<i>SLC25A24</i>	-0.002492013	0.049525744	0.667859589	1
T2DM	endothelial	<i>SLC25A26</i>	-0.00208426	0.046422868	0.667859589	1
T2DM	endothelial	<i>SLC25A27</i>	-0.002345354	0.034041506	0.667859589	1
T2DM	endothelial	<i>SLC25A51</i>	-0.022994687	0.027496915	0.667859589	1
T2DM	endothelial	<i>SLC26A10</i>	-0.01240601	0.012810687	0.667859589	1
T2DM	endothelial	<i>SLC41A2</i>	-0.002409413	0.042171064	0.667859589	1
T2DM	endothelial	<i>SLC7A9</i>	-0.013995723	0.048251348	0.667859589	1
T2DM	endothelial	<i>SMARCE1</i>	-0.003520574	0.026551594	0.667859589	1
T2DM	endothelial	<i>SMG8</i>	-0.021509416	0.012163643	0.667859589	1
T2DM	endothelial	<i>SMYD5</i>	-0.00725099	0.031084086	0.667859589	1
T2DM	endothelial	<i>SNAPC5</i>	-0.005214692	0.028667997	0.667859589	1
T2DM	endothelial	<i>SNHG18</i>	-0.007384215	0.027043086	0.667859589	1
T2DM	endothelial	<i>SOAT2</i>	-0.003992528	0.034346616	0.667859589	1
T2DM	endothelial	<i>SPAG1</i>	-0.00341649	0.026468219	0.667859589	1
T2DM	endothelial	<i>SPATA7</i>	-0.002913375	0.032715872	0.667859589	1
T2DM	endothelial	<i>SPINK5</i>	-0.008708665	0.015702236	0.667859589	1
T2DM	endothelial	<i>SPIRE2</i>	-0.007355604	0.016650929	0.667859589	1
T2DM	endothelial	<i>STON1-GTF2A1L</i>	-0.010845056	0.009231188	0.667859589	1
T2DM	endothelial	<i>STOX1</i>	-0.010270759	0.006004922	0.667859589	1
T2DM	endothelial	<i>SUCLA2</i>	-0.001912899	0.033713502	0.667859589	1

T2DM	endothelial	<i>SURF6</i>	-0.005625846	0.046089479	0.667859589	1
T2DM	endothelial	<i>SV2A</i>	-0.012488341	0.023488102	0.667859589	1
T2DM	endothelial	<i>TCF19</i>	-0.009541214	0.041779859	0.667859589	1
T2DM	endothelial	<i>TCF11L2</i>	-0.002614733	0.044177847	0.667859589	1
T2DM	endothelial	<i>TCTE1</i>	-0.072351013	0.012652859	0.667859589	1
T2DM	endothelial	<i>TFPT</i>	-0.0053154	0.035579884	0.667859589	1
T2DM	endothelial	<i>TGM2</i>	-0.002437457	0.014764957	0.667859589	1
T2DM	endothelial	<i>TLAF1</i>	-0.016946901	0.018904318	0.667859589	1
T2DM	endothelial	<i>TLCD1</i>	-0.032388088	0.027975779	0.667859589	1
T2DM	endothelial	<i>TMA7</i>	-0.004804554	0.016655459	0.667859589	1
T2DM	endothelial	<i>TMEM252</i>	-0.030858658	0.02722741	0.667859589	1
T2DM	endothelial	<i>TMEM45A</i>	-0.004039734	0.018733262	0.667859589	1
T2DM	endothelial	<i>TRIP6</i>	-0.006526088	0.031961996	0.667859589	1
T2DM	endothelial	<i>TRMT12</i>	-0.019557125	0.046881729	0.667859589	1
T2DM	endothelial	<i>TRMT61A</i>	-0.007445588	0.036235408	0.667859589	1
T2DM	endothelial	<i>TTLL9</i>	-0.011794485	0.015405659	0.667859589	1
T2DM	endothelial	<i>TUBG2</i>	-0.006905863	0.037989328	0.667859589	1
T2DM	endothelial	<i>UBAP1L</i>	-0.003728667	0.014896482	0.667859589	1
T2DM	endothelial	<i>UPK3B</i>	-0.002925644	0.023804973	0.667859589	1
T2DM	endothelial	<i>UROD</i>	-0.007908421	0.01596257	0.667859589	1
T2DM	endothelial	<i>USP53</i>	-0.001752112	0.008912888	0.667859589	1
T2DM	endothelial	<i>VIPAS39</i>	-0.003739751	0.039942035	0.667859589	1
T2DM	endothelial	<i>VNN1</i>	-0.005908063	0.043694776	0.667859589	1
T2DM	endothelial	<i>VSIG2</i>	-0.01176248	0.040673281	0.667859589	1
T2DM	endothelial	<i>WDR31</i>	-0.007840032	0.04450099	0.667859589	1
T2DM	endothelial	<i>WDR35</i>	-0.00406071	0.026700794	0.667859589	1
T2DM	endothelial	<i>WDR60</i>	-0.002509535	0.040163207	0.667859589	1
T2DM	endothelial	<i>WFDC3</i>	-0.01103138	0.024815608	0.667859589	1
T2DM	endothelial	<i>WNT6</i>	-0.006504436	0.048176497	0.667859589	1
T2DM	endothelial	<i>WT1</i>	-0.001512542	0.022158435	0.667859589	1
T2DM	endothelial	<i>ZFAND2A</i>	-0.005578148	0.014954732	0.667859589	1
T2DM	endothelial	<i>ZFP2</i>	-0.005244122	0.029636761	0.667859589	1
T2DM	endothelial	<i>ZNF114</i>	-0.01251909	0.019183194	0.667859589	1
T2DM	endothelial	<i>ZNF229</i>	-0.040447919	0.039737537	0.667859589	1
T2DM	endothelial	<i>ZNF34</i>	-0.00500569	0.018554324	0.667859589	1
T2DM	endothelial	<i>ZNF462</i>	-0.002427463	0.028386226	0.667859589	1
T2DM	endothelial	<i>ZNF471</i>	-0.004746069	0.031385062	0.667859589	1
T2DM	endothelial	<i>ZNF549</i>	-0.005984248	0.001571773	0.667859589	1
T2DM	endothelial	<i>ZNF555</i>	-0.00953607	0.01353944	0.667859589	1
T2DM	endothelial	<i>ZNF559</i>	-0.006329985	0.028798192	0.667859589	1
T2DM	endothelial	<i>ZNF560</i>	-0.01674484	0.032677912	0.667859589	1
T2DM	endothelial	<i>ZNF586</i>	-0.001846893	0.02488844	0.667859589	1
T2DM	endothelial	<i>ZNF621</i>	-0.005418473	0.031735544	0.667859589	1
T2DM	endothelial	<i>ZNF623</i>	-0.006707231	0.035923728	0.667859589	1
T2DM	endothelial	<i>ZNF667</i>	-0.012475058	0.035483452	0.667859589	1
T2DM	endothelial	<i>ZNF713</i>	-0.036669362	0.034324117	0.667859589	1
T2DM	endothelial	<i>C4B</i>	-0.054745288	0.023477812	0.667859589	1
T2DM	endothelial	<i>FAM106A</i>	-0.048932771	0.025022841	0.667859589	1
T2DM	endothelial	<i>RAB6C</i>	-0.058774366	0.032922151	0.667859589	1
T2DM	endothelial	<i>ZFP57</i>	-0.055240792	0.036076323	0.667859589	1
T2DM	endothelial	<i>SERPINA3</i>	-0.004070061	0.013900671	0.667859589	1
T2DM	endothelial	<i>DCD</i>	-0.047196018	0.002443684	0.667859589	1

T2DM	endothelial	<i>DGCR6</i>	-0.061970883	0.032425518	0.667859589	1
T2DM	endothelial	<i>AC009495.2</i>	-0.05169847	0.049790899	0.667859589	1
T2DM	endothelial	<i>GPR12</i>	-0.046309954	0.021505805	0.667859589	1
T2DM	endothelial	<i>LGALS9B</i>	-0.003743257	0.017666076	0.667859589	1
T2DM	endothelial	<i>KRT73</i>	-0.003695396	0.030373361	0.667859589	1
T2DM	endothelial	<i>PDE6H</i>	-0.080442521	0.0457551	0.667859589	1
T2DM	endothelial	<i>FAM25A</i>	-0.008016985	0.007092747	0.667859589	1
T2DM	LEC	<i>ACSS3</i>	-0.001439224	0.046618717	0.998597013	1
T2DM	LEC	<i>AGRN</i>	-0.004670262	0.040842819	0.998597013	1
T2DM	LEC	<i>AHRR</i>	-0.007876908	0.008950753	0.998597013	1
T2DM	LEC	<i>ANKRD36B</i>	-0.002239814	0.044812034	0.998597013	1
T2DM	LEC	<i>ANKRD54</i>	-0.0092038	0.022381532	0.998597013	1
T2DM	LEC	<i>ARHGAP28</i>	-0.00228636	0.047547535	0.998597013	1
T2DM	LEC	<i>BTNL8</i>	-0.007203517	0.022738971	0.998597013	1
T2DM	LEC	<i>C11orf21</i>	-0.009442244	0.039764876	0.998597013	1
T2DM	LEC	<i>CCDC171</i>	-0.003459258	0.018715356	0.998597013	1
T2DM	LEC	<i>CEACAM19</i>	-0.010184036	0.03293614	0.998597013	1
T2DM	LEC	<i>CEBPZ</i>	-0.001474073	0.044896687	0.998597013	1
T2DM	LEC	<i>CENPP</i>	-0.0017674	0.048239532	0.998597013	1
T2DM	LEC	<i>CLDN1</i>	-0.002162553	0.009823113	0.998597013	1
T2DM	LEC	<i>CLEC12A</i>	0.001812484	0.016270007	0.998597013	1
T2DM	LEC	<i>CLEC12B</i>	0.013540461	0.014478807	0.998597013	1
T2DM	LEC	<i>CLEC1B</i>	0.012197215	0.007772467	0.998597013	1
T2DM	LEC	<i>CLUAP1</i>	-0.004674984	0.014041946	0.998597013	1
T2DM	LEC	<i>CRTAP</i>	-0.003611449	0.02584819	0.998597013	1
T2DM	LEC	<i>DLG5</i>	-0.00331461	0.009992605	0.998597013	1
T2DM	LEC	<i>DNAJC15</i>	-0.003051618	0.043982503	0.998597013	1
T2DM	LEC	<i>DOCK5</i>	0.000879912	0.041166458	0.998597013	1
T2DM	LEC	<i>DOCK8</i>	0.000670694	0.019249004	0.998597013	1
T2DM	LEC	<i>EFEMP2</i>	-0.009828712	0.010898589	0.998597013	1
T2DM	LEC	<i>EIF2B3</i>	-0.001392356	0.04914384	0.998597013	1
T2DM	LEC	<i>ELMO3</i>	0.021159715	0.040390977	0.998597013	1
T2DM	LEC	<i>EMILIN3</i>	-0.029499766	0.0383309	0.998597013	1
T2DM	LEC	<i>EVA1B</i>	-0.007316778	0.046769593	0.998597013	1
T2DM	LEC	<i>FAM110D</i>	-0.013904971	0.001836195	0.998597013	1
T2DM	LEC	<i>FGF14-AS2</i>	-0.032274949	0.040796081	0.998597013	1
T2DM	LEC	<i>FLYWCH1</i>	-0.002866988	0.047035678	0.998597013	1
T2DM	LEC	<i>FNDC3B</i>	-0.000744345	0.01834044	0.998597013	1
T2DM	LEC	<i>GNRHR</i>	-0.007603769	0.037332203	0.998597013	1
T2DM	LEC	<i>GPR156</i>	-0.008275669	0.039908723	0.998597013	1
T2DM	LEC	<i>GRIK2</i>	-0.006340734	0.017944907	0.998597013	1
T2DM	LEC	<i>GSTM3</i>	-0.006771996	0.026666332	0.998597013	1
T2DM	LEC	<i>GXYLT2</i>	-0.001801791	0.042407144	0.998597013	1
T2DM	LEC	<i>HOXD4</i>	0.07096707	0.006881819	0.998597013	1
T2DM	LEC	<i>IFITM1</i>	-0.030493664	0.012079724	0.998597013	1
T2DM	LEC	<i>IGFBP2</i>	-0.00642316	0.015282161	0.998597013	1
T2DM	LEC	<i>IK</i>	-0.005209216	0.014056306	0.998597013	1
T2DM	LEC	<i>IQSEC3</i>	-0.01335363	0.040411436	0.998597013	1
T2DM	LEC	<i>KNSTRN</i>	0.007252695	0.030643468	0.998597013	1
T2DM	LEC	<i>LAMP5</i>	-0.013257884	0.01511262	0.998597013	1
T2DM	LEC	<i>LIN7C</i>	-0.003260564	0.032017029	0.998597013	1
T2DM	LEC	<i>LINC00865</i>	-0.00391719	0.035257675	0.998597013	1

T2DM	LEC	<i>MAFF</i>	-0.007369421	0.039321711	0.998597013	1
T2DM	LEC	<i>MCC</i>	-0.002266966	0.001881736	0.998597013	1
T2DM	LEC	<i>MED28</i>	-0.002675234	0.030505698	0.998597013	1
T2DM	LEC	<i>MESP2</i>	-0.032586246	0.00349582	0.998597013	1
T2DM	LEC	<i>MET</i>	-0.002126342	0.041249124	0.998597013	1
T2DM	LEC	<i>MRPL21</i>	-0.005078009	0.031551201	0.998597013	1
T2DM	LEC	<i>MSH4</i>	-0.009800484	0.015736465	0.998597013	1
T2DM	LEC	<i>MTG2</i>	-0.004422998	0.014432055	0.998597013	1
T2DM	LEC	<i>NALCN</i>	0.002908713	0.025892641	0.998597013	1
T2DM	LEC	<i>NARF</i>	-0.002893906	0.032570253	0.998597013	1
T2DM	LEC	<i>NECAP2</i>	-0.00283533	0.00498065	0.998597013	1
T2DM	LEC	<i>NPHP3</i>	-0.003521521	0.0315874	0.998597013	1
T2DM	LEC	<i>NSUN3</i>	-0.001428007	0.043502266	0.998597013	1
T2DM	LEC	<i>OGFOD3</i>	-0.004952521	0.008779543	0.998597013	1
T2DM	LEC	<i>OR51E1</i>	-0.013987663	0.032269013	0.998597013	1
T2DM	LEC	<i>P4HTM</i>	-0.005186666	0.015819557	0.998597013	1
T2DM	LEC	<i>PDZD2</i>	-0.000763498	0.0362076	0.998597013	1
T2DM	LEC	<i>PEX10</i>	-0.008400174	0.041305039	0.998597013	1
T2DM	LEC	<i>PGGT1B</i>	0.002538632	0.01408582	0.998597013	1
T2DM	LEC	<i>PI4KA</i>	-0.002353827	0.031070537	0.998597013	1
T2DM	LEC	<i>PLCXD3</i>	-0.002746804	0.049450052	0.998597013	1
T2DM	LEC	<i>PLEKHA1</i>	-0.003749657	0.032461232	0.998597013	1
T2DM	LEC	<i>PLEKHH2</i>	-0.001121188	0.026986604	0.998597013	1
T2DM	LEC	<i>PLLP</i>	-0.006978062	0.044243389	0.998597013	1
T2DM	LEC	<i>POC1B</i>	-0.003893634	0.003745731	0.998597013	1
T2DM	LEC	<i>PPP1R3C</i>	-0.00429253	0.048846537	0.998597013	1
T2DM	LEC	<i>PROM2</i>	-0.079649335	0.009695213	0.998597013	1
T2DM	LEC	<i>PSORS1C1</i>	-0.010782336	0.014746617	0.998597013	1
T2DM	LEC	<i>PTGDS</i>	-0.002646438	0.026525378	0.998597013	1
T2DM	LEC	<i>RAD52</i>	-0.004629634	0.006114479	0.998597013	1
T2DM	LEC	<i>RAPGEF3</i>	-0.003642852	0.038919174	0.998597013	1
T2DM	LEC	<i>RGCC</i>	-0.002305028	0.016492514	0.998597013	1
T2DM	LEC	<i>RGS16</i>	-0.012852138	0.028955572	0.998597013	1
T2DM	LEC	<i>SEMA3F</i>	-0.009871798	0.045769439	0.998597013	1
T2DM	LEC	<i>SETDB2</i>	-0.002020093	0.027689715	0.998597013	1
T2DM	LEC	<i>SGSH</i>	-0.006403287	0.006897729	0.998597013	1
T2DM	LEC	<i>SLC25A21-AS1</i>	-0.015268233	0.002701566	0.998597013	1
T2DM	LEC	<i>SMIM6</i>	-0.065651741	0.023320255	0.998597013	1
T2DM	LEC	<i>SPATA7</i>	-0.003508164	0.010066301	0.998597013	1
T2DM	LEC	<i>STEAP2</i>	-0.004210984	0.024879523	0.998597013	1
T2DM	LEC	<i>SULF1</i>	-0.001023856	0.029577545	0.998597013	1
T2DM	LEC	<i>TAF1C</i>	-0.007035204	0.046798847	0.998597013	1
T2DM	LEC	<i>TGM2</i>	-0.002172756	0.029669888	0.998597013	1
T2DM	LEC	<i>TIGD1</i>	0.003671871	0.02732426	0.998597013	1
T2DM	LEC	<i>TMCO6</i>	-0.007564054	0.006793814	0.998597013	1
T2DM	LEC	<i>TMEM216</i>	0.01149579	0.001853734	0.998597013	1
T2DM	LEC	<i>TONSL</i>	-0.007655987	0.027579366	0.998597013	1
T2DM	LEC	<i>TRIM13</i>	-0.00215713	0.019071116	0.998597013	1
T2DM	LEC	<i>TRIOBP</i>	-0.002120037	0.045467667	0.998597013	1
T2DM	LEC	<i>TSPYL5</i>	-0.007040275	0.048437998	0.998597013	1
T2DM	LEC	<i>TUFM</i>	-0.004870268	0.017461805	0.998597013	1
T2DM	LEC	<i>TYW3</i>	-0.006019142	0.025280568	0.998597013	1

T2DM	LEC	<i>UBAP1L</i>	0.003568364	0.019561353	0.998597013	1
T2DM	LEC	<i>URGCP</i>	-0.002636046	0.048614527	0.998597013	1
T2DM	LEC	<i>VPS28</i>	-0.003736238	0.03207032	0.998597013	1
T2DM	LEC	<i>ZFPM1</i>	-0.006378999	0.031010879	0.998597013	1
T2DM	LEC	<i>ZNF471</i>	-0.004361418	0.047948202	0.998597013	1
T2DM	LEC	<i>ZNF91</i>	-0.001894973	0.029968466	0.998597013	1
T2DM	LEC	<i>ZSCAN31</i>	-0.004892167	0.039025799	0.998597013	1
T2DM	LEC	<i>POLR2J2</i>	-0.055444047	0.033184283	0.998597013	1
T2DM	LEC	<i>HIST2H2AA4</i>	-0.003228279	0.042992544	0.998597013	1
T2DM	macrophage	<i>AANAT</i>	-0.069493896	0.014498223	0.644387365	1
T2DM	macrophage	<i>ABHD14A</i>	-0.007421181	0.010220372	0.644387365	1
T2DM	macrophage	<i>AC093668.2</i>	-0.013952809	0.012265687	0.644387365	1
T2DM	macrophage	<i>ACSM1</i>	-0.008499128	0.035256792	0.644387365	1
T2DM	macrophage	<i>ACSS3</i>	-0.001770138	0.013961592	0.644387365	1
T2DM	macrophage	<i>ACTR5</i>	-0.009629542	0.037497277	0.644387365	1
T2DM	macrophage	<i>ADAMTS2</i>	-0.00278766	0.019518784	0.644387365	1
T2DM	macrophage	<i>ADH4</i>	-0.004972535	0.034911888	0.644387365	1
T2DM	macrophage	<i>AD11</i>	-0.00600515	0.047252993	0.644387365	1
T2DM	macrophage	<i>AGA</i>	-0.005376526	0.018530469	0.644387365	1
T2DM	macrophage	<i>AGRN</i>	-0.006236321	0.006213561	0.644387365	1
T2DM	macrophage	<i>AKR1E2</i>	-0.007252415	0.038654458	0.644387365	1
T2DM	macrophage	<i>AL021068.1</i>	-0.05383122	0.018677851	0.644387365	1
T2DM	macrophage	<i>ANGEL2</i>	-0.001653215	0.035029847	0.644387365	1
T2DM	macrophage	<i>ANKS6</i>	0.004085505	0.040583599	0.644387365	1
T2DM	macrophage	<i>ANTXR2</i>	0.002906536	0.000524181	0.644387365	1
T2DM	macrophage	<i>ANXA8L1</i>	-0.002421963	0.036850401	0.644387365	1
T2DM	macrophage	<i>AP000347.2</i>	-0.015429241	0.02395487	0.644387365	1
T2DM	macrophage	<i>APOBEC3C</i>	-0.006880081	0.035973646	0.644387365	1
T2DM	macrophage	<i>ARHGEF35</i>	-0.055144879	0.034276543	0.644387365	1
T2DM	macrophage	<i>ARNT2</i>	-0.003148111	0.036174181	0.644387365	1
T2DM	macrophage	<i>ART5</i>	-0.062383731	0.045437906	0.644387365	1
T2DM	macrophage	<i>ATG13</i>	-0.00363711	0.010455613	0.644387365	1
T2DM	macrophage	<i>ATP7B</i>	-0.003888712	0.033450049	0.644387365	1
T2DM	macrophage	<i>ATRIP</i>	-0.016645106	0.018809693	0.644387365	1
T2DM	macrophage	<i>ATRNL1</i>	-0.001917203	0.041537344	0.644387365	1
T2DM	macrophage	<i>B4GALNT3</i>	-0.008195018	0.025004161	0.644387365	1
T2DM	macrophage	<i>BDH2</i>	-0.004105518	0.038504127	0.644387365	1
T2DM	macrophage	<i>BMPR1B</i>	-0.005053464	0.025128682	0.644387365	1
T2DM	macrophage	<i>BOD1</i>	-0.008502722	0.020394207	0.644387365	1
T2DM	macrophage	<i>BTBD16</i>	-0.016700782	0.032592488	0.644387365	1
T2DM	macrophage	<i>BTBD6</i>	-0.005269726	0.036740362	0.644387365	1
T2DM	macrophage	<i>BTNL8</i>	-0.007329541	0.021282379	0.644387365	1
T2DM	macrophage	<i>C14orf37</i>	-0.001216848	0.023084682	0.644387365	1
T2DM	macrophage	<i>C1QL3</i>	-0.021080498	0.021511283	0.644387365	1
T2DM	macrophage	<i>C21orf33</i>	-0.040136823	0.041031259	0.644387365	1
T2DM	macrophage	<i>C3orf14</i>	-0.014945737	0.010982741	0.644387365	1
T2DM	macrophage	<i>C5orf17</i>	-0.004161144	0.0063051	0.644387365	1
T2DM	macrophage	<i>C6orf201</i>	-0.010248989	0.043743658	0.644387365	1
T2DM	macrophage	<i>C9orf24</i>	-0.008485797	0.009192444	0.644387365	1
T2DM	macrophage	<i>CABLES2</i>	-0.022576376	0.03553388	0.644387365	1
T2DM	macrophage	<i>CACFD1</i>	-0.026689965	0.020759682	0.644387365	1
T2DM	macrophage	<i>CAMK2N1</i>	-0.019649866	0.01530518	0.644387365	1

T2DM	macrophage	<i>CASCI</i>	-0.0123532	0.027029217	0.644387365	1
T2DM	macrophage	<i>CBLN3</i>	-0.014097003	0.025341207	0.644387365	1
T2DM	macrophage	<i>CCDC153</i>	-0.02270388	0.042159453	0.644387365	1
T2DM	macrophage	<i>CDC26</i>	-0.005599902	0.046547041	0.644387365	1
T2DM	macrophage	<i>CELF6</i>	-0.032022181	0.046770107	0.644387365	1
T2DM	macrophage	<i>CER1</i>	-0.01394409	0.007546712	0.644387365	1
T2DM	macrophage	<i>CIAPIN1</i>	-0.00336794	0.030257749	0.644387365	1
T2DM	macrophage	<i>CIB1</i>	-0.004057036	0.049269716	0.644387365	1
T2DM	macrophage	<i>CNGA3</i>	-0.064985736	0.035469004	0.644387365	1
T2DM	macrophage	<i>COL9A1</i>	-0.01801236	0.046611507	0.644387365	1
T2DM	macrophage	<i>COX11</i>	-0.003139593	0.04733392	0.644387365	1
T2DM	macrophage	<i>CPS1</i>	-0.00966237	0.027995971	0.644387365	1
T2DM	macrophage	<i>CTSF</i>	-0.006974093	0.0139527	0.644387365	1
T2DM	macrophage	<i>CUL7</i>	-0.007610397	0.023205853	0.644387365	1
T2DM	macrophage	<i>CYP2D6</i>	-0.034246726	0.043733365	0.644387365	1
T2DM	macrophage	<i>CYP2E1</i>	-0.021829777	0.048981883	0.644387365	1
T2DM	macrophage	<i>D2HGDH</i>	-0.004521837	0.009266806	0.644387365	1
T2DM	macrophage	<i>DCT</i>	-0.007848157	0.032775318	0.644387365	1
T2DM	macrophage	<i>DEPTOR</i>	-0.001582723	0.048762903	0.644387365	1
T2DM	macrophage	<i>DKKL1</i>	-0.060245195	0.027950174	0.644387365	1
T2DM	macrophage	<i>DLEC1</i>	-0.004969282	0.02180047	0.644387365	1
T2DM	macrophage	<i>DMKN</i>	-0.003633741	0.043016925	0.644387365	1
T2DM	macrophage	<i>DNAH10</i>	-0.008557514	0.026652761	0.644387365	1
T2DM	macrophage	<i>DNAH7</i>	-0.005077328	0.049038234	0.644387365	1
T2DM	macrophage	<i>DNAJC15</i>	-0.003006771	0.047578118	0.644387365	1
T2DM	macrophage	<i>DPP3</i>	-0.00957491	0.02921825	0.644387365	1
T2DM	macrophage	<i>DSCC1</i>	-0.008642413	0.04831333	0.644387365	1
T2DM	macrophage	<i>ERBB2</i>	-0.005312484	0.014271626	0.644387365	1
T2DM	macrophage	<i>ESRRB</i>	-0.013312236	0.049454741	0.644387365	1
T2DM	macrophage	<i>FAM149A</i>	-0.004217431	0.047233275	0.644387365	1
T2DM	macrophage	<i>FAM86C1</i>	-0.022853428	0.003125758	0.644387365	1
T2DM	macrophage	<i>FBXL6</i>	-0.00716894	0.035076888	0.644387365	1
T2DM	macrophage	<i>FBXO15</i>	0.017114991	0.049183099	0.644387365	1
T2DM	macrophage	<i>FLRT3</i>	-0.005229415	0.010766825	0.644387365	1
T2DM	macrophage	<i>FMOD</i>	-0.006405029	0.043232131	0.644387365	1
T2DM	macrophage	<i>FUZ</i>	-0.012140631	0.043021561	0.644387365	1
T2DM	macrophage	<i>GATC</i>	-0.008384377	0.021681843	0.644387365	1
T2DM	macrophage	<i>GCDH</i>	-0.005013421	0.009900979	0.644387365	1
T2DM	macrophage	<i>GCSH</i>	-0.014990235	0.026645316	0.644387365	1
T2DM	macrophage	<i>GLB1L</i>	-0.007159276	0.035823857	0.644387365	1
T2DM	macrophage	<i>GMPPB</i>	-0.013394935	0.047625774	0.644387365	1
T2DM	macrophage	<i>GOLGA8R</i>	-0.050833009	0.037161975	0.644387365	1
T2DM	macrophage	<i>GPC2</i>	-0.04599711	0.04825081	0.644387365	1
T2DM	macrophage	<i>GPRIN1</i>	-0.059070705	0.033883184	0.644387365	1
T2DM	macrophage	<i>GSTP1</i>	-0.00350999	0.009399267	0.644387365	1
T2DM	macrophage	<i>HAVCR1</i>	-0.012040537	0.036213975	0.644387365	1
T2DM	macrophage	<i>HEMK1</i>	-0.007440508	0.042960219	0.644387365	1
T2DM	macrophage	<i>HOXB2</i>	-0.00641761	0.013001984	0.644387365	1
T2DM	macrophage	<i>HTR1F</i>	-0.02180208	0.04520855	0.644387365	1
T2DM	macrophage	<i>ICMT</i>	-0.011745472	0.035184092	0.644387365	1
T2DM	macrophage	<i>IDO2</i>	-0.01368496	0.03424644	0.644387365	1
T2DM	macrophage	<i>IER2</i>	-0.002825282	0.044758569	0.644387365	1

T2DM	macrophage	<i>INSRR</i>	-0.017216854	0.043385788	0.644387365	1
T2DM	macrophage	<i>IQSEC3</i>	-0.014768594	0.023945942	0.644387365	1
T2DM	macrophage	<i>JMJD7</i>	-0.023441715	0.005653912	0.644387365	1
T2DM	macrophage	<i>JMJD8</i>	-0.010946896	0.009304593	0.644387365	1
T2DM	macrophage	<i>KDELC2</i>	-0.006604078	0.045249811	0.644387365	1
T2DM	macrophage	<i>KIF17</i>	-0.013085608	0.036868473	0.644387365	1
T2DM	macrophage	<i>KLHL7</i>	-0.002554997	0.018573955	0.644387365	1
T2DM	macrophage	<i>KLK10</i>	-0.007086047	0.048444061	0.644387365	1
T2DM	macrophage	<i>L1TD1</i>	-0.07026978	0.032597499	0.644387365	1
T2DM	macrophage	<i>L3HYPDH</i>	-0.004217178	0.044988227	0.644387365	1
T2DM	macrophage	<i>LHCGR</i>	-0.028845279	0.03893674	0.644387365	1
T2DM	macrophage	<i>LIN37</i>	-0.018410088	0.044466983	0.644387365	1
T2DM	macrophage	<i>LIN7B</i>	-0.008085002	0.002192067	0.644387365	1
T2DM	macrophage	<i>LINC00174</i>	-0.002219097	0.042943656	0.644387365	1
T2DM	macrophage	<i>LINC00942</i>	-0.022129377	0.030882445	0.644387365	1
T2DM	macrophage	<i>LINC01106</i>	-0.005567748	0.042767398	0.644387365	1
T2DM	macrophage	<i>LINC01119</i>	-0.01461658	0.038228744	0.644387365	1
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T2DM	macrophage	<i>LNPI</i>	-0.011570614	0.018527664	0.644387365	1
T2DM	macrophage	<i>LRRC27</i>	-0.008627063	0.003374914	0.644387365	1
T2DM	macrophage	<i>LRRC56</i>	-0.041229901	0.04361493	0.644387365	1
T2DM	macrophage	<i>LRWD1</i>	-0.030379521	0.02053874	0.644387365	1
T2DM	macrophage	<i>LURAP1</i>	-0.006402982	0.019570914	0.644387365	1
T2DM	macrophage	<i>MARVELD1</i>	-0.003414971	0.047093819	0.644387365	1
T2DM	macrophage	<i>MASTL</i>	-0.005834252	0.007328373	0.644387365	1
T2DM	macrophage	<i>MB21D2</i>	-0.003729082	0.022888544	0.644387365	1
T2DM	macrophage	<i>MGAT5B</i>	-0.026738515	0.018169284	0.644387365	1
T2DM	macrophage	<i>MLST8</i>	-0.013770969	0.026752758	0.644387365	1
T2DM	macrophage	<i>MMP11</i>	-0.006095189	0.040557526	0.644387365	1
T2DM	macrophage	<i>MMRN1</i>	0.000872219	0.029579148	0.644387365	1
T2DM	macrophage	<i>MORN1</i>	-0.006748996	0.041639917	0.644387365	1
T2DM	macrophage	<i>MORN4</i>	-0.007327249	0.035147335	0.644387365	1
T2DM	macrophage	<i>MROH7</i>	-0.031502236	0.014958961	0.644387365	1
T2DM	macrophage	<i>MRPL34</i>	-0.008244112	0.02016599	0.644387365	1
T2DM	macrophage	<i>MRPL46</i>	-0.006759887	0.041856266	0.644387365	1
T2DM	macrophage	<i>MRPL51</i>	-0.003918123	0.038133898	0.644387365	1
T2DM	macrophage	<i>MRPS26</i>	-0.005135341	0.038829315	0.644387365	1
T2DM	macrophage	<i>MRPS9</i>	-0.004362306	0.01549549	0.644387365	1
T2DM	macrophage	<i>MTMR10</i>	-0.002356541	0.046094985	0.644387365	1
T2DM	macrophage	<i>MYL5</i>	-0.013233394	0.018440054	0.644387365	1
T2DM	macrophage	<i>MZT2A</i>	-0.00439805	0.042339687	0.644387365	1
T2DM	macrophage	<i>N6AMT1</i>	-0.006964192	0.011969075	0.644387365	1
T2DM	macrophage	<i>NAGA</i>	-0.004647131	0.045921853	0.644387365	1
T2DM	macrophage	<i>NCR3LG1</i>	-0.005821888	0.0243475	0.644387365	1
T2DM	macrophage	<i>NDOR1</i>	-0.003708101	0.013113683	0.644387365	1
T2DM	macrophage	<i>NDST1</i>	-0.004245989	0.019104387	0.644387365	1
T2DM	macrophage	<i>NDUFS8</i>	-0.007030455	0.001105687	0.644387365	1
T2DM	macrophage	<i>NECAP2</i>	-0.002217066	0.029862818	0.644387365	1
T2DM	macrophage	<i>NEIL2</i>	-0.007830692	0.03101167	0.644387365	1
T2DM	macrophage	<i>NEK3</i>	-0.003452806	0.0017062	0.644387365	1
T2DM	macrophage	<i>NKD2</i>	-0.106874571	0.00955485	0.644387365	1
T2DM	macrophage	<i>NME1-NME2</i>	-0.057048042	0.049158784	0.644387365	1

T2DM	macrophage	<i>NPFFR2</i>	-0.023437509	0.027816678	0.644387365	1
T2DM	macrophage	<i>NRXN2</i>	-0.014658201	0.005136748	0.644387365	1
T2DM	macrophage	<i>NSUN4</i>	-0.003889288	0.036087209	0.644387365	1
T2DM	macrophage	<i>NSUN7</i>	-0.010513501	0.025530827	0.644387365	1
T2DM	macrophage	<i>NTPCR</i>	-0.00238389	0.02361754	0.644387365	1
T2DM	macrophage	<i>NUDT6</i>	-0.005076423	0.04855486	0.644387365	1
T2DM	macrophage	<i>NXNL1</i>	-0.043466749	0.021770383	0.644387365	1
T2DM	macrophage	<i>OLFM2</i>	-0.007848533	0.025284831	0.644387365	1
T2DM	macrophage	<i>OPN1SW</i>	-0.010771474	0.032512741	0.644387365	1
T2DM	macrophage	<i>PARP10</i>	-0.0059766	0.021378564	0.644387365	1
T2DM	macrophage	<i>PCBP3</i>	-0.005241207	0.048374138	0.644387365	1
T2DM	macrophage	<i>PCDHB2</i>	-0.03165421	0.038662117	0.644387365	1
T2DM	macrophage	<i>PCSK9</i>	-0.050517258	0.022198788	0.644387365	1
T2DM	macrophage	<i>PDCD11</i>	-0.005414034	0.034053539	0.644387365	1
T2DM	macrophage	<i>PDZD2</i>	-0.000840385	0.021376829	0.644387365	1
T2DM	macrophage	<i>PENK</i>	-0.069708775	0.034268435	0.644387365	1
T2DM	macrophage	<i>PFDN1</i>	-0.001975091	0.040471073	0.644387365	1
T2DM	macrophage	<i>PITRM1</i>	-0.006489613	0.028859953	0.644387365	1
T2DM	macrophage	<i>PKDCC</i>	-0.005032323	0.007254526	0.644387365	1
T2DM	macrophage	<i>PLA2G4B</i>	-0.039283191	0.00892021	0.644387365	1
T2DM	macrophage	<i>PLEKHA4</i>	-0.006938181	0.015016897	0.644387365	1
T2DM	macrophage	<i>PLEKHH2</i>	-0.001002969	0.047181898	0.644387365	1
T2DM	macrophage	<i>PLOD1</i>	-0.011694489	0.017127015	0.644387365	1
T2DM	macrophage	<i>PNKD</i>	0.003744864	0.014044214	0.644387365	1
T2DM	macrophage	<i>PNLDC1</i>	-0.034709045	0.005108648	0.644387365	1
T2DM	macrophage	<i>POLE4</i>	-0.003291578	0.04184277	0.644387365	1
T2DM	macrophage	<i>POLR1A</i>	-0.003998334	0.045467045	0.644387365	1
T2DM	macrophage	<i>POMGNT1</i>	-0.00867362	0.010929262	0.644387365	1
T2DM	macrophage	<i>PPIL3</i>	-0.004376663	0.008354948	0.644387365	1
T2DM	macrophage	<i>PRDM6</i>	-0.005312858	0.036231196	0.644387365	1
T2DM	macrophage	<i>PRSS16</i>	-0.020271426	0.033736493	0.644387365	1
T2DM	macrophage	<i>PTH1R</i>	-0.00394974	0.039490327	0.644387365	1
T2DM	macrophage	<i>PTPN13</i>	-0.001254308	0.048368199	0.644387365	1
T2DM	macrophage	<i>QRFPR</i>	-0.038902252	0.012208728	0.644387365	1
T2DM	macrophage	<i>RAB36</i>	-0.037061385	0.020813701	0.644387365	1
T2DM	macrophage	<i>RAB43</i>	-0.088832981	0.013370903	0.644387365	1
T2DM	macrophage	<i>RASEF</i>	-0.026406366	0.019408029	0.644387365	1
T2DM	macrophage	<i>RBFA</i>	-0.006236683	0.049898912	0.644387365	1
T2DM	macrophage	<i>RNLS</i>	-0.001653059	0.046055863	0.644387365	1
T2DM	macrophage	<i>RWDD2B</i>	-0.007504385	0.030492255	0.644387365	1
T2DM	macrophage	<i>SCAND1</i>	-0.006979392	0.020418528	0.644387365	1
T2DM	macrophage	<i>SCGN</i>	-0.050955113	0.016341641	0.644387365	1
T2DM	macrophage	<i>SCN2A</i>	-0.007433935	0.031305307	0.644387365	1
T2DM	macrophage	<i>SERPINC1</i>	-0.029102007	0.015917948	0.644387365	1
T2DM	macrophage	<i>SH3GLB2</i>	-0.005602169	0.018891595	0.644387365	1
T2DM	macrophage	<i>SH3YL1</i>	-0.003968356	0.029349129	0.644387365	1
T2DM	macrophage	<i>SLC10A5</i>	-0.022172201	0.00536577	0.644387365	1
T2DM	macrophage	<i>SLC1A7</i>	-0.022010674	0.014270597	0.644387365	1
T2DM	macrophage	<i>SLC22A1</i>	-0.020192861	0.043597046	0.644387365	1
T2DM	macrophage	<i>SLC25A21-AS1</i>	-0.016846545	0.000944001	0.644387365	1
T2DM	macrophage	<i>SLC25A30</i>	-0.0057063	0.009010152	0.644387365	1
T2DM	macrophage	<i>SLC2A14</i>	-0.016220092	0.044075454	0.644387365	1

T2DM	macrophage	<i>SLC30A4</i>	-0.006316679	0.043912549	0.644387365	1
T2DM	macrophage	<i>SLC35E2B</i>	-0.0029584	0.017013626	0.644387365	1
T2DM	macrophage	<i>SLC39A4</i>	-0.018218971	0.047065804	0.644387365	1
T2DM	macrophage	<i>SLC5A9</i>	-0.007559194	0.049195813	0.644387365	1
T2DM	macrophage	<i>SMG8</i>	-0.021740105	0.01153146	0.644387365	1
T2DM	macrophage	<i>SMIM6</i>	-0.058262538	0.044956903	0.644387365	1
T2DM	macrophage	<i>SNHG18</i>	-0.008577445	0.010453469	0.644387365	1
T2DM	macrophage	<i>SNUPN</i>	-0.004450147	0.03154727	0.644387365	1
T2DM	macrophage	<i>SNX31</i>	-0.015457287	0.012947928	0.644387365	1
T2DM	macrophage	<i>SOAT2</i>	-0.003712247	0.047467353	0.644387365	1
T2DM	macrophage	<i>SORCS2</i>	-0.006354843	0.04029017	0.644387365	1
T2DM	macrophage	<i>SPARC</i>	-0.001150534	0.027326749	0.644387365	1
T2DM	macrophage	<i>SPATA7</i>	-0.002673078	0.049461802	0.644387365	1
T2DM	macrophage	<i>SPDL1</i>	-0.013215169	0.039299033	0.644387365	1
T2DM	macrophage	<i>SPIRE2</i>	-0.008064861	0.009018171	0.644387365	1
T2DM	macrophage	<i>SPRYD4</i>	-0.011619086	0.033820354	0.644387365	1
T2DM	macrophage	<i>SPTA1</i>	-0.067789515	0.030509177	0.644387365	1
T2DM	macrophage	<i>SSPN</i>	-0.002857194	0.048079782	0.644387365	1
T2DM	macrophage	<i>ST20</i>	-0.015554808	0.002864526	0.644387365	1
T2DM	macrophage	<i>STARD10</i>	-0.008502372	0.04343436	0.644387365	1
T2DM	macrophage	<i>STOX1</i>	-0.007526395	0.044427288	0.644387365	1
T2DM	macrophage	<i>SURF6</i>	-0.006917374	0.014052184	0.644387365	1
T2DM	macrophage	<i>SYTI5</i>	-0.025982234	0.015866698	0.644387365	1
T2DM	macrophage	<i>TAP2</i>	-0.004744068	0.041425292	0.644387365	1
T2DM	macrophage	<i>TCTE1</i>	-0.061157334	0.036595864	0.644387365	1
T2DM	macrophage	<i>TCTEX1D2</i>	-0.010493209	0.049070977	0.644387365	1
T2DM	macrophage	<i>TDGF1</i>	-0.055209765	0.033354067	0.644387365	1
T2DM	macrophage	<i>TECTB</i>	-0.012065506	0.037055209	0.644387365	1
T2DM	macrophage	<i>TEX14</i>	-0.009893597	0.016988194	0.644387365	1
T2DM	macrophage	<i>TFR2</i>	-0.008501357	0.003969192	0.644387365	1
T2DM	macrophage	<i>TGM2</i>	-0.001969999	0.047169202	0.644387365	1
T2DM	macrophage	<i>THUMPD3</i>	-0.003687238	0.030416834	0.644387365	1
T2DM	macrophage	<i>TLE6</i>	-0.0480381	0.023575692	0.644387365	1
T2DM	macrophage	<i>TMC4</i>	-0.00745743	0.024897382	0.644387365	1
T2DM	macrophage	<i>TMEM132E</i>	-0.013740899	0.049318456	0.644387365	1
T2DM	macrophage	<i>TMEM69</i>	-0.004817758	0.02389394	0.644387365	1
T2DM	macrophage	<i>TNNI3K</i>	-0.053020782	0.036049493	0.644387365	1
T2DM	macrophage	<i>TOP3B</i>	-0.00620811	0.047069397	0.644387365	1
T2DM	macrophage	<i>TRIM69</i>	-0.005986322	0.035430156	0.644387365	1
T2DM	macrophage	<i>TRPM4</i>	-0.007616397	0.021856133	0.644387365	1
T2DM	macrophage	<i>TTLL11</i>	-0.00266908	0.040772144	0.644387365	1
T2DM	macrophage	<i>TUBB2B</i>	-0.050758077	0.043273637	0.644387365	1
T2DM	macrophage	<i>USP6</i>	-0.022076292	0.021073654	0.644387365	1
T2DM	macrophage	<i>VPS11</i>	-0.006889579	0.032409225	0.644387365	1
T2DM	macrophage	<i>VSIG2</i>	-0.012727869	0.027295961	0.644387365	1
T2DM	macrophage	<i>WARS2</i>	-0.003808583	0.047131698	0.644387365	1
T2DM	macrophage	<i>WNT6</i>	-0.007211174	0.028811874	0.644387365	1
T2DM	macrophage	<i>WT1</i>	-0.001409537	0.034051852	0.644387365	1
T2DM	macrophage	<i>ZDHHC11</i>	-0.011689361	0.047761679	0.644387365	1
T2DM	macrophage	<i>ZNF124</i>	-0.003481179	0.022031532	0.644387365	1
T2DM	macrophage	<i>ZNF181</i>	-0.007939238	0.041910573	0.644387365	1
T2DM	macrophage	<i>ZNF229</i>	-0.057741503	0.003525188	0.644387365	1

T2DM	macrophage	<i>ZNF232</i>	-0.015244097	0.019962429	0.644387365	1
T2DM	macrophage	<i>ZNF311</i>	-0.021991171	0.023921172	0.644387365	1
T2DM	macrophage	<i>ZNF429</i>	-0.003413308	0.037206388	0.644387365	1
T2DM	macrophage	<i>ZNF471</i>	-0.00456993	0.038821217	0.644387365	1
T2DM	macrophage	<i>ZNF493</i>	-0.003339718	0.024839157	0.644387365	1
T2DM	macrophage	<i>ZNF586</i>	-0.001809834	0.028624577	0.644387365	1
T2DM	macrophage	<i>ZNF713</i>	-0.041162808	0.018063432	0.644387365	1
T2DM	macrophage	<i>ZNF749</i>	-0.010255579	0.038470397	0.644387365	1
T2DM	macrophage	<i>ZSCAN31</i>	-0.004919067	0.039292731	0.644387365	1
T2DM	macrophage	<i>ZSWIM1</i>	-0.033746944	0.019323539	0.644387365	1
T2DM	macrophage	<i>DNAH10OS</i>	-0.038800827	0.005765727	0.644387365	1
T2DM	macrophage	<i>FAM166A</i>	-0.064742833	0.0339781	0.644387365	1
T2DM	macrophage	<i>ZFP57</i>	-0.067546834	0.010556611	0.644387365	1
T2DM	macrophage	<i>SERPINA3</i>	-0.004640941	0.005145625	0.644387365	1
T2DM	macrophage	<i>DGCR6</i>	-0.078841033	0.006661629	0.644387365	1
T2DM	macrophage	<i>VGLL2</i>	-0.006694996	0.018019934	0.644387365	1
T2DM	macrophage	<i>GPR12</i>	-0.048353633	0.016744303	0.644387365	1
T2DM	macrophage	<i>NPIA7</i>	-0.049952542	0.033623662	0.644387365	1
T2DM	macrophage	<i>FOXI2</i>	-0.063787284	0.012775405	0.644387365	1
T2DM	macrophage	<i>GPR3</i>	-0.002799114	0.039163357	0.644387365	1
T2DM	macrophage	<i>CCNO</i>	-0.048965097	0.043410953	0.644387365	1
T2DM	macrophage	<i>CCNA1</i>	-0.062616694	0.048672969	0.644387365	1
T2DM	macrophage	<i>AC021860.1</i>	-0.002982506	0.02102663	0.644387365	1
T2DM	macrophage	<i>TBC1D3</i>	-0.006767937	0.03583032	0.644387365	1
T2DM	macrophage	<i>PDE6H</i>	-0.087406942	0.030361171	0.644387365	1
T2DM	macrophage	<i>SYT5</i>	-0.087413542	0.03624063	0.644387365	1
T2DM	macrophage	<i>KIR2DL1</i>	-0.004906715	0.024389325	0.644387365	1
T2DM	macrophage	<i>HIST2H2AA4</i>	-0.003250207	0.042749595	0.644387365	1
T2DM	mast_cell	<i>A3GALT2</i>	-0.012279892	0.024280838	0.932368525	1
T2DM	mast_cell	<i>AC022498.1</i>	0.034394948	0.005377678	0.932368525	1
T2DM	mast_cell	<i>AC093668.2</i>	-0.015450766	0.005301288	0.932368525	1
T2DM	mast_cell	<i>AC131971.1</i>	-0.042427485	0.006644427	0.932368525	1
T2DM	mast_cell	<i>ACSS3</i>	-0.001587419	0.02815166	0.932368525	1
T2DM	mast_cell	<i>AGT</i>	-0.020422982	0.023880548	0.932368525	1
T2DM	mast_cell	<i>ARHGAP28</i>	-0.00261452	0.023506349	0.932368525	1
T2DM	mast_cell	<i>ARNT2</i>	-0.003237587	0.030466546	0.932368525	1
T2DM	mast_cell	<i>ATP5C1</i>	-0.001561141	0.048536188	0.932368525	1
T2DM	mast_cell	<i>BDH2</i>	-0.004109229	0.037838249	0.932368525	1
T2DM	mast_cell	<i>BTNL3</i>	-0.035395654	0.028457972	0.932368525	1
T2DM	mast_cell	<i>C17orf107</i>	0.041650082	0.018552542	0.932368525	1
T2DM	mast_cell	<i>C6orf141</i>	0.002793559	0.041432806	0.932368525	1
T2DM	mast_cell	<i>CCDC112</i>	-0.002459953	0.037214118	0.932368525	1
T2DM	mast_cell	<i>CCDC124</i>	-0.008390108	0.040799451	0.932368525	1
T2DM	mast_cell	<i>CCDC154</i>	-0.006120314	0.047815067	0.932368525	1
T2DM	mast_cell	<i>CENPO</i>	-0.00618655	0.012964141	0.932368525	1
T2DM	mast_cell	<i>CLDN16</i>	-0.011867206	0.025640532	0.932368525	1
T2DM	mast_cell	<i>CNGB3</i>	-0.00456382	0.04903755	0.932368525	1
T2DM	mast_cell	<i>CNTN4</i>	-0.001048907	0.035702138	0.932368525	1
T2DM	mast_cell	<i>COA7</i>	-0.006705603	0.013085045	0.932368525	1
T2DM	mast_cell	<i>COL27A1</i>	-0.00437063	0.023857021	0.932368525	1
T2DM	mast_cell	<i>COX4I2</i>	-0.007088224	0.027371913	0.932368525	1
T2DM	mast_cell	<i>CPS1</i>	-0.011419985	0.009313542	0.932368525	1

T2DM	mast_cell	<i>CRTAP</i>	-0.005095565	0.001648084	0.932368525	1
T2DM	mast_cell	<i>CYP4A11</i>	-0.033507154	0.003754916	0.932368525	1
T2DM	mast_cell	<i>DAAM2</i>	-0.001653852	0.018724568	0.932368525	1
T2DM	mast_cell	<i>DBNDD2</i>	-0.020998176	0.014503499	0.932368525	1
T2DM	mast_cell	<i>DCLK3</i>	-0.071585526	0.025248776	0.932368525	1
T2DM	mast_cell	<i>ENPP1</i>	-0.004281038	0.038738426	0.932368525	1
T2DM	mast_cell	<i>EPS8</i>	-0.000838094	0.025965033	0.932368525	1
T2DM	mast_cell	<i>ERMARD</i>	-0.003446593	0.004241766	0.932368525	1
T2DM	mast_cell	<i>EYA1</i>	0.004629509	0.042384404	0.932368525	1
T2DM	mast_cell	<i>FAM228A</i>	-0.040680338	0.028283464	0.932368525	1
T2DM	mast_cell	<i>FANCF</i>	-0.008382457	0.043993587	0.932368525	1
T2DM	mast_cell	<i>FBXO2</i>	-0.023413182	0.042870788	0.932368525	1
T2DM	mast_cell	<i>FGGY</i>	0.001852555	0.017172879	0.932368525	1
T2DM	mast_cell	<i>FSTL4</i>	-0.022753801	0.009704433	0.932368525	1
T2DM	mast_cell	<i>GJA4</i>	-0.007274649	0.033093324	0.932368525	1
T2DM	mast_cell	<i>GNRHR</i>	-0.007434487	0.041300856	0.932368525	1
T2DM	mast_cell	<i>GOLM1</i>	-0.006558244	0.007680731	0.932368525	1
T2DM	mast_cell	<i>GRIK2</i>	-0.005707541	0.03351628	0.932368525	1
T2DM	mast_cell	<i>IFT80</i>	-0.002342521	0.023736429	0.932368525	1
T2DM	mast_cell	<i>IL17RB</i>	-0.010806165	0.025266676	0.932368525	1
T2DM	mast_cell	<i>ITIH4</i>	-0.020144482	0.007537828	0.932368525	1
T2DM	mast_cell	<i>KLHL30</i>	-0.015637566	0.017374616	0.932368525	1
T2DM	mast_cell	<i>KLK7</i>	-0.008719462	0.020888294	0.932368525	1
T2DM	mast_cell	<i>LAMC3</i>	-0.003990011	0.03483713	0.932368525	1
T2DM	mast_cell	<i>LY6G5C</i>	-0.040290793	0.044936196	0.932368525	1
T2DM	mast_cell	<i>MCM10</i>	-0.029882683	0.026109769	0.932368525	1
T2DM	mast_cell	<i>MED25</i>	-0.005091068	0.017409768	0.932368525	1
T2DM	mast_cell	<i>MFGE8</i>	-0.003246701	0.041400558	0.932368525	1
T2DM	mast_cell	<i>MGAT3</i>	-0.015187612	0.024658423	0.932368525	1
T2DM	mast_cell	<i>MGAT4C</i>	0.003028048	0.042552282	0.932368525	1
T2DM	mast_cell	<i>MORN4</i>	-0.008188478	0.018108292	0.932368525	1
T2DM	mast_cell	<i>NAA11</i>	0.003724767	0.036600833	0.932368525	1
T2DM	mast_cell	<i>NDST1</i>	-0.003634014	0.044693756	0.932368525	1
T2DM	mast_cell	<i>NDUF4F4</i>	-0.005459645	0.011448297	0.932368525	1
T2DM	mast_cell	<i>NRM</i>	0.020027091	0.013947989	0.932368525	1
T2DM	mast_cell	<i>NUBP1</i>	-0.005077657	0.027750859	0.932368525	1
T2DM	mast_cell	<i>OCIAD1</i>	-0.001838759	0.021313716	0.932368525	1
T2DM	mast_cell	<i>OGFOD3</i>	-0.004724465	0.012291339	0.932368525	1
T2DM	mast_cell	<i>OLFM2</i>	-0.00778718	0.027594781	0.932368525	1
T2DM	mast_cell	<i>PARP6</i>	-0.002250783	0.014632651	0.932368525	1
T2DM	mast_cell	<i>PCDHA10</i>	-0.025568468	0.018058739	0.932368525	1
T2DM	mast_cell	<i>PDZD2</i>	-0.000733218	0.044780125	0.932368525	1
T2DM	mast_cell	<i>PLA2G10</i>	0.012799242	0.02976799	0.932368525	1
T2DM	mast_cell	<i>PLEKHH2</i>	-0.00106257	0.036071743	0.932368525	1
T2DM	mast_cell	<i>PLOD1</i>	-0.009999395	0.041634599	0.932368525	1
T2DM	mast_cell	<i>PMEL</i>	-0.008767843	0.044197098	0.932368525	1
T2DM	mast_cell	<i>POMGNT1</i>	-0.008708356	0.01062958	0.932368525	1
T2DM	mast_cell	<i>PRDM8</i>	0.010266789	0.028650169	0.932368525	1
T2DM	mast_cell	<i>PRR5L</i>	0.002678411	0.040571897	0.932368525	1
T2DM	mast_cell	<i>PTH1R</i>	-0.003977704	0.039157456	0.932368525	1
T2DM	mast_cell	<i>PTPN13</i>	-0.001479726	0.019157632	0.932368525	1
T2DM	mast_cell	<i>PWRNI</i>	-0.005174081	0.028233033	0.932368525	1

T2DM	mast_cell	<i>PYROXD2</i>	-0.004433652	0.034955019	0.932368525	1
T2DM	mast_cell	<i>RFT1</i>	0.004207848	0.014699275	0.932368525	1
T2DM	mast_cell	<i>RHCE</i>	0.018280832	0.035348382	0.932368525	1
T2DM	mast_cell	<i>RPA1</i>	-0.00297091	0.03903544	0.932368525	1
T2DM	mast_cell	<i>RPS6KB2</i>	-0.005784885	0.016086399	0.932368525	1
T2DM	mast_cell	<i>SAP18</i>	0.003850697	0.018312905	0.932368525	1
T2DM	mast_cell	<i>SCGN</i>	-0.048432539	0.022629644	0.932368525	1
T2DM	mast_cell	<i>SCN2B</i>	-0.02345439	0.02510615	0.932368525	1
T2DM	mast_cell	<i>SDSL</i>	0.009184296	0.021768845	0.932368525	1
T2DM	mast_cell	<i>SFTA1P</i>	-0.054363182	0.048879482	0.932368525	1
T2DM	mast_cell	<i>SLC39A4</i>	-0.018999775	0.03777944	0.932368525	1
T2DM	mast_cell	<i>SMIM6</i>	-0.062004384	0.032074744	0.932368525	1
T2DM	mast_cell	<i>SNHG18</i>	-0.007626787	0.022521591	0.932368525	1
T2DM	mast_cell	<i>SNHG9</i>	-0.005846524	0.017068591	0.932368525	1
T2DM	mast_cell	<i>SPARCL1</i>	-0.000471548	0.038182466	0.932368525	1
T2DM	mast_cell	<i>ST6GALNAC2</i>	-0.009951954	0.045051634	0.932368525	1
T2DM	mast_cell	<i>STEAP2</i>	-0.003727872	0.047270762	0.932368525	1
T2DM	mast_cell	<i>STON1</i>	-0.00584905	0.037321618	0.932368525	1
T2DM	mast_cell	<i>STON1-GTF2A1L</i>	-0.011077142	0.007871062	0.932368525	1
T2DM	mast_cell	<i>SUSD2</i>	0.010875714	0.031693912	0.932368525	1
T2DM	mast_cell	<i>TCTE3</i>	-0.004722654	0.001756165	0.932368525	1
T2DM	mast_cell	<i>TCTEX1D2</i>	-0.01460143	0.006008482	0.932368525	1
T2DM	mast_cell	<i>TEPP</i>	-0.034725468	0.046991285	0.932368525	1
T2DM	mast_cell	<i>TEX14</i>	-0.008428505	0.040910128	0.932368525	1
T2DM	mast_cell	<i>THOC5</i>	-0.007720816	0.026653631	0.932368525	1
T2DM	mast_cell	<i>TMEM110</i>	-0.018843311	0.000280213	0.932368525	1
T2DM	mast_cell	<i>TMEM129</i>	-0.005146521	0.03959772	0.932368525	1
T2DM	mast_cell	<i>TMEM45A</i>	-0.003657999	0.033300529	0.932368525	1
T2DM	mast_cell	<i>TMEM8B</i>	-0.0043575	0.028568215	0.932368525	1
T2DM	mast_cell	<i>TRPV3</i>	-0.02809214	0.046582483	0.932368525	1
T2DM	mast_cell	<i>TTLL6</i>	-0.013773327	0.03229508	0.932368525	1
T2DM	mast_cell	<i>TYW3</i>	-0.00657104	0.014754798	0.932368525	1
T2DM	mast_cell	<i>UQCRH</i>	-0.003052238	0.025798745	0.932368525	1
T2DM	mast_cell	<i>USP53</i>	-0.001521145	0.023231245	0.932368525	1
T2DM	mast_cell	<i>WRAP73</i>	-0.006065369	0.029554118	0.932368525	1
T2DM	mast_cell	<i>ZDHHC4</i>	-0.006792647	0.009591263	0.932368525	1
T2DM	mast_cell	<i>ZFPM1</i>	-0.007026574	0.016977534	0.932368525	1
T2DM	mast_cell	<i>ZFYVE19</i>	-0.009700842	0.002402136	0.932368525	1
T2DM	mast_cell	<i>ZNF239</i>	-0.037314832	0.011673906	0.932368525	1
T2DM	mast_cell	<i>ZNF391</i>	-0.010244892	0.03191357	0.932368525	1
T2DM	mast_cell	<i>ZNF493</i>	-0.003060117	0.039543621	0.932368525	1
T2DM	mast_cell	<i>ZNF98</i>	-0.00430083	0.04102035	0.932368525	1
T2DM	mast_cell	<i>SIGLEC5</i>	-0.003818522	0.019261247	0.932368525	1
T2DM	mast_cell	<i>TBC1D3</i>	-0.006645509	0.038464194	0.932368525	1
T2DM	mast_cell	<i>HIST2H2AA4</i>	-0.004897267	0.002115353	0.932368525	1
T2DM	mesothelium	<i>AC026740.1</i>	-0.063139912	0.017513727	0.682461721	1
T2DM	mesothelium	<i>ACSM4</i>	-0.008616002	0.033810308	0.682461721	1
T2DM	mesothelium	<i>ACSS3</i>	-0.001644962	0.022956905	0.682461721	1
T2DM	mesothelium	<i>ADAMTS2</i>	-0.002732758	0.022456158	0.682461721	1
T2DM	mesothelium	<i>ALAD</i>	-0.006113347	0.020046277	0.682461721	1
T2DM	mesothelium	<i>ANGPTL5</i>	-0.02337973	0.015979367	0.682461721	1
T2DM	mesothelium	<i>ANXA8L1</i>	-0.002273817	0.047907536	0.682461721	1

T2DM	mesothelium	<i>AP000347.2</i>	-0.01517524	0.025904731	0.682461721	1
T2DM	mesothelium	<i>AP001007.1</i>	-0.013041791	0.043755736	0.682461721	1
T2DM	mesothelium	<i>ARHGAP28</i>	-0.002280164	0.048428022	0.682461721	1
T2DM	mesothelium	<i>ARHGEF18</i>	-0.023811615	0.03746036	0.682461721	1
T2DM	mesothelium	<i>ARHGEF35</i>	-0.060712579	0.019433303	0.682461721	1
T2DM	mesothelium	<i>ARMS2</i>	-0.05544928	0.041610802	0.682461721	1
T2DM	mesothelium	<i>ARNT2</i>	-0.003048959	0.041648455	0.682461721	1
T2DM	mesothelium	<i>ATP5C1</i>	-0.001870937	0.018089231	0.682461721	1
T2DM	mesothelium	<i>ATP5H</i>	-0.003473813	0.012360583	0.682461721	1
T2DM	mesothelium	<i>ATP6AP1L</i>	-0.003190656	0.042454208	0.682461721	1
T2DM	mesothelium	<i>ATRNLI</i>	-0.002012263	0.032587673	0.682461721	1
T2DM	mesothelium	<i>BCL7B</i>	-0.004639598	0.043555938	0.682461721	1
T2DM	mesothelium	<i>BEND6</i>	-0.010339225	0.048501876	0.682461721	1
T2DM	mesothelium	<i>BMPR1B</i>	-0.004974392	0.026133425	0.682461721	1
T2DM	mesothelium	<i>BTNL3</i>	-0.036442336	0.02380146	0.682461721	1
T2DM	mesothelium	<i>C12orf43</i>	-0.013722871	0.041936892	0.682461721	1
T2DM	mesothelium	<i>C14orf79</i>	-0.00772209	0.032960312	0.682461721	1
T2DM	mesothelium	<i>C19orf54</i>	-0.012239956	0.026809988	0.682461721	1
T2DM	mesothelium	<i>C1QTNF4</i>	-0.033967685	0.028720794	0.682461721	1
T2DM	mesothelium	<i>C20orf96</i>	-0.007823786	0.028552482	0.682461721	1
T2DM	mesothelium	<i>C6orf141</i>	0.002743249	0.045227005	0.682461721	1
T2DM	mesothelium	<i>C6orf201</i>	-0.010603522	0.036580489	0.682461721	1
T2DM	mesothelium	<i>CAMK2N1</i>	-0.016091108	0.045652621	0.682461721	1
T2DM	mesothelium	<i>CAPN3</i>	0.016320717	0.004800019	0.682461721	1
T2DM	mesothelium	<i>CATSPERB</i>	0.002982972	0.020565672	0.682461721	1
T2DM	mesothelium	<i>CCDC171</i>	-0.003324191	0.024034482	0.682461721	1
T2DM	mesothelium	<i>CCDC74A</i>	-0.10586832	0.0272802	0.682461721	1
T2DM	mesothelium	<i>CCDC86</i>	-0.009151326	0.026530761	0.682461721	1
T2DM	mesothelium	<i>CDH2</i>	-0.006598837	0.041256425	0.682461721	1
T2DM	mesothelium	<i>CDKN2AIPNL</i>	-0.010347132	0.042359404	0.682461721	1
T2DM	mesothelium	<i>CENPN</i>	0.014910946	0.04003225	0.682461721	1
T2DM	mesothelium	<i>CEP85</i>	-0.008158235	0.027358694	0.682461721	1
T2DM	mesothelium	<i>CERS5</i>	-0.002446947	0.032858105	0.682461721	1
T2DM	mesothelium	<i>CHAF1A</i>	-0.005628936	0.019979094	0.682461721	1
T2DM	mesothelium	<i>CHPF2</i>	-0.012892235	0.004348462	0.682461721	1
T2DM	mesothelium	<i>CLDN7</i>	-0.007920022	0.030205828	0.682461721	1
T2DM	mesothelium	<i>CLEC12B</i>	-0.011663104	0.034050578	0.682461721	1
T2DM	mesothelium	<i>CLEC1B</i>	-0.009639312	0.034375259	0.682461721	1
T2DM	mesothelium	<i>CLUL1</i>	-0.03825455	0.026904138	0.682461721	1
T2DM	mesothelium	<i>CMBL</i>	-0.009472201	0.005494654	0.682461721	1
T2DM	mesothelium	<i>COL27A1</i>	-0.004354094	0.02433488	0.682461721	1
T2DM	mesothelium	<i>CPS1</i>	-0.008791209	0.045487099	0.682461721	1
T2DM	mesothelium	<i>CPSF2</i>	-0.00409721	0.019334893	0.682461721	1
T2DM	mesothelium	<i>CTSF</i>	-0.006354586	0.024825452	0.682461721	1
T2DM	mesothelium	<i>CYP11A1</i>	-0.038024921	0.019033452	0.682461721	1
T2DM	mesothelium	<i>CYP4F12</i>	-0.011071141	0.036319424	0.682461721	1
T2DM	mesothelium	<i>DBNDD2</i>	-0.020158422	0.018317339	0.682461721	1
T2DM	mesothelium	<i>DCT</i>	-0.007250885	0.047618219	0.682461721	1
T2DM	mesothelium	<i>DDO</i>	-0.019430815	0.0357043	0.682461721	1
T2DM	mesothelium	<i>DDX25</i>	-0.01093623	0.04807598	0.682461721	1
T2DM	mesothelium	<i>DIAPH3</i>	-0.004991722	0.046790753	0.682461721	1
T2DM	mesothelium	<i>DISP2</i>	-0.016938304	0.026557398	0.682461721	1

T2DM	mesothelium	<i>DLEC1</i>	-0.004485628	0.037864831	0.682461721	1
T2DM	mesothelium	<i>DMKN</i>	-0.004624126	0.009422362	0.682461721	1
T2DM	mesothelium	<i>DNAJC12</i>	-0.009342537	0.047995747	0.682461721	1
T2DM	mesothelium	<i>DYNC2L1I</i>	-0.00201007	0.046853474	0.682461721	1
T2DM	mesothelium	<i>EAF1</i>	-0.006640995	0.046383982	0.682461721	1
T2DM	mesothelium	<i>EBPL</i>	-0.004046311	0.013383643	0.682461721	1
T2DM	mesothelium	<i>ECI2</i>	-0.003015801	0.039015949	0.682461721	1
T2DM	mesothelium	<i>EIF3B</i>	-0.002505188	0.035542348	0.682461721	1
T2DM	mesothelium	<i>EPS8</i>	-0.000787606	0.036472632	0.682461721	1
T2DM	mesothelium	<i>ERBB2</i>	-0.005907813	0.00618841	0.682461721	1
T2DM	mesothelium	<i>EVA1B</i>	-0.007695586	0.036109442	0.682461721	1
T2DM	mesothelium	<i>EYA1</i>	0.005087299	0.025690396	0.682461721	1
T2DM	mesothelium	<i>FAHD2B</i>	-0.008178268	0.043258967	0.682461721	1
T2DM	mesothelium	<i>FAM181B</i>	-0.030266674	0.0394846	0.682461721	1
T2DM	mesothelium	<i>FAM227A</i>	-0.015512441	0.043941192	0.682461721	1
T2DM	mesothelium	<i>FAM86C1</i>	-0.015749523	0.041130497	0.682461721	1
T2DM	mesothelium	<i>FGGY</i>	-0.001575625	0.042012985	0.682461721	1
T2DM	mesothelium	<i>FIGLA</i>	-0.017597537	0.008874377	0.682461721	1
T2DM	mesothelium	<i>FN3KRP</i>	-0.007858462	0.003642711	0.682461721	1
T2DM	mesothelium	<i>FOXRED2</i>	-0.00902013	0.039647531	0.682461721	1
T2DM	mesothelium	<i>FZD9</i>	-0.06299849	0.033582626	0.682461721	1
T2DM	mesothelium	<i>GBA</i>	-0.007339546	0.014889105	0.682461721	1
T2DM	mesothelium	<i>GCFC2</i>	-0.001483145	0.037622532	0.682461721	1
T2DM	mesothelium	<i>GGPS1</i>	-0.003166819	0.006614913	0.682461721	1
T2DM	mesothelium	<i>GJA4</i>	-0.008140424	0.017081427	0.682461721	1
T2DM	mesothelium	<i>GMPPB</i>	-0.015008062	0.026131705	0.682461721	1
T2DM	mesothelium	<i>GOLGA8H</i>	-0.014035118	0.026284114	0.682461721	1
T2DM	mesothelium	<i>GOLGA8K</i>	-0.064432725	0.013019179	0.682461721	1
T2DM	mesothelium	<i>GOLGA8R</i>	-0.053757552	0.027010475	0.682461721	1
T2DM	mesothelium	<i>GOLM1</i>	-0.005782929	0.018678473	0.682461721	1
T2DM	mesothelium	<i>GPR156</i>	-0.008279556	0.039780052	0.682461721	1
T2DM	mesothelium	<i>GRIK2</i>	-0.005956675	0.026296932	0.682461721	1
T2DM	mesothelium	<i>GXYLT2</i>	-0.002084203	0.019059471	0.682461721	1
T2DM	mesothelium	<i>HAVCR1</i>	-0.012194578	0.033337054	0.682461721	1
T2DM	mesothelium	<i>HBA1</i>	-0.010713958	0.045949941	0.682461721	1
T2DM	mesothelium	<i>HHIPL1</i>	-0.009608857	0.016716159	0.682461721	1
T2DM	mesothelium	<i>HINFP</i>	-0.007693861	0.008599436	0.682461721	1
T2DM	mesothelium	<i>HMBS</i>	-0.013731323	0.01898985	0.682461721	1
T2DM	mesothelium	<i>HSD17B13</i>	-0.037998087	0.021232109	0.682461721	1
T2DM	mesothelium	<i>HSPA12A</i>	-0.003037502	0.008772575	0.682461721	1
T2DM	mesothelium	<i>HTR1F</i>	-0.022357584	0.039325048	0.682461721	1
T2DM	mesothelium	<i>IDUA</i>	-0.005329843	0.040374955	0.682461721	1
T2DM	mesothelium	<i>IGFBP2</i>	-0.006326035	0.016804981	0.682461721	1
T2DM	mesothelium	<i>IGSF11</i>	-0.007329832	0.042355728	0.682461721	1
T2DM	mesothelium	<i>IL17RB</i>	-0.014424156	0.002766308	0.682461721	1
T2DM	mesothelium	<i>IMPDH2</i>	-0.006040722	0.008710199	0.682461721	1
T2DM	mesothelium	<i>IQCH-AS1</i>	-0.002486089	0.01329045	0.682461721	1
T2DM	mesothelium	<i>IQSEC3</i>	-0.015118292	0.020140776	0.682461721	1
T2DM	mesothelium	<i>IZUMO1</i>	-0.059565039	0.040947639	0.682461721	1
T2DM	mesothelium	<i>KCNC3</i>	-0.006254048	0.037910648	0.682461721	1
T2DM	mesothelium	<i>KCNN3</i>	0.003514	0.032695423	0.682461721	1
T2DM	mesothelium	<i>KDEL3</i>	-0.007761115	0.033389386	0.682461721	1

T2DM	mesothelium	<i>KLHL17</i>	-0.010978048	0.041809905	0.682461721	1
T2DM	mesothelium	<i>KLK10</i>	-0.00851264	0.017250103	0.682461721	1
T2DM	mesothelium	<i>KLK5</i>	-0.020275261	0.013508037	0.682461721	1
T2DM	mesothelium	<i>LAMC2</i>	-0.008518485	0.045900978	0.682461721	1
T2DM	mesothelium	<i>LCLAT1</i>	-0.001781532	0.036843573	0.682461721	1
T2DM	mesothelium	<i>LDLRAD2</i>	-0.015897402	0.018370928	0.682461721	1
T2DM	mesothelium	<i>LIN7B</i>	-0.005328842	0.042679483	0.682461721	1
T2DM	mesothelium	<i>LINC00211</i>	-0.008475463	0.04108106	0.682461721	1
T2DM	mesothelium	<i>LINC00571</i>	-0.007844053	0.03472284	0.682461721	1
T2DM	mesothelium	<i>LINC00578</i>	-0.016349851	0.038121847	0.682461721	1
T2DM	mesothelium	<i>LINC00663</i>	-0.009077158	0.027668178	0.682461721	1
T2DM	mesothelium	<i>LINC00664</i>	-0.03007644	0.044059001	0.682461721	1
T2DM	mesothelium	<i>LINC00941</i>	-0.06268345	0.009744437	0.682461721	1
T2DM	mesothelium	<i>LINC00989</i>	-0.001278749	0.029504002	0.682461721	1
T2DM	mesothelium	<i>LINC01139</i>	-0.018589582	0.006730737	0.682461721	1
T2DM	mesothelium	<i>LRWD1</i>	-0.028939388	0.026396634	0.682461721	1
T2DM	mesothelium	<i>MFAP2</i>	-0.076457024	0.008727559	0.682461721	1
T2DM	mesothelium	<i>MFAP3L</i>	-0.016515177	0.007872999	0.682461721	1
T2DM	mesothelium	<i>MGAT3</i>	-0.016275764	0.016194067	0.682461721	1
T2DM	mesothelium	<i>MLST8</i>	-0.012147833	0.049787524	0.682461721	1
T2DM	mesothelium	<i>MOCOS</i>	-0.017008772	0.030139306	0.682461721	1
T2DM	mesothelium	<i>MOV10</i>	-0.004340645	0.003865893	0.682461721	1
T2DM	mesothelium	<i>MRPL20</i>	0.002972002	0.011032369	0.682461721	1
T2DM	mesothelium	<i>MRPL21</i>	-0.004680589	0.047680576	0.682461721	1
T2DM	mesothelium	<i>MRPL34</i>	-0.010150502	0.004050639	0.682461721	1
T2DM	mesothelium	<i>MRPL46</i>	-0.006756446	0.042235507	0.682461721	1
T2DM	mesothelium	<i>MRPL54</i>	-0.005324657	0.026947299	0.682461721	1
T2DM	mesothelium	<i>MRPS26</i>	-0.005258045	0.033208394	0.682461721	1
T2DM	mesothelium	<i>MST1</i>	-0.004907109	0.044349744	0.682461721	1
T2DM	mesothelium	<i>MUC20</i>	-0.030781941	0.000216711	0.669780122	1
T2DM	mesothelium	<i>MYL5</i>	-0.012124945	0.030625831	0.682461721	1
T2DM	mesothelium	<i>NAGA</i>	-0.004639266	0.045370652	0.682461721	1
T2DM	mesothelium	<i>NDUFB1</i>	-0.004539789	0.001973338	0.682461721	1
T2DM	mesothelium	<i>NEU4</i>	-0.047934263	0.037117702	0.682461721	1
T2DM	mesothelium	<i>NMB</i>	-0.008322067	0.008244971	0.682461721	1
T2DM	mesothelium	<i>NME1-NME2</i>	-0.062861657	0.029851611	0.682461721	1
T2DM	mesothelium	<i>NOV</i>	-0.007807238	0.034526887	0.682461721	1
T2DM	mesothelium	<i>NPIP3</i>	-0.012627184	0.045264998	0.682461721	1
T2DM	mesothelium	<i>NT5C3B</i>	-0.009022376	0.000763469	0.682461721	1
T2DM	mesothelium	<i>NT5DC3</i>	-0.002989303	0.044256252	0.682461721	1
T2DM	mesothelium	<i>NTPCR</i>	-0.002859581	0.006462999	0.682461721	1
T2DM	mesothelium	<i>NUDT18</i>	-0.022897416	0.011193377	0.682461721	1
T2DM	mesothelium	<i>NXNL1</i>	-0.046382546	0.013465052	0.682461721	1
T2DM	mesothelium	<i>OGFOD3</i>	-0.004785027	0.011271039	0.682461721	1
T2DM	mesothelium	<i>OMA1</i>	-0.007018621	0.012424737	0.682461721	1
T2DM	mesothelium	<i>OR2A42</i>	-0.048508206	0.042301941	0.682461721	1
T2DM	mesothelium	<i>PAOX</i>	0.00733652	0.014767291	0.682461721	1
T2DM	mesothelium	<i>PCDHA7</i>	-0.131952841	0.004799555	0.682461721	1
T2DM	mesothelium	<i>PCDHB12</i>	-0.029422961	0.008810038	0.682461721	1
T2DM	mesothelium	<i>PCDHB2</i>	-0.033760929	0.026756118	0.682461721	1
T2DM	mesothelium	<i>PCDHGB6</i>	-0.020750997	0.017440224	0.682461721	1
T2DM	mesothelium	<i>PDCDILG2</i>	-0.004714745	0.012618044	0.682461721	1

T2DM	mesothelium	<i>PDZD2</i>	-0.000889168	0.014909374	0.682461721	1
T2DM	mesothelium	<i>PEX11G</i>	-0.008369474	0.049927024	0.682461721	1
T2DM	mesothelium	<i>PIF1</i>	-0.021950833	0.026589402	0.682461721	1
T2DM	mesothelium	<i>PIGP</i>	-0.002632011	0.043101513	0.682461721	1
T2DM	mesothelium	<i>PIGV</i>	-0.005996678	0.047399692	0.682461721	1
T2DM	mesothelium	<i>PLEKHH2</i>	-0.000998383	0.049220407	0.682461721	1
T2DM	mesothelium	<i>PMS1</i>	0.001706164	0.024686136	0.682461721	1
T2DM	mesothelium	<i>PNMT</i>	-0.043380587	0.029126462	0.682461721	1
T2DM	mesothelium	<i>POLE4</i>	-0.003513168	0.028774048	0.682461721	1
T2DM	mesothelium	<i>POLR1E</i>	-0.010536122	0.033208743	0.682461721	1
T2DM	mesothelium	<i>POMT2</i>	-0.007292457	0.020111804	0.682461721	1
T2DM	mesothelium	<i>PPP4R4</i>	-0.017980559	0.048400661	0.682461721	1
T2DM	mesothelium	<i>PRCD</i>	-0.008640538	0.033767993	0.682461721	1
T2DM	mesothelium	<i>PRDM6</i>	-0.00580613	0.022379565	0.682461721	1
T2DM	mesothelium	<i>PRPH2</i>	-0.006257364	0.012586458	0.682461721	1
T2DM	mesothelium	<i>PRTFDC1</i>	-0.006184856	0.025925311	0.682461721	1
T2DM	mesothelium	<i>PSORS1C1</i>	-0.010052201	0.023055884	0.682461721	1
T2DM	mesothelium	<i>PTPN13</i>	-0.001373639	0.029669826	0.682461721	1
T2DM	mesothelium	<i>RAB5C</i>	-0.005231109	0.04418759	0.682461721	1
T2DM	mesothelium	<i>RFT1</i>	-0.003894492	0.023804904	0.682461721	1
T2DM	mesothelium	<i>RGS11</i>	-0.013195586	0.010868047	0.682461721	1
T2DM	mesothelium	<i>RNLS</i>	-0.001740055	0.035573202	0.682461721	1
T2DM	mesothelium	<i>RP1L1</i>	-0.021416353	0.021829181	0.682461721	1
T2DM	mesothelium	<i>RWDD2B</i>	-0.008998148	0.009342248	0.682461721	1
T2DM	mesothelium	<i>SI00B</i>	-0.003797414	0.009227153	0.682461721	1
T2DM	mesothelium	<i>SAMD13</i>	-0.00721542	0.044845312	0.682461721	1
T2DM	mesothelium	<i>SBNO2</i>	-0.003280952	0.016247987	0.682461721	1
T2DM	mesothelium	<i>SCGN</i>	-0.05003298	0.01839421	0.682461721	1
T2DM	mesothelium	<i>SERF1B</i>	-0.067243757	0.033733073	0.682461721	1
T2DM	mesothelium	<i>SETD1A</i>	-0.006684034	0.027775904	0.682461721	1
T2DM	mesothelium	<i>SEZ6L2</i>	-0.006543583	0.045724105	0.682461721	1
T2DM	mesothelium	<i>SGSH</i>	0.004976658	0.038661433	0.682461721	1
T2DM	mesothelium	<i>SHISA4</i>	-0.01324061	0.012195302	0.682461721	1
T2DM	mesothelium	<i>SLC12A2</i>	-0.001301854	0.022370448	0.682461721	1
T2DM	mesothelium	<i>SLC12A7</i>	-0.003344826	0.000289572	0.669780122	1
T2DM	mesothelium	<i>SLC15A5</i>	-0.027212998	0.017632909	0.682461721	1
T2DM	mesothelium	<i>SLC25A34</i>	-0.018737662	0.003442582	0.682461721	1
T2DM	mesothelium	<i>SLC2A14</i>	-0.01643406	0.040271749	0.682461721	1
T2DM	mesothelium	<i>SLC2A8</i>	-0.008366153	0.026513065	0.682461721	1
T2DM	mesothelium	<i>SLC41A2</i>	-0.002382907	0.044496301	0.682461721	1
T2DM	mesothelium	<i>SLC47A1</i>	-0.008130368	0.016191776	0.682461721	1
T2DM	mesothelium	<i>SLC6A3</i>	-0.039172025	0.017891632	0.682461721	1
T2DM	mesothelium	<i>SLC7A9</i>	-0.015611906	0.027542829	0.682461721	1
T2DM	mesothelium	<i>SMARCE1</i>	-0.003812982	0.015991949	0.682461721	1
T2DM	mesothelium	<i>SMTNL1</i>	-0.011151135	0.04619262	0.682461721	1
T2DM	mesothelium	<i>SNHG18</i>	-0.008274348	0.01315386	0.682461721	1
T2DM	mesothelium	<i>SNX22</i>	-0.0058635	0.018314167	0.682461721	1
T2DM	mesothelium	<i>SNX31</i>	-0.015691633	0.012150666	0.682461721	1
T2DM	mesothelium	<i>SNX32</i>	-0.007877833	0.035839748	0.682461721	1
T2DM	mesothelium	<i>SOAT2</i>	-0.003943414	0.036471184	0.682461721	1
T2DM	mesothelium	<i>SPATA5L1</i>	-0.006389121	0.027716295	0.682461721	1
T2DM	mesothelium	<i>SPIRE2</i>	-0.006885667	0.024835073	0.682461721	1

T2DM	mesothelium	<i>SPP1</i>	-0.012193992	0.022710883	0.682461721	1
T2DM	mesothelium	<i>SPRR2F</i>	-0.061603949	0.040000724	0.682461721	1
T2DM	mesothelium	<i>STON1</i>	-0.005762227	0.040157284	0.682461721	1
T2DM	mesothelium	<i>TAF1B</i>	-0.003338278	0.030982905	0.682461721	1
T2DM	mesothelium	<i>TAP2</i>	-0.005085195	0.029337389	0.682461721	1
T2DM	mesothelium	<i>TCTN2</i>	-0.006644536	0.031077049	0.682461721	1
T2DM	mesothelium	<i>TEX14</i>	-0.010292958	0.012103192	0.682461721	1
T2DM	mesothelium	<i>TFR2</i>	-0.005905449	0.044047259	0.682461721	1
T2DM	mesothelium	<i>TMEM132E</i>	-0.013695641	0.04874637	0.682461721	1
T2DM	mesothelium	<i>TMEM158</i>	-0.032069169	0.024041208	0.682461721	1
T2DM	mesothelium	<i>TMEM231</i>	-0.00968339	0.038776643	0.682461721	1
T2DM	mesothelium	<i>TMEM45A</i>	-0.00359119	0.036469672	0.682461721	1
T2DM	mesothelium	<i>TMEM80</i>	-0.005110953	0.021373293	0.682461721	1
T2DM	mesothelium	<i>TRIM66</i>	-0.004009869	0.00451992	0.682461721	1
T2DM	mesothelium	<i>TRMT12</i>	-0.020859463	0.033527671	0.682461721	1
T2DM	mesothelium	<i>TTC4</i>	-0.019839436	0.003868427	0.682461721	1
T2DM	mesothelium	<i>TVP23B</i>	-0.004742376	0.015274622	0.682461721	1
T2DM	mesothelium	<i>UROD</i>	-0.008119552	0.013226305	0.682461721	1
T2DM	mesothelium	<i>VNIR1</i>	-0.054697685	0.011524644	0.682461721	1
T2DM	mesothelium	<i>WFDC6</i>	-0.045132842	0.024942779	0.682461721	1
T2DM	mesothelium	<i>WNT6</i>	-0.006530372	0.047394316	0.682461721	1
T2DM	mesothelium	<i>YTHDC2</i>	-0.001505403	0.004688484	0.682461721	1
T2DM	mesothelium	<i>ZFAND1</i>	-0.003880577	0.022176627	0.682461721	1
T2DM	mesothelium	<i>ZFAND2A</i>	-0.00528691	0.021219031	0.682461721	1
T2DM	mesothelium	<i>ZFP1</i>	-0.014724868	0.024360784	0.682461721	1
T2DM	mesothelium	<i>ZFP2</i>	-0.005490621	0.022819381	0.682461721	1
T2DM	mesothelium	<i>ZNF124</i>	-0.00312284	0.039205843	0.682461721	1
T2DM	mesothelium	<i>ZNF165</i>	-0.058495453	0.007449505	0.682461721	1
T2DM	mesothelium	<i>ZNF266</i>	-0.003065382	0.025396526	0.682461721	1
T2DM	mesothelium	<i>ZNF404</i>	-0.01533396	0.001880244	0.682461721	1
T2DM	mesothelium	<i>ZNF415</i>	-0.0140864	0.016244144	0.682461721	1
T2DM	mesothelium	<i>ZNF514</i>	-0.004048344	0.047650961	0.682461721	1
T2DM	mesothelium	<i>ZNF554</i>	-0.004626885	0.030375052	0.682461721	1
T2DM	mesothelium	<i>ZNF649</i>	-0.005423697	0.031469147	0.682461721	1
T2DM	mesothelium	<i>ZNF667</i>	-0.015784076	0.007761874	0.682461721	1
T2DM	mesothelium	<i>ZNF736</i>	-0.003269051	0.025503847	0.682461721	1
T2DM	mesothelium	<i>ZNF738</i>	-0.004516972	0.021720988	0.682461721	1
T2DM	mesothelium	<i>ZNF772</i>	-0.015202523	0.034608919	0.682461721	1
T2DM	mesothelium	<i>ZNF787</i>	-0.006966907	0.028925084	0.682461721	1
T2DM	mesothelium	<i>ZNF79</i>	-0.005639486	0.038982133	0.682461721	1
T2DM	mesothelium	<i>ZNF852</i>	-0.00629861	0.023854628	0.682461721	1
T2DM	mesothelium	<i>ZNF98</i>	-0.004230361	0.044547939	0.682461721	1
T2DM	mesothelium	<i>FAM166A</i>	-0.065431386	0.031812914	0.682461721	1
T2DM	mesothelium	<i>SPRR2B</i>	-0.055797326	0.04805054	0.682461721	1
T2DM	mesothelium	<i>POLR2J2</i>	-0.074847365	0.00389847	0.682461721	1
T2DM	mesothelium	<i>SERPINA3</i>	-0.003416419	0.038647219	0.682461721	1
T2DM	mesothelium	<i>DGCR6</i>	-0.059582136	0.039616335	0.682461721	1
T2DM	mesothelium	<i>DUSP13</i>	-0.07925209	0.025666437	0.682461721	1
T2DM	mesothelium	<i>KRTAP5-9</i>	-0.007163265	0.009315716	0.682461721	1
T2DM	mesothelium	<i>LGALS9B</i>	-0.003691091	0.019013768	0.682461721	1
T2DM	mesothelium	<i>NPIA7</i>	-0.062525695	0.007626259	0.682461721	1
T2DM	mesothelium	<i>FFAR3</i>	-0.063278748	0.048226563	0.682461721	1

T2DM	mesothelium	<i>PDE6H</i>	-0.082149844	0.041668485	0.682461721	1
T2DM	mesothelium	<i>GPR42</i>	-0.00338631	0.024600165	0.682461721	1
T2DM	mesothelium	<i>KIF25-AS1</i>	-0.006390712	0.005568142	0.682461721	1
T2DM	mesothelium	<i>LINC00364</i>	-0.014569725	0.006541071	0.682461721	1
T2DM	monocyte	<i>AC026740.1</i>	-0.063070811	0.017917693	0.999515471	1
T2DM	monocyte	<i>AC093668.2</i>	0.012555206	0.02388375	0.999515471	1
T2DM	monocyte	<i>ACSS3</i>	-0.001423976	0.048988927	0.999515471	1
T2DM	monocyte	<i>ADORA2B</i>	-0.006769019	0.030477225	0.999515471	1
T2DM	monocyte	<i>ADRA2B</i>	-0.021508494	0.026593311	0.999515471	1
T2DM	monocyte	<i>AGAP6</i>	-0.007133084	0.023240737	0.999515471	1
T2DM	monocyte	<i>AP2A1</i>	0.003068338	0.028361832	0.999515471	1
T2DM	monocyte	<i>ARHGAP28</i>	-0.002396945	0.037646481	0.999515471	1
T2DM	monocyte	<i>ARL17B</i>	-0.002965541	0.046661267	0.999515471	1
T2DM	monocyte	<i>C10orf107</i>	-0.006007233	0.031626132	0.999515471	1
T2DM	monocyte	<i>C12orf73</i>	-0.005319113	0.028500805	0.999515471	1
T2DM	monocyte	<i>C14orf37</i>	-0.001150811	0.028488862	0.999515471	1
T2DM	monocyte	<i>CAMSAP2</i>	-0.001708807	0.01418106	0.999515471	1
T2DM	monocyte	<i>CANX</i>	-0.001938871	0.033814271	0.999515471	1
T2DM	monocyte	<i>CASP7</i>	-0.003931847	0.041555856	0.999515471	1
T2DM	monocyte	<i>CCDC127</i>	0.009489359	0.030300293	0.999515471	1
T2DM	monocyte	<i>CCDC171</i>	-0.003013276	0.040860765	0.999515471	1
T2DM	monocyte	<i>CCDC89</i>	0.043083176	0.02336955	0.999515471	1
T2DM	monocyte	<i>CD207</i>	-0.026921197	0.04661916	0.999515471	1
T2DM	monocyte	<i>CDC16</i>	-0.001932521	0.037720793	0.999515471	1
T2DM	monocyte	<i>CDHR3</i>	-0.003156888	0.037928856	0.999515471	1
T2DM	monocyte	<i>CHST8</i>	0.015823449	0.011566604	0.999515471	1
T2DM	monocyte	<i>CLEC3B</i>	-0.011662949	0.005048993	0.999515471	1
T2DM	monocyte	<i>COA7</i>	-0.007162643	0.007824878	0.999515471	1
T2DM	monocyte	<i>DCLK3</i>	-0.062844529	0.048238203	0.999515471	1
T2DM	monocyte	<i>DCT</i>	-0.009926052	0.0064886	0.999515471	1
T2DM	monocyte	<i>DHX36</i>	-0.001017482	0.04498275	0.999515471	1
T2DM	monocyte	<i>ECM2</i>	-0.001337755	0.047932324	0.999515471	1
T2DM	monocyte	<i>EFEMP2</i>	-0.008190829	0.033646278	0.999515471	1
T2DM	monocyte	<i>EIF2B3</i>	-0.001659887	0.018910406	0.999515471	1
T2DM	monocyte	<i>ENO3</i>	-0.015539542	0.01194781	0.999515471	1
T2DM	monocyte	<i>ENPP1</i>	-0.005231238	0.011706034	0.999515471	1
T2DM	monocyte	<i>EPS8</i>	-0.000785886	0.036928401	0.999515471	1
T2DM	monocyte	<i>ERMP1</i>	-0.003239828	0.044614861	0.999515471	1
T2DM	monocyte	<i>EYA1</i>	0.004922515	0.030993151	0.999515471	1
T2DM	monocyte	<i>FAM72B</i>	-0.009220968	0.046237704	0.999515471	1
T2DM	monocyte	<i>G6PC3</i>	-0.011072979	0.010409575	0.999515471	1
T2DM	monocyte	<i>GNPAT</i>	0.001769468	0.03676787	0.999515471	1
T2DM	monocyte	<i>GRHRP</i>	-0.005230669	0.007538501	0.999515471	1
T2DM	monocyte	<i>HCG27</i>	-0.006054503	0.034463049	0.999515471	1
T2DM	monocyte	<i>HIST1H3E</i>	-0.027057382	0.02043728	0.999515471	1
T2DM	monocyte	<i>IFT80</i>	-0.002282262	0.028053996	0.999515471	1
T2DM	monocyte	<i>IGFBP2</i>	-0.005726541	0.030535613	0.999515471	1
T2DM	monocyte	<i>JKAMP</i>	0.003451294	0.036129874	0.999515471	1
T2DM	monocyte	<i>KCNN3</i>	0.003356475	0.04142737	0.999515471	1
T2DM	monocyte	<i>L3HYPDH</i>	-0.004206185	0.045823004	0.999515471	1
T2DM	monocyte	<i>LAYN</i>	0.00736815	0.004001987	0.999515471	1
T2DM	monocyte	<i>LCA5L</i>	0.006253119	0.025226688	0.999515471	1

T2DM	monocyte	<i>LINC00240</i>	-0.005197967	0.039922526	0.999515471	1
T2DM	monocyte	<i>LINC00865</i>	-0.00371407	0.0471025	0.999515471	1
T2DM	monocyte	<i>LIP1</i>	-0.006336751	0.034640207	0.999515471	1
T2DM	monocyte	<i>LY86</i>	0.001316714	0.026982459	0.999515471	1
T2DM	monocyte	<i>LYPD5</i>	0.021798772	0.015669767	0.999515471	1
T2DM	monocyte	<i>MARCKS</i>	-0.002557604	0.040049551	0.999515471	1
T2DM	monocyte	<i>MCC</i>	-0.001518237	0.036705745	0.999515471	1
T2DM	monocyte	<i>MMRN1</i>	0.000908119	0.025004611	0.999515471	1
T2DM	monocyte	<i>MRPL18</i>	-0.005244466	0.042877677	0.999515471	1
T2DM	monocyte	<i>NALCN</i>	0.002773731	0.033742928	0.999515471	1
T2DM	monocyte	<i>NEK3</i>	-0.002424611	0.027438773	0.999515471	1
T2DM	monocyte	<i>NIM1K</i>	0.060780189	0.011859895	0.999515471	1
T2DM	monocyte	<i>NKAIN4</i>	-0.014585047	0.046994246	0.999515471	1
T2DM	monocyte	<i>PDZD2</i>	-0.000793067	0.029927316	0.999515471	1
T2DM	monocyte	<i>PHYH</i>	-0.004298344	0.014925423	0.999515471	1
T2DM	monocyte	<i>PLEKHH2</i>	-0.00116145	0.021948165	0.999515471	1
T2DM	monocyte	<i>POMGNT1</i>	-0.007780937	0.022445474	0.999515471	1
T2DM	monocyte	<i>PRR12</i>	-0.005603768	0.048649488	0.999515471	1
T2DM	monocyte	<i>RAB2A</i>	0.000951574	0.047611827	0.999515471	1
T2DM	monocyte	<i>RNGTT</i>	-0.002081288	0.008809425	0.999515471	1
T2DM	monocyte	<i>RSU1</i>	-0.001112145	0.033147126	0.999515471	1
T2DM	monocyte	<i>SLC12A2</i>	-0.001473975	0.009810575	0.999515471	1
T2DM	monocyte	<i>SLC23A3</i>	0.01455869	0.022595028	0.999515471	1
T2DM	monocyte	<i>SLC25A22</i>	-0.033357761	0.030936033	0.999515471	1
T2DM	monocyte	<i>SOAT2</i>	-0.004010187	0.033464889	0.999515471	1
T2DM	monocyte	<i>SOGA3</i>	-0.024299662	0.015732012	0.999515471	1
T2DM	monocyte	<i>SP1</i>	-0.001592099	0.048372677	0.999515471	1
T2DM	monocyte	<i>SPARCL1</i>	-0.000548505	0.015911147	0.999515471	1
T2DM	monocyte	<i>STAB2</i>	0.002281665	0.021810203	0.999515471	1
T2DM	monocyte	<i>TBKBPI</i>	-0.013407833	0.040811068	0.999515471	1
T2DM	monocyte	<i>TGM2</i>	-0.002706512	0.006719594	0.999515471	1
T2DM	monocyte	<i>THAP5</i>	-0.00815627	0.030940848	0.999515471	1
T2DM	monocyte	<i>TMEM161A</i>	-0.004583265	0.032837934	0.999515471	1
T2DM	monocyte	<i>TRIM13</i>	-0.001981365	0.031632581	0.999515471	1
T2DM	monocyte	<i>TRMT10A</i>	-0.003693886	0.028815682	0.999515471	1
T2DM	monocyte	<i>TSLP</i>	0.009753141	0.04426998	0.999515471	1
T2DM	monocyte	<i>TSPAN15</i>	-0.002821606	0.035441131	0.999515471	1
T2DM	monocyte	<i>TUFM</i>	-0.004120713	0.044308091	0.999515471	1
T2DM	monocyte	<i>UBE2E3</i>	-0.002670482	0.041487685	0.999515471	1
T2DM	monocyte	<i>UBE2Q2</i>	-0.003241023	0.042088276	0.999515471	1
T2DM	monocyte	<i>UFSP2</i>	-0.002548789	0.006182896	0.999515471	1
T2DM	monocyte	<i>VAT1L</i>	-0.012243001	0.030080233	0.999515471	1
T2DM	monocyte	<i>VPS28</i>	-0.005649887	0.001146992	0.999515471	1
T2DM	monocyte	<i>ZKSCAN7</i>	-0.011670473	0.004980452	0.999515471	1
T2DM	monocyte	<i>ZNF114</i>	-0.010853921	0.042879399	0.999515471	1
T2DM	monocyte	<i>ZNF263</i>	-0.003260915	0.04702074	0.999515471	1
T2DM	monocyte	<i>ZNF429</i>	-0.003223969	0.0493159	0.999515471	1
T2DM	monocyte	<i>ZNF493</i>	-0.003125244	0.034952187	0.999515471	1
T2DM	monocyte	<i>ZNF532</i>	-0.002142183	0.03051878	0.999515471	1
T2DM	monocyte	<i>ZNF586</i>	-0.001675272	0.041432889	0.999515471	1
T2DM	monocyte	<i>ZNF623</i>	0.007291435	0.022932137	0.999515471	1
T2DM	monocyte	<i>ZNF880</i>	-0.004899619	0.003911324	0.999515471	1

T2DM	monocyte	<i>ZNF98</i>	-0.004337716	0.039632891	0.999515471	1
T2DM	monocyte	<i>ZFP57</i>	-0.055734274	0.034725922	0.999515471	1
T2DM	monocyte	<i>SYT3</i>	-0.004030245	0.040106988	0.999515471	1
T2DM	monocyte	<i>LGALS9B</i>	-0.004168598	0.007877607	0.999515471	1
T2DM	neutrophil	<i>ACAD10</i>	-0.003744129	0.046671459	0.998775101	1
T2DM	neutrophil	<i>ACOX3</i>	-0.004807373	0.009274158	0.998775101	1
T2DM	neutrophil	<i>AEBP1</i>	-0.001642999	0.042621642	0.998775101	1
T2DM	neutrophil	<i>AIM2</i>	0.003445292	0.027173989	0.998775101	1
T2DM	neutrophil	<i>AOC1</i>	0.031551324	0.040217247	0.998775101	1
T2DM	neutrophil	<i>AQP5</i>	-0.06017598	0.023605563	0.998775101	1
T2DM	neutrophil	<i>ARHGAP28</i>	-0.002507984	0.029794392	0.998775101	1
T2DM	neutrophil	<i>ARNT2</i>	-0.003307759	0.027074632	0.998775101	1
T2DM	neutrophil	<i>ATRNL1</i>	-0.002091576	0.026314091	0.998775101	1
T2DM	neutrophil	<i>BAK1</i>	0.016908647	0.018835745	0.998775101	1
T2DM	neutrophil	<i>BMPR2</i>	-0.001170557	0.046073135	0.998775101	1
T2DM	neutrophil	<i>BTN2A1</i>	-0.003974763	0.040284441	0.998775101	1
T2DM	neutrophil	<i>C6orf141</i>	0.003221052	0.018787814	0.998775101	1
T2DM	neutrophil	<i>CATSPERB</i>	0.003258285	0.011335935	0.998775101	1
T2DM	neutrophil	<i>CCDC127</i>	-0.010149711	0.019837558	0.998775101	1
T2DM	neutrophil	<i>CNGB3</i>	-0.005376123	0.020043253	0.998775101	1
T2DM	neutrophil	<i>CTNNAL1</i>	-0.003064413	0.043284807	0.998775101	1
T2DM	neutrophil	<i>DCT</i>	-0.010763692	0.003255038	0.998775101	1
T2DM	neutrophil	<i>DOCK5</i>	0.000929886	0.03097648	0.998775101	1
T2DM	neutrophil	<i>DTX1</i>	0.003118849	0.027818273	0.998775101	1
T2DM	neutrophil	<i>ENPP1</i>	-0.00513465	0.013267427	0.998775101	1
T2DM	neutrophil	<i>ESPNL</i>	-0.032310451	0.044817509	0.998775101	1
T2DM	neutrophil	<i>EYA1</i>	0.006018461	0.008356952	0.998775101	1
T2DM	neutrophil	<i>F2RL1</i>	0.041262149	0.042628031	0.998775101	1
T2DM	neutrophil	<i>FLT4</i>	0.003213825	0.021603497	0.998775101	1
T2DM	neutrophil	<i>G6PC3</i>	-0.008599887	0.047587369	0.998775101	1
T2DM	neutrophil	<i>GGCX</i>	-0.003766948	0.04422323	0.998775101	1
T2DM	neutrophil	<i>GIMAP5</i>	0.007937512	0.017168031	0.998775101	1
T2DM	neutrophil	<i>HINFP</i>	-0.00609698	0.037837067	0.998775101	1
T2DM	neutrophil	<i>IGFBP2</i>	-0.006103744	0.021052776	0.998775101	1
T2DM	neutrophil	<i>IL15</i>	-0.002082508	0.026266999	0.998775101	1
T2DM	neutrophil	<i>IRGM</i>	-0.013553514	0.034191125	0.998775101	1
T2DM	neutrophil	<i>LCAT</i>	-0.005169141	0.009433063	0.998775101	1
T2DM	neutrophil	<i>LINC00211</i>	-0.008144435	0.049666062	0.998775101	1
T2DM	neutrophil	<i>MBOAT4</i>	0.031200556	0.023803397	0.998775101	1
T2DM	neutrophil	<i>METTL7B</i>	-0.056108822	0.028567283	0.998775101	1
T2DM	neutrophil	<i>MEX3A</i>	-0.017227544	0.04737924	0.998775101	1
T2DM	neutrophil	<i>MRPL36</i>	-0.007146809	0.038916195	0.998775101	1
T2DM	neutrophil	<i>MTG2</i>	-0.003757116	0.037154069	0.998775101	1
T2DM	neutrophil	<i>MVB12A</i>	-0.005995693	0.01575456	0.998775101	1
T2DM	neutrophil	<i>MX1</i>	-0.003017291	0.03565035	0.998775101	1
T2DM	neutrophil	<i>MXRA7</i>	-0.011946024	0.004601103	0.998775101	1
T2DM	neutrophil	<i>NALCN</i>	0.003413835	0.008926742	0.998775101	1
T2DM	neutrophil	<i>NDUFA3</i>	-0.004838943	0.002965466	0.998775101	1
T2DM	neutrophil	<i>NDUFAF4</i>	-0.004370896	0.041023532	0.998775101	1
T2DM	neutrophil	<i>NSUN3</i>	0.002377813	0.000866387	0.998775101	1
T2DM	neutrophil	<i>NUP85</i>	-0.003387433	0.016686281	0.998775101	1
T2DM	neutrophil	<i>NYAP1</i>	0.022881181	0.01497938	0.998775101	1

T2DM	neutrophil	<i>PF4</i>	-0.003199342	0.034682544	0.998775101	1
T2DM	neutrophil	<i>PLA2G10</i>	-0.014180586	0.014935667	0.998775101	1
T2DM	neutrophil	<i>PLEKHH2</i>	-0.001001359	0.048628157	0.998775101	1
T2DM	neutrophil	<i>PPP3R1</i>	-0.006218369	0.027124467	0.998775101	1
T2DM	neutrophil	<i>PROM2</i>	-0.075289619	0.014235572	0.998775101	1
T2DM	neutrophil	<i>R3HCC1</i>	-0.006114065	0.041712379	0.998775101	1
T2DM	neutrophil	<i>RAB3A</i>	-0.039878692	0.037607531	0.998775101	1
T2DM	neutrophil	<i>RCN2</i>	-0.003453799	0.030697035	0.998775101	1
T2DM	neutrophil	<i>RNLS</i>	-0.002286265	0.005727684	0.998775101	1
T2DM	neutrophil	<i>RPA1</i>	-0.002965253	0.038602065	0.998775101	1
T2DM	neutrophil	<i>SAMD5</i>	-0.008451219	0.004474938	0.998775101	1
T2DM	neutrophil	<i>SKIV2L</i>	-0.012046001	0.006676712	0.998775101	1
T2DM	neutrophil	<i>SLC12A4</i>	-0.004121256	0.001514589	0.998775101	1
T2DM	neutrophil	<i>SLC25A21-AS1</i>	-0.010453371	0.039791936	0.998775101	1
T2DM	neutrophil	<i>SLC25A27</i>	-0.002359431	0.032795489	0.998775101	1
T2DM	neutrophil	<i>SLC35E2B</i>	-0.002503606	0.042286845	0.998775101	1
T2DM	neutrophil	<i>SMG9</i>	-0.004598827	0.005119386	0.998775101	1
T2DM	neutrophil	<i>SNHG18</i>	-0.007470875	0.025189479	0.998775101	1
T2DM	neutrophil	<i>STAB2</i>	0.002078103	0.036704032	0.998775101	1
T2DM	neutrophil	<i>SUCLA2</i>	-0.001846563	0.040130335	0.998775101	1
T2DM	neutrophil	<i>SULF1</i>	-0.001024499	0.029894961	0.998775101	1
T2DM	neutrophil	<i>TCP11L2</i>	-0.002644669	0.042270132	0.998775101	1
T2DM	neutrophil	<i>TDRD5</i>	0.042768641	0.013027312	0.998775101	1
T2DM	neutrophil	<i>TGM2</i>	-0.001998951	0.045222971	0.998775101	1
T2DM	neutrophil	<i>UBOX5</i>	-0.004671953	0.022135164	0.998775101	1
T2DM	neutrophil	<i>UBXN2A</i>	-0.002532487	0.00740613	0.998775101	1
T2DM	neutrophil	<i>USP22</i>	-0.002702576	0.002416801	0.998775101	1
T2DM	neutrophil	<i>VATIL</i>	-0.01156163	0.044092947	0.998775101	1
T2DM	neutrophil	<i>ZBTB22</i>	-0.014946094	0.046163258	0.998775101	1
T2DM	neutrophil	<i>ZNF223</i>	0.016499191	0.022073579	0.998775101	1
T2DM	neutrophil	<i>ZNF454</i>	0.005898909	0.046110744	0.998775101	1
T2DM	neutrophil	<i>ZNF891</i>	-0.004495044	0.009487992	0.998775101	1
T2DM	neutrophil	<i>ZSCAN31</i>	-0.005054668	0.033030281	0.998775101	1
T2DM	neutrophil	<i>OR52N4</i>	-0.061841365	0.032498405	0.998775101	1
T2DM	neutrophil	<i>PLGLB2</i>	-0.003707985	0.024353411	0.998775101	1
T2DM	nk_cell	<i>A4GALT</i>	-0.007079277	0.047361557	0.685874914	1
T2DM	nk_cell	<i>AADAC</i>	-0.005686952	0.029928528	0.685874914	1
T2DM	nk_cell	<i>ABCB8</i>	-0.004321587	0.038873207	0.685874914	1
T2DM	nk_cell	<i>ABHD14A</i>	-0.006578863	0.022700254	0.685874914	1
T2DM	nk_cell	<i>AC005082.1</i>	-0.018737764	0.012182482	0.685874914	1
T2DM	nk_cell	<i>ACCS</i>	-0.005708654	0.018752652	0.685874914	1
T2DM	nk_cell	<i>ACSS3</i>	-0.001472393	0.040860844	0.685874914	1
T2DM	nk_cell	<i>ADAM32</i>	-0.004831759	0.034244142	0.685874914	1
T2DM	nk_cell	<i>ADD3</i>	0.000932523	0.028568903	0.685874914	1
T2DM	nk_cell	<i>AGT</i>	-0.02098491	0.020889294	0.685874914	1
T2DM	nk_cell	<i>ALX4</i>	-0.014816275	0.027210619	0.685874914	1
T2DM	nk_cell	<i>AMPH</i>	0.004449195	0.032252251	0.685874914	1
T2DM	nk_cell	<i>ANAPC11</i>	-0.003917282	0.003677776	0.685874914	1
T2DM	nk_cell	<i>ANO5</i>	-0.007128958	0.046388092	0.685874914	1
T2DM	nk_cell	<i>ANXA8L1</i>	-0.002346677	0.042842948	0.685874914	1
T2DM	nk_cell	<i>AP001007.1</i>	-0.013312115	0.039869344	0.685874914	1
T2DM	nk_cell	<i>AP001468.1</i>	-0.062660976	0.037355865	0.685874914	1

T2DM	nk_cell	<i>ARL6IP4</i>	-0.052008418	0.021439943	0.685874914	1
T2DM	nk_cell	<i>ARL6IP5</i>	0.001912229	0.007267333	0.685874914	1
T2DM	nk_cell	<i>ATP8B3</i>	-0.012402387	0.035837636	0.685874914	1
T2DM	nk_cell	<i>BHMT</i>	-0.034449336	0.048571496	0.685874914	1
T2DM	nk_cell	<i>BTNL3</i>	-0.032850149	0.043088543	0.685874914	1
T2DM	nk_cell	<i>BTNL8</i>	-0.006646119	0.03641083	0.685874914	1
T2DM	nk_cell	<i>C11orf54</i>	-0.004879488	0.028694946	0.685874914	1
T2DM	nk_cell	<i>C16orf46</i>	-0.046545422	0.036465605	0.685874914	1
T2DM	nk_cell	<i>C17orf107</i>	-0.04771669	0.007334392	0.685874914	1
T2DM	nk_cell	<i>C21orf33</i>	-0.052563406	0.007649301	0.685874914	1
T2DM	nk_cell	<i>C22orf34</i>	-0.001428992	0.047937663	0.685874914	1
T2DM	nk_cell	<i>C2CD5</i>	0.001494406	0.032760657	0.685874914	1
T2DM	nk_cell	<i>CAMK2N1</i>	-0.016600187	0.040567691	0.685874914	1
T2DM	nk_cell	<i>CAPN10</i>	-0.007441214	0.022965632	0.685874914	1
T2DM	nk_cell	<i>CAPN11</i>	-0.03408274	0.036909593	0.685874914	1
T2DM	nk_cell	<i>CAPN9</i>	-0.011143866	0.031174238	0.685874914	1
T2DM	nk_cell	<i>CASC20</i>	-0.010364322	0.016202343	0.685874914	1
T2DM	nk_cell	<i>CATSPERB</i>	0.003099448	0.015994982	0.685874914	1
T2DM	nk_cell	<i>CCDC171</i>	-0.003015184	0.040209599	0.685874914	1
T2DM	nk_cell	<i>CCDC181</i>	-0.014061516	0.029901235	0.685874914	1
T2DM	nk_cell	<i>CCDC36</i>	-0.004660173	0.029658801	0.685874914	1
T2DM	nk_cell	<i>CCHCR1</i>	-0.009142677	0.026511645	0.685874914	1
T2DM	nk_cell	<i>CDH2</i>	-0.007856551	0.015259752	0.685874914	1
T2DM	nk_cell	<i>CDHR1</i>	-0.030401243	0.02327471	0.685874914	1
T2DM	nk_cell	<i>CDHR3</i>	-0.003348051	0.02683392	0.685874914	1
T2DM	nk_cell	<i>CEACAM4</i>	-0.016583239	0.042382168	0.685874914	1
T2DM	nk_cell	<i>CENPP</i>	-0.001758119	0.049877748	0.685874914	1
T2DM	nk_cell	<i>CHDH</i>	-0.016278773	0.014357903	0.685874914	1
T2DM	nk_cell	<i>CHRNA1</i>	-0.03605255	0.004920643	0.685874914	1
T2DM	nk_cell	<i>CHRNE</i>	-0.014526475	0.015477761	0.685874914	1
T2DM	nk_cell	<i>CHST8</i>	0.016346121	0.008790199	0.685874914	1
T2DM	nk_cell	<i>CLCN6</i>	0.004978516	0.041892938	0.685874914	1
T2DM	nk_cell	<i>CLEC18A</i>	-0.038755804	0.00021277	0.492136414	0.984272829
T2DM	nk_cell	<i>COL27A1</i>	-0.004402081	0.022738679	0.685874914	1
T2DM	nk_cell	<i>COLCA1</i>	-0.013820945	0.039499767	0.685874914	1
T2DM	nk_cell	<i>COQ7</i>	-0.006471778	0.011657788	0.685874914	1
T2DM	nk_cell	<i>CPS1</i>	-0.00884723	0.044558541	0.685874914	1
T2DM	nk_cell	<i>CPSF4</i>	-0.005045384	0.026778705	0.685874914	1
T2DM	nk_cell	<i>CTSF</i>	-0.005973482	0.035197508	0.685874914	1
T2DM	nk_cell	<i>CYP11A1</i>	-0.032320415	0.046965322	0.685874914	1
T2DM	nk_cell	<i>DCLK3</i>	-0.093748623	0.003140681	0.685874914	1
T2DM	nk_cell	<i>DDX20</i>	-0.007730692	0.045098191	0.685874914	1
T2DM	nk_cell	<i>DDX59</i>	-0.003845488	0.01536328	0.685874914	1
T2DM	nk_cell	<i>DEFB124</i>	-0.013228023	0.031727281	0.685874914	1
T2DM	nk_cell	<i>DIAPH3</i>	-0.0052681	0.037126769	0.685874914	1
T2DM	nk_cell	<i>DKKL1</i>	-0.05661873	0.038514199	0.685874914	1
T2DM	nk_cell	<i>DMKN</i>	-0.003959384	0.027238685	0.685874914	1
T2DM	nk_cell	<i>DNAH5</i>	-0.026338247	0.009532698	0.685874914	1
T2DM	nk_cell	<i>DNAJC12</i>	-0.012182842	0.00986499	0.685874914	1
T2DM	nk_cell	<i>DOCK5</i>	0.000931541	0.030251236	0.685874914	1
T2DM	nk_cell	<i>DPF1</i>	-0.029455413	0.039548557	0.685874914	1
T2DM	nk_cell	<i>DPH6-AS1</i>	-0.001763996	0.026657828	0.685874914	1

T2DM	nk_cell	<i>DPY19L2</i>	-0.001952927	0.023589202	0.685874914	1
T2DM	nk_cell	<i>DR1</i>	-0.003298462	0.04697431	0.685874914	1
T2DM	nk_cell	<i>DUSP23</i>	-0.008112176	0.039632605	0.685874914	1
T2DM	nk_cell	<i>EBF4</i>	-0.009674462	0.028229836	0.685874914	1
T2DM	nk_cell	<i>EFCAB6</i>	-0.003894953	0.039484302	0.685874914	1
T2DM	nk_cell	<i>EIF2B2</i>	-0.007699391	0.011704966	0.685874914	1
T2DM	nk_cell	<i>EIF2B3</i>	-0.0017087	0.015735925	0.685874914	1
T2DM	nk_cell	<i>EML3</i>	-0.007154763	0.041749631	0.685874914	1
T2DM	nk_cell	<i>ENDOG</i>	-0.01488734	0.022964242	0.685874914	1
T2DM	nk_cell	<i>EPHA1</i>	-0.019211282	0.014958787	0.685874914	1
T2DM	nk_cell	<i>EPS8</i>	-0.000790896	0.034657641	0.685874914	1
T2DM	nk_cell	<i>EXOSC6</i>	-0.005067606	0.029924854	0.685874914	1
T2DM	nk_cell	<i>EYA1</i>	0.004458573	0.048317019	0.685874914	1
T2DM	nk_cell	<i>FAM107A</i>	-0.007268138	0.028913088	0.685874914	1
T2DM	nk_cell	<i>FAM83B</i>	0.036854033	0.010073345	0.685874914	1
T2DM	nk_cell	<i>FBXL6</i>	-0.006695037	0.049324227	0.685874914	1
T2DM	nk_cell	<i>FBXO2</i>	-0.02546828	0.028223593	0.685874914	1
T2DM	nk_cell	<i>FBXW10</i>	-0.035426579	0.027029215	0.685874914	1
T2DM	nk_cell	<i>FGFR2</i>	-0.009831672	0.019261714	0.685874914	1
T2DM	nk_cell	<i>FHL3</i>	-0.006236606	0.042726763	0.685874914	1
T2DM	nk_cell	<i>FIGLA</i>	-0.013571935	0.044887902	0.685874914	1
T2DM	nk_cell	<i>FITM1</i>	-0.044719055	0.013395393	0.685874914	1
T2DM	nk_cell	<i>FLT4</i>	0.003038116	0.027929129	0.685874914	1
T2DM	nk_cell	<i>FRMD1</i>	-0.017194723	0.043009622	0.685874914	1
T2DM	nk_cell	<i>FUZ</i>	-0.012423707	0.038398104	0.685874914	1
T2DM	nk_cell	<i>GAA</i>	-0.004553067	0.021845439	0.685874914	1
T2DM	nk_cell	<i>GABRA2</i>	-0.02023479	0.039615378	0.685874914	1
T2DM	nk_cell	<i>GGCX</i>	-0.004682333	0.012468319	0.685874914	1
T2DM	nk_cell	<i>GGPS1</i>	-0.002552492	0.028939484	0.685874914	1
T2DM	nk_cell	<i>GLB1L</i>	-0.0075292	0.027291985	0.685874914	1
T2DM	nk_cell	<i>GNRHR</i>	-0.007573909	0.040085989	0.685874914	1
T2DM	nk_cell	<i>GOLM1</i>	-0.007014538	0.004406175	0.685874914	1
T2DM	nk_cell	<i>GPAT2</i>	-0.022534047	0.04519105	0.685874914	1
T2DM	nk_cell	<i>GPC2</i>	-0.04667748	0.045548516	0.685874914	1
T2DM	nk_cell	<i>GPR156</i>	-0.008531693	0.033639745	0.685874914	1
T2DM	nk_cell	<i>GRIK2</i>	-0.006342217	0.018620196	0.685874914	1
T2DM	nk_cell	<i>GRTP1</i>	-0.005214608	0.036357462	0.685874914	1
T2DM	nk_cell	<i>GXYLT2</i>	-0.001762153	0.048384802	0.685874914	1
T2DM	nk_cell	<i>HAUS4</i>	-0.013055233	0.03945099	0.685874914	1
T2DM	nk_cell	<i>HBA1</i>	-0.01414199	0.008471763	0.685874914	1
T2DM	nk_cell	<i>HFM1</i>	-0.004783901	0.040680599	0.685874914	1
T2DM	nk_cell	<i>HHIPL1</i>	-0.008509737	0.034965431	0.685874914	1
T2DM	nk_cell	<i>HRNR</i>	-0.023348809	0.006647569	0.685874914	1
T2DM	nk_cell	<i>IGFBP2</i>	-0.005252874	0.047895905	0.685874914	1
T2DM	nk_cell	<i>IGSF11</i>	-0.007306583	0.043766585	0.685874914	1
T2DM	nk_cell	<i>IL17RC</i>	-0.011895619	0.028423214	0.685874914	1
T2DM	nk_cell	<i>INHBB</i>	-0.022885177	0.025243323	0.685874914	1
T2DM	nk_cell	<i>INPP5B</i>	-0.003436418	0.01914318	0.685874914	1
T2DM	nk_cell	<i>IQSEC3</i>	-0.020913927	0.00139154	0.685874914	1
T2DM	nk_cell	<i>IRF6</i>	-0.015274071	0.024474628	0.685874914	1
T2DM	nk_cell	<i>ITPKC</i>	-0.005830714	0.008729995	0.685874914	1
T2DM	nk_cell	<i>IZUMO1</i>	-0.058941546	0.045615851	0.685874914	1

T2DM	nk_cell	<i>JAKMIP3</i>	-0.025019847	0.006573865	0.685874914	1
T2DM	nk_cell	<i>KCNJ3</i>	-0.018034119	0.041586077	0.685874914	1
T2DM	nk_cell	<i>KCNK1</i>	-0.00996976	0.005302287	0.685874914	1
T2DM	nk_cell	<i>KCNN3</i>	0.003587427	0.028238547	0.685874914	1
T2DM	nk_cell	<i>KHDC1</i>	-0.005475472	0.005633404	0.685874914	1
T2DM	nk_cell	<i>KIAA1143</i>	-0.005206216	0.038012162	0.685874914	1
T2DM	nk_cell	<i>KLHL17</i>	-0.011008951	0.041382962	0.685874914	1
T2DM	nk_cell	<i>KLK5</i>	-0.020104434	0.015098523	0.685874914	1
T2DM	nk_cell	<i>KNSTRN</i>	-0.006940693	0.039593425	0.685874914	1
T2DM	nk_cell	<i>KRT27</i>	-0.05980593	0.040345176	0.685874914	1
T2DM	nk_cell	<i>LAMA1</i>	-0.011648461	0.020470671	0.685874914	1
T2DM	nk_cell	<i>LINC00240</i>	-0.005145875	0.042172856	0.685874914	1
T2DM	nk_cell	<i>LINC00707</i>	-0.043285944	0.046760754	0.685874914	1
T2DM	nk_cell	<i>LINC00987</i>	0.00616847	0.020513003	0.685874914	1
T2DM	nk_cell	<i>LPIN1</i>	-0.0028326	0.037235927	0.685874914	1
T2DM	nk_cell	<i>LRRC39</i>	-0.006818162	0.046171039	0.685874914	1
T2DM	nk_cell	<i>LY6K</i>	-0.056958765	0.003446556	0.685874914	1
T2DM	nk_cell	<i>LYG1</i>	-0.017327495	0.027021292	0.685874914	1
T2DM	nk_cell	<i>LYRM4</i>	-0.002640307	0.038194002	0.685874914	1
T2DM	nk_cell	<i>MAN2C1</i>	0.001992002	0.029761034	0.685874914	1
T2DM	nk_cell	<i>MAP1LC3A</i>	-0.004400185	0.048327247	0.685874914	1
T2DM	nk_cell	<i>MAPK8IP1</i>	-0.032930474	0.017427339	0.685874914	1
T2DM	nk_cell	<i>MCM10</i>	-0.027233723	0.042346769	0.685874914	1
T2DM	nk_cell	<i>MED21</i>	-0.004326268	0.001918516	0.685874914	1
T2DM	nk_cell	<i>MED28</i>	-0.002513538	0.042548815	0.685874914	1
T2DM	nk_cell	<i>MGAT3</i>	-0.021452381	0.001499367	0.685874914	1
T2DM	nk_cell	<i>MGAT4C</i>	0.003419699	0.020440621	0.685874914	1
T2DM	nk_cell	<i>MMP14</i>	-0.010525047	0.039860847	0.685874914	1
T2DM	nk_cell	<i>MMP27</i>	-0.049498149	0.033806645	0.685874914	1
T2DM	nk_cell	<i>MMRN1</i>	0.000848817	0.034171846	0.685874914	1
T2DM	nk_cell	<i>MOCOS</i>	-0.017511101	0.026273046	0.685874914	1
T2DM	nk_cell	<i>MOCS2</i>	-0.007403182	0.01866691	0.685874914	1
T2DM	nk_cell	<i>MORN1</i>	-0.008732158	0.008308647	0.685874914	1
T2DM	nk_cell	<i>MOV10</i>	-0.00308293	0.040957757	0.685874914	1
T2DM	nk_cell	<i>MPHOSPH6</i>	-0.002226647	0.045589096	0.685874914	1
T2DM	nk_cell	<i>MRO</i>	-0.016549131	0.03395062	0.685874914	1
T2DM	nk_cell	<i>MRPL44</i>	-0.005824326	0.040826062	0.685874914	1
T2DM	nk_cell	<i>MRPL54</i>	-0.0058412	0.015504464	0.685874914	1
T2DM	nk_cell	<i>MSH4</i>	-0.008479324	0.037170192	0.685874914	1
T2DM	nk_cell	<i>MUC20</i>	-0.025212378	0.002505105	0.685874914	1
T2DM	nk_cell	<i>MXRA7</i>	-0.00834985	0.048261052	0.685874914	1
T2DM	nk_cell	<i>MYH3</i>	-0.008326824	0.019830071	0.685874914	1
T2DM	nk_cell	<i>NARFL</i>	-0.005683482	0.031956094	0.685874914	1
T2DM	nk_cell	<i>NCKIPSD</i>	-0.0060401	0.026327481	0.685874914	1
T2DM	nk_cell	<i>NEK9</i>	-0.002359197	0.010405122	0.685874914	1
T2DM	nk_cell	<i>NPRL3</i>	-0.00379648	0.02722607	0.685874914	1
T2DM	nk_cell	<i>NT5DC2</i>	-0.0112746	0.046993684	0.685874914	1
T2DM	nk_cell	<i>OLFM2</i>	-0.00871912	0.013041653	0.685874914	1
T2DM	nk_cell	<i>PAOX</i>	0.006209936	0.039950202	0.685874914	1
T2DM	nk_cell	<i>PBLD</i>	-0.005166407	0.048523916	0.685874914	1
T2DM	nk_cell	<i>PCDHA10</i>	-0.023338909	0.031126482	0.685874914	1
T2DM	nk_cell	<i>PCDHB2</i>	-0.042847654	0.005152342	0.685874914	1

T2DM	nk_cell	<i>PCDHB9</i>	-0.016212494	0.045317693	0.685874914	1
T2DM	nk_cell	<i>PCDHGA1</i>	-0.01469172	0.028346952	0.685874914	1
T2DM	nk_cell	<i>PDE11A</i>	-0.031782542	0.044437067	0.685874914	1
T2DM	nk_cell	<i>PHYH</i>	-0.005987922	0.00075117	0.685874914	1
T2DM	nk_cell	<i>PKD2L1</i>	-0.020933372	0.048582329	0.685874914	1
T2DM	nk_cell	<i>PKDCC</i>	-0.00411996	0.027985172	0.685874914	1
T2DM	nk_cell	<i>PLA2G10</i>	-0.011587514	0.047849569	0.685874914	1
T2DM	nk_cell	<i>PLEKHH2</i>	-0.001051934	0.037348067	0.685874914	1
T2DM	nk_cell	<i>PLGRKT</i>	-0.00360938	0.019709259	0.685874914	1
T2DM	nk_cell	<i>PLOD1</i>	-0.012416215	0.011348713	0.685874914	1
T2DM	nk_cell	<i>PNLDC1</i>	-0.046834532	0.000145148	0.492136414	0.671452964
T2DM	nk_cell	<i>PNPO</i>	-0.019447148	0.012277655	0.685874914	1
T2DM	nk_cell	<i>POLI</i>	-0.003155787	0.044887746	0.685874914	1
T2DM	nk_cell	<i>POLR3H</i>	-0.00474734	0.024015208	0.685874914	1
T2DM	nk_cell	<i>PRG4</i>	-0.00379188	0.036980253	0.685874914	1
T2DM	nk_cell	<i>PRMT6</i>	-0.016842113	0.043925065	0.685874914	1
T2DM	nk_cell	<i>PRPH2</i>	-0.006130357	0.014713477	0.685874914	1
T2DM	nk_cell	<i>PRTFDC1</i>	-0.00717264	0.009305314	0.685874914	1
T2DM	nk_cell	<i>PSMB9</i>	-0.002494901	0.025740747	0.685874914	1
T2DM	nk_cell	<i>PTPN13</i>	-0.001295367	0.041247953	0.685874914	1
T2DM	nk_cell	<i>PYROXD2</i>	-0.004637022	0.027984742	0.685874914	1
T2DM	nk_cell	<i>RABL2B</i>	0.003914094	0.040384887	0.685874914	1
T2DM	nk_cell	<i>RAD9A</i>	-0.002454217	0.010397839	0.685874914	1
T2DM	nk_cell	<i>RBFOX1</i>	-0.001105402	0.040035861	0.685874914	1
T2DM	nk_cell	<i>RBP4</i>	-0.002506083	0.046588192	0.685874914	1
T2DM	nk_cell	<i>RGCC</i>	-0.002407138	0.012533314	0.685874914	1
T2DM	nk_cell	<i>RGL3</i>	-0.004602525	0.04318278	0.685874914	1
T2DM	nk_cell	<i>RGS11</i>	-0.010695838	0.039110152	0.685874914	1
T2DM	nk_cell	<i>RHNO1</i>	-0.02807868	0.008583297	0.685874914	1
T2DM	nk_cell	<i>RHOD</i>	-0.013605814	0.022768368	0.685874914	1
T2DM	nk_cell	<i>RIOK1</i>	-0.006486761	0.001192787	0.685874914	1
T2DM	nk_cell	<i>RPP25L</i>	-0.010712052	0.033993346	0.685874914	1
T2DM	nk_cell	<i>RPS6KL1</i>	-0.008991481	0.001542358	0.685874914	1
T2DM	nk_cell	<i>RRM1</i>	-0.006781662	0.026736575	0.685874914	1
T2DM	nk_cell	<i>RTEL1</i>	-0.06208133	0.002680337	0.685874914	1
T2DM	nk_cell	<i>SCD</i>	-0.003389021	0.016755321	0.685874914	1
T2DM	nk_cell	<i>SCGN</i>	-0.047077896	0.026326243	0.685874914	1
T2DM	nk_cell	<i>SFTA1P</i>	-0.057049683	0.039636327	0.685874914	1
T2DM	nk_cell	<i>SLC12A2</i>	-0.001240639	0.029402562	0.685874914	1
T2DM	nk_cell	<i>SLC25A21-AS1</i>	-0.012687349	0.012728091	0.685874914	1
T2DM	nk_cell	<i>SLC25A39</i>	-0.005869294	0.042692227	0.685874914	1
T2DM	nk_cell	<i>SMUG1</i>	-0.005004345	0.004603154	0.685874914	1
T2DM	nk_cell	<i>SNHG18</i>	-0.008150725	0.014980255	0.685874914	1
T2DM	nk_cell	<i>SNIP1</i>	-0.004329465	0.015189835	0.685874914	1
T2DM	nk_cell	<i>SNX31</i>	-0.012427914	0.046017949	0.685874914	1
T2DM	nk_cell	<i>SOAT2</i>	-0.004431221	0.018018938	0.685874914	1
T2DM	nk_cell	<i>SPARC</i>	-0.001036693	0.046975385	0.685874914	1
T2DM	nk_cell	<i>SPATA7</i>	-0.002773453	0.041323458	0.685874914	1
T2DM	nk_cell	<i>SPRR2F</i>	-0.080914548	0.007258456	0.685874914	1
T2DM	nk_cell	<i>SPSB2</i>	-0.006555516	0.02423417	0.685874914	1
T2DM	nk_cell	<i>SPTSSB</i>	-0.03626141	0.016881679	0.685874914	1
T2DM	nk_cell	<i>SRA1</i>	-0.003535078	0.030290482	0.685874914	1

T2DM	nk_cell	<i>SSI8L1</i>	-0.004561082	0.048257926	0.685874914	1
T2DM	nk_cell	<i>SSPN</i>	-0.003236797	0.024983218	0.685874914	1
T2DM	nk_cell	<i>ST7L</i>	-0.001984236	0.0403182	0.685874914	1
T2DM	nk_cell	<i>STAB2</i>	0.002251476	0.022129937	0.685874914	1
T2DM	nk_cell	<i>STEAP2</i>	-0.003819363	0.043200953	0.685874914	1
T2DM	nk_cell	<i>SUCLA2</i>	0.002488494	0.005797175	0.685874914	1
T2DM	nk_cell	<i>SURF6</i>	-0.005814831	0.039193987	0.685874914	1
T2DM	nk_cell	<i>SUSD2</i>	0.011178862	0.028279332	0.685874914	1
T2DM	nk_cell	<i>SVIP</i>	0.002354018	0.035704743	0.685874914	1
T2DM	nk_cell	<i>TBX6</i>	-0.00971493	0.022720368	0.685874914	1
T2DM	nk_cell	<i>TCF19</i>	-0.01431111	0.002386333	0.685874914	1
T2DM	nk_cell	<i>TDGF1</i>	-0.060384157	0.020151036	0.685874914	1
T2DM	nk_cell	<i>TEPP</i>	-0.035037375	0.046327226	0.685874914	1
T2DM	nk_cell	<i>TEX14</i>	-0.009933529	0.016102338	0.685874914	1
T2DM	nk_cell	<i>TFR2</i>	-0.006901744	0.019185132	0.685874914	1
T2DM	nk_cell	<i>TGFB111</i>	-0.009503912	0.020754379	0.685874914	1
T2DM	nk_cell	<i>TGM2</i>	-0.002129867	0.031616586	0.685874914	1
T2DM	nk_cell	<i>THNSL2</i>	-0.008212232	0.008812354	0.685874914	1
T2DM	nk_cell	<i>TMC4</i>	-0.007370632	0.026557967	0.685874914	1
T2DM	nk_cell	<i>TMEM56</i>	-0.009515888	0.019378563	0.685874914	1
T2DM	nk_cell	<i>TMEM99</i>	-0.016382571	0.022183496	0.685874914	1
T2DM	nk_cell	<i>TPRA1</i>	-0.005224192	0.028662126	0.685874914	1
T2DM	nk_cell	<i>TRAPPC4</i>	-0.003894544	0.0376558	0.685874914	1
T2DM	nk_cell	<i>TRIM58</i>	-0.036879776	0.045132246	0.685874914	1
T2DM	nk_cell	<i>TRIM66</i>	-0.002846175	0.043729455	0.685874914	1
T2DM	nk_cell	<i>TRPV3</i>	-0.031632053	0.025462829	0.685874914	1
T2DM	nk_cell	<i>TSR3</i>	0.003857343	0.045056815	0.685874914	1
T2DM	nk_cell	<i>TUBB2B</i>	-0.057379425	0.022522836	0.685874914	1
T2DM	nk_cell	<i>TXNL4A</i>	-0.001898054	0.036637767	0.685874914	1
T2DM	nk_cell	<i>UBXN2A</i>	-0.002241016	0.017580975	0.685874914	1
T2DM	nk_cell	<i>UROD</i>	-0.007096261	0.030805924	0.685874914	1
T2DM	nk_cell	<i>VAMP8</i>	-0.002378194	0.019198254	0.685874914	1
T2DM	nk_cell	<i>VPS11</i>	-0.008181132	0.011026881	0.685874914	1
T2DM	nk_cell	<i>WDR17</i>	-0.010590221	0.006567726	0.685874914	1
T2DM	nk_cell	<i>WIPF1</i>	0.001257768	0.006341502	0.685874914	1
T2DM	nk_cell	<i>ZFP41</i>	-0.015935664	0.03586867	0.685874914	1
T2DM	nk_cell	<i>ZNF165</i>	-0.048792928	0.026230847	0.685874914	1
T2DM	nk_cell	<i>ZNF333</i>	-0.004086376	0.011835692	0.685874914	1
T2DM	nk_cell	<i>ZNF415</i>	-0.013128949	0.025396626	0.685874914	1
T2DM	nk_cell	<i>ZNF429</i>	-0.003309327	0.044069194	0.685874914	1
T2DM	nk_cell	<i>ZNF517</i>	-0.017297411	0.022489708	0.685874914	1
T2DM	nk_cell	<i>ZNF891</i>	-0.004579354	0.008028688	0.685874914	1
T2DM	nk_cell	<i>ZNF91</i>	-0.001725131	0.048504246	0.685874914	1
T2DM	nk_cell	<i>C4B</i>	-0.060791052	0.012100304	0.685874914	1
T2DM	nk_cell	<i>DUSP13</i>	-0.077020342	0.030870693	0.685874914	1
T2DM	nk_cell	<i>G6PC2</i>	-0.005677462	0.038842416	0.685874914	1
T2DM	nk_cell	<i>KLHDC7A</i>	-0.005158143	0.027161235	0.685874914	1
T2DM	nk_cell	<i>PRG2</i>	-0.0071405	0.00698652	0.685874914	1
T2DM	nk_cell	<i>AC009495.2</i>	-0.057000899	0.031134414	0.685874914	1
T2DM	nk_cell	<i>GPR12</i>	-0.047677316	0.01855087	0.685874914	1
T2DM	nk_cell	<i>FOXI2</i>	-0.053451653	0.036043536	0.685874914	1
T2DM	nk_cell	<i>NPIPA2</i>	-0.003910455	0.015054791	0.685874914	1

T2DM	pericyte	<i>ABHD1</i>	-0.005238025	0.040354462	0.708020339	1
T2DM	pericyte	<i>AC122129.1</i>	-0.015876331	0.035661706	0.708020339	1
T2DM	pericyte	<i>ADAMTS13</i>	-0.010508121	0.026531251	0.708020339	1
T2DM	pericyte	<i>ADAMTS2</i>	-0.002602449	0.029278858	0.708020339	1
T2DM	pericyte	<i>ADII</i>	-0.006337699	0.036359531	0.708020339	1
T2DM	pericyte	<i>ADSS</i>	-0.00211936	0.015160872	0.708020339	1
T2DM	pericyte	<i>AGRN</i>	-0.004969497	0.02927576	0.708020339	1
T2DM	pericyte	<i>AGT</i>	-0.022900133	0.011471623	0.708020339	1
T2DM	pericyte	<i>AHRR</i>	-0.008338698	0.005917831	0.708020339	1
T2DM	pericyte	<i>ALDH8A1</i>	-0.011946957	0.023264118	0.708020339	1
T2DM	pericyte	<i>ALX4</i>	-0.015054493	0.024912734	0.708020339	1
T2DM	pericyte	<i>ANTXR2</i>	0.001799725	0.032013869	0.708020339	1
T2DM	pericyte	<i>AP000347.2</i>	-0.016241179	0.017888895	0.708020339	1
T2DM	pericyte	<i>AP001007.1</i>	-0.014021697	0.030337764	0.708020339	1
T2DM	pericyte	<i>APOBEC3C</i>	-0.00646178	0.048866966	0.708020339	1
T2DM	pericyte	<i>ARL5B</i>	-0.006022248	0.047450786	0.708020339	1
T2DM	pericyte	<i>ASB8</i>	-0.007799346	0.001554128	0.708020339	1
T2DM	pericyte	<i>ATOH8</i>	-0.00636138	0.034416299	0.708020339	1
T2DM	pericyte	<i>ATP8A2</i>	-0.009457916	0.030022847	0.708020339	1
T2DM	pericyte	<i>ATRIP</i>	-0.014999105	0.034803894	0.708020339	1
T2DM	pericyte	<i>ATRNL1</i>	-0.002082851	0.026951964	0.708020339	1
T2DM	pericyte	<i>BDNF</i>	-0.013582515	0.040437455	0.708020339	1
T2DM	pericyte	<i>BPI</i>	-0.007442743	0.018162808	0.708020339	1
T2DM	pericyte	<i>BTNL8</i>	-0.007341174	0.021153356	0.708020339	1
T2DM	pericyte	<i>C14orf144</i>	-0.03639486	0.017374727	0.708020339	1
T2DM	pericyte	<i>C20orf96</i>	-0.008030888	0.025956828	0.708020339	1
T2DM	pericyte	<i>C9orf152</i>	-0.016551579	0.026895755	0.708020339	1
T2DM	pericyte	<i>CAMK2N1</i>	-0.018068856	0.025633441	0.708020339	1
T2DM	pericyte	<i>CASC20</i>	-0.009281774	0.031601326	0.708020339	1
T2DM	pericyte	<i>CATSPERB</i>	0.002749773	0.032623066	0.708020339	1
T2DM	pericyte	<i>CBR3</i>	-0.003736392	0.028654966	0.708020339	1
T2DM	pericyte	<i>CD5L</i>	-0.023693535	0.028436725	0.708020339	1
T2DM	pericyte	<i>CDCA3</i>	-0.015415842	0.048085117	0.708020339	1
T2DM	pericyte	<i>CDIP1</i>	-0.004793933	0.006559994	0.708020339	1
T2DM	pericyte	<i>CDK5RAP3</i>	-0.007980594	0.043079464	0.708020339	1
T2DM	pericyte	<i>CHDH</i>	-0.014462179	0.02977916	0.708020339	1
T2DM	pericyte	<i>CLDN16</i>	-0.012515184	0.01960073	0.708020339	1
T2DM	pericyte	<i>COL27A1</i>	-0.004666544	0.01567963	0.708020339	1
T2DM	pericyte	<i>CPLX1</i>	-0.008120889	0.035711294	0.708020339	1
T2DM	pericyte	<i>CPSF1</i>	-0.006007035	0.035697755	0.708020339	1
T2DM	pericyte	<i>CPT1C</i>	-0.015807695	0.0443831	0.708020339	1
T2DM	pericyte	<i>CSTF1</i>	-0.005764518	0.005047351	0.708020339	1
T2DM	pericyte	<i>DARS2</i>	-0.005026764	0.019301214	0.708020339	1
T2DM	pericyte	<i>DFFB</i>	-0.006256363	0.028225823	0.708020339	1
T2DM	pericyte	<i>DHX58</i>	-0.011344207	0.007078897	0.708020339	1
T2DM	pericyte	<i>DKKL1</i>	-0.061764252	0.023831833	0.708020339	1
T2DM	pericyte	<i>DMKN</i>	-0.004305458	0.016356013	0.708020339	1
T2DM	pericyte	<i>DNPH1</i>	-0.006548639	0.034682825	0.708020339	1
T2DM	pericyte	<i>DPF1</i>	-0.042668821	0.002770533	0.708020339	1
T2DM	pericyte	<i>DRD4</i>	0.017842166	0.035610902	0.708020339	1
T2DM	pericyte	<i>DUOXA1</i>	-0.043416482	0.005813017	0.708020339	1
T2DM	pericyte	<i>DYNC2LI1</i>	-0.002143436	0.033755871	0.708020339	1

T2DM	pericyte	<i>EFCAB6</i>	-0.003715767	0.049318923	0.708020339	1
T2DM	pericyte	<i>EFNB3</i>	-0.025807903	0.035218615	0.708020339	1
T2DM	pericyte	<i>ENPP1</i>	-0.005384238	0.008786592	0.708020339	1
T2DM	pericyte	<i>EPS8</i>	-0.000759776	0.042284962	0.708020339	1
T2DM	pericyte	<i>FAHD2B</i>	-0.008334339	0.039265686	0.708020339	1
T2DM	pericyte	<i>FAM181B</i>	-0.0368835	0.01234116	0.708020339	1
T2DM	pericyte	<i>FBXW10</i>	-0.039066162	0.014571947	0.708020339	1
T2DM	pericyte	<i>FGF17</i>	-0.064441571	0.0104162	0.708020339	1
T2DM	pericyte	<i>FGFR2</i>	-0.008690179	0.038330606	0.708020339	1
T2DM	pericyte	<i>FKBP7</i>	-0.005270065	0.019051536	0.708020339	1
T2DM	pericyte	<i>FLCN</i>	-0.00487197	0.027595991	0.708020339	1
T2DM	pericyte	<i>FLT4</i>	0.003012223	0.029431029	0.708020339	1
T2DM	pericyte	<i>FLYWCH1</i>	-0.003615956	0.012269837	0.708020339	1
T2DM	pericyte	<i>FNDC3B</i>	-0.000758349	0.016300759	0.708020339	1
T2DM	pericyte	<i>G6PC3</i>	-0.013094519	0.002681721	0.708020339	1
T2DM	pericyte	<i>GATAD1</i>	-0.001411514	0.021040644	0.708020339	1
T2DM	pericyte	<i>GDNF-AS1</i>	-0.003406777	0.044236306	0.708020339	1
T2DM	pericyte	<i>GGCX</i>	-0.004100801	0.028471035	0.708020339	1
T2DM	pericyte	<i>GJA4</i>	-0.007720835	0.023470339	0.708020339	1
T2DM	pericyte	<i>GNB3</i>	-0.012019739	0.016968789	0.708020339	1
T2DM	pericyte	<i>GNMT</i>	-0.036815052	0.005776338	0.708020339	1
T2DM	pericyte	<i>GRIN3A</i>	-0.02548465	0.048154264	0.708020339	1
T2DM	pericyte	<i>GSTZ1</i>	-0.007455599	0.006559709	0.708020339	1
T2DM	pericyte	<i>GTF2H2</i>	-0.0095564	0.013497505	0.708020339	1
T2DM	pericyte	<i>GUF1</i>	-0.004117002	0.03732249	0.708020339	1
T2DM	pericyte	<i>GXYLT2</i>	-0.002353062	0.008303171	0.708020339	1
T2DM	pericyte	<i>HHIPL1</i>	-0.008770991	0.029800549	0.708020339	1
T2DM	pericyte	<i>IFIT5</i>	-0.008805712	0.030434792	0.708020339	1
T2DM	pericyte	<i>IFITM1</i>	-0.024515023	0.044625393	0.708020339	1
T2DM	pericyte	<i>IFT80</i>	-0.002832288	0.006492945	0.708020339	1
T2DM	pericyte	<i>IGSF11</i>	-0.007195381	0.047026388	0.708020339	1
T2DM	pericyte	<i>IMPDH2</i>	-0.00545151	0.018334934	0.708020339	1
T2DM	pericyte	<i>ITPKC</i>	-0.004564691	0.039984201	0.708020339	1
T2DM	pericyte	<i>JMJD7</i>	-0.020358835	0.016028915	0.708020339	1
T2DM	pericyte	<i>KHDC1</i>	-0.003913473	0.048053963	0.708020339	1
T2DM	pericyte	<i>KLHL30</i>	-0.022459315	0.000695296	0.708020339	1
T2DM	pericyte	<i>KLK10</i>	-0.007704076	0.031633331	0.708020339	1
T2DM	pericyte	<i>KNSTRN</i>	-0.007600218	0.023595603	0.708020339	1
T2DM	pericyte	<i>LAMC3</i>	-0.004107825	0.02912076	0.708020339	1
T2DM	pericyte	<i>LIG1</i>	-0.003172428	0.03838431	0.708020339	1
T2DM	pericyte	<i>LIN37</i>	-0.019219209	0.036613931	0.708020339	1
T2DM	pericyte	<i>LINC00211</i>	-0.010834847	0.009121154	0.708020339	1
T2DM	pericyte	<i>LINC00314</i>	-0.031344968	0.032217507	0.708020339	1
T2DM	pericyte	<i>LINC00545</i>	-0.006284665	0.015547723	0.708020339	1
T2DM	pericyte	<i>LINC00654</i>	-0.061208079	0.025436516	0.708020339	1
T2DM	pericyte	<i>LINC00664</i>	-0.031906425	0.032636964	0.708020339	1
T2DM	pericyte	<i>LINC00941</i>	-0.062543782	0.01015739	0.708020339	1
T2DM	pericyte	<i>LINC01119</i>	-0.014705197	0.037183791	0.708020339	1
T2DM	pericyte	<i>LINC01133</i>	-0.00279099	0.033573989	0.708020339	1
T2DM	pericyte	<i>LIP1</i>	-0.006715169	0.024814141	0.708020339	1
T2DM	pericyte	<i>LRRC41</i>	-0.002120373	0.030511817	0.708020339	1
T2DM	pericyte	<i>LY6G5C</i>	-0.040824764	0.042470807	0.708020339	1

T2DM	pericyte	<i>LY6K</i>	-0.039198466	0.044055103	0.708020339	1
T2DM	pericyte	<i>MAPIA</i>	-0.019600915	0.037994054	0.708020339	1
T2DM	pericyte	<i>MAPK8IP2</i>	-0.029527344	0.007400232	0.708020339	1
T2DM	pericyte	<i>MARVELD1</i>	-0.004228395	0.014252436	0.708020339	1
T2DM	pericyte	<i>MATN4</i>	-0.058505122	0.030126864	0.708020339	1
T2DM	pericyte	<i>MCM10</i>	-0.030206823	0.024246592	0.708020339	1
T2DM	pericyte	<i>MCM6</i>	-0.006399291	0.028259608	0.708020339	1
T2DM	pericyte	<i>MED17</i>	-0.009409438	0.022308023	0.708020339	1
T2DM	pericyte	<i>MESP2</i>	-0.027368485	0.014633328	0.708020339	1
T2DM	pericyte	<i>MEX3A</i>	-0.01771183	0.043698578	0.708020339	1
T2DM	pericyte	<i>MFAP5</i>	-0.003481047	0.031985381	0.708020339	1
T2DM	pericyte	<i>MICU2</i>	-0.001360648	0.049936998	0.708020339	1
T2DM	pericyte	<i>MMRN1</i>	0.000791771	0.048340251	0.708020339	1
T2DM	pericyte	<i>MRPL34</i>	-0.007504017	0.034151789	0.708020339	1
T2DM	pericyte	<i>MST1R</i>	-0.01460561	0.02402529	0.708020339	1
T2DM	pericyte	<i>MTAP</i>	-0.00440931	0.02727342	0.708020339	1
T2DM	pericyte	<i>MTMR11</i>	-0.01081364	0.030435757	0.708020339	1
T2DM	pericyte	<i>MUC16</i>	-0.003164835	0.048782983	0.708020339	1
T2DM	pericyte	<i>MUC20</i>	-0.017816481	0.032558137	0.708020339	1
T2DM	pericyte	<i>MYBBP1A</i>	-0.010842275	0.039083726	0.708020339	1
T2DM	pericyte	<i>N6AMT1</i>	-0.006944097	0.012176402	0.708020339	1
T2DM	pericyte	<i>NAGA</i>	-0.006338773	0.00635834	0.708020339	1
T2DM	pericyte	<i>NDST1</i>	-0.004104762	0.023463748	0.708020339	1
T2DM	pericyte	<i>NDUFC1</i>	-0.001959693	0.034938542	0.708020339	1
T2DM	pericyte	<i>NELFCD</i>	-0.004420099	0.020458955	0.708020339	1
T2DM	pericyte	<i>NKD2</i>	-0.088900096	0.030315139	0.708020339	1
T2DM	pericyte	<i>NME4</i>	-0.007654789	0.016604394	0.708020339	1
T2DM	pericyte	<i>NOXA1</i>	-0.006069988	0.043859404	0.708020339	1
T2DM	pericyte	<i>NPHP3</i>	-0.003420168	0.037451175	0.708020339	1
T2DM	pericyte	<i>OMA1</i>	-0.007693388	0.00614247	0.708020339	1
T2DM	pericyte	<i>PARP2</i>	-0.01195802	0.036753111	0.708020339	1
T2DM	pericyte	<i>PCDHA10</i>	-0.027848675	0.0100484	0.708020339	1
T2DM	pericyte	<i>PCDHA3</i>	-0.107235986	0.006479449	0.708020339	1
T2DM	pericyte	<i>PCDHB2</i>	-0.044608416	0.003523308	0.708020339	1
T2DM	pericyte	<i>PCDHB9</i>	-0.017095311	0.034372588	0.708020339	1
T2DM	pericyte	<i>PCDHGA1</i>	-0.016487283	0.013085131	0.708020339	1
T2DM	pericyte	<i>PCDHGB6</i>	-0.019292206	0.027830352	0.708020339	1
T2DM	pericyte	<i>PCP2</i>	-0.043129425	0.044848212	0.708020339	1
T2DM	pericyte	<i>PDF</i>	-0.072948321	0.030737176	0.708020339	1
T2DM	pericyte	<i>PDZD2</i>	-0.000724268	0.047259769	0.708020339	1
T2DM	pericyte	<i>PEX11G</i>	-0.013293956	0.00189261	0.708020339	1
T2DM	pericyte	<i>PINLYP</i>	-0.007653649	0.017012746	0.708020339	1
T2DM	pericyte	<i>PLA1A</i>	-0.029011824	0.000872005	0.708020339	1
T2DM	pericyte	<i>PLA2G4B</i>	-0.038322397	0.010768891	0.708020339	1
T2DM	pericyte	<i>PLEKHH2</i>	-0.001160908	0.021557624	0.708020339	1
T2DM	pericyte	<i>PLGLB1</i>	-0.062666454	0.046747114	0.708020339	1
T2DM	pericyte	<i>PLOD1</i>	-0.011820112	0.015597992	0.708020339	1
T2DM	pericyte	<i>PNLDC1</i>	-0.026594154	0.031348479	0.708020339	1
T2DM	pericyte	<i>POLR1E</i>	-0.009801092	0.047835635	0.708020339	1
T2DM	pericyte	<i>POMGNT1</i>	-0.01131459	0.000896915	0.708020339	1
T2DM	pericyte	<i>PPIL2</i>	-0.00327559	0.000719995	0.708020339	1
T2DM	pericyte	<i>PRDM6</i>	-0.00540592	0.033162944	0.708020339	1

T2DM	pericyte	<i>PRR5L</i>	0.00275376	0.034619741	0.708020339	1
T2DM	pericyte	<i>PSD3</i>	-0.001460834	0.038878446	0.708020339	1
T2DM	pericyte	<i>PTH1R</i>	-0.004577372	0.017148064	0.708020339	1
T2DM	pericyte	<i>PTPN13</i>	-0.001291787	0.041732758	0.708020339	1
T2DM	pericyte	<i>QRFPR</i>	-0.033832463	0.029081735	0.708020339	1
T2DM	pericyte	<i>RAB11FIP3</i>	-0.002379706	0.044432846	0.708020339	1
T2DM	pericyte	<i>RAB5C</i>	0.006449554	0.013537728	0.708020339	1
T2DM	pericyte	<i>RAD52</i>	-0.003788099	0.024558696	0.708020339	1
T2DM	pericyte	<i>RET</i>	-0.00826574	0.046370464	0.708020339	1
T2DM	pericyte	<i>RFPL3S</i>	-0.022404853	0.020463235	0.708020339	1
T2DM	pericyte	<i>RHOD</i>	0.017232618	0.003947344	0.708020339	1
T2DM	pericyte	<i>RIMKLB</i>	-0.002494933	0.008494224	0.708020339	1
T2DM	pericyte	<i>RNF123</i>	-0.005678211	0.028261328	0.708020339	1
T2DM	pericyte	<i>RNF8</i>	-0.004655899	0.025328322	0.708020339	1
T2DM	pericyte	<i>RPL12</i>	-0.00210228	0.018496752	0.708020339	1
T2DM	pericyte	<i>SAP25</i>	-0.066010229	0.027414501	0.708020339	1
T2DM	pericyte	<i>SCGN</i>	-0.044445229	0.036236467	0.708020339	1
T2DM	pericyte	<i>SDCCAG8</i>	-0.00095762	0.02477023	0.708020339	1
T2DM	pericyte	<i>SH3GLB2</i>	-0.005338335	0.025541227	0.708020339	1
T2DM	pericyte	<i>SLC25A21-AS1</i>	-0.012215712	0.016324887	0.708020339	1
T2DM	pericyte	<i>SLC2A14</i>	-0.027906899	0.000491004	0.708020339	1
T2DM	pericyte	<i>SLC35A5</i>	-0.003072603	0.046046266	0.708020339	1
T2DM	pericyte	<i>SLC47A1</i>	-0.00828642	0.01421627	0.708020339	1
T2DM	pericyte	<i>SLC6A3</i>	-0.035326426	0.033630071	0.708020339	1
T2DM	pericyte	<i>SLC7A9</i>	-0.01571311	0.027011365	0.708020339	1
T2DM	pericyte	<i>SLC9A3</i>	-0.026962224	0.0488689	0.708020339	1
T2DM	pericyte	<i>SMDT1</i>	-0.003787516	0.028096719	0.708020339	1
T2DM	pericyte	<i>SMIM19</i>	-0.002016006	0.030055611	0.708020339	1
T2DM	pericyte	<i>SNHG18</i>	-0.006983916	0.037090241	0.708020339	1
T2DM	pericyte	<i>SNUPN</i>	-0.004237672	0.040179753	0.708020339	1
T2DM	pericyte	<i>SP1</i>	-0.001833832	0.024594088	0.708020339	1
T2DM	pericyte	<i>SPINK6</i>	-0.057586061	0.010546374	0.708020339	1
T2DM	pericyte	<i>SPTBN5</i>	-0.028893666	0.03326395	0.708020339	1
T2DM	pericyte	<i>SSC5D</i>	-0.007288746	0.003104211	0.708020339	1
T2DM	pericyte	<i>TAP2</i>	-0.005281617	0.023172435	0.708020339	1
T2DM	pericyte	<i>TAS2R10</i>	-0.080916475	0.025679277	0.708020339	1
T2DM	pericyte	<i>TBC1D4</i>	-0.001820263	0.013297125	0.708020339	1
T2DM	pericyte	<i>TCTEX1D2</i>	-0.012395224	0.020303452	0.708020339	1
T2DM	pericyte	<i>TCTN2</i>	-0.006170769	0.045581629	0.708020339	1
T2DM	pericyte	<i>TGM2</i>	-0.002108137	0.033570086	0.708020339	1
T2DM	pericyte	<i>THNSL2</i>	-0.006270879	0.04518596	0.708020339	1
T2DM	pericyte	<i>TIMM10</i>	-0.008806872	0.024511931	0.708020339	1
T2DM	pericyte	<i>TMC4</i>	-0.007159296	0.030891159	0.708020339	1
T2DM	pericyte	<i>TMEM116</i>	0.00314958	0.039707199	0.708020339	1
T2DM	pericyte	<i>TMEM236</i>	-0.005401406	0.048030521	0.708020339	1
T2DM	pericyte	<i>TMEM45A</i>	-0.003423285	0.045581477	0.708020339	1
T2DM	pericyte	<i>TMX2</i>	-0.011256375	0.028596593	0.708020339	1
T2DM	pericyte	<i>TMX3</i>	0.001917543	0.024083353	0.708020339	1
T2DM	pericyte	<i>TNFRSF18</i>	0.007692252	0.025766674	0.708020339	1
T2DM	pericyte	<i>TRMT12</i>	-0.020130305	0.040946839	0.708020339	1
T2DM	pericyte	<i>TRMT61A</i>	-0.008524641	0.016228644	0.708020339	1
T2DM	pericyte	<i>TSPYL5</i>	-0.008040372	0.024687735	0.708020339	1

T2DM	pericyte	<i>TVP23B</i>	-0.004495975	0.021392291	0.708020339	1
T2DM	pericyte	<i>TYW3</i>	-0.005876266	0.028963576	0.708020339	1
T2DM	pericyte	<i>UBQLNL</i>	-0.034422823	0.04092806	0.708020339	1
T2DM	pericyte	<i>UQCRH</i>	-0.002755194	0.043386396	0.708020339	1
T2DM	pericyte	<i>VPS16</i>	-0.004203088	0.024177783	0.708020339	1
T2DM	pericyte	<i>WDR36</i>	-0.002098118	0.037597324	0.708020339	1
T2DM	pericyte	<i>WFDC6</i>	-0.039805897	0.048877967	0.708020339	1
T2DM	pericyte	<i>WIPF1</i>	0.000949374	0.039277406	0.708020339	1
T2DM	pericyte	<i>WT1</i>	-0.001314495	0.047783343	0.708020339	1
T2DM	pericyte	<i>ZCRB1</i>	-0.004319914	0.047391933	0.708020339	1
T2DM	pericyte	<i>ZDHHC4</i>	-0.006412704	0.014762638	0.708020339	1
T2DM	pericyte	<i>ZFAND2A</i>	-0.005823169	0.011383545	0.708020339	1
T2DM	pericyte	<i>ZFP2</i>	-0.004861189	0.04380018	0.708020339	1
T2DM	pericyte	<i>ZNF114</i>	-0.011343082	0.034229611	0.708020339	1
T2DM	pericyte	<i>ZNF195</i>	-0.003803059	0.034658847	0.708020339	1
T2DM	pericyte	<i>ZNF391</i>	-0.009847416	0.039324405	0.708020339	1
T2DM	pericyte	<i>ZNF517</i>	-0.016261156	0.031670917	0.708020339	1
T2DM	pericyte	<i>ZNF560</i>	-0.019228476	0.014130146	0.708020339	1
T2DM	pericyte	<i>ZNF607</i>	-0.02305298	0.028037499	0.708020339	1
T2DM	pericyte	<i>ZNF641</i>	-0.003530031	0.005788386	0.708020339	1
T2DM	pericyte	<i>ZNF667</i>	-0.015049342	0.011357944	0.708020339	1
T2DM	pericyte	<i>C5orf49</i>	-0.053179199	0.039344558	0.708020339	1
T2DM	pericyte	<i>BPIFB2</i>	-0.07551375	0.024306818	0.708020339	1
T2DM	pericyte	<i>DCD</i>	-0.031311861	0.044674524	0.708020339	1
T2DM	pericyte	<i>DUSP13</i>	-0.077542606	0.029418104	0.708020339	1
T2DM	pericyte	<i>G6PC2</i>	-0.006160467	0.024992559	0.708020339	1
T2DM	pericyte	<i>SOHLH2</i>	-0.003638706	0.036513333	0.708020339	1
T2DM	pericyte	<i>P2RX2</i>	-0.056756929	0.031214417	0.708020339	1
T2DM	pericyte	<i>TBC1D26</i>	-0.002623963	0.044974469	0.708020339	1
T2DM	pericyte	<i>PDE6H</i>	-0.089240501	0.027255769	0.708020339	1
T2DM	pericyte	<i>APOBEC3B</i>	-0.005621006	0.021944647	0.708020339	1
T2DM	SMC	<i>ABHD14A</i>	-0.006086779	0.035119952	0.918000804	1
T2DM	SMC	<i>AC107021.1</i>	-0.003130534	0.013379302	0.918000804	1
T2DM	SMC	<i>ACOX2</i>	0.006077593	0.026993552	0.918000804	1
T2DM	SMC	<i>ADO</i>	-0.014540901	0.027063276	0.918000804	1
T2DM	SMC	<i>ADORA2B</i>	-0.007110038	0.023838747	0.918000804	1
T2DM	SMC	<i>ALYREF</i>	-0.025822868	0.037461627	0.918000804	1
T2DM	SMC	<i>ANKRD36B</i>	-0.002854366	0.010859966	0.918000804	1
T2DM	SMC	<i>ANXA8L1</i>	-0.002788194	0.016210123	0.918000804	1
T2DM	SMC	<i>ARHGAP28</i>	-0.002653604	0.022440772	0.918000804	1
T2DM	SMC	<i>ARHGEF25</i>	-0.009186049	0.029474004	0.918000804	1
T2DM	SMC	<i>ARL17B</i>	-0.002928805	0.048949574	0.918000804	1
T2DM	SMC	<i>ARL6IP5</i>	0.001391438	0.048299829	0.918000804	1
T2DM	SMC	<i>ASIC3</i>	-0.069273973	0.022818563	0.918000804	1
T2DM	SMC	<i>ATP6AP1L</i>	-0.003455505	0.02883594	0.918000804	1
T2DM	SMC	<i>ATP7B</i>	-0.003859332	0.03482747	0.918000804	1
T2DM	SMC	<i>ATRNL1</i>	-0.001881813	0.04560981	0.918000804	1
T2DM	SMC	<i>BMPR1B</i>	-0.004864203	0.030863063	0.918000804	1
T2DM	SMC	<i>BTNL3</i>	-0.036828729	0.02270359	0.918000804	1
T2DM	SMC	<i>BTNL8</i>	-0.006256912	0.04933044	0.918000804	1
T2DM	SMC	<i>C14orf79</i>	-0.007396385	0.041407894	0.918000804	1
T2DM	SMC	<i>C16orf46</i>	-0.047673484	0.032194289	0.918000804	1

T2DM	SMC	<i>C17orf62</i>	-0.003296789	0.042261871	0.918000804	1
T2DM	SMC	<i>C1orf43</i>	-0.002966402	0.010723862	0.918000804	1
T2DM	SMC	<i>CCDC40</i>	-0.007079291	0.019611555	0.918000804	1
T2DM	SMC	<i>CDH2</i>	-0.006513593	0.04409924	0.918000804	1
T2DM	SMC	<i>CIAPIN1</i>	0.003229515	0.036871415	0.918000804	1
T2DM	SMC	<i>CNGB3</i>	-0.004726391	0.0418536	0.918000804	1
T2DM	SMC	<i>COL27A1</i>	-0.003796492	0.049743542	0.918000804	1
T2DM	SMC	<i>COL6A6</i>	-0.004441325	0.014628698	0.918000804	1
T2DM	SMC	<i>CREB3L4</i>	-0.009176383	0.010867494	0.918000804	1
T2DM	SMC	<i>CYP4F12</i>	-0.012645206	0.017604414	0.918000804	1
T2DM	SMC	<i>CYP4Z1</i>	-0.016913548	0.049293598	0.918000804	1
T2DM	SMC	<i>DCLK3</i>	-0.069671335	0.028474477	0.918000804	1
T2DM	SMC	<i>DCT</i>	-0.008667328	0.018208644	0.918000804	1
T2DM	SMC	<i>DMKN</i>	-0.004625231	0.00989223	0.918000804	1
T2DM	SMC	<i>DNAAF1</i>	-0.053240631	0.018648164	0.918000804	1
T2DM	SMC	<i>DNAJC12</i>	-0.012666454	0.007189653	0.918000804	1
T2DM	SMC	<i>DPH6-AS1</i>	-0.001715165	0.031307869	0.918000804	1
T2DM	SMC	<i>DRD4</i>	-0.024241703	0.004406659	0.918000804	1
T2DM	SMC	<i>DSCAML1</i>	-0.002434779	0.038168949	0.918000804	1
T2DM	SMC	<i>EBPL</i>	-0.003883422	0.017884919	0.918000804	1
T2DM	SMC	<i>EMILIN3</i>	-0.03628496	0.011458124	0.918000804	1
T2DM	SMC	<i>EPHB6</i>	-0.00542638	0.031656973	0.918000804	1
T2DM	SMC	<i>EPS8</i>	-0.000853282	0.02250146	0.918000804	1
T2DM	SMC	<i>ERMARD</i>	-0.002677589	0.027620485	0.918000804	1
T2DM	SMC	<i>ESPNL</i>	-0.040284297	0.012785906	0.918000804	1
T2DM	SMC	<i>ETV2</i>	-0.139727356	0.001141833	0.918000804	1
T2DM	SMC	<i>EYA1</i>	0.004549077	0.044133827	0.918000804	1
T2DM	SMC	<i>FADS1</i>	-0.005465417	0.046796084	0.918000804	1
T2DM	SMC	<i>FAM107A</i>	-0.007932483	0.016827782	0.918000804	1
T2DM	SMC	<i>FAM227A</i>	-0.019488347	0.012744461	0.918000804	1
T2DM	SMC	<i>FAM96B</i>	-0.005854086	0.02078351	0.918000804	1
T2DM	SMC	<i>FLG</i>	-0.032297402	0.029087778	0.918000804	1
T2DM	SMC	<i>FLRT3</i>	-0.004674821	0.022409541	0.918000804	1
T2DM	SMC	<i>FLT4</i>	0.002971687	0.031690053	0.918000804	1
T2DM	SMC	<i>FNDC3B</i>	-0.000768071	0.014890679	0.918000804	1
T2DM	SMC	<i>GATAD1</i>	-0.001368243	0.025040792	0.918000804	1
T2DM	SMC	<i>GJA4</i>	-0.00782773	0.021777399	0.918000804	1
T2DM	SMC	<i>GLB1L</i>	-0.00740028	0.029912103	0.918000804	1
T2DM	SMC	<i>GRHPR</i>	-0.005499276	0.004805905	0.918000804	1
T2DM	SMC	<i>GRK4</i>	-0.006209315	0.037933209	0.918000804	1
T2DM	SMC	<i>HAAO</i>	-0.005350006	5.98E-05	0.276812405	0.276812405
T2DM	SMC	<i>HAGH</i>	-0.002651993	0.005597938	0.918000804	1
T2DM	SMC	<i>HAR1A</i>	-0.032536104	0.007953905	0.918000804	1
T2DM	SMC	<i>HSD17B1</i>	-0.01117468	0.039487229	0.918000804	1
T2DM	SMC	<i>IGFBP2</i>	-0.006115872	0.021221828	0.918000804	1
T2DM	SMC	<i>IL17RC</i>	-0.014603586	0.007248074	0.918000804	1
T2DM	SMC	<i>IQSEC3</i>	-0.013105863	0.04470613	0.918000804	1
T2DM	SMC	<i>JSRP1</i>	-0.038324826	0.018982634	0.918000804	1
T2DM	SMC	<i>LAMB1</i>	-0.001136421	0.029309694	0.918000804	1
T2DM	SMC	<i>LINC00240</i>	-0.005057809	0.045627697	0.918000804	1
T2DM	SMC	<i>LINC01133</i>	-0.002930727	0.025761301	0.918000804	1
T2DM	SMC	<i>LYPD5</i>	-0.017846796	0.049061294	0.918000804	1

T2DM	SMC	<i>MAL2</i>	-0.008316144	0.039420526	0.918000804	1
T2DM	SMC	<i>MAPK9</i>	0.004949631	0.042014267	0.918000804	1
T2DM	SMC	<i>MET</i>	-0.00216757	0.039939956	0.918000804	1
T2DM	SMC	<i>MEX3A</i>	-0.024756828	0.004342362	0.918000804	1
T2DM	SMC	<i>MPHOSPH6</i>	-0.002242482	0.044398457	0.918000804	1
T2DM	SMC	<i>MRPL48</i>	-0.00712282	0.038675044	0.918000804	1
T2DM	SMC	<i>MXD3</i>	-0.014107345	0.027504481	0.918000804	1
T2DM	SMC	<i>MXRA7</i>	-0.008855863	0.036483622	0.918000804	1
T2DM	SMC	<i>MYO15B</i>	-0.002661203	0.044450213	0.918000804	1
T2DM	SMC	<i>MYO5B</i>	-0.003693017	0.037109666	0.918000804	1
T2DM	SMC	<i>NALCN</i>	0.002727348	0.035235413	0.918000804	1
T2DM	SMC	<i>NDUFA3</i>	-0.004013305	0.014170362	0.918000804	1
T2DM	SMC	<i>NRM</i>	-0.017693823	0.030567942	0.918000804	1
T2DM	SMC	<i>NSUN7</i>	-0.009866854	0.03618685	0.918000804	1
T2DM	SMC	<i>NTPCR</i>	-0.00294189	0.005435456	0.918000804	1
T2DM	SMC	<i>OBSL1</i>	-0.005539776	0.027931967	0.918000804	1
T2DM	SMC	<i>OSM</i>	-0.084941082	0.002252569	0.918000804	1
T2DM	SMC	<i>PAK4</i>	-0.007058623	0.014088139	0.918000804	1
T2DM	SMC	<i>PCDHA10</i>	-0.024213176	0.025412457	0.918000804	1
T2DM	SMC	<i>PDZD2</i>	-0.000917716	0.011832117	0.918000804	1
T2DM	SMC	<i>PHLPP2</i>	-0.003982161	0.005870211	0.918000804	1
T2DM	SMC	<i>PIGP</i>	-0.003435039	0.008341704	0.918000804	1
T2DM	SMC	<i>PLA1A</i>	-0.018859844	0.030871416	0.918000804	1
T2DM	SMC	<i>PLA2G10</i>	-0.012387311	0.034710926	0.918000804	1
T2DM	SMC	<i>PLEKHH2</i>	-0.001044423	0.038802139	0.918000804	1
T2DM	SMC	<i>POU6F2</i>	-0.005113989	0.043020514	0.918000804	1
T2DM	SMC	<i>PPP4R4</i>	-0.018208877	0.047523152	0.918000804	1
T2DM	SMC	<i>PTPN13</i>	-0.001250391	0.049075965	0.918000804	1
T2DM	SMC	<i>RAB3A</i>	-0.045638726	0.018855192	0.918000804	1
T2DM	SMC	<i>RAD52</i>	-0.003431268	0.04186146	0.918000804	1
T2DM	SMC	<i>RASAL2-AS1</i>	-0.0508439	0.040467697	0.918000804	1
T2DM	SMC	<i>RASEF</i>	-0.023828688	0.035007503	0.918000804	1
T2DM	SMC	<i>RGS16</i>	0.012027892	0.042796247	0.918000804	1
T2DM	SMC	<i>RPP25</i>	-0.029409031	0.022833966	0.918000804	1
T2DM	SMC	<i>RSG1</i>	-0.011059227	0.019159534	0.918000804	1
T2DM	SMC	<i>RUVBL2</i>	-0.011049534	0.042645361	0.918000804	1
T2DM	SMC	<i>SAMD5</i>	-0.006240264	0.037549103	0.918000804	1
T2DM	SMC	<i>SC5D</i>	-0.005592206	0.040834764	0.918000804	1
T2DM	SMC	<i>SETD1A</i>	-0.006127605	0.043787608	0.918000804	1
T2DM	SMC	<i>SIL1</i>	-0.00121939	0.017955817	0.918000804	1
T2DM	SMC	<i>SLC12A2</i>	-0.001174927	0.038789025	0.918000804	1
T2DM	SMC	<i>SLC1A7</i>	-0.024143265	0.007397158	0.918000804	1
T2DM	SMC	<i>SLC25A2I-AS1</i>	-0.011235243	0.027410768	0.918000804	1
T2DM	SMC	<i>SLC2A14</i>	-0.016443349	0.040635794	0.918000804	1
T2DM	SMC	<i>SLC39A12</i>	-0.015596877	0.042240487	0.918000804	1
T2DM	SMC	<i>SLC41A2</i>	-0.00247434	0.038116226	0.918000804	1
T2DM	SMC	<i>SLC47A1</i>	-0.007332558	0.030169169	0.918000804	1
T2DM	SMC	<i>SNIP1</i>	-0.004432442	0.012770744	0.918000804	1
T2DM	SMC	<i>SNX31</i>	-0.015575914	0.012349271	0.918000804	1
T2DM	SMC	<i>SORCS2</i>	-0.007148866	0.0212583	0.918000804	1
T2DM	SMC	<i>SPATA7</i>	-0.002812108	0.038608544	0.918000804	1
T2DM	SMC	<i>SPTBN5</i>	-0.027718387	0.041503078	0.918000804	1

T2DM	SMC	<i>STAB2</i>	0.002150511	0.028967402	0.918000804	1
T2DM	SMC	<i>STEAP2</i>	-0.003924957	0.038098487	0.918000804	1
T2DM	SMC	<i>STON1-GTF2A1L</i>	-0.009784915	0.019115196	0.918000804	1
T2DM	SMC	<i>SULF1</i>	-0.001041229	0.028422884	0.918000804	1
T2DM	SMC	<i>TMC5</i>	-0.008886761	0.01347407	0.918000804	1
T2DM	SMC	<i>TMCO6</i>	-0.005537498	0.04834969	0.918000804	1
T2DM	SMC	<i>TMEM128</i>	-0.00669724	0.029272944	0.918000804	1
T2DM	SMC	<i>TMEM8B</i>	-0.00432936	0.030056845	0.918000804	1
T2DM	SMC	<i>TNKS1BP1</i>	-0.004611132	0.049409181	0.918000804	1
T2DM	SMC	<i>TRMT61B</i>	-0.002533444	0.016495742	0.918000804	1
T2DM	SMC	<i>TSPO2</i>	-0.011723977	0.00463018	0.918000804	1
T2DM	SMC	<i>TTC38</i>	-0.003592511	0.006530732	0.918000804	1
T2DM	SMC	<i>UTS2</i>	-0.009156271	0.043030946	0.918000804	1
T2DM	SMC	<i>VIPR2</i>	-0.001902567	0.034341204	0.918000804	1
T2DM	SMC	<i>VSIG8</i>	-0.007220568	0.021378282	0.918000804	1
T2DM	SMC	<i>WT1</i>	-0.00138777	0.036775663	0.918000804	1
T2DM	SMC	<i>ZFPM1</i>	-0.007675902	0.009755245	0.918000804	1
T2DM	SMC	<i>ZNF667</i>	-0.013621945	0.022026102	0.918000804	1
T2DM	SMC	<i>ZNF738</i>	-0.00411909	0.036435491	0.918000804	1
T2DM	SMC	<i>PROKR1</i>	0.06690705	0.012912685	0.918000804	1
T2DM	SMC	<i>SYT3</i>	-0.004005568	0.043335531	0.918000804	1
T2DM	SMC	<i>ARTN</i>	-0.005840969	0.013558871	0.918000804	1
T2DM	SMC	<i>VGLL2</i>	-0.006036185	0.032047132	0.918000804	1
T2DM	SMC	<i>PLGLB2</i>	-0.003972995	0.016365555	0.918000804	1
T2DM	SMC	<i>CPN2</i>	-0.003161942	0.036607347	0.918000804	1
T2DM	SMC	<i>PRSS46</i>	0.004758468	0.002308278	0.918000804	1
T2DM	t_cell	<i>ABCC8</i>	-0.015767287	0.028776182	0.893382187	1
T2DM	t_cell	<i>ABCF3</i>	-0.011119563	0.019572986	0.893382187	1
T2DM	t_cell	<i>ACCS</i>	-0.005163373	0.033260943	0.893382187	1
T2DM	t_cell	<i>ACSS3</i>	-0.001488915	0.038569399	0.893382187	1
T2DM	t_cell	<i>AIM2</i>	-0.003557511	0.023062667	0.893382187	1
T2DM	t_cell	<i>ANXA3</i>	-0.002784965	0.028594159	0.893382187	1
T2DM	t_cell	<i>ARHGEF18</i>	-0.03006289	0.009377434	0.893382187	1
T2DM	t_cell	<i>ARNT2</i>	-0.003656989	0.014951099	0.893382187	1
T2DM	t_cell	<i>ATAD2</i>	-0.004142367	0.022943368	0.893382187	1
T2DM	t_cell	<i>ATF6B</i>	-0.002305299	0.043228831	0.893382187	1
T2DM	t_cell	<i>ATRNL1</i>	-0.001865222	0.047556016	0.893382187	1
T2DM	t_cell	<i>BDNF</i>	-0.01320059	0.046540022	0.893382187	1
T2DM	t_cell	<i>BMPR1B</i>	-0.004529692	0.044144618	0.893382187	1
T2DM	t_cell	<i>BOC</i>	-0.001287322	0.010569657	0.893382187	1
T2DM	t_cell	<i>BTNL8</i>	-0.0072567	0.022499647	0.893382187	1
T2DM	t_cell	<i>BVES</i>	-0.023503289	0.000236623	0.87523063	1
T2DM	t_cell	<i>C1QL3</i>	-0.022684143	0.013297865	0.893382187	1
T2DM	t_cell	<i>CACFD1</i>	-0.024834427	0.031038857	0.893382187	1
T2DM	t_cell	<i>CAPN3</i>	-0.015496143	0.007420804	0.893382187	1
T2DM	t_cell	<i>CCDC153</i>	-0.025897877	0.019969531	0.893382187	1
T2DM	t_cell	<i>CCDC154</i>	-0.011037123	0.000378396	0.87523063	1
T2DM	t_cell	<i>CCDC158</i>	-0.014759779	0.046664994	0.893382187	1
T2DM	t_cell	<i>CCDC40</i>	-0.007602322	0.012058376	0.893382187	1
T2DM	t_cell	<i>CCDC89</i>	-0.04132677	0.026662688	0.893382187	1
T2DM	t_cell	<i>CCT3</i>	-0.004096034	0.02823987	0.893382187	1
T2DM	t_cell	<i>CEBPZ</i>	-0.001568795	0.032830258	0.893382187	1

T2DM	t_cell	<i>CENPP</i>	-0.002439091	0.00647089	0.893382187	1
T2DM	t_cell	<i>CENPV</i>	-0.007793799	0.030347526	0.893382187	1
T2DM	t_cell	<i>CEP192</i>	-0.001670056	0.043943243	0.893382187	1
T2DM	t_cell	<i>CFHR1</i>	-0.002984139	0.048472076	0.893382187	1
T2DM	t_cell	<i>CHRFAM7A</i>	-0.081976446	0.012644608	0.893382187	1
T2DM	t_cell	<i>CLDN7</i>	-0.010967575	0.00279807	0.893382187	1
T2DM	t_cell	<i>CLTCL1</i>	-0.003821017	0.046019085	0.893382187	1
T2DM	t_cell	<i>CMBL</i>	-0.006721185	0.048736408	0.893382187	1
T2DM	t_cell	<i>CNGB3</i>	-0.005412757	0.01990324	0.893382187	1
T2DM	t_cell	<i>COX4I2</i>	-0.008279155	0.010048027	0.893382187	1
T2DM	t_cell	<i>CPE</i>	-0.001489251	0.035135093	0.893382187	1
T2DM	t_cell	<i>CTNNAL1</i>	-0.003140756	0.039442556	0.893382187	1
T2DM	t_cell	<i>CTSF</i>	-0.005925487	0.036407599	0.893382187	1
T2DM	t_cell	<i>D2HGDH</i>	-0.003460918	0.046576259	0.893382187	1
T2DM	t_cell	<i>DAWI</i>	-0.027339353	0.013797592	0.893382187	1
T2DM	t_cell	<i>DCLK3</i>	-0.076268639	0.016426354	0.893382187	1
T2DM	t_cell	<i>DOCK5</i>	0.000980889	0.022694912	0.893382187	1
T2DM	t_cell	<i>DOCK8</i>	0.000588966	0.04069277	0.893382187	1
T2DM	t_cell	<i>DPH6-AS1</i>	-0.001723396	0.030426664	0.893382187	1
T2DM	t_cell	<i>DRD4</i>	-0.018041231	0.034238416	0.893382187	1
T2DM	t_cell	<i>DUSP8</i>	-0.012406908	0.035441288	0.893382187	1
T2DM	t_cell	<i>EFEMP2</i>	-0.007691892	0.046912612	0.893382187	1
T2DM	t_cell	<i>EFNB3</i>	-0.024159357	0.048650004	0.893382187	1
T2DM	t_cell	<i>EIF1AD</i>	-0.008774384	0.040522818	0.893382187	1
T2DM	t_cell	<i>ELOVL3</i>	-0.033812508	0.044637552	0.893382187	1
T2DM	t_cell	<i>ELP5</i>	-0.007576345	0.024272769	0.893382187	1
T2DM	t_cell	<i>ENPP1</i>	-0.005455921	0.00797187	0.893382187	1
T2DM	t_cell	<i>EPS8</i>	-0.000773734	0.038589786	0.893382187	1
T2DM	t_cell	<i>FAM107A</i>	-0.008575494	0.009767191	0.893382187	1
T2DM	t_cell	<i>FAM110D</i>	-0.009685175	0.030515519	0.893382187	1
T2DM	t_cell	<i>FIGN</i>	-0.000959612	0.048816716	0.893382187	1
T2DM	t_cell	<i>FLT4</i>	0.002908604	0.035360269	0.893382187	1
T2DM	t_cell	<i>FN3KRP</i>	-0.006396516	0.018184069	0.893382187	1
T2DM	t_cell	<i>GALR1</i>	-0.062869024	0.009967646	0.893382187	1
T2DM	t_cell	<i>GCFC2</i>	-0.001541651	0.031336867	0.893382187	1
T2DM	t_cell	<i>GLIPR1L2</i>	-0.006701811	0.046505129	0.893382187	1
T2DM	t_cell	<i>GOLGA6L10</i>	-0.026541746	0.044910522	0.893382187	1
T2DM	t_cell	<i>GOLGA6L4</i>	-0.018400312	0.04256599	0.893382187	1
T2DM	t_cell	<i>GOLM1</i>	-0.005819983	0.018156127	0.893382187	1
T2DM	t_cell	<i>GXYLT2</i>	-0.001777425	0.046398887	0.893382187	1
T2DM	t_cell	<i>HAR1A</i>	-0.041809841	0.000609403	0.893382187	1
T2DM	t_cell	<i>HLF</i>	-0.006778623	0.023694618	0.893382187	1
T2DM	t_cell	<i>IFT74</i>	-0.001986828	0.042830728	0.893382187	1
T2DM	t_cell	<i>IGFBP2</i>	-0.00523629	0.048504122	0.893382187	1
T2DM	t_cell	<i>IGSF11</i>	-0.007532316	0.037683649	0.893382187	1
T2DM	t_cell	<i>IK</i>	-0.004875151	0.021677589	0.893382187	1
T2DM	t_cell	<i>ITGB6</i>	-0.018648669	0.049916433	0.893382187	1
T2DM	t_cell	<i>ITPKC</i>	-0.004429628	0.046183577	0.893382187	1
T2DM	t_cell	<i>KIAA1109</i>	-0.001274946	0.008532603	0.893382187	1
T2DM	t_cell	<i>KNSTRN</i>	-0.009189364	0.006432256	0.893382187	1
T2DM	t_cell	<i>L1TD1</i>	-0.067251756	0.04090712	0.893382187	1
T2DM	t_cell	<i>LAMC3</i>	-0.004012134	0.033678595	0.893382187	1

T2DM	t_cell	<i>LINC01119</i>	-0.015877683	0.024785082	0.893382187	1
T2DM	t_cell	<i>LIP1</i>	-0.007324676	0.01438725	0.893382187	1
T2DM	t_cell	<i>LRRC41</i>	-0.002333868	0.017545272	0.893382187	1
T2DM	t_cell	<i>LURAP1</i>	-0.006144114	0.025266637	0.893382187	1
T2DM	t_cell	<i>LY6K</i>	-0.043790255	0.02456616	0.893382187	1
T2DM	t_cell	<i>LYRM4</i>	-0.002930629	0.02129414	0.893382187	1
T2DM	t_cell	<i>LYRM9</i>	-0.00550084	0.023959039	0.893382187	1
T2DM	t_cell	<i>MMP11</i>	-0.006196082	0.037366471	0.893382187	1
T2DM	t_cell	<i>MMRN1</i>	0.000818776	0.041207862	0.893382187	1
T2DM	t_cell	<i>MRPS26</i>	-0.005122604	0.039705375	0.893382187	1
T2DM	t_cell	<i>MTAP</i>	-0.004496909	0.024399228	0.893382187	1
T2DM	t_cell	<i>NALCN</i>	0.003402254	0.00868213	0.893382187	1
T2DM	t_cell	<i>NARFL</i>	0.005210538	0.049007984	0.893382187	1
T2DM	t_cell	<i>NDNF</i>	0.014396284	0.017679309	0.893382187	1
T2DM	t_cell	<i>NDUFB1</i>	-0.003005955	0.041330882	0.893382187	1
T2DM	t_cell	<i>NLRP2</i>	-0.013093657	0.029598582	0.893382187	1
T2DM	t_cell	<i>NME7</i>	-0.002194859	0.03619188	0.893382187	1
T2DM	t_cell	<i>NOS2</i>	-0.088836351	0.015105179	0.893382187	1
T2DM	t_cell	<i>NOV</i>	-0.008714859	0.019145594	0.893382187	1
T2DM	t_cell	<i>OBSL1</i>	-0.005242304	0.036662362	0.893382187	1
T2DM	t_cell	<i>OGN</i>	-0.002186291	0.031016146	0.893382187	1
T2DM	t_cell	<i>PABPC4</i>	-0.002716394	0.045355902	0.893382187	1
T2DM	t_cell	<i>PAK4</i>	-0.006709726	0.01967839	0.893382187	1
T2DM	t_cell	<i>PCDHA10</i>	-0.028091091	0.009447678	0.893382187	1
T2DM	t_cell	<i>PCDHA3</i>	-0.082966489	0.034639726	0.893382187	1
T2DM	t_cell	<i>PCDHA4</i>	-0.032318415	0.049998576	0.893382187	1
T2DM	t_cell	<i>PCDHA7</i>	-0.102690752	0.028341361	0.893382187	1
T2DM	t_cell	<i>PCDHGB6</i>	-0.01855585	0.03432629	0.893382187	1
T2DM	t_cell	<i>PEX12</i>	-0.008243934	0.047777984	0.893382187	1
T2DM	t_cell	<i>PGGT1B</i>	0.002272053	0.029359776	0.893382187	1
T2DM	t_cell	<i>PIGP</i>	-0.00291345	0.025537217	0.893382187	1
T2DM	t_cell	<i>PIGZ</i>	-0.004710233	0.034969791	0.893382187	1
T2DM	t_cell	<i>PRG4</i>	-0.004610827	0.010706702	0.893382187	1
T2DM	t_cell	<i>PRR5L</i>	0.00290566	0.025851726	0.893382187	1
T2DM	t_cell	<i>PRRT1</i>	-0.024069735	0.030528878	0.893382187	1
T2DM	t_cell	<i>RCN1</i>	-0.003986418	0.016353407	0.893382187	1
T2DM	t_cell	<i>RFWD2</i>	-0.000520049	0.027926976	0.893382187	1
T2DM	t_cell	<i>RIOK1</i>	-0.004077041	0.040762137	0.893382187	1
T2DM	t_cell	<i>SERF1B</i>	-0.074411888	0.019264484	0.893382187	1
T2DM	t_cell	<i>SGCZ</i>	-0.004206691	0.047775223	0.893382187	1
T2DM	t_cell	<i>SGSH</i>	-0.004874639	0.04126232	0.893382187	1
T2DM	t_cell	<i>SKIV2L</i>	-0.008997116	0.044121021	0.893382187	1
T2DM	t_cell	<i>SLC41A2</i>	-0.002437113	0.041038569	0.893382187	1
T2DM	t_cell	<i>SLC4A2</i>	-0.008176852	0.030157875	0.893382187	1
T2DM	t_cell	<i>SNRPC</i>	-0.005112113	0.030408133	0.893382187	1
T2DM	t_cell	<i>SPARC</i>	-0.001149932	0.0275115	0.893382187	1
T2DM	t_cell	<i>SPIRE2</i>	-0.006519257	0.034734002	0.893382187	1
T2DM	t_cell	<i>STAB2</i>	0.001934023	0.049232313	0.893382187	1
T2DM	t_cell	<i>STON1</i>	-0.007225075	0.010191955	0.893382187	1
T2DM	t_cell	<i>STON1-GTF2A1L</i>	-0.009986135	0.016767475	0.893382187	1
T2DM	t_cell	<i>SULF1</i>	-0.000948216	0.045700373	0.893382187	1
T2DM	t_cell	<i>TAP2</i>	-0.004744125	0.041708929	0.893382187	1

T2DM	t_cell	<i>TAS2R20</i>	-0.056751324	0.014122363	0.893382187	1
T2DM	t_cell	<i>TAS2R50</i>	-0.062430888	0.035410971	0.893382187	1
T2DM	t_cell	<i>TMC5</i>	-0.008121193	0.023801219	0.893382187	1
T2DM	t_cell	<i>TMCO6</i>	-0.00577821	0.03933251	0.893382187	1
T2DM	t_cell	<i>TMEM184B</i>	-0.003818515	0.030846682	0.893382187	1
T2DM	t_cell	<i>TMEM221</i>	-0.050210061	0.048458723	0.893382187	1
T2DM	t_cell	<i>TMEM231</i>	-0.010657095	0.02343779	0.893382187	1
T2DM	t_cell	<i>TMEM80</i>	-0.004417938	0.047418701	0.893382187	1
T2DM	t_cell	<i>TMEM8A</i>	-0.010481006	0.026209145	0.893382187	1
T2DM	t_cell	<i>TNFRSF11B</i>	-0.016686031	0.005848362	0.893382187	1
T2DM	t_cell	<i>TPBG</i>	-0.003078793	0.040250394	0.893382187	1
T2DM	t_cell	<i>TRMT10B</i>	-0.002348224	0.023830071	0.893382187	1
T2DM	t_cell	<i>TYW3</i>	-0.006704936	0.012642046	0.893382187	1
T2DM	t_cell	<i>WNT6</i>	-0.006748566	0.040889993	0.893382187	1
T2DM	t_cell	<i>ZFAND2A</i>	-0.005743339	0.01248144	0.893382187	1
T2DM	t_cell	<i>ZFPM1</i>	-0.006553199	0.02701646	0.893382187	1
T2DM	t_cell	<i>ZNF223</i>	0.02001033	0.00572283	0.893382187	1
T2DM	t_cell	<i>ZNF621</i>	-0.00503215	0.045512473	0.893382187	1
T2DM	t_cell	<i>OPN4</i>	-0.019822221	0.020977697	0.893382187	1
T2DM	t_cell	<i>PDE6H</i>	-0.085205226	0.035186602	0.893382187	1
T2DM	t_cell	<i>SRXN1</i>	-0.00695123	0.025646763	0.893382187	1
T2DM	t_cell	<i>KIF25-AS1</i>	-0.00521765	0.022988965	0.893382187	1
HTN	adipocyte	<i>A1BG</i>	-0.016326346	0.02632638	0.517694368	1
HTN	adipocyte	<i>ABCD3</i>	-0.003441908	0.030728551	0.517694368	1
HTN	adipocyte	<i>ABLM2</i>	-0.008242229	0.025231036	0.517694368	1
HTN	adipocyte	<i>AC004466.1</i>	-0.097899606	0.00681872	0.517694368	1
HTN	adipocyte	<i>ACADL</i>	-0.006025227	0.043474792	0.517694368	1
HTN	adipocyte	<i>ACCS</i>	-0.010424626	0.012182395	0.517694368	1
HTN	adipocyte	<i>ACE</i>	-0.014207591	0.012699368	0.517694368	1
HTN	adipocyte	<i>ACP2</i>	-0.011082989	0.045225207	0.517694368	1
HTN	adipocyte	<i>ACTN4</i>	-0.003181199	0.043055877	0.517694368	1
HTN	adipocyte	<i>AD11</i>	-0.010859604	0.037088541	0.517694368	1
HTN	adipocyte	<i>AFAP1L2</i>	-0.009781071	0.025394533	0.517694368	1
HTN	adipocyte	<i>AGER</i>	-0.01580192	0.043532059	0.517694368	1
HTN	adipocyte	<i>AGK</i>	-0.008513017	0.010296293	0.517694368	1
HTN	adipocyte	<i>AGRN</i>	-0.008583984	0.028452286	0.517694368	1
HTN	adipocyte	<i>AK3</i>	-0.005727235	0.033933206	0.517694368	1
HTN	adipocyte	<i>ALYREF</i>	-0.057447542	0.006986445	0.517694368	1
HTN	adipocyte	<i>ANGPTL5</i>	-0.034690222	0.037324704	0.517694368	1
HTN	adipocyte	<i>ANKLE1</i>	-0.044100361	0.01304254	0.517694368	1
HTN	adipocyte	<i>ANXA3</i>	-0.004315548	0.046259266	0.517694368	1
HTN	adipocyte	<i>AP000350.4</i>	-0.041583699	0.041972251	0.517694368	1
HTN	adipocyte	<i>AP000350.5</i>	-0.032868254	0.034128724	0.517694368	1
HTN	adipocyte	<i>APBB1</i>	-0.01362193	0.013685229	0.517694368	1
HTN	adipocyte	<i>APIP</i>	-0.007031777	0.035541818	0.517694368	1
HTN	adipocyte	<i>ARHGAP33</i>	-0.020766403	0.017507717	0.517694368	1
HTN	adipocyte	<i>ARHGEF18</i>	-0.043620052	0.027082313	0.517694368	1
HTN	adipocyte	<i>ART5</i>	-0.110773035	0.038770937	0.517694368	1
HTN	adipocyte	<i>ARV1</i>	-0.014306581	0.022775373	0.517694368	1
HTN	adipocyte	<i>ASAP3</i>	-0.006595882	0.029869777	0.517694368	1
HTN	adipocyte	<i>ASPG</i>	-0.090986644	0.025621164	0.517694368	1
HTN	adipocyte	<i>ATN1</i>	-0.01303822	0.023588751	0.517694368	1

HTN	adipocyte	<i>ATOH8</i>	-0.014442605	0.005045642	0.517694368	1
HTN	adipocyte	<i>ATP8A1</i>	-0.002249195	0.021343447	0.517694368	1
HTN	adipocyte	<i>ATP8B3</i>	-0.022858684	0.024583955	0.517694368	1
HTN	adipocyte	<i>BARX1</i>	-0.07629015	0.02045329	0.517694368	1
HTN	adipocyte	<i>BCKDHA</i>	-0.063256725	0.02135032	0.517694368	1
HTN	adipocyte	<i>BCL7B</i>	-0.008323149	0.035355219	0.517694368	1
HTN	adipocyte	<i>BDH2</i>	-0.00682019	0.045330537	0.517694368	1
HTN	adipocyte	<i>BMPRI1A</i>	-0.002294507	0.030697352	0.517694368	1
HTN	adipocyte	<i>BTBD16</i>	-0.031020305	0.020889507	0.517694368	1
HTN	adipocyte	<i>BTN3A2</i>	-0.005527555	0.024706541	0.517694368	1
HTN	adipocyte	<i>BTNL8</i>	-0.011387993	0.03604669	0.517694368	1
HTN	adipocyte	<i>C12orf43</i>	-0.026354687	0.023041962	0.517694368	1
HTN	adipocyte	<i>C12orf57</i>	-0.012397453	0.019768711	0.517694368	1
HTN	adipocyte	<i>C16orf46</i>	-0.084067115	0.026901423	0.517694368	1
HTN	adipocyte	<i>C16orf86</i>	-0.022588677	0.032075655	0.517694368	1
HTN	adipocyte	<i>C18orf32</i>	-0.015171157	0.018337982	0.517694368	1
HTN	adipocyte	<i>C19orf48</i>	-0.012941108	0.049373716	0.517694368	1
HTN	adipocyte	<i>C19orf54</i>	-0.019453851	0.04065947	0.517694368	1
HTN	adipocyte	<i>C7orf49</i>	-0.004492358	0.028385652	0.517694368	1
HTN	adipocyte	<i>C7orf73</i>	-0.00499526	0.041685093	0.517694368	1
HTN	adipocyte	<i>C9orf43</i>	-0.038381591	0.019924781	0.517694368	1
HTN	adipocyte	<i>CACNA1H</i>	-0.008291201	0.041574116	0.517694368	1
HTN	adipocyte	<i>CALML4</i>	-0.045123891	0.019255239	0.517694368	1
HTN	adipocyte	<i>CAPG</i>	-0.007577977	0.034101987	0.517694368	1
HTN	adipocyte	<i>CAPN11</i>	-0.061203166	0.027581513	0.517694368	1
HTN	adipocyte	<i>CAPN12</i>	-0.016670909	0.03336388	0.517694368	1
HTN	adipocyte	<i>CAPN9</i>	-0.028310048	0.001391756	0.517694368	1
HTN	adipocyte	<i>CARHSP1</i>	-0.004259056	0.016023751	0.517694368	1
HTN	adipocyte	<i>CATSPER2</i>	-0.014756653	0.002300377	0.517694368	1
HTN	adipocyte	<i>CBFB</i>	-0.003761995	0.014494628	0.517694368	1
HTN	adipocyte	<i>CBRI</i>	-0.012572156	0.02456202	0.517694368	1
HTN	adipocyte	<i>CBWD1</i>	0.011489165	0.023937512	0.517694368	1
HTN	adipocyte	<i>CCDC134</i>	-0.014109412	0.046848581	0.517694368	1
HTN	adipocyte	<i>CCDC153</i>	-0.040041586	0.035485594	0.517694368	1
HTN	adipocyte	<i>CCDC68</i>	-0.007207712	0.022016685	0.517694368	1
HTN	adipocyte	<i>CCL14</i>	-0.036000222	0.022942967	0.517694368	1
HTN	adipocyte	<i>CCL16</i>	-0.069853604	0.005645659	0.517694368	1
HTN	adipocyte	<i>CCT3</i>	-0.006515274	0.041371508	0.517694368	1
HTN	adipocyte	<i>CD3EAP</i>	-0.011413532	0.033140499	0.517694368	1
HTN	adipocyte	<i>CD7</i>	-0.009744808	0.048896042	0.517694368	1
HTN	adipocyte	<i>CDC42EP1</i>	-0.015986553	0.012160242	0.517694368	1
HTN	adipocyte	<i>CDH23</i>	-0.002028771	0.03417742	0.517694368	1
HTN	adipocyte	<i>CDK10</i>	-0.00741806	0.044951991	0.517694368	1
HTN	adipocyte	<i>CDK2AP1</i>	-0.012722964	0.034506511	0.517694368	1
HTN	adipocyte	<i>CENPK</i>	-0.012399134	0.047772535	0.517694368	1
HTN	adipocyte	<i>CENPU</i>	-0.025668206	0.025161614	0.517694368	1
HTN	adipocyte	<i>CEP164</i>	-0.00355362	0.041221618	0.517694368	1
HTN	adipocyte	<i>CFL2</i>	-0.00944027	0.04342886	0.517694368	1
HTN	adipocyte	<i>CHCHD2</i>	-0.008085908	0.040259445	0.517694368	1
HTN	adipocyte	<i>CHRFAM7A</i>	-0.120902593	0.031752711	0.517694368	1
HTN	adipocyte	<i>CIAPIN1</i>	-0.007686357	0.003573354	0.517694368	1
HTN	adipocyte	<i>CKMT2</i>	-0.011829499	0.030013231	0.517694368	1

HTN	adipocyte	<i>CLIC6</i>	-0.022471166	0.019807095	0.517694368	1
HTN	adipocyte	<i>CLSTN3</i>	-0.013877937	0.017246982	0.517694368	1
HTN	adipocyte	<i>CLUL1</i>	-0.061250737	0.038728992	0.517694368	1
HTN	adipocyte	<i>CNPY4</i>	-0.018652236	0.030652893	0.517694368	1
HTN	adipocyte	<i>COMMD2</i>	-0.008981941	0.013086474	0.517694368	1
HTN	adipocyte	<i>CORO2A</i>	-0.014473897	0.036099554	0.517694368	1
HTN	adipocyte	<i>CPLX1</i>	-0.018896328	0.004026169	0.517694368	1
HTN	adipocyte	<i>CPT1B</i>	-0.027185105	0.049025738	0.517694368	1
HTN	adipocyte	<i>CRYZ</i>	-0.008784158	0.035134466	0.517694368	1
HTN	adipocyte	<i>CSTF1</i>	-0.007258399	0.039260862	0.517694368	1
HTN	adipocyte	<i>CTSW</i>	-0.006732996	0.020094374	0.517694368	1
HTN	adipocyte	<i>CTU2</i>	-0.026091161	0.025571285	0.517694368	1
HTN	adipocyte	<i>CUTA</i>	-0.008937631	0.0298288	0.517694368	1
HTN	adipocyte	<i>CWC15</i>	-0.005796144	0.004089515	0.517694368	1
HTN	adipocyte	<i>CYB5D2</i>	-0.006660621	0.039447966	0.517694368	1
HTN	adipocyte	<i>CYB5R2</i>	-0.036464305	0.047581441	0.517694368	1
HTN	adipocyte	<i>CYP2D6</i>	-0.057571371	0.047393971	0.517694368	1
HTN	adipocyte	<i>DCAF4</i>	-0.017284448	0.034746267	0.517694368	1
HTN	adipocyte	<i>DIS3L</i>	-0.007620014	0.043567876	0.517694368	1
HTN	adipocyte	<i>DKKL1</i>	-0.103312862	0.027399631	0.517694368	1
HTN	adipocyte	<i>DNAH7</i>	-0.008742172	0.047135381	0.517694368	1
HTN	adipocyte	<i>DNPH1</i>	-0.012154699	0.02253593	0.517694368	1
HTN	adipocyte	<i>DOK7</i>	-0.099913984	0.030450689	0.517694368	1
HTN	adipocyte	<i>DPF1</i>	-0.064515845	0.008256415	0.517694368	1
HTN	adipocyte	<i>DSCC1</i>	-0.014756502	0.049746779	0.517694368	1
HTN	adipocyte	<i>DUS3L</i>	-0.028709832	0.005666887	0.517694368	1
HTN	adipocyte	<i>DUSP15</i>	-0.045117448	0.015168905	0.517694368	1
HTN	adipocyte	<i>DUSP19</i>	-0.030989864	0.029826693	0.517694368	1
HTN	adipocyte	<i>DUSP23</i>	-0.022522097	0.000840243	0.517694368	1
HTN	adipocyte	<i>DYRK3</i>	-0.020138755	0.025658838	0.517694368	1
HTN	adipocyte	<i>EBF4</i>	-0.019375704	0.009996399	0.517694368	1
HTN	adipocyte	<i>EFCAB7</i>	-0.008191071	0.023695954	0.517694368	1
HTN	adipocyte	<i>EFNB3</i>	-0.043700797	0.036762766	0.517694368	1
HTN	adipocyte	<i>EIF2B2</i>	-0.013023681	0.012896326	0.517694368	1
HTN	adipocyte	<i>ELOVL4</i>	-0.07781634	0.007283766	0.517694368	1
HTN	adipocyte	<i>EPDR1</i>	-0.008502685	0.037381372	0.517694368	1
HTN	adipocyte	<i>ERCC2</i>	-0.015505587	0.020137454	0.517694368	1
HTN	adipocyte	<i>ERVW-1</i>	-0.018441597	0.033804564	0.517694368	1
HTN	adipocyte	<i>FAHD1</i>	-0.012259914	0.036505317	0.517694368	1
HTN	adipocyte	<i>FAM114A1</i>	-0.006255883	0.013910907	0.517694368	1
HTN	adipocyte	<i>FAM181B</i>	-0.058451421	0.021018485	0.517694368	1
HTN	adipocyte	<i>FAM210B</i>	-0.013631741	0.040208525	0.517694368	1
HTN	adipocyte	<i>FAM32A</i>	-0.019973256	0.022460822	0.517694368	1
HTN	adipocyte	<i>FAM3B</i>	-0.022875193	0.009376517	0.517694368	1
HTN	adipocyte	<i>FAM83F</i>	-0.067557721	0.049289508	0.517694368	1
HTN	adipocyte	<i>FANCF</i>	-0.021635288	0.002446054	0.517694368	1
HTN	adipocyte	<i>FBXL6</i>	-0.011635321	0.046570189	0.517694368	1
HTN	adipocyte	<i>FBXO2</i>	-0.039527932	0.04786051	0.517694368	1
HTN	adipocyte	<i>FBXO22</i>	-0.005111416	0.048063344	0.517694368	1
HTN	adipocyte	<i>FBXO39</i>	-0.071774548	0.020142828	0.517694368	1
HTN	adipocyte	<i>FBXO44</i>	-0.021951785	0.03239126	0.517694368	1
HTN	adipocyte	<i>FGFR4</i>	-0.072961868	0.028228999	0.517694368	1

HTN	adipocyte	<i>FITM1</i>	-0.071181532	0.021846827	0.517694368	1
HTN	adipocyte	<i>GABRB3</i>	-0.032653192	0.042071988	0.517694368	1
HTN	adipocyte	<i>GAD1</i>	-0.028625964	0.027270237	0.517694368	1
HTN	adipocyte	<i>GALNT3</i>	-0.006109424	0.022796079	0.517694368	1
HTN	adipocyte	<i>GATC</i>	-0.012881587	0.040309824	0.517694368	1
HTN	adipocyte	<i>GBA</i>	-0.010781375	0.036543098	0.517694368	1
HTN	adipocyte	<i>GBA2</i>	-0.004826675	0.041566808	0.517694368	1
HTN	adipocyte	<i>GBP7</i>	-0.033068454	0.047495206	0.517694368	1
HTN	adipocyte	<i>GFER</i>	-0.030789748	0.0377139	0.517694368	1
HTN	adipocyte	<i>GFOD1</i>	-0.002510107	0.042559254	0.517694368	1
HTN	adipocyte	<i>GHRL</i>	-0.009958195	0.006942642	0.517694368	1
HTN	adipocyte	<i>GLIPR1L2</i>	-0.01282512	0.02633977	0.517694368	1
HTN	adipocyte	<i>GMPR</i>	-0.00567833	0.042061469	0.517694368	1
HTN	adipocyte	<i>GNG10</i>	-0.0539364	0.031289981	0.517694368	1
HTN	adipocyte	<i>GNPTAB</i>	-0.001907126	0.044505724	0.517694368	1
HTN	adipocyte	<i>GOLGA8H</i>	-0.022381741	0.039333981	0.517694368	1
HTN	adipocyte	<i>GOLGA8K</i>	-0.108861439	0.01466601	0.517694368	1
HTN	adipocyte	<i>GP6</i>	-0.021928782	0.016958825	0.517694368	1
HTN	adipocyte	<i>GPATCH3</i>	-0.013584003	0.02604575	0.517694368	1
HTN	adipocyte	<i>GPR156</i>	-0.014460941	0.036383442	0.517694368	1
HTN	adipocyte	<i>GPRC5B</i>	-0.010124016	0.048677417	0.517694368	1
HTN	adipocyte	<i>HACE1</i>	-0.00452849	0.019171592	0.517694368	1
HTN	adipocyte	<i>HDCC2</i>	-0.007968835	0.028348154	0.517694368	1
HTN	adipocyte	<i>HMOX2</i>	-0.005202028	0.010727444	0.517694368	1
HTN	adipocyte	<i>HNRNPAIL2</i>	-0.048453285	0.031010716	0.517694368	1
HTN	adipocyte	<i>HPS1</i>	-0.008903034	0.028011963	0.517694368	1
HTN	adipocyte	<i>HRCT1</i>	-0.037202878	0.045746109	0.517694368	1
HTN	adipocyte	<i>HSD17B11</i>	-0.003677168	0.040434982	0.517694368	1
HTN	adipocyte	<i>HSD17B13</i>	-0.074467831	0.008723535	0.517694368	1
HTN	adipocyte	<i>HSD17B8</i>	-0.049393705	0.008293829	0.517694368	1
HTN	adipocyte	<i>HSPA12A</i>	-0.004699915	0.018156581	0.517694368	1
HTN	adipocyte	<i>HTATIP2</i>	-0.00878458	0.018225152	0.517694368	1
HTN	adipocyte	<i>HYAL3</i>	-0.105723915	0.019703557	0.517694368	1
HTN	adipocyte	<i>ICMT</i>	-0.024426239	0.010821903	0.517694368	1
HTN	adipocyte	<i>IDH2</i>	-0.004778005	0.032584984	0.517694368	1
HTN	adipocyte	<i>IFI27L2</i>	-0.021016164	0.003257891	0.517694368	1
HTN	adipocyte	<i>IFT140</i>	-0.006729666	0.028281578	0.517694368	1
HTN	adipocyte	<i>IGSF11</i>	-0.012659656	0.041346446	0.517694368	1
HTN	adipocyte	<i>IL17RB</i>	-0.018097705	0.029509334	0.517694368	1
HTN	adipocyte	<i>INO80B</i>	-0.014066428	0.023329531	0.517694368	1
HTN	adipocyte	<i>IP6K3</i>	-0.032276039	0.040757683	0.517694368	1
HTN	adipocyte	<i>ITGB3BP</i>	-0.003159486	0.0290575	0.517694368	1
HTN	adipocyte	<i>ITPKC</i>	-0.007805858	0.040739571	0.517694368	1
HTN	adipocyte	<i>ITPRIPL1</i>	-0.032811806	0.008434324	0.517694368	1
HTN	adipocyte	<i>KBTBD12</i>	-0.009903249	0.016072578	0.517694368	1
HTN	adipocyte	<i>KCNK7</i>	-0.095654747	0.043911904	0.517694368	1
HTN	adipocyte	<i>KCTD10</i>	-0.010583819	0.045334243	0.517694368	1
HTN	adipocyte	<i>KDM8</i>	-0.023780678	0.027310271	0.517694368	1
HTN	adipocyte	<i>KIAA1109</i>	-0.001874939	0.024562851	0.517694368	1
HTN	adipocyte	<i>KIAA1841</i>	-0.003373717	0.039658679	0.517694368	1
HTN	adipocyte	<i>KRBA2</i>	-0.059820497	0.037064634	0.517694368	1
HTN	adipocyte	<i>KREMEN1</i>	-0.003329797	0.038256392	0.517694368	1

HTN	adipocyte	<i>LITD1</i>	-0.116746016	0.0383248	0.517694368	1
HTN	adipocyte	<i>LCAT</i>	0.006904503	0.044651569	0.517694368	1
HTN	adipocyte	<i>LCLAT1</i>	-0.003105043	0.034660919	0.517694368	1
HTN	adipocyte	<i>LIN7B</i>	-0.010470533	0.020657655	0.517694368	1
HTN	adipocyte	<i>LINC00092</i>	-0.034617986	0.010176186	0.517694368	1
HTN	adipocyte	<i>LINC00487</i>	-0.115792975	0.025543795	0.517694368	1
HTN	adipocyte	<i>LINC00607</i>	-0.010486563	0.041064469	0.517694368	1
HTN	adipocyte	<i>LINC00672</i>	-0.03965883	0.02516845	0.517694368	1
HTN	adipocyte	<i>LINC00675</i>	-0.078841876	0.008718897	0.517694368	1
HTN	adipocyte	<i>LINC00707</i>	-0.077506464	0.037627833	0.517694368	1
HTN	adipocyte	<i>LINC00941</i>	-0.104054173	0.012561091	0.517694368	1
HTN	adipocyte	<i>LINC00960</i>	-0.063059922	0.04182093	0.517694368	1
HTN	adipocyte	<i>LINC01166</i>	-0.173605596	0.009479638	0.517694368	1
HTN	adipocyte	<i>LMAN2L</i>	-0.010951867	0.004942264	0.517694368	1
HTN	adipocyte	<i>LRGUK</i>	-0.014757971	0.030299314	0.517694368	1
HTN	adipocyte	<i>LRIT3</i>	-0.040822934	0.048404245	0.517694368	1
HTN	adipocyte	<i>LRP6</i>	-0.005532876	0.02361781	0.517694368	1
HTN	adipocyte	<i>LRRC56</i>	-0.072190086	0.039144506	0.517694368	1
HTN	adipocyte	<i>LRRC57</i>	-0.005082321	0.048139462	0.517694368	1
HTN	adipocyte	<i>LRRCC1</i>	-0.012079074	0.022418353	0.517694368	1
HTN	adipocyte	<i>LY6K</i>	-0.072015571	0.030410545	0.517694368	1
HTN	adipocyte	<i>LY75</i>	-0.012475724	0.026205924	0.517694368	1
HTN	adipocyte	<i>MAP3K11</i>	-0.005218908	0.047925348	0.517694368	1
HTN	adipocyte	<i>MATN4</i>	-0.094962016	0.039707009	0.517694368	1
HTN	adipocyte	<i>MCM8</i>	-0.02150333	0.004509945	0.517694368	1
HTN	adipocyte	<i>MDGA1</i>	-0.019303648	0.001108938	0.517694368	1
HTN	adipocyte	<i>MDH1</i>	-0.008396009	0.002706235	0.517694368	1
HTN	adipocyte	<i>MESP2</i>	-0.046213826	0.016940746	0.517694368	1
HTN	adipocyte	<i>MET</i>	-0.003745958	0.036299396	0.517694368	1
HTN	adipocyte	<i>METTL2B</i>	-0.014996625	0.029141285	0.517694368	1
HTN	adipocyte	<i>MFF</i>	-0.004473992	0.017520151	0.517694368	1
HTN	adipocyte	<i>MFSD5</i>	-0.024887158	0.032621867	0.517694368	1
HTN	adipocyte	<i>MFSD6</i>	-0.004662022	0.045316139	0.517694368	1
HTN	adipocyte	<i>MICA</i>	-0.007891399	0.040891305	0.517694368	1
HTN	adipocyte	<i>MIEN1</i>	-0.012652701	0.045617582	0.517694368	1
HTN	adipocyte	<i>MIF</i>	-0.014389946	0.024432524	0.517694368	1
HTN	adipocyte	<i>MLF2</i>	-0.009384652	0.043714939	0.517694368	1
HTN	adipocyte	<i>MOCOS</i>	-0.03127979	0.020398376	0.517694368	1
HTN	adipocyte	<i>MROH8</i>	-0.010565112	0.024115333	0.517694368	1
HTN	adipocyte	<i>MRPL20</i>	-0.004591878	0.02323313	0.517694368	1
HTN	adipocyte	<i>MRPL36</i>	-0.015215975	0.0104855	0.517694368	1
HTN	adipocyte	<i>MRPL55</i>	-0.014485456	0.01470634	0.517694368	1
HTN	adipocyte	<i>MTIM</i>	-0.01805866	0.025943491	0.517694368	1
HTN	adipocyte	<i>MTFR1L</i>	-0.011805785	0.012945654	0.517694368	1
HTN	adipocyte	<i>MTHFR</i>	-0.007454491	0.028582302	0.517694368	1
HTN	adipocyte	<i>MUT</i>	-0.010401928	0.029433473	0.517694368	1
HTN	adipocyte	<i>MYOM2</i>	-0.024171338	0.015232884	0.517694368	1
HTN	adipocyte	<i>NAALADL1</i>	-0.020612426	0.03083825	0.517694368	1
HTN	adipocyte	<i>NBPF12</i>	-0.010109392	0.025604155	0.517694368	1
HTN	adipocyte	<i>NCSI</i>	-0.018852898	0.020667515	0.517694368	1
HTN	adipocyte	<i>NDUFA12</i>	-0.008719695	0.009248729	0.517694368	1
HTN	adipocyte	<i>NDUFC2</i>	-0.008762359	0.041510182	0.517694368	1

HTN	adipocyte	<i>NEK4</i>	-0.007871153	0.03688051	0.517694368	1
HTN	adipocyte	<i>NEK9</i>	-0.00329598	0.0369019	0.517694368	1
HTN	adipocyte	<i>NEU4</i>	-0.080913708	0.040418599	0.517694368	1
HTN	adipocyte	<i>NIPSNAP1</i>	-0.014566378	0.041060774	0.517694368	1
HTN	adipocyte	<i>NKAIN4</i>	-0.027157109	0.030064009	0.517694368	1
HTN	adipocyte	<i>NMNAT2</i>	-0.005742793	0.034105942	0.517694368	1
HTN	adipocyte	<i>NMRAL1</i>	-0.01134801	0.001438145	0.517694368	1
HTN	adipocyte	<i>NOL6</i>	-0.011695658	0.045584069	0.517694368	1
HTN	adipocyte	<i>NOTCH2NL</i>	-0.072456458	0.042221841	0.517694368	1
HTN	adipocyte	<i>NPIP4</i>	-0.014513906	0.017290229	0.517694368	1
HTN	adipocyte	<i>NPNT</i>	-0.003599396	0.049115362	0.517694368	1
HTN	adipocyte	<i>NT5DC1</i>	0.002450733	0.041374194	0.517694368	1
HTN	adipocyte	<i>NUDT14</i>	-0.040027174	0.007193498	0.517694368	1
HTN	adipocyte	<i>NUP205</i>	-0.005572309	0.046949615	0.517694368	1
HTN	adipocyte	<i>OR4N2</i>	-0.120571021	0.00488884	0.517694368	1
HTN	adipocyte	<i>OR51E1</i>	-0.029985267	0.007556077	0.517694368	1
HTN	adipocyte	<i>ORAI1</i>	-0.02207609	0.043108945	0.517694368	1
HTN	adipocyte	<i>ORC4</i>	-0.004034027	0.037358133	0.517694368	1
HTN	adipocyte	<i>OSCP1</i>	-0.009655997	0.047823857	0.517694368	1
HTN	adipocyte	<i>OSER1</i>	-0.00884279	0.030507616	0.517694368	1
HTN	adipocyte	<i>PAFAH2</i>	-0.011293203	0.015922055	0.517694368	1
HTN	adipocyte	<i>PCDHA4</i>	-0.06360731	0.024173434	0.517694368	1
HTN	adipocyte	<i>PDZK1IP1</i>	-0.033621026	0.00895128	0.517694368	1
HTN	adipocyte	<i>PENK</i>	-0.121811589	0.030601881	0.517694368	1
HTN	adipocyte	<i>PF4</i>	-0.005477391	0.036979989	0.517694368	1
HTN	adipocyte	<i>PFDNI</i>	-0.003915088	0.017828778	0.517694368	1
HTN	adipocyte	<i>PKD1</i>	-0.008424023	0.044556972	0.517694368	1
HTN	adipocyte	<i>PLEKHA4</i>	-0.011262654	0.021047724	0.517694368	1
HTN	adipocyte	<i>PLLP</i>	-0.012187944	0.040763815	0.517694368	1
HTN	adipocyte	<i>PLVAP</i>	-0.008373839	0.032872812	0.517694368	1
HTN	adipocyte	<i>PNLDC1</i>	-0.042335494	0.046384564	0.517694368	1
HTN	adipocyte	<i>POC5</i>	-0.008719428	0.049651365	0.517694368	1
HTN	adipocyte	<i>POLE3</i>	-0.012102917	0.005883782	0.517694368	1
HTN	adipocyte	<i>POLR2J</i>	-0.014743188	0.012474632	0.517694368	1
HTN	adipocyte	<i>POMZP3</i>	-0.012729141	0.043561188	0.517694368	1
HTN	adipocyte	<i>PRDX5</i>	-0.008210947	0.035400178	0.517694368	1
HTN	adipocyte	<i>PRG4</i>	-0.007728974	0.012748001	0.517694368	1
HTN	adipocyte	<i>PROM2</i>	-0.151798491	0.004092137	0.517694368	1
HTN	adipocyte	<i>PRR4</i>	-0.005229918	0.042698068	0.517694368	1
HTN	adipocyte	<i>PSD4</i>	-0.011011158	0.038110408	0.517694368	1
HTN	adipocyte	<i>PSMG3-AS1</i>	-0.02170917	0.016015319	0.517694368	1
HTN	adipocyte	<i>PTER</i>	-0.007431996	0.046920418	0.517694368	1
HTN	adipocyte	<i>PTN</i>	-0.006552548	0.042168771	0.517694368	1
HTN	adipocyte	<i>PTTG1IP</i>	-0.004485983	0.048486853	0.517694368	1
HTN	adipocyte	<i>PYROXD2</i>	-0.008198886	0.023194427	0.517694368	1
HTN	adipocyte	<i>PYURF</i>	-0.017191907	0.013031582	0.517694368	1
HTN	adipocyte	<i>RAB13</i>	-0.012715035	0.036273262	0.517694368	1
HTN	adipocyte	<i>RAPGEF6</i>	-0.016464245	0.000945227	0.517694368	1
HTN	adipocyte	<i>RCBTB1</i>	-0.005852936	0.033006423	0.517694368	1
HTN	adipocyte	<i>RCCD1</i>	-0.01587763	0.046355096	0.517694368	1
HTN	adipocyte	<i>REEP3</i>	-0.004546869	0.028585254	0.517694368	1
HTN	adipocyte	<i>RGS10</i>	-0.004254605	0.044883276	0.517694368	1

HTN	adipocyte	<i>RHCE</i>	-0.038662561	0.009568706	0.517694368	1
HTN	adipocyte	<i>RIOK1</i>	-0.008206929	0.016413362	0.517694368	1
HTN	adipocyte	<i>RNASEH2C</i>	-0.012452027	0.012268912	0.517694368	1
HTN	adipocyte	<i>ROM1</i>	-0.034374113	0.009062808	0.517694368	1
HTN	adipocyte	<i>RPL12</i>	-0.003207447	0.036568404	0.517694368	1
HTN	adipocyte	<i>RPL3L</i>	-0.092268661	0.048026952	0.517694368	1
HTN	adipocyte	<i>RPL7L1</i>	-0.007897091	0.03099732	0.517694368	1
HTN	adipocyte	<i>RRAGA</i>	-0.022789311	0.036877999	0.517694368	1
HTN	adipocyte	<i>RRN3</i>	-0.013442691	0.00747253	0.517694368	1
HTN	adipocyte	<i>RSPH4A</i>	-0.053998383	0.023698796	0.517694368	1
HTN	adipocyte	<i>RUVBL2</i>	-0.02575418	0.005841509	0.517694368	1
HTN	adipocyte	<i>RWDD2B</i>	-0.016819938	0.004708318	0.517694368	1
HTN	adipocyte	<i>S100B</i>	-0.005242361	0.036472726	0.517694368	1
HTN	adipocyte	<i>SACMIL</i>	-0.005473745	0.016280294	0.517694368	1
HTN	adipocyte	<i>SCD</i>	-0.00738864	0.002435434	0.517694368	1
HTN	adipocyte	<i>SEC14L6</i>	-0.037668125	0.01208432	0.517694368	1
HTN	adipocyte	<i>SEC61G</i>	-0.010564417	0.041429099	0.517694368	1
HTN	adipocyte	<i>SEMA3F</i>	-0.021077627	0.012878288	0.517694368	1
HTN	adipocyte	<i>SEMA7A</i>	-0.042684294	0.002104747	0.517694368	1
HTN	adipocyte	<i>SENP5</i>	-0.002607899	0.012607337	0.517694368	1
HTN	adipocyte	<i>Sep-01</i>	-0.008167244	0.024684048	0.517694368	1
HTN	adipocyte	<i>SERINC3</i>	-0.004852015	0.041658279	0.517694368	1
HTN	adipocyte	<i>SH3TC2</i>	-0.02087373	0.034029709	0.517694368	1
HTN	adipocyte	<i>SHPK</i>	-0.02354548	0.012406932	0.517694368	1
HTN	adipocyte	<i>SLC10A5</i>	-0.031938524	0.019834248	0.517694368	1
HTN	adipocyte	<i>SLC14A1</i>	-0.020998355	0.028617983	0.517694368	1
HTN	adipocyte	<i>SLC22A16</i>	-0.048313771	0.046357251	0.517694368	1
HTN	adipocyte	<i>SLC25A38</i>	-0.012966228	0.033980492	0.517694368	1
HTN	adipocyte	<i>SLC25A41</i>	-0.072270021	0.025971089	0.517694368	1
HTN	adipocyte	<i>SLC30A4</i>	-0.010992968	0.041432736	0.517694368	1
HTN	adipocyte	<i>SLC37A4</i>	-0.026834244	0.004995176	0.517694368	1
HTN	adipocyte	<i>SLC39A13</i>	-0.017447969	0.022785732	0.517694368	1
HTN	adipocyte	<i>SLC7A9</i>	-0.02636192	0.029965377	0.517694368	1
HTN	adipocyte	<i>SMG5</i>	-0.007439536	0.010718662	0.517694368	1
HTN	adipocyte	<i>SNX15</i>	-0.098880907	0.01388248	0.517694368	1
HTN	adipocyte	<i>SOX7</i>	-0.017375545	0.048309902	0.517694368	1
HTN	adipocyte	<i>SPP1</i>	-0.02022677	0.028031892	0.517694368	1
HTN	adipocyte	<i>SPRYD4</i>	-0.018426752	0.049619206	0.517694368	1
HTN	adipocyte	<i>SPTSSB</i>	-0.061562838	0.017879815	0.517694368	1
HTN	adipocyte	<i>SSBP4</i>	-0.005609228	0.035651547	0.517694368	1
HTN	adipocyte	<i>SSC5D</i>	-0.009516497	0.024738321	0.517694368	1
HTN	adipocyte	<i>ST3GAL4</i>	-0.007097657	0.045986053	0.517694368	1
HTN	adipocyte	<i>STXBP4</i>	-0.006105065	0.030890704	0.517694368	1
HTN	adipocyte	<i>SURF6</i>	-0.009763276	0.043870432	0.517694368	1
HTN	adipocyte	<i>SYCE1L</i>	-0.022279427	0.022144772	0.517694368	1
HTN	adipocyte	<i>SYTI5</i>	-0.044542235	0.015210113	0.517694368	1
HTN	adipocyte	<i>TAF1C</i>	-0.01334066	0.028277478	0.517694368	1
HTN	adipocyte	<i>TAS2R4</i>	-0.018110069	0.007100106	0.517694368	1
HTN	adipocyte	<i>TAS2R50</i>	-0.117241505	0.021168075	0.517694368	1
HTN	adipocyte	<i>TBKBP1</i>	-0.031559385	0.005099642	0.517694368	1
HTN	adipocyte	<i>TCEA3</i>	-0.008001078	0.013821555	0.517694368	1
HTN	adipocyte	<i>TDRD6</i>	-0.032780566	0.007567237	0.517694368	1

HTN	adipocyte	<i>TECTB</i>	-0.021498439	0.03007711	0.517694368	1
HTN	adipocyte	<i>TFPT</i>	-0.00874416	0.043750431	0.517694368	1
HTN	adipocyte	<i>THUMPD3</i>	-0.005981063	0.041513008	0.517694368	1
HTN	adipocyte	<i>TIMP4</i>	-0.014946034	0.003023825	0.517694368	1
HTN	adipocyte	<i>TLCD1</i>	-0.058232694	0.021292884	0.517694368	1
HTN	adipocyte	<i>TLR3</i>	-0.01450411	0.047084983	0.517694368	1
HTN	adipocyte	<i>TMEM199</i>	-0.034872818	0.020017445	0.517694368	1
HTN	adipocyte	<i>TMEM206</i>	-0.008757064	0.029577867	0.517694368	1
HTN	adipocyte	<i>TMEM98</i>	-0.005997731	0.049860152	0.517694368	1
HTN	adipocyte	<i>TMX2</i>	-0.022358832	0.011801226	0.517694368	1
HTN	adipocyte	<i>TNFSF12</i>	-0.016759687	0.029879866	0.517694368	1
HTN	adipocyte	<i>TOR1AIP2</i>	-0.003425701	0.048671552	0.517694368	1
HTN	adipocyte	<i>TPBG</i>	-0.005309053	0.038533557	0.517694368	1
HTN	adipocyte	<i>TRIM45</i>	-0.025499234	0.016917555	0.517694368	1
HTN	adipocyte	<i>TRIM6</i>	-0.045530971	0.038572362	0.517694368	1
HTN	adipocyte	<i>TRIM7</i>	-0.034080275	0.004071925	0.517694368	1
HTN	adipocyte	<i>TRMT44</i>	-0.010341593	0.031231624	0.517694368	1
HTN	adipocyte	<i>TRPM4</i>	-0.011388391	0.044952248	0.517694368	1
HTN	adipocyte	<i>TSC1</i>	-0.00529748	0.030882302	0.517694368	1
HTN	adipocyte	<i>TSPYL1</i>	-0.012438891	0.03729585	0.517694368	1
HTN	adipocyte	<i>TSPYL5</i>	-0.020612014	0.000768961	0.517694368	1
HTN	adipocyte	<i>TTC28</i>	-0.001115489	0.021129615	0.517694368	1
HTN	adipocyte	<i>TTC4</i>	-0.023327774	0.049180699	0.517694368	1
HTN	adipocyte	<i>TTI1</i>	-0.011649155	0.016134515	0.517694368	1
HTN	adipocyte	<i>TULP2</i>	-0.033490748	0.03286653	0.517694368	1
HTN	adipocyte	<i>UBQLNL</i>	-0.059129898	0.039369954	0.517694368	1
HTN	adipocyte	<i>UQCCI</i>	-0.004331452	0.018616911	0.517694368	1
HTN	adipocyte	<i>USP22</i>	-0.003806809	0.012906206	0.517694368	1
HTN	adipocyte	<i>USP53</i>	-0.002504698	0.029545978	0.517694368	1
HTN	adipocyte	<i>VAPB</i>	-0.003231793	0.047773979	0.517694368	1
HTN	adipocyte	<i>VCP</i>	-0.005797527	0.049112025	0.517694368	1
HTN	adipocyte	<i>VEZT</i>	-0.00353488	0.012241094	0.517694368	1
HTN	adipocyte	<i>VWA2</i>	-0.056161939	0.040251852	0.517694368	1
HTN	adipocyte	<i>WDPCP</i>	-0.001987634	0.011192666	0.517694368	1
HTN	adipocyte	<i>WDR5B</i>	-0.028453309	0.000909796	0.517694368	1
HTN	adipocyte	<i>WNT6</i>	-0.011830104	0.036547518	0.517694368	1
HTN	adipocyte	<i>XPO7</i>	-0.005105529	0.002053743	0.517694368	1
HTN	adipocyte	<i>YTHDC2</i>	0.002051232	0.025220462	0.517694368	1
HTN	adipocyte	<i>ZFAND2A</i>	-0.010604256	0.007111229	0.517694368	1
HTN	adipocyte	<i>ZFP30</i>	-0.006498629	0.041287327	0.517694368	1
HTN	adipocyte	<i>ZFP90</i>	-0.005093028	0.039919044	0.517694368	1
HTN	adipocyte	<i>ZFYVE28</i>	-0.004803928	0.031247852	0.517694368	1
HTN	adipocyte	<i>ZKSCAN5</i>	-0.020924102	0.023588639	0.517694368	1
HTN	adipocyte	<i>ZNF135</i>	-0.008741104	0.026374846	0.517694368	1
HTN	adipocyte	<i>ZNF160</i>	-0.006505768	0.019368384	0.517694368	1
HTN	adipocyte	<i>ZNF175</i>	-0.018796756	0.028806842	0.517694368	1
HTN	adipocyte	<i>ZNF229</i>	-0.076146421	0.024450886	0.517694368	1
HTN	adipocyte	<i>ZNF263</i>	-0.005656462	0.045209319	0.517694368	1
HTN	adipocyte	<i>ZNF317</i>	-0.014477986	0.014955853	0.517694368	1
HTN	adipocyte	<i>ZNF329</i>	-0.006507308	0.038224439	0.517694368	1
HTN	adipocyte	<i>ZNF343</i>	-0.025647836	0.007766522	0.517694368	1
HTN	adipocyte	<i>ZNF443</i>	-0.049662057	0.018902104	0.517694368	1

HTN	adipocyte	<i>ZNF483</i>	-0.007122268	0.022757046	0.517694368	1
HTN	adipocyte	<i>ZNF500</i>	-0.013101443	0.016476514	0.517694368	1
HTN	adipocyte	<i>ZNF554</i>	-0.007917092	0.031120879	0.517694368	1
HTN	adipocyte	<i>ZNF568</i>	-0.009087682	0.035647202	0.517694368	1
HTN	adipocyte	<i>ZNF573</i>	-0.010736225	0.024824527	0.517694368	1
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HTN	adipocyte	<i>ZNF600</i>	-0.006895918	0.037777455	0.517694368	1
HTN	adipocyte	<i>ZNF607</i>	-0.040666553	0.023887529	0.517694368	1
HTN	adipocyte	<i>ZNF763</i>	-0.038396754	0.009353146	0.517694368	1
HTN	adipocyte	<i>ZNF781</i>	-0.028436542	0.039887245	0.517694368	1
HTN	adipocyte	<i>ZNF783</i>	-0.008011634	0.035915199	0.517694368	1
HTN	adipocyte	<i>ZNF786</i>	-0.006296369	0.027837047	0.517694368	1
HTN	adipocyte	<i>ZNF829</i>	-0.016725355	0.028778419	0.517694368	1
HTN	adipocyte	<i>ZNF85</i>	-0.00592048	0.010602786	0.517694368	1
HTN	adipocyte	<i>ZNF883</i>	-0.01864326	0.035727821	0.517694368	1
HTN	adipocyte	<i>ZSCAN18</i>	-0.003620408	0.033609196	0.517694368	1
HTN	adipocyte	<i>ZSWIM1</i>	-0.078076405	0.001564293	0.517694368	1
HTN	adipocyte	<i>CST2</i>	-0.00551872	0.035249968	0.517694368	1
HTN	adipocyte	<i>FAM106A</i>	-0.084043614	0.025190822	0.517694368	1
HTN	adipocyte	<i>LGALS9C</i>	-0.008240014	0.034370246	0.517694368	1
HTN	adipocyte	<i>PKDREJ</i>	-0.085693012	0.033579349	0.517694368	1
HTN	adipocyte	<i>BIRC7</i>	-0.022344324	0.016181493	0.517694368	1
HTN	adipocyte	<i>AC009495.2</i>	-0.095290614	0.035572544	0.517694368	1
HTN	adipocyte	<i>AC135178.1</i>	-0.085964921	0.049714382	0.517694368	1
HTN	adipocyte	<i>ADAD2</i>	-0.083545845	0.016940877	0.517694368	1
HTN	adipocyte	<i>FOXI2</i>	-0.109069349	0.012625168	0.517694368	1
HTN	adipocyte	<i>ULBP2</i>	-0.113514822	0.027111989	0.517694368	1
HTN	adipocyte	<i>AC021860.1</i>	-0.004422456	0.046003224	0.517694368	1
HTN	adipocyte	<i>TBC1D3</i>	-0.012414857	0.023924994	0.517694368	1
HTN	ASPC	<i>A3GALT2</i>	-0.020607917	0.028640893	0.783066885	1
HTN	ASPC	<i>ABHD1</i>	-0.009056412	0.039390308	0.783066885	1
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HTN	ASPC	<i>ADCY4</i>	-0.007797215	0.022523486	0.783066885	1
HTN	ASPC	<i>ADCYAP1</i>	-0.06326956	0.012382382	0.783066885	1
HTN	ASPC	<i>AKAP5</i>	-0.016851649	0.002118341	0.783066885	1
HTN	ASPC	<i>ALDOA</i>	-0.006102915	0.023266217	0.783066885	1
HTN	ASPC	<i>ALG10</i>	-0.030533647	0.017196733	0.783066885	1
HTN	ASPC	<i>ALG12</i>	-0.006640436	0.011123378	0.783066885	1
HTN	ASPC	<i>ALGIL2</i>	-0.009509111	0.047520191	0.783066885	1
HTN	ASPC	<i>ALS2</i>	-0.003452297	0.040969999	0.783066885	1
HTN	ASPC	<i>ANKK1</i>	-0.141786338	0.003069491	0.783066885	1
HTN	ASPC	<i>ANO7</i>	0.015365616	0.017711704	0.783066885	1
HTN	ASPC	<i>ANXA3</i>	-0.005650563	0.009821292	0.783066885	1
HTN	ASPC	<i>AP3M2</i>	-0.007643653	0.019059039	0.783066885	1
HTN	ASPC	<i>APBB1</i>	-0.012284569	0.026774038	0.783066885	1
HTN	ASPC	<i>ASAP3</i>	-0.006842695	0.02468474	0.783066885	1
HTN	ASPC	<i>ATRAID</i>	-0.00751111	0.040355431	0.783066885	1
HTN	ASPC	<i>BARX1</i>	-0.064888702	0.049077899	0.783066885	1
HTN	ASPC	<i>BEND6</i>	-0.019290529	0.032117976	0.783066885	1
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HTN	ASPC	<i>BTNL8</i>	-0.011663973	0.032858934	0.783066885	1

HTN	ASPC	<i>C11orf80</i>	-0.004116935	0.04993418	0.783066885	1
HTN	ASPC	<i>C12orf57</i>	-0.010843162	0.042022225	0.783066885	1
HTN	ASPC	<i>C3orf14</i>	-0.021111333	0.036035487	0.783066885	1
HTN	ASPC	<i>C4A</i>	-0.128243606	0.02202454	0.783066885	1
HTN	ASPC	<i>C4BPA</i>	-0.053280799	0.033227832	0.783066885	1
HTN	ASPC	<i>C9orf43</i>	-0.034274618	0.037149566	0.783066885	1
HTN	ASPC	<i>CACNG8</i>	-0.106409042	0.002851736	0.783066885	1
HTN	ASPC	<i>CADM2</i>	-0.002675723	0.018465346	0.783066885	1
HTN	ASPC	<i>CAPN11</i>	-0.057855359	0.03886351	0.783066885	1
HTN	ASPC	<i>CAPN12</i>	-0.016242671	0.03787542	0.783066885	1
HTN	ASPC	<i>CBLN3</i>	-0.023856282	0.027574322	0.783066885	1
HTN	ASPC	<i>CBWD1</i>	0.010171229	0.048655916	0.783066885	1
HTN	ASPC	<i>CCDC115</i>	-0.021304213	0.040471652	0.783066885	1
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HTN	ASPC	<i>CCL23</i>	-0.044733146	0.010105368	0.783066885	1
HTN	ASPC	<i>CD151</i>	-0.005011835	0.047075985	0.783066885	1
HTN	ASPC	<i>CDC25B</i>	-0.012466787	0.041239309	0.783066885	1
HTN	ASPC	<i>CEACAM19</i>	-0.017302627	0.034518828	0.783066885	1
HTN	ASPC	<i>CEP68</i>	-0.003744467	0.017668118	0.783066885	1
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HTN	ASPC	<i>DNAJC25</i>	-0.012520221	0.009743983	0.783066885	1
HTN	ASPC	<i>DUSP23</i>	-0.015182563	0.025097958	0.783066885	1
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HTN	ASPC	<i>IGFBP2</i>	-0.009390801	0.039452715	0.783066885	1
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HTN	ASPC	<i>KCNE3</i>	-0.007283548	0.04963687	0.783066885	1
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HTN	ASPC	<i>LMNB1</i>	-0.012398112	0.004844155	0.783066885	1
HTN	ASPC	<i>LRRC61</i>	-0.012772063	0.023465025	0.783066885	1
HTN	ASPC	<i>LSR</i>	-0.008690165	0.031779236	0.783066885	1
HTN	ASPC	<i>LYG1</i>	-0.027263843	0.043206924	0.783066885	1
HTN	ASPC	<i>LYNX1</i>	-0.046242456	0.01099857	0.783066885	1
HTN	ASPC	<i>MAPK8IP1</i>	-0.052332774	0.027787911	0.783066885	1
HTN	ASPC	<i>MET</i>	-0.004189334	0.020810951	0.783066885	1
HTN	ASPC	<i>MGRN1</i>	-0.004189949	0.0459854	0.783066885	1
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HTN	ASPC	<i>MRPS15</i>	-0.013057163	0.029934387	0.783066885	1
HTN	ASPC	<i>MUC16</i>	-0.005507915	0.04646294	0.783066885	1
HTN	ASPC	<i>MYO10</i>	-0.003341221	0.030609631	0.783066885	1
HTN	ASPC	<i>MYO6</i>	-0.00396447	0.048352018	0.783066885	1
HTN	ASPC	<i>NIPSNAP3A</i>	-0.012186229	0.044887327	0.783066885	1
HTN	ASPC	<i>NKD2</i>	-0.224874189	0.001482871	0.783066885	1
HTN	ASPC	<i>NLRP2</i>	-0.021658377	0.036060263	0.783066885	1
HTN	ASPC	<i>NOSTRIN</i>	-0.004209882	0.019860628	0.783066885	1
HTN	ASPC	<i>NOTCH4</i>	-0.003982826	0.019968954	0.783066885	1
HTN	ASPC	<i>OGN</i>	-0.00363821	0.036922878	0.783066885	1
HTN	ASPC	<i>PCDHB12</i>	-0.044293138	0.022286948	0.783066885	1
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HTN	ASPC	<i>PCGF3</i>	-0.008104875	0.016394311	0.783066885	1
HTN	ASPC	<i>PGM2</i>	-0.014899844	0.033444264	0.783066885	1
HTN	ASPC	<i>PLCD3</i>	-0.009322599	0.042991176	0.783066885	1
HTN	ASPC	<i>PLLP</i>	-0.013302299	0.026810503	0.783066885	1
HTN	ASPC	<i>PLVAP</i>	-0.008965706	0.023639394	0.783066885	1
HTN	ASPC	<i>PNMT</i>	-0.07002738	0.041053245	0.783066885	1
HTN	ASPC	<i>PPCDC</i>	-0.003884889	0.036360374	0.783066885	1
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HTN	ASPC	<i>PRMT6</i>	-0.03574141	0.012297984	0.783066885	1
HTN	ASPC	<i>PROZ</i>	-0.040815308	0.034499565	0.783066885	1
HTN	ASPC	<i>PRSS12</i>	-0.011072397	0.03834936	0.783066885	1
HTN	ASPC	<i>PTCHD3</i>	-0.079431638	0.016129734	0.783066885	1
HTN	ASPC	<i>PTGIS</i>	-0.004351243	0.030798133	0.783066885	1

HTN	ASPC	<i>RARRES2</i>	-0.002839754	0.02957762	0.783066885	1
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HTN	ASPC	<i>SCARB1</i>	-0.004329314	0.025836002	0.783066885	1
HTN	ASPC	<i>SCIN</i>	-0.01011434	0.03012625	0.783066885	1
HTN	ASPC	<i>SEMA3E</i>	-0.012879364	0.048706844	0.783066885	1
HTN	ASPC	<i>SEMA3F</i>	-0.018873783	0.02720831	0.783066885	1
HTN	ASPC	<i>Sep-01</i>	-0.007409654	0.04191186	0.783066885	1
HTN	ASPC	<i>SERINC2</i>	-0.075585445	0.034761145	0.783066885	1
HTN	ASPC	<i>SFXN3</i>	-0.0058811	0.020532007	0.783066885	1
HTN	ASPC	<i>SGTA</i>	-0.01781494	0.011874692	0.783066885	1
HTN	ASPC	<i>SHANK2</i>	-0.007949764	0.008389469	0.783066885	1
HTN	ASPC	<i>SLC22A5</i>	-0.010634405	0.045028451	0.783066885	1
HTN	ASPC	<i>SLC48A1</i>	-0.00540076	0.021062114	0.783066885	1
HTN	ASPC	<i>SLC5A11</i>	-0.028847535	0.047505349	0.783066885	1
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HTN	ASPC	<i>SNX15</i>	-0.083548945	0.039006814	0.783066885	1
HTN	ASPC	<i>SRP14</i>	-0.005112936	0.014408643	0.783066885	1
HTN	ASPC	<i>ST14</i>	-0.00713166	0.010172946	0.783066885	1
HTN	ASPC	<i>STK31</i>	-0.028078991	0.027169496	0.783066885	1
HTN	ASPC	<i>STX8</i>	-0.003425661	0.011624321	0.783066885	1
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HTN	ASPC	<i>SUPV3L1</i>	-0.005964454	0.047642817	0.783066885	1
HTN	ASPC	<i>TADA2A</i>	-0.00504552	0.041172757	0.783066885	1
HTN	ASPC	<i>TAF1B</i>	-0.005462317	0.040143046	0.783066885	1
HTN	ASPC	<i>TARS2</i>	-0.008218565	0.0414193	0.783066885	1
HTN	ASPC	<i>TCEA3</i>	-0.007282743	0.025529784	0.783066885	1
HTN	ASPC	<i>TDRD6</i>	-0.033958674	0.00558737	0.783066885	1
HTN	ASPC	<i>TEPP</i>	-0.065434295	0.029687223	0.783066885	1
HTN	ASPC	<i>THAP5</i>	-0.016579414	0.011034902	0.783066885	1
HTN	ASPC	<i>TLR3</i>	-0.019971602	0.006428918	0.783066885	1
HTN	ASPC	<i>TMEM133</i>	-0.128400565	0.045030646	0.783066885	1
HTN	ASPC	<i>TMEM184B</i>	-0.006576383	0.030381374	0.783066885	1
HTN	ASPC	<i>TMEM252</i>	-0.048886661	0.042847712	0.783066885	1
HTN	ASPC	<i>TNFRSF11B</i>	-0.023013125	0.026875753	0.783066885	1
HTN	ASPC	<i>TRMT61B</i>	-0.004277186	0.018471281	0.783066885	1
HTN	ASPC	<i>TTC38</i>	-0.004680714	0.039081371	0.783066885	1
HTN	ASPC	<i>UFSP2</i>	-0.003331539	0.038597502	0.783066885	1
HTN	ASPC	<i>WDR18</i>	-0.024778645	0.024990651	0.783066885	1
HTN	ASPC	<i>WDR27</i>	-0.004116292	0.029741801	0.783066885	1
HTN	ASPC	<i>WDR63</i>	-0.004684743	0.045463708	0.783066885	1
HTN	ASPC	<i>WFDC6</i>	-0.088794956	0.01071859	0.783066885	1
HTN	ASPC	<i>XCL1</i>	-0.037873315	0.03829855	0.783066885	1
HTN	ASPC	<i>ZBTB32</i>	-0.007924582	0.047729712	0.783066885	1
HTN	ASPC	<i>ZNF100</i>	-0.003434709	0.028606482	0.783066885	1

HTN	ASPC	<i>ZNF229</i>	-0.072233849	0.03298825	0.783066885	1
HTN	ASPC	<i>ZNF343</i>	-0.022574213	0.019239533	0.783066885	1
HTN	ASPC	<i>ZNF385C</i>	-0.023847772	0.04693128	0.783066885	1
HTN	ASPC	<i>ZNF431</i>	-0.005005013	0.044382458	0.783066885	1
HTN	ASPC	<i>ZNF454</i>	-0.014123874	0.005419852	0.783066885	1
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HTN	ASPC	<i>ZNF85</i>	-0.007302206	0.001678442	0.783066885	1
HTN	ASPC	<i>DNAH10OS</i>	-0.066498754	0.005848304	0.783066885	1
HTN	ASPC	<i>PLGLB2</i>	-0.006580844	0.020619144	0.783066885	1
HTN	ASPC	<i>SLC22A31</i>	-0.013367234	0.022347614	0.783066885	1
HTN	ASPC	<i>HCG22</i>	-0.007134829	0.029977338	0.783066885	1
HTN	b_cell	<i>AC005082.1</i>	-0.02859706	0.025605905	0.846322076	1
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HTN	b_cell	<i>ALG10</i>	-0.028339793	0.027633341	0.846322076	1
HTN	b_cell	<i>ANKRD29</i>	-0.003474198	0.018945455	0.846322076	1
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HTN	b_cell	<i>ARHGAP33</i>	-0.020690392	0.018556005	0.846322076	1
HTN	b_cell	<i>ASB4</i>	-0.037982198	0.020653634	0.846322076	1
HTN	b_cell	<i>ATP8A1</i>	-0.002253176	0.021654345	0.846322076	1
HTN	b_cell	<i>BDH2</i>	-0.007240458	0.033498396	0.846322076	1
HTN	b_cell	<i>BIN3</i>	-0.009563487	0.03923227	0.846322076	1
HTN	b_cell	<i>BRI3</i>	-0.00379767	0.048559413	0.846322076	1
HTN	b_cell	<i>BTNL8</i>	-0.011146573	0.04139928	0.846322076	1
HTN	b_cell	<i>C10orf25</i>	-0.076948944	0.027834256	0.846322076	1
HTN	b_cell	<i>C12orf57</i>	-0.01317753	0.013554601	0.846322076	1
HTN	b_cell	<i>C1QTNF4</i>	-0.053271205	0.047562551	0.846322076	1
HTN	b_cell	<i>C2CD4C</i>	-0.045172334	0.040948661	0.846322076	1
HTN	b_cell	<i>C4BPA</i>	-0.060890504	0.015444847	0.846322076	1
HTN	b_cell	<i>C4orf45</i>	-0.00881889	0.034799229	0.846322076	1
HTN	b_cell	<i>C7orf73</i>	-0.00601025	0.014100427	0.846322076	1
HTN	b_cell	<i>CALHM2</i>	-0.012698768	0.046446924	0.846322076	1
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HTN	b_cell	<i>CBFB</i>	-0.003344709	0.028881363	0.846322076	1
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HTN	b_cell	<i>CCL16</i>	-0.054469722	0.031792768	0.846322076	1
HTN	b_cell	<i>CDK10</i>	-0.007633219	0.03903926	0.846322076	1
HTN	b_cell	<i>CEP192</i>	-0.003273547	0.021654868	0.846322076	1
HTN	b_cell	<i>CHRNA7</i>	-0.049183039	0.020925007	0.846322076	1
HTN	b_cell	<i>CHST2</i>	-0.022442684	0.027814922	0.846322076	1
HTN	b_cell	<i>CPLX1</i>	-0.015352636	0.020467394	0.846322076	1
HTN	b_cell	<i>CPSF1</i>	-0.015611391	0.001517262	0.846322076	1

HTN	b_cell	<i>CROCC</i>	-0.006389656	0.015844669	0.846322076	1
HTN	b_cell	<i>DCTD</i>	-0.016344677	0.006788538	0.846322076	1
HTN	b_cell	<i>DDHD2</i>	-0.002966667	0.044921954	0.846322076	1
HTN	b_cell	<i>DEFB119</i>	-0.022059695	0.043904105	0.846322076	1
HTN	b_cell	<i>DGCR2</i>	-0.003794183	0.047497531	0.846322076	1
HTN	b_cell	<i>DNAJC6</i>	-0.007098528	0.037082939	0.846322076	1
HTN	b_cell	<i>DOK5</i>	-0.015448122	0.007948419	0.846322076	1
HTN	b_cell	<i>DYNLL2</i>	-0.010701492	0.049626724	0.846322076	1
HTN	b_cell	<i>DYRK3</i>	-0.021257208	0.019099519	0.846322076	1
HTN	b_cell	<i>EBPL</i>	-0.006848052	0.015333471	0.846322076	1
HTN	b_cell	<i>EPB41L4A</i>	-0.00189183	0.022934196	0.846322076	1
HTN	b_cell	<i>EPHX2</i>	-0.006855503	0.029856205	0.846322076	1
HTN	b_cell	<i>EVA1B</i>	-0.014621488	0.020526645	0.846322076	1
HTN	b_cell	<i>FAIM2</i>	-0.027327902	0.037664546	0.846322076	1
HTN	b_cell	<i>FAM153C</i>	-0.021376261	0.028313025	0.846322076	1
HTN	b_cell	<i>FAM184A</i>	-0.007401708	0.036660486	0.846322076	1
HTN	b_cell	<i>FBXO2</i>	-0.048860204	0.01442883	0.846322076	1
HTN	b_cell	<i>FSIP2</i>	-0.008632352	0.047646916	0.846322076	1
HTN	b_cell	<i>FUT10</i>	-0.004603231	0.013967003	0.846322076	1
HTN	b_cell	<i>G6PC3</i>	-0.016677346	0.025698653	0.846322076	1
HTN	b_cell	<i>GNPTAB</i>	-0.001864096	0.047664438	0.846322076	1
HTN	b_cell	<i>GSTM2</i>	-0.005411436	0.049045612	0.846322076	1
HTN	b_cell	<i>GSTP1</i>	-0.004777505	0.039580672	0.846322076	1
HTN	b_cell	<i>GTF2F1</i>	-0.011191314	0.011959049	0.846322076	1
HTN	b_cell	<i>HAR1A</i>	0.049585181	0.018776707	0.846322076	1
HTN	b_cell	<i>HSD17B1</i>	-0.024131647	0.00967177	0.846322076	1
HTN	b_cell	<i>ICAM5</i>	-0.027678146	0.035272	0.846322076	1
HTN	b_cell	<i>IFITM1</i>	-0.054624337	0.009261229	0.846322076	1
HTN	b_cell	<i>IFITM2</i>	-0.007420463	0.010311874	0.846322076	1
HTN	b_cell	<i>IGFBP4</i>	-0.004065027	0.049653531	0.846322076	1
HTN	b_cell	<i>IPO7</i>	-0.006521865	0.001566146	0.846322076	1
HTN	b_cell	<i>ITGA2B</i>	-0.032709551	0.045799966	0.846322076	1
HTN	b_cell	<i>IZUMO1</i>	-0.106336131	0.034753688	0.846322076	1
HTN	b_cell	<i>JKAMP</i>	-0.007273671	0.010039918	0.846322076	1
HTN	b_cell	<i>JMJD8</i>	-0.014855805	0.040239109	0.846322076	1
HTN	b_cell	<i>KDM8</i>	-0.021522161	0.045401578	0.846322076	1
HTN	b_cell	<i>LINC00484</i>	-0.013696993	0.009764809	0.846322076	1
HTN	b_cell	<i>LINC00957</i>	-0.041294096	0.026152914	0.846322076	1
HTN	b_cell	<i>LURAP1</i>	-0.012088394	0.010268732	0.846322076	1
HTN	b_cell	<i>MAN2C1</i>	-0.004482415	0.004402048	0.846322076	1
HTN	b_cell	<i>MAP9</i>	-0.009215611	0.039333104	0.846322076	1
HTN	b_cell	<i>MBLAC1</i>	0.02857597	0.001403942	0.846322076	1
HTN	b_cell	<i>MEDI7</i>	-0.016815243	0.017708823	0.846322076	1
HTN	b_cell	<i>MET</i>	-0.004124822	0.022623674	0.846322076	1
HTN	b_cell	<i>MOCOS</i>	-0.026708182	0.048880234	0.846322076	1
HTN	b_cell	<i>MRPL33</i>	-0.007034271	0.029481482	0.846322076	1
HTN	b_cell	<i>MST1R</i>	-0.02641126	0.017572557	0.846322076	1
HTN	b_cell	<i>MYO10</i>	-0.003155027	0.041067079	0.846322076	1
HTN	b_cell	<i>NADSYN1</i>	-0.005061698	0.028013822	0.846322076	1
HTN	b_cell	<i>NAGA</i>	-0.010271362	0.010068767	0.846322076	1
HTN	b_cell	<i>NDUFS5</i>	-0.006424375	0.042305466	0.846322076	1
HTN	b_cell	<i>NEIL1</i>	-0.010157783	0.003091375	0.846322076	1

HTN	b_cell	<i>OBSL1</i>	-0.008496594	0.049347458	0.846322076	1
HTN	b_cell	<i>OR51E1</i>	-0.022515771	0.045534024	0.846322076	1
HTN	b_cell	<i>PAM16</i>	-0.014060552	0.015862799	0.846322076	1
HTN	b_cell	<i>PCGF3</i>	-0.006754694	0.046012495	0.846322076	1
HTN	b_cell	<i>PDCD11</i>	-0.008601092	0.049758567	0.846322076	1
HTN	b_cell	<i>PES1</i>	-0.009159463	0.001348126	0.846322076	1
HTN	b_cell	<i>PGM2</i>	-0.014402748	0.040426299	0.846322076	1
HTN	b_cell	<i>PIGK</i>	-0.008525512	0.042299008	0.846322076	1
HTN	b_cell	<i>PLLP</i>	-0.011862693	0.048234007	0.846322076	1
HTN	b_cell	<i>PLVAP</i>	-0.00796071	0.04439494	0.846322076	1
HTN	b_cell	<i>POC5</i>	-0.008807056	0.048028891	0.846322076	1
HTN	b_cell	<i>PONI</i>	-0.044369918	0.009188113	0.846322076	1
HTN	b_cell	<i>PRMT6</i>	-0.028529246	0.04654492	0.846322076	1
HTN	b_cell	<i>PRPH2</i>	-0.008653549	0.045261586	0.846322076	1
HTN	b_cell	<i>PTBP2</i>	-0.002142926	0.041804143	0.846322076	1
HTN	b_cell	<i>PTPN12</i>	-0.003159297	0.029829697	0.846322076	1
HTN	b_cell	<i>RBBP9</i>	-0.016818318	0.018428653	0.846322076	1
HTN	b_cell	<i>RCN1</i>	-0.007059366	0.013296436	0.846322076	1
HTN	b_cell	<i>RET</i>	0.014505107	0.041441937	0.846322076	1
HTN	b_cell	<i>RGCC</i>	-0.003706019	0.025191096	0.846322076	1
HTN	b_cell	<i>RHOB</i>	-0.013969898	0.009354255	0.846322076	1
HTN	b_cell	<i>RNF123</i>	-0.010776623	0.015120945	0.846322076	1
HTN	b_cell	<i>RTN4RL2</i>	-0.053888917	0.041785934	0.846322076	1
HTN	b_cell	<i>RYR3</i>	-0.003560699	0.008933557	0.846322076	1
HTN	b_cell	<i>SIPRI</i>	-0.010252838	0.020149032	0.846322076	1
HTN	b_cell	<i>SACMIL</i>	-0.00515099	0.024717771	0.846322076	1
HTN	b_cell	<i>SAMD14</i>	-0.011538784	0.034296511	0.846322076	1
HTN	b_cell	<i>SBNO2</i>	-0.005034883	0.032310114	0.846322076	1
HTN	b_cell	<i>SCUBE2</i>	-0.019309634	0.015774055	0.846322076	1
HTN	b_cell	<i>SEMA3E</i>	-0.014756819	0.0238767	0.846322076	1
HTN	b_cell	<i>SH3D21</i>	-0.021111579	0.046914109	0.846322076	1
HTN	b_cell	<i>SLC35F2</i>	-0.01232156	0.03551025	0.846322076	1
HTN	b_cell	<i>SLC52A2</i>	0.007134607	0.012763066	0.846322076	1
HTN	b_cell	<i>SMDT1</i>	-0.006241218	0.035160899	0.846322076	1
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HTN	b_cell	<i>SPC25</i>	-0.005729541	0.023871728	0.846322076	1
HTN	b_cell	<i>SRRT</i>	-0.006239243	0.045088646	0.846322076	1
HTN	b_cell	<i>ST8SIA6</i>	-0.003903427	0.019990543	0.846322076	1
HTN	b_cell	<i>STK24</i>	-0.003058176	0.026438895	0.846322076	1
HTN	b_cell	<i>STON1</i>	-0.009750591	0.043608978	0.846322076	1
HTN	b_cell	<i>STX19</i>	-0.0104291	0.040054219	0.846322076	1
HTN	b_cell	<i>SUCLG1</i>	-0.006601028	0.046979049	0.846322076	1
HTN	b_cell	<i>SULF1</i>	-0.001601303	0.049557785	0.846322076	1
HTN	b_cell	<i>SURF6</i>	-0.010090125	0.036985039	0.846322076	1
HTN	b_cell	<i>SYNC</i>	-0.005938222	0.047759646	0.846322076	1
HTN	b_cell	<i>TDRD6</i>	-0.027772857	0.023549626	0.846322076	1
HTN	b_cell	<i>TMEM184B</i>	-0.006155821	0.042873944	0.846322076	1
HTN	b_cell	<i>TONSL</i>	-0.019399868	0.001194031	0.846322076	1
HTN	b_cell	<i>TP53BP1</i>	-0.003151066	0.045940138	0.846322076	1
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HTN	b_cell	<i>TRIP6</i>	-0.010558383	0.044327236	0.846322076	1
HTN	b_cell	<i>VEZT</i>	-0.002787155	0.048191613	0.846322076	1

HTN	b_cell	<i>VPS28</i>	-0.005960479	0.045744736	0.846322076	1
HTN	b_cell	<i>WIP1</i>	-0.008515895	0.023359127	0.846322076	1
HTN	b_cell	<i>WTAP</i>	-0.006480107	0.007145976	0.846322076	1
HTN	b_cell	<i>ZDHHC11B</i>	-0.011179545	0.029292712	0.846322076	1
HTN	b_cell	<i>ZFAND1</i>	-0.006819819	0.019729093	0.846322076	1
HTN	b_cell	<i>ZNF165</i>	-0.076433614	0.042686176	0.846322076	1
HTN	b_cell	<i>ZNF232</i>	-0.022515405	0.0456084	0.846322076	1
HTN	b_cell	<i>ZNF257</i>	-0.012076038	0.04670898	0.846322076	1
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HTN	b_cell	<i>ZNF343</i>	-0.019027667	0.048715205	0.846322076	1
HTN	b_cell	<i>ZNF529</i>	-0.005396702	0.036223227	0.846322076	1
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HTN	b_cell	<i>ZNF665</i>	-0.009362655	0.009561222	0.846322076	1
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HTN	b_cell	<i>ZNF763</i>	-0.033129759	0.024774754	0.846322076	1
HTN	b_cell	<i>ZNF781</i>	-0.032381489	0.019628003	0.846322076	1
HTN	b_cell	<i>ZNF90</i>	-0.022168194	0.030824732	0.846322076	1
HTN	b_cell	<i>ICOSLG</i>	-0.087667471	0.034118682	0.846322076	1
HTN	b_cell	<i>DCD</i>	-0.098050831	0.000245595	0.846322076	1
HTN	b_cell	<i>SRXN1</i>	-0.012444786	0.019374029	0.846322076	1
HTN	dendritic_cell	<i>AC122129.1</i>	-0.033009154	0.010071091	0.942036662	1
HTN	dendritic_cell	<i>ADH4</i>	-0.010711429	0.007748286	0.942036662	1
HTN	dendritic_cell	<i>AFAP1L2</i>	-0.009097105	0.037358459	0.942036662	1
HTN	dendritic_cell	<i>AGTRAP</i>	-0.010582195	0.033201099	0.942036662	1
HTN	dendritic_cell	<i>ALG10</i>	-0.029584819	0.020697382	0.942036662	1
HTN	dendritic_cell	<i>ANKRD13A</i>	0.00299108	0.039020929	0.942036662	1
HTN	dendritic_cell	<i>BACE2</i>	-0.001626126	0.049550754	0.942036662	1
HTN	dendritic_cell	<i>BTBD9</i>	-0.001581007	0.044366728	0.942036662	1
HTN	dendritic_cell	<i>BTN3A2</i>	-0.005186846	0.035120931	0.942036662	1
HTN	dendritic_cell	<i>BTNL3</i>	-0.057224138	0.039084086	0.942036662	1
HTN	dendritic_cell	<i>C18orf32</i>	-0.01406011	0.028727577	0.942036662	1
HTN	dendritic_cell	<i>C8orf33</i>	-0.009369216	0.01302368	0.942036662	1
HTN	dendritic_cell	<i>CADM2</i>	-0.002375826	0.034411377	0.942036662	1
HTN	dendritic_cell	<i>CAND1</i>	-0.004938429	0.00717311	0.942036662	1
HTN	dendritic_cell	<i>CANX</i>	-0.003991786	0.010819691	0.942036662	1
HTN	dendritic_cell	<i>CAPN12</i>	-0.017933249	0.021662937	0.942036662	1
HTN	dendritic_cell	<i>CAPN5</i>	-0.019261255	0.015239394	0.942036662	1
HTN	dendritic_cell	<i>CARHSP1</i>	-0.00372906	0.03483843	0.942036662	1
HTN	dendritic_cell	<i>CCDC127</i>	-0.016589893	0.026920503	0.942036662	1
HTN	dendritic_cell	<i>CCDC68</i>	-0.008665008	0.005933401	0.942036662	1
HTN	dendritic_cell	<i>CDC16</i>	-0.004085046	0.010278349	0.942036662	1
HTN	dendritic_cell	<i>CDC25B</i>	-0.013233742	0.029378065	0.942036662	1
HTN	dendritic_cell	<i>CDKN2AIPNL</i>	-0.025569234	0.003212219	0.942036662	1
HTN	dendritic_cell	<i>CEBPZ</i>	-0.003048666	0.015693781	0.942036662	1
HTN	dendritic_cell	<i>CENPC</i>	-0.003270792	0.039409612	0.942036662	1
HTN	dendritic_cell	<i>CIAO1</i>	-0.006625998	0.005388915	0.942036662	1
HTN	dendritic_cell	<i>CLDN1</i>	-0.004232462	0.003244483	0.942036662	1
HTN	dendritic_cell	<i>CMPK1</i>	-0.004345372	0.013498802	0.942036662	1
HTN	dendritic_cell	<i>CNKSRI</i>	0.014264504	0.040097898	0.942036662	1
HTN	dendritic_cell	<i>COX15</i>	0.00501853	0.033454625	0.942036662	1
HTN	dendritic_cell	<i>CROCC</i>	-0.006469719	0.014522025	0.942036662	1
HTN	dendritic_cell	<i>DCTD</i>	-0.015130343	0.012390063	0.942036662	1

HTN	dendritic_cell	<i>DNAAF1</i>	-0.11328274	0.003307782	0.942036662	1
HTN	dendritic_cell	<i>DOK5</i>	-0.017002262	0.003426022	0.942036662	1
HTN	dendritic_cell	<i>DUSP23</i>	-0.014714187	0.029402802	0.942036662	1
HTN	dendritic_cell	<i>EFCAB2</i>	-0.005491795	0.043578386	0.942036662	1
HTN	dendritic_cell	<i>EIF3M</i>	-0.006762347	0.001642264	0.942036662	1
HTN	dendritic_cell	<i>EVA1B</i>	-0.015186923	0.016133757	0.942036662	1
HTN	dendritic_cell	<i>FAM107A</i>	-0.01281223	0.024374462	0.942036662	1
HTN	dendritic_cell	<i>FAM160B1</i>	-0.002994504	0.044130846	0.942036662	1
HTN	dendritic_cell	<i>FBF1</i>	-0.005704195	0.03764491	0.942036662	1
HTN	dendritic_cell	<i>FGFR3</i>	-0.034913673	0.012691472	0.942036662	1
HTN	dendritic_cell	<i>GALNT15</i>	-0.005010776	0.013890849	0.942036662	1
HTN	dendritic_cell	<i>GANAB</i>	-0.012121097	0.021481827	0.942036662	1
HTN	dendritic_cell	<i>GGNBP2</i>	-0.0036835	0.026330906	0.942036662	1
HTN	dendritic_cell	<i>GMPR</i>	-0.006983715	0.012502374	0.942036662	1
HTN	dendritic_cell	<i>GPAT2</i>	-0.044632883	0.021076027	0.942036662	1
HTN	dendritic_cell	<i>GPR137B</i>	-0.00404259	0.043183012	0.942036662	1
HTN	dendritic_cell	<i>GSDMA</i>	0.05283208	0.014472034	0.942036662	1
HTN	dendritic_cell	<i>HNRNPAIL2</i>	-0.05220156	0.020045668	0.942036662	1
HTN	dendritic_cell	<i>HSD17B3</i>	-0.017243835	0.030524725	0.942036662	1
HTN	dendritic_cell	<i>IFI27L2</i>	-0.026390201	0.000216815	0.942036662	1
HTN	dendritic_cell	<i>IKBIP</i>	-0.009324405	0.028199129	0.942036662	1
HTN	dendritic_cell	<i>IL4R</i>	-0.003421813	0.017857113	0.942036662	1
HTN	dendritic_cell	<i>IRF6</i>	-0.023911276	0.039629981	0.942036662	1
HTN	dendritic_cell	<i>IRGM</i>	-0.029276603	0.00790324	0.942036662	1
HTN	dendritic_cell	<i>ITGAV</i>	-0.00293472	0.024389978	0.942036662	1
HTN	dendritic_cell	<i>KIFAP3</i>	-0.003634413	0.033206958	0.942036662	1
HTN	dendritic_cell	<i>KLK7</i>	-0.01919635	0.003021541	0.942036662	1
HTN	dendritic_cell	<i>LIN7C</i>	-0.00594251	0.022680769	0.942036662	1
HTN	dendritic_cell	<i>LINC00342</i>	-0.010315662	0.015909508	0.942036662	1
HTN	dendritic_cell	<i>LINC00607</i>	-0.010988137	0.031895936	0.942036662	1
HTN	dendritic_cell	<i>LMAN2L</i>	-0.012311713	0.00158034	0.942036662	1
HTN	dendritic_cell	<i>LRRC45</i>	-0.033428526	0.039263299	0.942036662	1
HTN	dendritic_cell	<i>LSR</i>	-0.009066521	0.02520875	0.942036662	1
HTN	dendritic_cell	<i>LYPD5</i>	-0.034881151	0.02456148	0.942036662	1
HTN	dendritic_cell	<i>MAFF</i>	-0.012519867	0.041837654	0.942036662	1
HTN	dendritic_cell	<i>MAP1A</i>	-0.040668947	0.011590622	0.942036662	1
HTN	dendritic_cell	<i>MAPK8IP1</i>	-0.055269865	0.020000795	0.942036662	1
HTN	dendritic_cell	<i>MAST2</i>	-0.005214466	0.010523801	0.942036662	1
HTN	dendritic_cell	<i>MEX3A</i>	-0.034485664	0.021741113	0.942036662	1
HTN	dendritic_cell	<i>MLPH</i>	-0.004308528	0.011109932	0.942036662	1
HTN	dendritic_cell	<i>MPHOSPH6</i>	-0.003988093	0.036230501	0.942036662	1
HTN	dendritic_cell	<i>MRPL34</i>	-0.012850455	0.034225781	0.942036662	1
HTN	dendritic_cell	<i>MRPS15</i>	-0.016027141	0.007763333	0.942036662	1
HTN	dendritic_cell	<i>MYO10</i>	-0.003333843	0.031445321	0.942036662	1
HTN	dendritic_cell	<i>NAA11</i>	-0.006426951	0.03465147	0.942036662	1
HTN	dendritic_cell	<i>NEDD4</i>	-0.004896521	0.010445149	0.942036662	1
HTN	dendritic_cell	<i>NOV</i>	-0.01315601	0.03827332	0.942036662	1
HTN	dendritic_cell	<i>NUDT2</i>	-0.008860932	0.013056638	0.942036662	1
HTN	dendritic_cell	<i>OSBPL5</i>	-0.004494635	0.047023862	0.942036662	1
HTN	dendritic_cell	<i>PAX6</i>	-0.036497297	0.016992501	0.942036662	1
HTN	dendritic_cell	<i>PDIA4</i>	-0.009852828	0.000566746	0.942036662	1
HTN	dendritic_cell	<i>PDPR</i>	-0.007786724	0.043321895	0.942036662	1

HTN	dendritic_cell <i>PENK</i>	-0.120433986	0.032199861	0.942036662	1
HTN	dendritic_cell <i>PES1</i>	-0.008820591	0.001955402	0.942036662	1
HTN	dendritic_cell <i>PGGT1B</i>	-0.003580041	0.044005108	0.942036662	1
HTN	dendritic_cell <i>PHACTR4</i>	-0.002550556	0.039541027	0.942036662	1
HTN	dendritic_cell <i>PLEKHA4</i>	-0.009832635	0.043823264	0.942036662	1
HTN	dendritic_cell <i>PRMT6</i>	-0.029411685	0.039706531	0.942036662	1
HTN	dendritic_cell <i>RAB24</i>	0.056791457	0.009162489	0.942036662	1
HTN	dendritic_cell <i>RAB2A</i>	-0.002277464	0.005734199	0.942036662	1
HTN	dendritic_cell <i>RAB38</i>	-0.008311016	0.044814177	0.942036662	1
HTN	dendritic_cell <i>RABL2B</i>	-0.006782555	0.038564355	0.942036662	1
HTN	dendritic_cell <i>RAET1E</i>	-0.016676113	0.047421251	0.942036662	1
HTN	dendritic_cell <i>ROM1</i>	-0.026056883	0.048148775	0.942036662	1
HTN	dendritic_cell <i>RYR3</i>	-0.002923041	0.032179962	0.942036662	1
HTN	dendritic_cell <i>SAMD5</i>	-0.011460141	0.024733909	0.942036662	1
HTN	dendritic_cell <i>SAMM50</i>	-0.015389376	0.000919905	0.942036662	1
HTN	dendritic_cell <i>SCAPER</i>	-0.001870138	0.029338729	0.942036662	1
HTN	dendritic_cell <i>SCGB1B2P</i>	-0.048724462	0.018396108	0.942036662	1
HTN	dendritic_cell <i>SGTA</i>	-0.015445912	0.030179625	0.942036662	1
HTN	dendritic_cell <i>SH3TC2</i>	-0.019320271	0.049461063	0.942036662	1
HTN	dendritic_cell <i>SIGLEC7</i>	-0.016182104	0.048688288	0.942036662	1
HTN	dendritic_cell <i>SIL1</i>	-0.002187922	0.012942129	0.942036662	1
HTN	dendritic_cell <i>SMG9</i>	-0.005905696	0.036508481	0.942036662	1
HTN	dendritic_cell <i>SMPD4</i>	-0.006238208	0.03113003	0.942036662	1
HTN	dendritic_cell <i>SRP14</i>	-0.005886748	0.004883298	0.942036662	1
HTN	dendritic_cell <i>ST7L</i>	-0.005261101	0.001476511	0.942036662	1
HTN	dendritic_cell <i>STRIP1</i>	-0.008562576	0.015725061	0.942036662	1
HTN	dendritic_cell <i>SYCE1L</i>	-0.019103539	0.049687777	0.942036662	1
HTN	dendritic_cell <i>SYNJ2</i>	-0.009152245	0.046194475	0.942036662	1
HTN	dendritic_cell <i>TBC1D4</i>	-0.002490791	0.048398409	0.942036662	1
HTN	dendritic_cell <i>TDRD6</i>	-0.025404067	0.038600405	0.942036662	1
HTN	dendritic_cell <i>TMEM258</i>	-0.011215612	0.016106298	0.942036662	1
HTN	dendritic_cell <i>TRIAP1</i>	-0.014763164	0.014893455	0.942036662	1
HTN	dendritic_cell <i>TSPYL1</i>	-0.016771687	0.004967294	0.942036662	1
HTN	dendritic_cell <i>UPK1A</i>	-0.081523577	0.039515777	0.942036662	1
HTN	dendritic_cell <i>USP38</i>	-0.010485704	0.013531636	0.942036662	1
HTN	dendritic_cell <i>VAMP4</i>	-0.003721607	0.039236897	0.942036662	1
HTN	dendritic_cell <i>VNN1</i>	-0.012138726	0.016034444	0.942036662	1
HTN	dendritic_cell <i>VWA2</i>	-0.065031369	0.017306025	0.942036662	1
HTN	dendritic_cell <i>WHAMM</i>	-0.007980727	0.034203623	0.942036662	1
HTN	dendritic_cell <i>WRAP73</i>	-0.01070236	0.025128434	0.942036662	1
HTN	dendritic_cell <i>WRB</i>	-0.008103161	0.033616431	0.942036662	1
HTN	dendritic_cell <i>ZCCHC11</i>	-0.002904938	0.014430811	0.942036662	1
HTN	dendritic_cell <i>ZDHHC11B</i>	-0.012706421	0.013593922	0.942036662	1
HTN	dendritic_cell <i>ZNF343</i>	-0.019546366	0.042511367	0.942036662	1
HTN	dendritic_cell <i>ZNF493</i>	-0.005959719	0.019565579	0.942036662	1
HTN	dendritic_cell <i>ZNF497</i>	-0.130500922	0.023481579	0.942036662	1
HTN	dendritic_cell <i>ZNF528</i>	-0.011318118	0.015383402	0.942036662	1
HTN	dendritic_cell <i>ZNF573</i>	-0.010906544	0.022442716	0.942036662	1
HTN	dendritic_cell <i>ZNF584</i>	-0.011936513	0.024117389	0.942036662	1
HTN	dendritic_cell <i>ZNF781</i>	-0.027416167	0.047323561	0.942036662	1
HTN	dendritic_cell <i>ZNF793</i>	-0.009333259	0.043209379	0.942036662	1
HTN	dendritic_cell <i>OPN4</i>	-0.029096191	0.048442032	0.942036662	1

HTN	dendritic_cell	<i>TM6SF2</i>	-0.006562494	0.023095441	0.942036662	1
HTN	endometrium	<i>A1BG</i>	-0.017082884	0.02002526	0.781375279	1
HTN	endometrium	<i>ABCC4</i>	-0.002663144	0.037860847	0.781375279	1
HTN	endometrium	<i>ACBD3</i>	-0.004736446	0.042589853	0.781375279	1
HTN	endometrium	<i>ACE</i>	-0.012063756	0.034899728	0.781375279	1
HTN	endometrium	<i>ACOT7</i>	-0.012909684	0.009568943	0.781375279	1
HTN	endometrium	<i>ACVRL1</i>	-0.013254829	0.0156607	0.781375279	1
HTN	endometrium	<i>ADSS</i>	-0.003134753	0.036334508	0.781375279	1
HTN	endometrium	<i>AGK</i>	-0.006529943	0.048950524	0.781375279	1
HTN	endometrium	<i>AGPS</i>	-0.004044521	0.020548155	0.781375279	1
HTN	endometrium	<i>AKR1E2</i>	-0.012306407	0.041251397	0.781375279	1
HTN	endometrium	<i>ALG10</i>	-0.025165497	0.049712871	0.781375279	1
HTN	endometrium	<i>ANAPC13</i>	-0.008548566	0.04229419	0.781375279	1
HTN	endometrium	<i>ANKRD29</i>	-0.003172164	0.032225174	0.781375279	1
HTN	endometrium	<i>ANKRD36B</i>	-0.004388265	0.02311676	0.781375279	1
HTN	endometrium	<i>ARL1</i>	0.006844473	0.008332036	0.781375279	1
HTN	endometrium	<i>ATRAID</i>	-0.007585792	0.038582575	0.781375279	1
HTN	endometrium	<i>BCL2L13</i>	-0.003336255	0.03884355	0.781375279	1
HTN	endometrium	<i>BDH2</i>	-0.009738358	0.004308036	0.781375279	1
HTN	endometrium	<i>BIN3</i>	-0.009458469	0.04164112	0.781375279	1
HTN	endometrium	<i>C14orf80</i>	-0.027422746	0.015347808	0.781375279	1
HTN	endometrium	<i>C2CD5</i>	-0.003069965	0.010751308	0.781375279	1
HTN	endometrium	<i>C5orf17</i>	-0.005171436	0.04886763	0.781375279	1
HTN	endometrium	<i>C7orf73</i>	-0.004954115	0.042883831	0.781375279	1
HTN	endometrium	<i>CA8</i>	-0.020801939	0.028322231	0.781375279	1
HTN	endometrium	<i>CADM2</i>	-0.00318071	0.005014933	0.781375279	1
HTN	endometrium	<i>CARHSP1</i>	-0.004033565	0.022699918	0.781375279	1
HTN	endometrium	<i>CCAR2</i>	-0.009884422	0.035644386	0.781375279	1
HTN	endometrium	<i>CCDC167</i>	-0.014715139	0.035217923	0.781375279	1
HTN	endometrium	<i>CCDC68</i>	-0.006694618	0.034047532	0.781375279	1
HTN	endometrium	<i>CCDC8</i>	-0.050554457	0.010394501	0.781375279	1
HTN	endometrium	<i>CCL14</i>	-0.038720524	0.015186973	0.781375279	1
HTN	endometrium	<i>CCL16</i>	-0.054569474	0.031512141	0.781375279	1
HTN	endometrium	<i>CD7</i>	-0.01051208	0.034901	0.781375279	1
HTN	endometrium	<i>CDC42EP1</i>	-0.013544689	0.035095657	0.781375279	1
HTN	endometrium	<i>CDKN2AIPNL</i>	-0.019329298	0.026621652	0.781375279	1
HTN	endometrium	<i>CEACAM19</i>	-0.023885798	0.003551102	0.781375279	1
HTN	endometrium	<i>CEP135</i>	-0.005415379	0.014069347	0.781375279	1
HTN	endometrium	<i>CHRFAM7A</i>	-0.111529028	0.048447865	0.781375279	1
HTN	endometrium	<i>CKAP2</i>	-0.006925469	0.021448	0.781375279	1
HTN	endometrium	<i>CLDN9</i>	-0.006382614	0.023352713	0.781375279	1
HTN	endometrium	<i>CPAMD8</i>	-0.015156346	0.047827724	0.781375279	1
HTN	endometrium	<i>CPLX1</i>	-0.019961649	0.002644156	0.781375279	1
HTN	endometrium	<i>CTNBL1</i>	-0.004387203	0.010447269	0.781375279	1
HTN	endometrium	<i>CYB5D2</i>	-0.006828253	0.034557562	0.781375279	1
HTN	endometrium	<i>CYBRD1</i>	-0.002622661	0.023473709	0.781375279	1
HTN	endometrium	<i>CYP4V2</i>	-0.009726201	0.031111497	0.781375279	1
HTN	endometrium	<i>DIP2A</i>	-0.004030885	0.037237619	0.781375279	1
HTN	endometrium	<i>DNAJC30</i>	-0.014163548	0.041880879	0.781375279	1
HTN	endometrium	<i>DOC2B</i>	-0.014708179	0.036522628	0.781375279	1
HTN	endometrium	<i>DTYMK</i>	0.011284818	0.033369778	0.781375279	1
HTN	endometrium	<i>DUS3L</i>	-0.027359489	0.008626059	0.781375279	1

HTN	endometrium	<i>EIF5A</i>	-0.016739356	0.038655852	0.781375279	1
HTN	endometrium	<i>ENOS</i>	-0.031451726	0.003241269	0.781375279	1
HTN	endometrium	<i>EPB41L4A</i>	-0.002031086	0.014745735	0.781375279	1
HTN	endometrium	<i>ERBB2</i>	-0.00750362	0.043631726	0.781375279	1
HTN	endometrium	<i>ERCC3</i>	-0.006652637	0.04865924	0.781375279	1
HTN	endometrium	<i>EVA1B</i>	-0.013109241	0.037851981	0.781375279	1
HTN	endometrium	<i>EXOC2</i>	-0.003460522	0.042058306	0.781375279	1
HTN	endometrium	<i>FAM184A</i>	-0.007298372	0.039317793	0.781375279	1
HTN	endometrium	<i>FAM32A</i>	-0.025113151	0.004265285	0.781375279	1
HTN	endometrium	<i>FDFT1</i>	-0.00798608	0.002851874	0.781375279	1
HTN	endometrium	<i>FES</i>	-0.008770539	0.045479	0.781375279	1
HTN	endometrium	<i>FKBP7</i>	-0.008388993	0.030042096	0.781375279	1
HTN	endometrium	<i>FLYWCH1</i>	-0.005128397	0.038451094	0.781375279	1
HTN	endometrium	<i>FXYD2</i>	0.054325408	0.003320853	0.781375279	1
HTN	endometrium	<i>GABRP</i>	-0.041341617	0.009797063	0.781375279	1
HTN	endometrium	<i>GALNT15</i>	-0.004178147	0.041699749	0.781375279	1
HTN	endometrium	<i>GALNT3</i>	-0.006185594	0.020142824	0.781375279	1
HTN	endometrium	<i>GFMI</i>	-0.004064074	0.0494129	0.781375279	1
HTN	endometrium	<i>GIGYF1</i>	-0.012112757	0.049104014	0.781375279	1
HTN	endometrium	<i>GIMAP1</i>	-0.007709307	0.042024626	0.781375279	1
HTN	endometrium	<i>GIMAP8</i>	-0.003111351	0.019705228	0.781375279	1
HTN	endometrium	<i>GLIPR1L2</i>	-0.01236655	0.032438624	0.781375279	1
HTN	endometrium	<i>GMPR</i>	-0.005946099	0.03234249	0.781375279	1
HTN	endometrium	<i>GON4L</i>	-0.004093645	0.037856889	0.781375279	1
HTN	endometrium	<i>GSTP1</i>	-0.005082316	0.028750338	0.781375279	1
HTN	endometrium	<i>HAUS1</i>	-0.014422394	0.045656498	0.781375279	1
HTN	endometrium	<i>HDDC2</i>	-0.007879287	0.030720721	0.781375279	1
HTN	endometrium	<i>HNRNPAIL2</i>	-0.048905435	0.030391162	0.781375279	1
HTN	endometrium	<i>HRCT1</i>	-0.040793547	0.029534459	0.781375279	1
HTN	endometrium	<i>HSD17B11</i>	-0.003588397	0.04620771	0.781375279	1
HTN	endometrium	<i>HSD17B8</i>	-0.041105093	0.028587442	0.781375279	1
HTN	endometrium	<i>ICMT</i>	-0.019975527	0.03726475	0.781375279	1
HTN	endometrium	<i>IFITM2</i>	-0.007825129	0.007056891	0.781375279	1
HTN	endometrium	<i>ITGB3BP</i>	-0.003239106	0.026329253	0.781375279	1
HTN	endometrium	<i>IVD</i>	-0.006538239	0.044812286	0.781375279	1
HTN	endometrium	<i>KHDC1</i>	-0.010236507	0.002541254	0.781375279	1
HTN	endometrium	<i>KLKB1</i>	-0.022539827	0.030618941	0.781375279	1
HTN	endometrium	<i>KREMEN1</i>	-0.003224815	0.042700221	0.781375279	1
HTN	endometrium	<i>LDHC</i>	-0.050989511	0.024993463	0.781375279	1
HTN	endometrium	<i>LINC00987</i>	-0.010131088	0.025198063	0.781375279	1
HTN	endometrium	<i>LINC01068</i>	-0.060472574	0.031331783	0.781375279	1
HTN	endometrium	<i>LSG1</i>	-0.004122798	0.045448248	0.781375279	1
HTN	endometrium	<i>LSR</i>	-0.011187021	0.005701031	0.781375279	1
HTN	endometrium	<i>LURAP1</i>	-0.011230199	0.016984271	0.781375279	1
HTN	endometrium	<i>LY6H</i>	-0.081373516	0.003621051	0.781375279	1
HTN	endometrium	<i>LY6K</i>	-0.085897515	0.010240778	0.781375279	1
HTN	endometrium	<i>MAN2C1</i>	0.003106425	0.04802968	0.781375279	1
HTN	endometrium	<i>MBLAC1</i>	-0.021552043	0.015196508	0.781375279	1
HTN	endometrium	<i>MED24</i>	-0.012928214	0.015367133	0.781375279	1
HTN	endometrium	<i>MET</i>	-0.004082417	0.024109497	0.781375279	1
HTN	endometrium	<i>MPI</i>	-0.01166913	0.015179523	0.781375279	1
HTN	endometrium	<i>MRPS7</i>	-0.00857079	0.018068197	0.781375279	1

HTN	endometrium	<i>MYO10</i>	-0.003313976	0.031967747	0.781375279	1
HTN	endometrium	<i>MYO15B</i>	-0.004657494	0.040436463	0.781375279	1
HTN	endometrium	<i>MYOM2</i>	-0.022077813	0.026035494	0.781375279	1
HTN	endometrium	<i>NAGLU</i>	-0.008812035	0.037273197	0.781375279	1
HTN	endometrium	<i>NDNF</i>	-0.024765684	0.017695745	0.781375279	1
HTN	endometrium	<i>NDUFA12</i>	-0.007968766	0.017393847	0.781375279	1
HTN	endometrium	<i>NDUFC2</i>	-0.009858799	0.022017855	0.781375279	1
HTN	endometrium	<i>NDUFS5</i>	-0.006445895	0.041398485	0.781375279	1
HTN	endometrium	<i>NOSTRIN</i>	-0.003694467	0.040602274	0.781375279	1
HTN	endometrium	<i>NSA2</i>	-0.010932061	0.002894487	0.781375279	1
HTN	endometrium	<i>NT5C3B</i>	0.009335259	0.044459706	0.781375279	1
HTN	endometrium	<i>NUDT14</i>	-0.042051998	0.004842116	0.781375279	1
HTN	endometrium	<i>OGN</i>	-0.003559977	0.041152604	0.781375279	1
HTN	endometrium	<i>OSBPL5</i>	-0.004940238	0.029882773	0.781375279	1
HTN	endometrium	<i>P2RY11</i>	-0.0283653	0.032318993	0.781375279	1
HTN	endometrium	<i>PAFAH2</i>	-0.009364711	0.045327712	0.781375279	1
HTN	endometrium	<i>PCDHGA6</i>	-0.022520355	0.042300983	0.781375279	1
HTN	endometrium	<i>PCGF3</i>	-0.007785975	0.02175328	0.781375279	1
HTN	endometrium	<i>PDCD5</i>	-0.011208892	0.036804436	0.781375279	1
HTN	endometrium	<i>PDHB</i>	-0.005344094	0.049010681	0.781375279	1
HTN	endometrium	<i>PHOSPHO2</i>	-0.02515455	0.031290394	0.781375279	1
HTN	endometrium	<i>PHYH</i>	-0.006763295	0.026775594	0.781375279	1
HTN	endometrium	<i>PIGK</i>	-0.008424517	0.043437842	0.781375279	1
HTN	endometrium	<i>PLGRKT</i>	-0.006075839	0.02213176	0.781375279	1
HTN	endometrium	<i>PLLP</i>	-0.014664553	0.014680289	0.781375279	1
HTN	endometrium	<i>PLXNA1</i>	-0.007620196	0.041273082	0.781375279	1
HTN	endometrium	<i>PNMA2</i>	-0.036958266	0.028973753	0.781375279	1
HTN	endometrium	<i>POLR2J</i>	-0.01661518	0.004742724	0.781375279	1
HTN	endometrium	<i>PPP4R4</i>	-0.031287652	0.047784369	0.781375279	1
HTN	endometrium	<i>PRR4</i>	-0.005177773	0.044067392	0.781375279	1
HTN	endometrium	<i>PSMG3-AS1</i>	-0.017993003	0.046102757	0.781375279	1
HTN	endometrium	<i>PTGIS</i>	-0.004846699	0.01599797	0.781375279	1
HTN	endometrium	<i>PUS3</i>	-0.016814832	0.016676264	0.781375279	1
HTN	endometrium	<i>PYURF</i>	-0.014711447	0.034059835	0.781375279	1
HTN	endometrium	<i>RAMP2-AS1</i>	-0.009073977	0.04724341	0.781375279	1
HTN	endometrium	<i>RBBP9</i>	0.015245344	0.032604717	0.781375279	1
HTN	endometrium	<i>RCN1</i>	-0.005625829	0.048774034	0.781375279	1
HTN	endometrium	<i>RNF32</i>	-0.012835112	0.027117136	0.781375279	1
HTN	endometrium	<i>RNF8</i>	-0.007053049	0.048516924	0.781375279	1
HTN	endometrium	<i>RPP25</i>	0.043931106	0.047650264	0.781375279	1
HTN	endometrium	<i>RPS6KB2</i>	-0.008594628	0.038420351	0.781375279	1
HTN	endometrium	<i>RUVBL2</i>	-0.02217132	0.017948319	0.781375279	1
HTN	endometrium	<i>RYR3</i>	-0.002983572	0.028665797	0.781375279	1
HTN	endometrium	<i>SIPR1</i>	-0.010293665	0.019661199	0.781375279	1
HTN	endometrium	<i>SAMD5</i>	-0.013319138	0.009600933	0.781375279	1
HTN	endometrium	<i>SCAND1</i>	-0.012612797	0.014043982	0.781375279	1
HTN	endometrium	<i>SCAPER</i>	-0.001746701	0.041620468	0.781375279	1
HTN	endometrium	<i>SCIN</i>	-0.009165964	0.049202621	0.781375279	1
HTN	endometrium	<i>SCN11A</i>	-0.035197777	0.018528168	0.781375279	1
HTN	endometrium	<i>SCUBE2</i>	-0.020581798	0.009939904	0.781375279	1
HTN	endometrium	<i>SEC22A</i>	-0.003053285	0.007533529	0.781375279	1
HTN	endometrium	<i>SERF2</i>	-0.002844914	0.0207097	0.781375279	1

HTN	endometrium	<i>SERPINF2</i>	-0.014915484	0.004529506	0.781375279	1
HTN	endometrium	<i>SETD9</i>	-0.018725152	0.039099839	0.781375279	1
HTN	endometrium	<i>SGSH</i>	0.008647876	0.035226655	0.781375279	1
HTN	endometrium	<i>SH2D2A</i>	-0.02021641	0.022469853	0.781375279	1
HTN	endometrium	<i>SH2D4B</i>	-0.08537918	0.02639986	0.781375279	1
HTN	endometrium	<i>SIM2</i>	-0.056439573	0.013629594	0.781375279	1
HTN	endometrium	<i>SLC26A5</i>	-0.003464572	0.041815532	0.781375279	1
HTN	endometrium	<i>SLC26A8</i>	-0.040034976	0.009935316	0.781375279	1
HTN	endometrium	<i>SPAG1</i>	-0.005241338	0.04734272	0.781375279	1
HTN	endometrium	<i>SRD5A3</i>	-0.01489841	0.039899512	0.781375279	1
HTN	endometrium	<i>SRP14</i>	-0.005263352	0.011761566	0.781375279	1
HTN	endometrium	<i>ST3GAL4</i>	-0.007178149	0.042294985	0.781375279	1
HTN	endometrium	<i>ST8SIA6</i>	-0.004500684	0.007328789	0.781375279	1
HTN	endometrium	<i>STEAP3</i>	-0.010908881	0.03209016	0.781375279	1
HTN	endometrium	<i>STX8</i>	-0.00290396	0.03279929	0.781375279	1
HTN	endometrium	<i>SUPT20H</i>	-0.00449476	0.023710928	0.781375279	1
HTN	endometrium	<i>SYCE1L</i>	-0.024989383	0.010227258	0.781375279	1
HTN	endometrium	<i>SYNJ2</i>	-0.010409049	0.024167278	0.781375279	1
HTN	endometrium	<i>TACR2</i>	-0.129773922	0.014650761	0.781375279	1
HTN	endometrium	<i>TAF1C</i>	-0.018332089	0.002687284	0.781375279	1
HTN	endometrium	<i>TAS2R4</i>	-0.014200131	0.03526471	0.781375279	1
HTN	endometrium	<i>TBKBPI</i>	-0.024799596	0.027807136	0.781375279	1
HTN	endometrium	<i>TDGF1</i>	-0.095368973	0.032673007	0.781375279	1
HTN	endometrium	<i>TEFM</i>	-0.004297107	0.028447366	0.781375279	1
HTN	endometrium	<i>TFPT</i>	-0.009045239	0.037116317	0.781375279	1
HTN	endometrium	<i>THAP5</i>	-0.014176052	0.029493787	0.781375279	1
HTN	endometrium	<i>TIMP4</i>	-0.010871579	0.030857198	0.781375279	1
HTN	endometrium	<i>TLR3</i>	-0.017400746	0.017677565	0.781375279	1
HTN	endometrium	<i>TMEM128</i>	-0.010808943	0.040986766	0.781375279	1
HTN	endometrium	<i>TNFRSF10D</i>	-0.011044535	0.041814483	0.781375279	1
HTN	endometrium	<i>TPO</i>	-0.003645941	0.043013231	0.781375279	1
HTN	endometrium	<i>TSPYL1</i>	-0.012671866	0.034597419	0.781375279	1
HTN	endometrium	<i>TTC7B</i>	-0.002659674	0.040536511	0.781375279	1
HTN	endometrium	<i>TTC9C</i>	-0.008429501	0.020455857	0.781375279	1
HTN	endometrium	<i>ULK3</i>	0.007793174	0.043272882	0.781375279	1
HTN	endometrium	<i>UROS</i>	-0.011000576	0.004387174	0.781375279	1
HTN	endometrium	<i>WDSUB1</i>	-0.005478507	0.030324494	0.781375279	1
HTN	endometrium	<i>WHAMM</i>	-0.007532131	0.045340545	0.781375279	1
HTN	endometrium	<i>XPO7</i>	-0.003938051	0.017815618	0.781375279	1
HTN	endometrium	<i>YPEL3</i>	-0.005251262	0.02433887	0.781375279	1
HTN	endometrium	<i>ZDHHC11B</i>	-0.013620109	0.007971018	0.781375279	1
HTN	endometrium	<i>ZDHHC4</i>	-0.011554153	0.01064776	0.781375279	1
HTN	endometrium	<i>ZFP41</i>	-0.043010684	0.000990876	0.781375279	1
HTN	endometrium	<i>ZFP90</i>	-0.005756823	0.020400797	0.781375279	1
HTN	endometrium	<i>ZKSCAN2</i>	-0.040132644	0.039738387	0.781375279	1
HTN	endometrium	<i>ZKSCAN5</i>	-0.018401352	0.04665467	0.781375279	1
HTN	endometrium	<i>ZNF229</i>	-0.092155965	0.007022871	0.781375279	1
HTN	endometrium	<i>ZNF30</i>	-0.008707877	0.012886065	0.781375279	1
HTN	endometrium	<i>ZNF302</i>	-0.003610328	0.028663501	0.781375279	1
HTN	endometrium	<i>ZNF343</i>	-0.021779944	0.02389548	0.781375279	1
HTN	endometrium	<i>ZNF420</i>	-0.005207618	0.024825263	0.781375279	1
HTN	endometrium	<i>ZNF500</i>	-0.014384483	0.008496875	0.781375279	1

HTN	endometrium	<i>ZNF517</i>	-0.027810834	0.032511144	0.781375279	1
HTN	endometrium	<i>ZNF528</i>	-0.010171485	0.028775818	0.781375279	1
HTN	endometrium	<i>ZNF549</i>	-0.008573138	0.008163981	0.781375279	1
HTN	endometrium	<i>ZNF600</i>	-0.00707031	0.032956397	0.781375279	1
HTN	endometrium	<i>ZNF677</i>	-0.011062033	0.044153202	0.781375279	1
HTN	endometrium	<i>TTC24</i>	-0.006765431	0.031669502	0.781375279	1
HTN	endometrium	<i>ADAD2</i>	-0.076406511	0.030143867	0.781375279	1
HTN	endometrium	<i>KIF25-AS1</i>	-0.008842958	0.025723907	0.781375279	1
HTN	endothelial	<i>ABHD1</i>	-0.00916021	0.036522442	0.574056377	1
HTN	endothelial	<i>ABLM2</i>	-0.007356262	0.045871455	0.574056377	1
HTN	endothelial	<i>AC069213.1</i>	-0.079824633	0.037012935	0.574056377	1
HTN	endothelial	<i>ACCS</i>	-0.008562329	0.039682077	0.574056377	1
HTN	endothelial	<i>ACOT7</i>	-0.013040377	0.009036085	0.574056377	1
HTN	endothelial	<i>ADAM10</i>	-0.001856776	0.046147608	0.574056377	1
HTN	endothelial	<i>ADPRH</i>	-0.022479391	0.046872447	0.574056377	1
HTN	endothelial	<i>ALYREF</i>	-0.046331387	0.030345414	0.574056377	1
HTN	endothelial	<i>AMACR</i>	-0.062292733	0.02368395	0.574056377	1
HTN	endothelial	<i>AMT</i>	-0.017464129	0.021277148	0.574056377	1
HTN	endothelial	<i>AP000347.2</i>	-0.022957832	0.049922193	0.574056377	1
HTN	endothelial	<i>AP1M2</i>	-0.063950328	0.018159787	0.574056377	1
HTN	endothelial	<i>AP3S2</i>	-0.012721263	0.047591268	0.574056377	1
HTN	endothelial	<i>ARMC10</i>	-0.008807963	0.018010152	0.574056377	1
HTN	endothelial	<i>ASB4</i>	-0.035801951	0.027871467	0.574056377	1
HTN	endothelial	<i>AURKC</i>	-0.090381251	0.045013121	0.574056377	1
HTN	endothelial	<i>BBS4</i>	-0.005800764	0.049464404	0.574056377	1
HTN	endothelial	<i>BMPRI4</i>	-0.002154478	0.042527231	0.574056377	1
HTN	endothelial	<i>BOD1</i>	-0.012939369	0.039652684	0.574056377	1
HTN	endothelial	<i>BTNL8</i>	-0.012214084	0.024550674	0.574056377	1
HTN	endothelial	<i>C10orf25</i>	0.073927046	0.033609628	0.574056377	1
HTN	endothelial	<i>C14orf80</i>	-0.025464517	0.025293888	0.574056377	1
HTN	endothelial	<i>C16orf86</i>	-0.021689134	0.039484574	0.574056377	1
HTN	endothelial	<i>C18orf8</i>	-0.007943442	0.008905357	0.574056377	1
HTN	endothelial	<i>C19orf48</i>	-0.014326563	0.029069386	0.574056377	1
HTN	endothelial	<i>C1orf43</i>	-0.003958255	0.047306446	0.574056377	1
HTN	endothelial	<i>C2orf40</i>	-0.003652897	0.042901905	0.574056377	1
HTN	endothelial	<i>C5orf63</i>	-0.018371471	0.03218957	0.574056377	1
HTN	endothelial	<i>C7orf49</i>	-0.00589136	0.004091956	0.574056377	1
HTN	endothelial	<i>CACNA1H</i>	-0.008220577	0.043185932	0.574056377	1
HTN	endothelial	<i>CADM2</i>	-0.002260217	0.044063436	0.574056377	1
HTN	endothelial	<i>CAPN10</i>	-0.011105748	0.047532469	0.574056377	1
HTN	endothelial	<i>CAPS2</i>	-0.005369253	0.035707479	0.574056377	1
HTN	endothelial	<i>CASC20</i>	-0.016800023	0.022986492	0.574056377	1
HTN	endothelial	<i>CASP7</i>	-0.006836852	0.039226242	0.574056377	1
HTN	endothelial	<i>CASP9</i>	-0.011467543	0.004816426	0.574056377	1
HTN	endothelial	<i>CBFB</i>	-0.003250959	0.034602731	0.574056377	1
HTN	endothelial	<i>CCDC68</i>	-0.008913634	0.004655376	0.574056377	1
HTN	endothelial	<i>CCDC74A</i>	-0.233033197	0.00467474	0.574056377	1
HTN	endothelial	<i>CCDC89</i>	-0.087919959	0.006640356	0.574056377	1
HTN	endothelial	<i>CCL14</i>	-0.03236969	0.040814367	0.574056377	1
HTN	endothelial	<i>CD151</i>	-0.006203157	0.013508531	0.574056377	1
HTN	endothelial	<i>CDC25B</i>	-0.017480566	0.004039063	0.574056377	1
HTN	endothelial	<i>CDC42EPI</i>	-0.014091261	0.027349366	0.574056377	1

HTN	endothelial	<i>CEACAM19</i>	-0.016545645	0.042372553	0.574056377	1
HTN	endothelial	<i>CENPC</i>	-0.003357208	0.034235745	0.574056377	1
HTN	endothelial	<i>CETN3</i>	-0.017059282	0.045834031	0.574056377	1
HTN	endothelial	<i>CFHR3</i>	-0.083916659	0.024117155	0.574056377	1
HTN	endothelial	<i>CHAF1B</i>	-0.017145883	0.038936993	0.574056377	1
HTN	endothelial	<i>CHRD</i>	-0.016252186	0.006458815	0.574056377	1
HTN	endothelial	<i>CLDN9</i>	-0.006016259	0.031726733	0.574056377	1
HTN	endothelial	<i>CLEC18A</i>	-0.036076268	0.043721681	0.574056377	1
HTN	endothelial	<i>CLEC3B</i>	-0.018585957	0.009803451	0.574056377	1
HTN	endothelial	<i>CNTLN</i>	-0.001630133	0.045251286	0.574056377	1
HTN	endothelial	<i>COMMD2</i>	-0.007356043	0.042372219	0.574056377	1
HTN	endothelial	<i>CPLX1</i>	-0.014612276	0.026423051	0.574056377	1
HTN	endothelial	<i>CPXM2</i>	-0.006536205	0.043189349	0.574056377	1
HTN	endothelial	<i>CRNKL1</i>	-0.011201213	0.039037968	0.574056377	1
HTN	endothelial	<i>CSTF1</i>	-0.007369582	0.035936295	0.574056377	1
HTN	endothelial	<i>CTNNAL1</i>	-0.005338903	0.040186168	0.574056377	1
HTN	endothelial	<i>CTSF</i>	-0.009703575	0.045979003	0.574056377	1
HTN	endothelial	<i>CUTA</i>	-0.008098034	0.048747174	0.574056377	1
HTN	endothelial	<i>CYB5R2</i>	-0.038325116	0.037777276	0.574056377	1
HTN	endothelial	<i>CYP2U1</i>	-0.01372787	0.03761011	0.574056377	1
HTN	endothelial	<i>CYP4A11</i>	-0.0438845	0.026013087	0.574056377	1
HTN	endothelial	<i>CYP4Z1</i>	-0.033621429	0.021795317	0.574056377	1
HTN	endothelial	<i>DCTD</i>	-0.012412129	0.040052724	0.574056377	1
HTN	endothelial	<i>DGKQ</i>	-0.016486641	0.042184452	0.574056377	1
HTN	endothelial	<i>DNAH5</i>	-0.036801951	0.033375504	0.574056377	1
HTN	endothelial	<i>DNAJC16</i>	-0.005500613	0.008594713	0.574056377	1
HTN	endothelial	<i>DNASE2</i>	-0.015491845	0.024436969	0.574056377	1
HTN	endothelial	<i>DNTTIP1</i>	-0.006275109	0.038825265	0.574056377	1
HTN	endothelial	<i>DUSP19</i>	-0.032572395	0.022880077	0.574056377	1
HTN	endothelial	<i>DYRK3</i>	-0.022283234	0.013604636	0.574056377	1
HTN	endothelial	<i>ECM2</i>	-0.002717056	0.019371806	0.574056377	1
HTN	endothelial	<i>ECT2L</i>	-0.008078823	0.033558816	0.574056377	1
HTN	endothelial	<i>EFCAB6</i>	-0.006351821	0.049592052	0.574056377	1
HTN	endothelial	<i>EIF2D</i>	-0.007770162	0.02435097	0.574056377	1
HTN	endothelial	<i>ELAC2</i>	-0.008320857	0.012786752	0.574056377	1
HTN	endothelial	<i>EMILIN3</i>	-0.06848292	0.005225989	0.574056377	1
HTN	endothelial	<i>EMP2</i>	-0.004106252	0.04308817	0.574056377	1
HTN	endothelial	<i>ENDOD1</i>	-0.009729878	0.048625784	0.574056377	1
HTN	endothelial	<i>EPCAM</i>	0.02036929	0.0366658	0.574056377	1
HTN	endothelial	<i>EYA3</i>	-0.003842995	0.033492576	0.574056377	1
HTN	endothelial	<i>FAM124A</i>	-0.016765659	0.008859315	0.574056377	1
HTN	endothelial	<i>FAM229B</i>	-0.011508747	0.04496134	0.574056377	1
HTN	endothelial	<i>FANCA</i>	-0.007398997	0.030093843	0.574056377	1
HTN	endothelial	<i>FBXO10</i>	-0.063792695	0.047365497	0.574056377	1
HTN	endothelial	<i>FBXO22</i>	-0.005197871	0.044313041	0.574056377	1
HTN	endothelial	<i>FBXO38</i>	-0.004020503	0.049046766	0.574056377	1
HTN	endothelial	<i>FGFR3</i>	-0.034552718	0.01369156	0.574056377	1
HTN	endothelial	<i>FGGY</i>	-0.003509499	0.008316983	0.574056377	1
HTN	endothelial	<i>FKBP7</i>	-0.008356264	0.029648301	0.574056377	1
HTN	endothelial	<i>FTCD</i>	-0.060547719	0.032134182	0.574056377	1
HTN	endothelial	<i>FZD7</i>	-0.016652076	0.033690906	0.574056377	1
HTN	endothelial	<i>G6PC3</i>	-0.019199842	0.010056321	0.574056377	1

HTN	endothelial	<i>GABRP</i>	-0.038811336	0.014582753	0.574056377	1
HTN	endothelial	<i>GALNT8</i>	-0.036096699	0.011832344	0.574056377	1
HTN	endothelial	<i>GBP3</i>	-0.005746243	0.043376259	0.574056377	1
HTN	endothelial	<i>GBP7</i>	-0.036681178	0.027948241	0.574056377	1
HTN	endothelial	<i>GFOD1</i>	-0.003344527	0.006968854	0.574056377	1
HTN	endothelial	<i>GFRAL</i>	-0.041379561	0.030825516	0.574056377	1
HTN	endothelial	<i>GHRL</i>	-0.007721459	0.036591628	0.574056377	1
HTN	endothelial	<i>GIGYF1</i>	-0.012512227	0.043021212	0.574056377	1
HTN	endothelial	<i>GIMAP1</i>	-0.007782812	0.039587752	0.574056377	1
HTN	endothelial	<i>GMPR</i>	-0.006172964	0.027170662	0.574056377	1
HTN	endothelial	<i>GNRHR</i>	-0.015064019	0.016607265	0.574056377	1
HTN	endothelial	<i>GOLGA6L10</i>	-0.050700148	0.025312176	0.574056377	1
HTN	endothelial	<i>GPATCH3</i>	-0.012839515	0.035168996	0.574056377	1
HTN	endothelial	<i>GPIHBP1</i>	-0.009882212	0.049293782	0.574056377	1
HTN	endothelial	<i>GPR161</i>	-0.018506399	0.031568623	0.574056377	1
HTN	endothelial	<i>GRB10</i>	-0.003106561	0.031234424	0.574056377	1
HTN	endothelial	<i>GSDMD</i>	-0.007251697	0.041815381	0.574056377	1
HTN	endothelial	<i>HCG20</i>	-0.035156224	0.037614704	0.574056377	1
HTN	endothelial	<i>HEATR6</i>	-0.008660476	0.046101976	0.574056377	1
HTN	endothelial	<i>HELLS</i>	-0.009093252	0.006121337	0.574056377	1
HTN	endothelial	<i>HIP1</i>	-0.001552326	0.043379605	0.574056377	1
HTN	endothelial	<i>HMGB2</i>	-0.01176017	0.024082728	0.574056377	1
HTN	endothelial	<i>HNRNPA1L2</i>	-0.044193201	0.049562622	0.574056377	1
HTN	endothelial	<i>HOXB3</i>	-0.006822707	0.025503879	0.574056377	1
HTN	endothelial	<i>HRCT1</i>	-0.039922552	0.032227126	0.574056377	1
HTN	endothelial	<i>HSD17B1</i>	-0.020004138	0.031320253	0.574056377	1
HTN	endothelial	<i>HYI</i>	-0.009779603	0.017719533	0.574056377	1
HTN	endothelial	<i>ICMT</i>	-0.019946509	0.037648486	0.574056377	1
HTN	endothelial	<i>IFI27L2</i>	-0.015012955	0.035736978	0.574056377	1
HTN	endothelial	<i>IFITM2</i>	-0.005944026	0.039733284	0.574056377	1
HTN	endothelial	<i>IFT140</i>	-0.006397604	0.037225515	0.574056377	1
HTN	endothelial	<i>IGFBP4</i>	-0.004551368	0.02701663	0.574056377	1
HTN	endothelial	<i>IGHMBP2</i>	-0.012323349	0.001871702	0.574056377	1
HTN	endothelial	<i>IL11RA</i>	-0.012819396	0.015553716	0.574056377	1
HTN	endothelial	<i>IL17RC</i>	-0.01847896	0.046960221	0.574056377	1
HTN	endothelial	<i>IMPG1</i>	-0.075765897	0.028756328	0.574056377	1
HTN	endothelial	<i>INMT</i>	-0.013597968	0.037018214	0.574056377	1
HTN	endothelial	<i>ITGA2B</i>	-0.036590868	0.025562419	0.574056377	1
HTN	endothelial	<i>IZUMO1</i>	-0.118691403	0.017740861	0.574056377	1
HTN	endothelial	<i>KANSL2</i>	-0.011568253	0.036400048	0.574056377	1
HTN	endothelial	<i>KCTD10</i>	-0.013255509	0.012066666	0.574056377	1
HTN	endothelial	<i>KDELC2</i>	-0.012620978	0.025678496	0.574056377	1
HTN	endothelial	<i>KHK</i>	-0.034485248	0.028259386	0.574056377	1
HTN	endothelial	<i>KIAA1841</i>	-0.003422301	0.036224102	0.574056377	1
HTN	endothelial	<i>KLK5</i>	-0.032925205	0.019694618	0.574056377	1
HTN	endothelial	<i>LCA5L</i>	-0.011734743	0.014453757	0.574056377	1
HTN	endothelial	<i>LIN37</i>	-0.030878021	0.048929115	0.574056377	1
HTN	endothelial	<i>LIN52</i>	-0.004786753	0.024638571	0.574056377	1
HTN	endothelial	<i>LIN7C</i>	-0.006763458	0.00931093	0.574056377	1
HTN	endothelial	<i>LINC00672</i>	-0.039156083	0.027304363	0.574056377	1
HTN	endothelial	<i>LRRC46</i>	-0.097546387	0.029627751	0.574056377	1
HTN	endothelial	<i>LRRC58</i>	-0.007804439	0.04976341	0.574056377	1

HTN	endothelial	<i>LRWD1</i>	-0.049775562	0.027228395	0.574056377	1
HTN	endothelial	<i>LSR</i>	-0.010158448	0.012226039	0.574056377	1
HTN	endothelial	<i>MED17</i>	-0.016745061	0.018272232	0.574056377	1
HTN	endothelial	<i>MED21</i>	-0.006175749	0.009551414	0.574056377	1
HTN	endothelial	<i>MEIOB</i>	-0.03658778	0.04877117	0.574056377	1
HTN	endothelial	<i>MET</i>	-0.004010082	0.02529234	0.574056377	1
HTN	endothelial	<i>MEX3A</i>	-0.032348359	0.031496726	0.574056377	1
HTN	endothelial	<i>MFAP2</i>	-0.109705125	0.028073718	0.574056377	1
HTN	endothelial	<i>MFAP5</i>	-0.005725553	0.040140415	0.574056377	1
HTN	endothelial	<i>MMEL1</i>	-0.057755035	0.034947917	0.574056377	1
HTN	endothelial	<i>MMRN2</i>	-0.007370717	0.018774495	0.574056377	1
HTN	endothelial	<i>MPHOSPH6</i>	-0.003769632	0.047662283	0.574056377	1
HTN	endothelial	<i>MRGPRF</i>	-0.01178098	0.005256362	0.574056377	1
HTN	endothelial	<i>MRPL33</i>	-0.006642314	0.03947148	0.574056377	1
HTN	endothelial	<i>MRPS15</i>	-0.014155611	0.018990757	0.574056377	1
HTN	endothelial	<i>MSI1</i>	-0.051345208	0.046515779	0.574056377	1
HTN	endothelial	<i>MT1G</i>	-0.077230649	0.046816075	0.574056377	1
HTN	endothelial	<i>MTHFR</i>	-0.007376027	0.030192711	0.574056377	1
HTN	endothelial	<i>MTRNR2L4</i>	-0.102805524	0.047022448	0.574056377	1
HTN	endothelial	<i>MXD3</i>	-0.021955845	0.045384228	0.574056377	1
HTN	endothelial	<i>MXRA7</i>	-0.014668355	0.043114552	0.574056377	1
HTN	endothelial	<i>MYL5</i>	-0.020808649	0.030753183	0.574056377	1
HTN	endothelial	<i>MYO10</i>	-0.003064677	0.04787758	0.574056377	1
HTN	endothelial	<i>MYOM2</i>	-0.020293293	0.041724814	0.574056377	1
HTN	endothelial	<i>NBPF3</i>	-0.011623946	0.020066893	0.574056377	1
HTN	endothelial	<i>NCAPG2</i>	-0.008979776	0.045615302	0.574056377	1
HTN	endothelial	<i>NCKAP1</i>	-0.004086234	0.002839559	0.574056377	1
HTN	endothelial	<i>NDNF</i>	-0.022013453	0.034996534	0.574056377	1
HTN	endothelial	<i>NDUFA12</i>	-0.007061266	0.03531626	0.574056377	1
HTN	endothelial	<i>NEIL1</i>	-0.007592354	0.025975981	0.574056377	1
HTN	endothelial	<i>NOC4L</i>	-0.028805018	0.043606013	0.574056377	1
HTN	endothelial	<i>NOSTRIN</i>	-0.003581659	0.045030007	0.574056377	1
HTN	endothelial	<i>NOTCH4</i>	-0.003556812	0.035490155	0.574056377	1
HTN	endothelial	<i>NPC1</i>	-0.002682346	0.041841269	0.574056377	1
HTN	endothelial	<i>NUCKS1</i>	-0.00392391	0.036743561	0.574056377	1
HTN	endothelial	<i>NXNL1</i>	-0.074525514	0.02142159	0.574056377	1
HTN	endothelial	<i>ODF2</i>	-0.007684042	0.017775652	0.574056377	1
HTN	endothelial	<i>ODF2L</i>	-0.003539102	0.042705829	0.574056377	1
HTN	endothelial	<i>OR51E1</i>	-0.022660795	0.043306254	0.574056377	1
HTN	endothelial	<i>ORAI1</i>	-0.023999588	0.027487005	0.574056377	1
HTN	endothelial	<i>OSM</i>	-0.097188352	0.043612226	0.574056377	1
HTN	endothelial	<i>PAK4</i>	-0.011950521	0.015197142	0.574056377	1
HTN	endothelial	<i>PAM16</i>	-0.0153273	0.008392894	0.574056377	1
HTN	endothelial	<i>PCDHI</i>	-0.013232812	0.030607876	0.574056377	1
HTN	endothelial	<i>PCDHA7</i>	-0.224658609	0.005140209	0.574056377	1
HTN	endothelial	<i>PCMI</i>	-0.002482021	0.037486608	0.574056377	1
HTN	endothelial	<i>PCP2</i>	-0.108906705	0.003013462	0.574056377	1
HTN	endothelial	<i>PDIA4</i>	-0.005806594	0.042123338	0.574056377	1
HTN	endothelial	<i>PES1</i>	-0.008733343	0.002168552	0.574056377	1
HTN	endothelial	<i>PHOSPHO2</i>	-0.027650966	0.017468199	0.574056377	1
HTN	endothelial	<i>PIGK</i>	-0.00919001	0.027772978	0.574056377	1
HTN	endothelial	<i>PLVAP</i>	-0.009574166	0.014869036	0.574056377	1

HTN	endothelial	<i>PNMT</i>	-0.069666276	0.041300127	0.574056377	1
HTN	endothelial	<i>POC5</i>	-0.010522961	0.017944295	0.574056377	1
HTN	endothelial	<i>POLR2J</i>	-0.012710234	0.031487692	0.574056377	1
HTN	endothelial	<i>PRG4</i>	-0.00602192	0.049569828	0.574056377	1
HTN	endothelial	<i>PRR4</i>	-0.005739557	0.026007971	0.574056377	1
HTN	endothelial	<i>PSMD5</i>	-0.005054796	0.008092407	0.574056377	1
HTN	endothelial	<i>PSORS1C1</i>	-0.020798015	0.006253693	0.574056377	1
HTN	endothelial	<i>PSORS1C2</i>	-0.142009848	0.008372392	0.574056377	1
HTN	endothelial	<i>PTN</i>	-0.008173544	0.011449112	0.574056377	1
HTN	endothelial	<i>PWWP2B</i>	-0.014075841	0.038560601	0.574056377	1
HTN	endothelial	<i>PYURF</i>	-0.014291525	0.039597539	0.574056377	1
HTN	endothelial	<i>RAB38</i>	-0.008883936	0.031904674	0.574056377	1
HTN	endothelial	<i>RAPGEF3</i>	-0.005953561	0.049302372	0.574056377	1
HTN	endothelial	<i>RBBP6</i>	-0.004661548	0.006309696	0.574056377	1
HTN	endothelial	<i>RBBP9</i>	-0.017916851	0.011908312	0.574056377	1
HTN	endothelial	<i>RBM44</i>	-0.065058145	0.018858714	0.574056377	1
HTN	endothelial	<i>RBP7</i>	-0.006283301	0.028512454	0.574056377	1
HTN	endothelial	<i>RDH11</i>	-0.005776513	0.021557266	0.574056377	1
HTN	endothelial	<i>RIOK1</i>	-0.006929103	0.042742871	0.574056377	1
HTN	endothelial	<i>RPL13</i>	-0.001835879	0.025253137	0.574056377	1
HTN	endothelial	<i>RPP25L</i>	-0.019741038	0.022247552	0.574056377	1
HTN	endothelial	<i>RRAGA</i>	-0.026307512	0.016399174	0.574056377	1
HTN	endothelial	<i>SIPR1</i>	-0.00930273	0.034195019	0.574056377	1
HTN	endothelial	<i>SAMD5</i>	-0.012941947	0.011296877	0.574056377	1
HTN	endothelial	<i>SCIN</i>	-0.010612935	0.023600478	0.574056377	1
HTN	endothelial	<i>SCN11A</i>	-0.043648363	0.003361006	0.574056377	1
HTN	endothelial	<i>SCUBE2</i>	-0.021926375	0.005798676	0.574056377	1
HTN	endothelial	<i>SEC61A2</i>	-0.01402175	0.014990032	0.574056377	1
HTN	endothelial	<i>SEMA3E</i>	-0.015277536	0.018543285	0.574056377	1
HTN	endothelial	<i>SEMA3F</i>	-0.021123824	0.01281302	0.574056377	1
HTN	endothelial	<i>SERF2</i>	-0.003348362	0.006294415	0.574056377	1
HTN	endothelial	<i>SERPINC1</i>	-0.044603215	0.030273025	0.574056377	1
HTN	endothelial	<i>SIGIRR</i>	-0.00901812	0.0462453	0.574056377	1
HTN	endothelial	<i>SLC22A1</i>	-0.045940895	0.007429374	0.574056377	1
HTN	endothelial	<i>SLC25A21-AS1</i>	-0.020215192	0.020349051	0.574056377	1
HTN	endothelial	<i>SLC25A27</i>	-0.004254948	0.025195147	0.574056377	1
HTN	endothelial	<i>SLC25A51</i>	-0.040220414	0.024803746	0.574056377	1
HTN	endothelial	<i>SLC26A8</i>	-0.044670139	0.003703057	0.574056377	1
HTN	endothelial	<i>SLC35D2</i>	-0.007297791	0.029320479	0.574056377	1
HTN	endothelial	<i>SLFN12</i>	-0.010207987	0.023213832	0.574056377	1
HTN	endothelial	<i>SNX5</i>	-0.00467406	0.038586025	0.574056377	1
HTN	endothelial	<i>SPAG5</i>	-0.075387771	0.040150367	0.574056377	1
HTN	endothelial	<i>SPATA2L</i>	-0.007488287	0.018169834	0.574056377	1
HTN	endothelial	<i>SPATC1L</i>	-0.032279691	0.004075801	0.574056377	1
HTN	endothelial	<i>SPC25</i>	-0.004944589	0.04900104	0.574056377	1
HTN	endothelial	<i>SPDYE6</i>	-0.062951138	0.049096241	0.574056377	1
HTN	endothelial	<i>SPECC1L</i>	-0.022399794	0.042031829	0.574056377	1
HTN	endothelial	<i>SPIRE2</i>	-0.012087992	0.021995314	0.574056377	1
HTN	endothelial	<i>SPP1</i>	-0.020178592	0.028583971	0.574056377	1
HTN	endothelial	<i>SPTSSB</i>	-0.053267871	0.041334371	0.574056377	1
HTN	endothelial	<i>SRRT</i>	-0.006404668	0.039632547	0.574056377	1
HTN	endothelial	<i>STON1-GTF2A1L</i>	-0.017415213	0.014952911	0.574056377	1

HTN	endothelial	<i>STX2</i>	-0.004045644	0.049711271	0.574056377	1
HTN	endothelial	<i>SULF1</i>	-0.00163646	0.043098352	0.574056377	1
HTN	endothelial	<i>SYCE1L</i>	-0.025130342	0.009942606	0.574056377	1
HTN	endothelial	<i>SYNJ2</i>	-0.012382862	0.00700099	0.574056377	1
HTN	endothelial	<i>TAF1C</i>	-0.014894286	0.014664223	0.574056377	1
HTN	endothelial	<i>TBC1D9B</i>	-0.00661848	0.039212524	0.574056377	1
HTN	endothelial	<i>TEPP</i>	-0.061830161	0.039153901	0.574056377	1
HTN	endothelial	<i>TFR2</i>	-0.010410484	0.039177876	0.574056377	1
HTN	endothelial	<i>TIGD1</i>	-0.006889197	0.01598469	0.574056377	1
HTN	endothelial	<i>TIMP4</i>	-0.010411378	0.038959381	0.574056377	1
HTN	endothelial	<i>TIPRL</i>	-0.004847333	0.02881215	0.574056377	1
HTN	endothelial	<i>TMED2</i>	-0.009239612	0.033659178	0.574056377	1
HTN	endothelial	<i>TMEM184B</i>	-0.006990496	0.020917201	0.574056377	1
HTN	endothelial	<i>TMEM206</i>	0.012272654	0.002342686	0.574056377	1
HTN	endothelial	<i>TMEM222</i>	-0.01685114	0.038908494	0.574056377	1
HTN	endothelial	<i>TMEM258</i>	-0.010784882	0.020481802	0.574056377	1
HTN	endothelial	<i>TMEM50B</i>	-0.005824276	0.016231589	0.574056377	1
HTN	endothelial	<i>TMEM60</i>	-0.007024511	0.025106886	0.574056377	1
HTN	endothelial	<i>TMEM98</i>	-0.00609064	0.046285851	0.574056377	1
HTN	endothelial	<i>TMEM99</i>	-0.03061349	0.012113712	0.574056377	1
HTN	endothelial	<i>TNFRSF10D</i>	-0.013457387	0.012884756	0.574056377	1
HTN	endothelial	<i>TRAP1</i>	-0.005573572	0.038746405	0.574056377	1
HTN	endothelial	<i>TRIM6</i>	-0.047067505	0.032769943	0.574056377	1
HTN	endothelial	<i>TSFM</i>	-0.015170572	0.031210381	0.574056377	1
HTN	endothelial	<i>TSLP</i>	-0.026826709	0.001285169	0.574056377	1
HTN	endothelial	<i>TTC12</i>	-0.010592502	0.003333445	0.574056377	1
HTN	endothelial	<i>TUBG2</i>	-0.013353835	0.019511216	0.574056377	1
HTN	endothelial	<i>TULP1</i>	-0.074735714	0.031902824	0.574056377	1
HTN	endothelial	<i>UBOX5</i>	-0.008830363	0.01183181	0.574056377	1
HTN	endothelial	<i>ULK3</i>	-0.010300101	0.007285551	0.574056377	1
HTN	endothelial	<i>UNC13B</i>	-0.006407345	0.034570409	0.574056377	1
HTN	endothelial	<i>UNC45B</i>	-0.038359995	0.021856267	0.574056377	1
HTN	endothelial	<i>USP22</i>	-0.003184557	0.037523809	0.574056377	1
HTN	endothelial	<i>VCP</i>	-0.006791606	0.021143172	0.574056377	1
HTN	endothelial	<i>VIPR2</i>	-0.003123182	0.041105333	0.574056377	1
HTN	endothelial	<i>VPS37D</i>	-0.060638098	0.042282162	0.574056377	1
HTN	endothelial	<i>VSIG2</i>	-0.023547564	0.017067499	0.574056377	1
HTN	endothelial	<i>WARS2</i>	-0.006509561	0.047228288	0.574056377	1
HTN	endothelial	<i>WDR18</i>	-0.022092384	0.046263186	0.574056377	1
HTN	endothelial	<i>WDR60</i>	-0.005592432	0.007768776	0.574056377	1
HTN	endothelial	<i>WFDC3</i>	-0.016989339	0.044223198	0.574056377	1
HTN	endothelial	<i>WRB</i>	-0.007618446	0.04548196	0.574056377	1
HTN	endothelial	<i>XPO7</i>	-0.004636888	0.005174077	0.574056377	1
HTN	endothelial	<i>YBEY</i>	-0.012889701	0.031846142	0.574056377	1
HTN	endothelial	<i>ZBTB32</i>	-0.010831517	0.006800588	0.574056377	1
HTN	endothelial	<i>ZFP62</i>	0.00487764	0.048331063	0.574056377	1
HTN	endothelial	<i>ZKSCAN7</i>	-0.019543034	0.006589557	0.574056377	1
HTN	endothelial	<i>ZMYND12</i>	-0.056596882	0.006435743	0.574056377	1
HTN	endothelial	<i>ZNF132</i>	-0.026798241	0.023906057	0.574056377	1
HTN	endothelial	<i>ZNF138</i>	-0.004194999	0.048141909	0.574056377	1
HTN	endothelial	<i>ZNF200</i>	-0.029594286	0.019040711	0.574056377	1
HTN	endothelial	<i>ZNF263</i>	-0.006773686	0.016404507	0.574056377	1

HTN	endothelial	<i>ZNF264</i>	-0.004217452	0.02802158	0.574056377	1
HTN	endothelial	<i>ZNF454</i>	-0.013526453	0.007508592	0.574056377	1
HTN	endothelial	<i>ZNF462</i>	-0.004045404	0.033474869	0.574056377	1
HTN	endothelial	<i>ZNF528</i>	-0.010887678	0.019686887	0.574056377	1
HTN	endothelial	<i>ZNF568</i>	-0.011671857	0.00693106	0.574056377	1
HTN	endothelial	<i>ZNF584</i>	-0.013986615	0.008080848	0.574056377	1
HTN	endothelial	<i>ZNF613</i>	-0.026579284	0.022767199	0.574056377	1
HTN	endothelial	<i>ZNF623</i>	-0.013698347	0.01263282	0.574056377	1
HTN	endothelial	<i>ZNF732</i>	-0.064564379	0.013946269	0.574056377	1
HTN	endothelial	<i>ZNF749</i>	-0.021658729	0.010874517	0.574056377	1
HTN	endothelial	<i>ZNF763</i>	-0.02908643	0.04885021	0.574056377	1
HTN	endothelial	<i>ZNF773</i>	-0.025064266	0.035865002	0.574056377	1
HTN	endothelial	<i>ZNF79</i>	-0.009247905	0.049463463	0.574056377	1
HTN	endothelial	<i>ZNF846</i>	-0.002793669	0.00884354	0.574056377	1
HTN	endothelial	<i>ZNF90</i>	-0.022140686	0.030752287	0.574056377	1
HTN	endothelial	<i>ZSCAN23</i>	-0.014525987	0.042704952	0.574056377	1
HTN	endothelial	<i>ZSCAN31</i>	-0.009468501	0.020002986	0.574056377	1
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HTN	endothelial	<i>ARTN</i>	-0.008134405	0.045169774	0.574056377	1
HTN	endothelial	<i>LINC00619</i>	-0.075566987	0.001889821	0.574056377	1
HTN	endothelial	<i>SLC12A5</i>	-0.048468845	0.0433339	0.574056377	1
HTN	endothelial	<i>VPREB3</i>	-0.034362134	0.027880423	0.574056377	1
HTN	endothelial	<i>GPR12</i>	-0.095276506	0.00590023	0.574056377	1
HTN	endothelial	<i>ADAD2</i>	-0.088279167	0.011487458	0.574056377	1
HTN	endothelial	<i>SOHLH2</i>	-0.006604062	0.027131699	0.574056377	1
HTN	LEC	<i>ACHE</i>	0.01742951	0.030614087	0.942521482	1
HTN	LEC	<i>ACTN4</i>	-0.003294244	0.036189725	0.942521482	1
HTN	LEC	<i>ADCYAP1</i>	-0.057115102	0.023492336	0.942521482	1
HTN	LEC	<i>AFAP1L2</i>	-0.008687052	0.047311054	0.942521482	1
HTN	LEC	<i>AFF1</i>	-0.001436326	0.036686632	0.942521482	1
HTN	LEC	<i>AGAP6</i>	-0.011236095	0.037453237	0.942521482	1
HTN	LEC	<i>ALG10</i>	-0.027824079	0.030047646	0.942521482	1
HTN	LEC	<i>ALS2</i>	-0.00406629	0.016914908	0.942521482	1
HTN	LEC	<i>ANAPC11</i>	-0.005413134	0.018883933	0.942521482	1
HTN	LEC	<i>ANKRD36B</i>	-0.003785928	0.048363428	0.942521482	1
HTN	LEC	<i>ARGLU1</i>	-0.001403526	0.026140016	0.942521482	1
HTN	LEC	<i>ARHGEF19</i>	-0.019963175	0.006042434	0.942521482	1
HTN	LEC	<i>ARMC1</i>	-0.004957975	0.016857611	0.942521482	1
HTN	LEC	<i>ATP6V0A2</i>	-0.003010681	0.049076251	0.942521482	1
HTN	LEC	<i>BRCA2</i>	0.016543357	0.02967046	0.942521482	1
HTN	LEC	<i>C12orf57</i>	-0.010550806	0.047318075	0.942521482	1
HTN	LEC	<i>C14orf79</i>	-0.012742676	0.040386296	0.942521482	1
HTN	LEC	<i>C14orf80</i>	-0.030129361	0.008087017	0.942521482	1
HTN	LEC	<i>C2CD4C</i>	-0.045293929	0.039758952	0.942521482	1
HTN	LEC	<i>CADM2</i>	-0.002663216	0.017822143	0.942521482	1
HTN	LEC	<i>CDH15</i>	-0.022929198	0.015174071	0.942521482	1
HTN	LEC	<i>CFL2</i>	-0.010081473	0.029870418	0.942521482	1
HTN	LEC	<i>CGGBP1</i>	-0.002744961	0.024236251	0.942521482	1
HTN	LEC	<i>CLHC1</i>	-0.007866452	0.013165482	0.942521482	1
HTN	LEC	<i>CNGA3</i>	0.114391515	0.030033277	0.942521482	1
HTN	LEC	<i>CORO2A</i>	-0.015854676	0.021825185	0.942521482	1
HTN	LEC	<i>CPAMD8</i>	-0.016427964	0.03052628	0.942521482	1

HTN	LEC	<i>CPLX1</i>	-0.013516214	0.039891702	0.942521482	1
HTN	LEC	<i>CRELD1</i>	-0.011677178	0.011101879	0.942521482	1
HTN	LEC	<i>CYB5D2</i>	-0.006359607	0.048635472	0.942521482	1
HTN	LEC	<i>DIS3L</i>	-0.007518405	0.046452919	0.942521482	1
HTN	LEC	<i>DNALI1</i>	-0.033482133	0.038314932	0.942521482	1
HTN	LEC	<i>DRAM1</i>	-0.002813637	0.03209566	0.942521482	1
HTN	LEC	<i>DSCAML1</i>	0.003953586	0.049541225	0.942521482	1
HTN	LEC	<i>DUSP23</i>	-0.014435917	0.032284969	0.942521482	1
HTN	LEC	<i>DYRK3</i>	-0.018056839	0.045601968	0.942521482	1
HTN	LEC	<i>ECT2L</i>	-0.007774169	0.040491255	0.942521482	1
HTN	LEC	<i>EFHB</i>	-0.012916676	0.002352144	0.942521482	1
HTN	LEC	<i>EMC1</i>	-0.011686057	0.010396518	0.942521482	1
HTN	LEC	<i>EPB41L4A</i>	-0.002089734	0.011623456	0.942521482	1
HTN	LEC	<i>EPDR1</i>	-0.008468325	0.0381254	0.942521482	1
HTN	LEC	<i>ERAP2</i>	-0.003597117	0.019641679	0.942521482	1
HTN	LEC	<i>EVA1B</i>	-0.014160152	0.025090476	0.942521482	1
HTN	LEC	<i>FAM196A</i>	-0.003586179	0.036580362	0.942521482	1
HTN	LEC	<i>FAM228A</i>	-0.078962167	0.0131415	0.942521482	1
HTN	LEC	<i>FAM83B</i>	-0.053296089	0.029034267	0.942521482	1
HTN	LEC	<i>FANCG</i>	-0.036704405	0.035970883	0.942521482	1
HTN	LEC	<i>FCER1A</i>	-0.004551727	0.043061707	0.942521482	1
HTN	LEC	<i>FCRL3</i>	0.007099641	0.006055906	0.942521482	1
HTN	LEC	<i>FITM1</i>	-0.074685969	0.015823574	0.942521482	1
HTN	LEC	<i>GALNT3</i>	-0.005358381	0.045836996	0.942521482	1
HTN	LEC	<i>GFOD1</i>	-0.003108852	0.012237397	0.942521482	1
HTN	LEC	<i>GHRL</i>	-0.007641046	0.038761701	0.942521482	1
HTN	LEC	<i>GMPR</i>	-0.005880594	0.035382189	0.942521482	1
HTN	LEC	<i>GRB10</i>	-0.002871594	0.046286538	0.942521482	1
HTN	LEC	<i>GRPEL1</i>	-0.014072087	0.029744371	0.942521482	1
HTN	LEC	<i>GRTPI</i>	-0.008508014	0.046263262	0.942521482	1
HTN	LEC	<i>GSTM3</i>	-0.011057475	0.035152084	0.942521482	1
HTN	LEC	<i>HCG9</i>	-0.041943218	0.025456298	0.942521482	1
HTN	LEC	<i>HK2</i>	0.00404746	0.042926503	0.942521482	1
HTN	LEC	<i>HLA-G</i>	-0.023209052	0.044044751	0.942521482	1
HTN	LEC	<i>HS3ST6</i>	-0.051246785	0.042779627	0.942521482	1
HTN	LEC	<i>HSD17B12</i>	-0.008131132	0.018058525	0.942521482	1
HTN	LEC	<i>HSD17B3</i>	-0.020570691	0.009836575	0.942521482	1
HTN	LEC	<i>IFITM1</i>	-0.063073976	0.002511764	0.942521482	1
HTN	LEC	<i>INHBB</i>	-0.034511942	0.048769495	0.942521482	1
HTN	LEC	<i>INMT</i>	-0.013485826	0.038578538	0.942521482	1
HTN	LEC	<i>IRF6</i>	-0.025082462	0.030854887	0.942521482	1
HTN	LEC	<i>ITGB3</i>	-0.048144163	0.040114929	0.942521482	1
HTN	LEC	<i>ITPRIPL1</i>	-0.026509885	0.033589425	0.942521482	1
HTN	LEC	<i>JSRP1</i>	-0.056710664	0.038794673	0.942521482	1
HTN	LEC	<i>KIAA1468</i>	-0.001805932	0.042886105	0.942521482	1
HTN	LEC	<i>LGR5</i>	-0.028680649	0.015777595	0.942521482	1
HTN	LEC	<i>LINC00639</i>	-0.004252365	0.043754689	0.942521482	1
HTN	LEC	<i>LINC00694</i>	-0.082139391	0.027753393	0.942521482	1
HTN	LEC	<i>LRRC41</i>	-0.003438051	0.040129659	0.942521482	1
HTN	LEC	<i>LSR</i>	-0.010444564	0.00999445	0.942521482	1
HTN	LEC	<i>LURAP1</i>	-0.010077051	0.032069289	0.942521482	1
HTN	LEC	<i>MAP3K11</i>	-0.005203071	0.048933019	0.942521482	1

HTN	LEC	<i>MAPK9</i>	-0.009280444	0.026304034	0.942521482	1
HTN	LEC	<i>MET</i>	-0.003998827	0.025461171	0.942521482	1
HTN	LEC	<i>MLPH</i>	-0.003984493	0.018819386	0.942521482	1
HTN	LEC	<i>MOCS2</i>	-0.013087392	0.014845404	0.942521482	1
HTN	LEC	<i>MPHOSPH6</i>	-0.005317154	0.005436935	0.942521482	1
HTN	LEC	<i>MRPS15</i>	-0.012504361	0.037220951	0.942521482	1
HTN	LEC	<i>MSH3</i>	-0.002398246	0.034538658	0.942521482	1
HTN	LEC	<i>MVB12A</i>	-0.008466218	0.047712929	0.942521482	1
HTN	LEC	<i>MYO10</i>	-0.003224408	0.037495046	0.942521482	1
HTN	LEC	<i>MYO15B</i>	-0.00475922	0.035862396	0.942521482	1
HTN	LEC	<i>MYO6</i>	-0.00399816	0.045805379	0.942521482	1
HTN	LEC	<i>NIPA1</i>	-0.010314733	0.036037848	0.942521482	1
HTN	LEC	<i>NOSTRIN</i>	-0.003680145	0.039513043	0.942521482	1
HTN	LEC	<i>NOV</i>	-0.013059737	0.040126561	0.942521482	1
HTN	LEC	<i>NRM</i>	-0.029216467	0.035773387	0.942521482	1
HTN	LEC	<i>NSUN4</i>	-0.006278179	0.048385827	0.942521482	1
HTN	LEC	<i>NUDCD3</i>	-0.002446468	0.035319345	0.942521482	1
HTN	LEC	<i>NUDT14</i>	-0.034694278	0.019578143	0.942521482	1
HTN	LEC	<i>NUDT18</i>	-0.033539695	0.031695285	0.942521482	1
HTN	LEC	<i>PADI2</i>	-0.013551739	0.008058696	0.942521482	1
HTN	LEC	<i>PAX6</i>	-0.044359718	0.003770299	0.942521482	1
HTN	LEC	<i>PCDH1</i>	-0.012971857	0.03409214	0.942521482	1
HTN	LEC	<i>PCDHGA1</i>	-0.023627146	0.037266307	0.942521482	1
HTN	LEC	<i>PDIA4</i>	-0.005651463	0.047746279	0.942521482	1
HTN	LEC	<i>PEX12</i>	-0.016600101	0.020045571	0.942521482	1
HTN	LEC	<i>PHACTR4</i>	-0.002472542	0.045954918	0.942521482	1
HTN	LEC	<i>PI4KA</i>	-0.004131342	0.027599624	0.942521482	1
HTN	LEC	<i>PLA2G4B</i>	-0.069778381	0.006510179	0.942521482	1
HTN	LEC	<i>PLCXD3</i>	-0.004935226	0.039895767	0.942521482	1
HTN	LEC	<i>POLR2J</i>	-0.013936946	0.017849843	0.942521482	1
HTN	LEC	<i>PRKG2</i>	-0.006020168	0.026535508	0.942521482	1
HTN	LEC	<i>PRSS21</i>	-0.005016673	0.04750758	0.942521482	1
HTN	LEC	<i>PSMD2</i>	-0.011959944	0.004714593	0.942521482	1
HTN	LEC	<i>RAB15</i>	0.012339206	0.033213028	0.942521482	1
HTN	LEC	<i>RAB38</i>	-0.00872945	0.034754574	0.942521482	1
HTN	LEC	<i>RAPGEF3</i>	-0.007262733	0.0165496	0.942521482	1
HTN	LEC	<i>RAPGEF6</i>	-0.013427264	0.007080496	0.942521482	1
HTN	LEC	<i>RCN1</i>	-0.00605527	0.033130191	0.942521482	1
HTN	LEC	<i>RCN2</i>	-0.005690696	0.038720574	0.942521482	1
HTN	LEC	<i>RGPD8</i>	-0.020299595	0.038608186	0.942521482	1
HTN	LEC	<i>RIOK1</i>	-0.007352892	0.031402183	0.942521482	1
HTN	LEC	<i>RNF14</i>	-0.00579702	0.041012986	0.942521482	1
HTN	LEC	<i>RPS23</i>	-0.002200236	0.031736733	0.942521482	1
HTN	LEC	<i>RYR3</i>	-0.003332813	0.014700382	0.942521482	1
HTN	LEC	<i>SIPRI</i>	-0.009903489	0.024166123	0.942521482	1
HTN	LEC	<i>SAMM50</i>	-0.009190234	0.047870796	0.942521482	1
HTN	LEC	<i>SAR1A</i>	-0.008128252	0.019187483	0.942521482	1
HTN	LEC	<i>SCOC</i>	-0.010887386	0.036990631	0.942521482	1
HTN	LEC	<i>SEMA3F</i>	-0.018122506	0.032794971	0.942521482	1
HTN	LEC	<i>SERF1A</i>	-0.042130754	0.045012181	0.942521482	1
HTN	LEC	<i>SGTA</i>	-0.018579266	0.008495421	0.942521482	1
HTN	LEC	<i>SLC14A1</i>	-0.023049162	0.016602428	0.942521482	1

HTN	LEC	<i>SLC26A8</i>	-0.030861165	0.045682367	0.942521482	1
HTN	LEC	<i>SLC30A4</i>	-0.010734711	0.046101926	0.942521482	1
HTN	LEC	<i>SNRNP27</i>	-0.007543807	0.012094283	0.942521482	1
HTN	LEC	<i>SPC25</i>	-0.005177052	0.039391644	0.942521482	1
HTN	LEC	<i>ST8SIA6</i>	-0.004518638	0.00720221	0.942521482	1
HTN	LEC	<i>SULF1</i>	-0.00160122	0.047627934	0.942521482	1
HTN	LEC	<i>SULT1B1</i>	-0.012052196	0.026225385	0.942521482	1
HTN	LEC	<i>SYCE1L</i>	-0.019790522	0.042129503	0.942521482	1
HTN	LEC	<i>TACR2</i>	-0.127719648	0.015890791	0.942521482	1
HTN	LEC	<i>TBCD</i>	-0.005702213	0.019584406	0.942521482	1
HTN	LEC	<i>TBKBPI</i>	-0.02341968	0.036998409	0.942521482	1
HTN	LEC	<i>TECPRI</i>	-0.003131743	0.033488719	0.942521482	1
HTN	LEC	<i>THAP5</i>	-0.012878351	0.047800153	0.942521482	1
HTN	LEC	<i>TIMP4</i>	-0.01019995	0.043078625	0.942521482	1
HTN	LEC	<i>TIPRL</i>	-0.00436888	0.048626923	0.942521482	1
HTN	LEC	<i>TRABD2B</i>	-0.005628596	0.026232298	0.942521482	1
HTN	LEC	<i>TSPAN4</i>	-0.006096653	0.026684753	0.942521482	1
HTN	LEC	<i>TTC28</i>	-0.001543843	0.001454275	0.942521482	1
HTN	LEC	<i>UBXN2A</i>	-0.00326288	0.044261234	0.942521482	1
HTN	LEC	<i>UROS</i>	-0.00874267	0.022992709	0.942521482	1
HTN	LEC	<i>VSIG2</i>	-0.020015336	0.042367296	0.942521482	1
HTN	LEC	<i>ZFPM1</i>	-0.011185044	0.027698958	0.942521482	1
HTN	LEC	<i>ZNF135</i>	-0.009491261	0.016064758	0.942521482	1
HTN	LEC	<i>ZNF311</i>	-0.040903727	0.01442409	0.942521482	1
HTN	LEC	<i>ZNF528</i>	-0.009492211	0.042327412	0.942521482	1
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HTN	LEC	<i>ZNF691</i>	-0.030854926	0.023370565	0.942521482	1
HTN	LEC	<i>ZNF708</i>	0.003529026	0.041972831	0.942521482	1
HTN	LEC	<i>ZSCAN31</i>	-0.010052931	0.013556871	0.942521482	1
HTN	LEC	<i>PRSS46</i>	-0.006450443	0.015324114	0.942521482	1
HTN	macrophage	<i>ABCB8</i>	-0.007096736	0.047662778	0.998670073	1
HTN	macrophage	<i>AGK</i>	-0.007544245	0.022928933	0.998670073	1
HTN	macrophage	<i>AGRN</i>	-0.008022747	0.040454692	0.998670073	1
HTN	macrophage	<i>ANKRD29</i>	-0.003610778	0.01478949	0.998670073	1
HTN	macrophage	<i>ANTXR2</i>	0.003070799	0.032935036	0.998670073	1
HTN	macrophage	<i>ATN1</i>	-0.012809734	0.026745621	0.998670073	1
HTN	macrophage	<i>BTN3A2</i>	-0.005206037	0.033561408	0.998670073	1
HTN	macrophage	<i>C5orf63</i>	-0.017377901	0.042221237	0.998670073	1
HTN	macrophage	<i>C7orf25</i>	0.050323993	0.025144735	0.998670073	1
HTN	macrophage	<i>CAPN12</i>	-0.021719868	0.005669953	0.998670073	1
HTN	macrophage	<i>CASC1</i>	-0.022850575	0.017274071	0.998670073	1
HTN	macrophage	<i>CCDC114</i>	-0.039165545	0.049849022	0.998670073	1
HTN	macrophage	<i>CCL23</i>	-0.049634957	0.004731035	0.998670073	1
HTN	macrophage	<i>CD46</i>	-0.002991846	0.030399664	0.998670073	1
HTN	macrophage	<i>CDC16</i>	-0.003315827	0.0378385	0.998670073	1
HTN	macrophage	<i>CDH15</i>	0.01955746	0.041330027	0.998670073	1
HTN	macrophage	<i>CHST12</i>	-0.005103197	0.042815329	0.998670073	1
HTN	macrophage	<i>CHURC1</i>	-0.005205544	0.010437165	0.998670073	1
HTN	macrophage	<i>CIAPIN1</i>	-0.00756134	0.004631243	0.998670073	1
HTN	macrophage	<i>CLUAP1</i>	-0.007311088	0.026664703	0.998670073	1
HTN	macrophage	<i>CNPY4</i>	-0.017652593	0.040972789	0.998670073	1
HTN	macrophage	<i>CTSW</i>	-0.006930678	0.017450112	0.998670073	1

HTN	macrophage	<i>CUTA</i>	-0.008378466	0.041469541	0.998670073	1
HTN	macrophage	<i>D2HGDH</i>	-0.006614573	0.026714553	0.998670073	1
HTN	macrophage	<i>DCTD</i>	-0.013870354	0.021685238	0.998670073	1
HTN	macrophage	<i>DUSP23</i>	-0.018301896	0.006729191	0.998670073	1
HTN	macrophage	<i>ECI2</i>	-0.005299487	0.035099499	0.998670073	1
HTN	macrophage	<i>EFNB3</i>	-0.044564305	0.034069409	0.998670073	1
HTN	macrophage	<i>EPDR1</i>	-0.008360647	0.040454261	0.998670073	1
HTN	macrophage	<i>ERMP1</i>	-0.005719301	0.037915759	0.998670073	1
HTN	macrophage	<i>GBA2</i>	-0.006792108	0.004248786	0.998670073	1
HTN	macrophage	<i>GPAT2</i>	-0.041078317	0.033343998	0.998670073	1
HTN	macrophage	<i>HIST1H3E</i>	-0.051343499	0.010905926	0.998670073	1
HTN	macrophage	<i>IFITM2</i>	-0.005979215	0.039136533	0.998670073	1
HTN	macrophage	<i>INTS1</i>	0.017031626	0.015790058	0.998670073	1
HTN	macrophage	<i>ITGB3BP</i>	-0.003745748	0.00997216	0.998670073	1
HTN	macrophage	<i>KCNC4</i>	-0.010944231	0.030753228	0.998670073	1
HTN	macrophage	<i>KCNK1</i>	-0.014598144	0.017850412	0.998670073	1
HTN	macrophage	<i>KCNK17</i>	-0.038733824	0.014504742	0.998670073	1
HTN	macrophage	<i>KIAA1841</i>	-0.004494844	0.006194727	0.998670073	1
HTN	macrophage	<i>KLRD1</i>	-0.002091803	0.043794521	0.998670073	1
HTN	macrophage	<i>KNSTRN</i>	-0.016410885	0.004435995	0.998670073	1
HTN	macrophage	<i>LBX2</i>	-0.035096183	0.009161038	0.998670073	1
HTN	macrophage	<i>LILRA6</i>	0.020501163	0.03975725	0.998670073	1
HTN	macrophage	<i>LINC00174</i>	-0.004621215	0.014133653	0.998670073	1
HTN	macrophage	<i>LLGL2</i>	-0.004350226	0.023270085	0.998670073	1
HTN	macrophage	<i>LPAR2</i>	-0.013443294	0.036532248	0.998670073	1
HTN	macrophage	<i>Mar-08</i>	-0.004270632	0.024511406	0.998670073	1
HTN	macrophage	<i>MDH1</i>	-0.006404084	0.02170003	0.998670073	1
HTN	macrophage	<i>MGRN1</i>	-0.004449018	0.034096137	0.998670073	1
HTN	macrophage	<i>MICU2</i>	-0.002587997	0.029549541	0.998670073	1
HTN	macrophage	<i>NLRP2</i>	-0.023702985	0.021771082	0.998670073	1
HTN	macrophage	<i>NUP54</i>	-0.005682198	0.033892225	0.998670073	1
HTN	macrophage	<i>PARP10</i>	-0.008915234	0.045694432	0.998670073	1
HTN	macrophage	<i>PNKD</i>	0.006452274	0.013763764	0.998670073	1
HTN	macrophage	<i>POC1B</i>	-0.004715009	0.04144886	0.998670073	1
HTN	macrophage	<i>POLR1B</i>	-0.008817793	0.006046243	0.998670073	1
HTN	macrophage	<i>POLR2J</i>	-0.012760448	0.030424117	0.998670073	1
HTN	macrophage	<i>RBBP6</i>	-0.004400284	0.010063833	0.998670073	1
HTN	macrophage	<i>RGCC</i>	-0.006603232	6.50E-05	0.300871324	0.300871324
HTN	macrophage	<i>RGS17</i>	-0.010439193	0.008661195	0.998670073	1
HTN	macrophage	<i>RNF32</i>	-0.012762213	0.0281579	0.998670073	1
HTN	macrophage	<i>RPL12</i>	-0.003227005	0.035910639	0.998670073	1
HTN	macrophage	<i>RPL28</i>	-0.002328797	0.014641789	0.998670073	1
HTN	macrophage	<i>RPP25</i>	-0.048376318	0.028999546	0.998670073	1
HTN	macrophage	<i>RRN3</i>	-0.01127056	0.024981585	0.998670073	1
HTN	macrophage	<i>RTN4</i>	-0.002144034	0.041697277	0.998670073	1
HTN	macrophage	<i>RYR3</i>	-0.003611896	0.008135246	0.998670073	1
HTN	macrophage	<i>SIPR1</i>	-0.009317268	0.034814916	0.998670073	1
HTN	macrophage	<i>SEC14L6</i>	-0.029987861	0.046423153	0.998670073	1
HTN	macrophage	<i>SEC22A</i>	-0.002612437	0.022232138	0.998670073	1
HTN	macrophage	<i>SEMA3F</i>	-0.017335834	0.042632432	0.998670073	1
HTN	macrophage	<i>SERF2</i>	-0.002498956	0.041647149	0.998670073	1
HTN	macrophage	<i>SH3GLB2</i>	-0.011051535	0.007019829	0.998670073	1

HTN	macrophage	<i>SHANK2</i>	-0.006917314	0.021424057	0.998670073	1
HTN	macrophage	<i>SLAIN2</i>	-0.004093714	0.030963501	0.998670073	1
HTN	macrophage	<i>SLC22A1</i>	-0.041234197	0.016454666	0.998670073	1
HTN	macrophage	<i>SLC25A51</i>	-0.043340823	0.015901739	0.998670073	1
HTN	macrophage	<i>SLC35E2B</i>	-0.004179129	0.049722214	0.998670073	1
HTN	macrophage	<i>SLC36A1</i>	-0.004968623	0.043840521	0.998670073	1
HTN	macrophage	<i>SLC4A5</i>	-0.024750873	0.028230017	0.998670073	1
HTN	macrophage	<i>SPATA2L</i>	-0.008249003	0.00970219	0.998670073	1
HTN	macrophage	<i>ST8SIA6</i>	-0.004663875	0.005397294	0.998670073	1
HTN	macrophage	<i>SUPT20H</i>	-0.004023708	0.043243897	0.998670073	1
HTN	macrophage	<i>SYNJ2</i>	-0.010193196	0.027129715	0.998670073	1
HTN	macrophage	<i>TAPBPL</i>	-0.00413782	0.047630699	0.998670073	1
HTN	macrophage	<i>TBKBP1</i>	-0.024995788	0.026977576	0.998670073	1
HTN	macrophage	<i>TDRD5</i>	0.065427153	0.027927161	0.998670073	1
HTN	macrophage	<i>TMEM258</i>	-0.009595582	0.039139347	0.998670073	1
HTN	macrophage	<i>TRIM4</i>	-0.005574426	0.01182791	0.998670073	1
HTN	macrophage	<i>TTC28</i>	-0.00124401	0.010421396	0.998670073	1
HTN	macrophage	<i>VCP</i>	-0.006304201	0.032086646	0.998670073	1
HTN	macrophage	<i>WDPCP</i>	-0.001640733	0.036576922	0.998670073	1
HTN	macrophage	<i>WIPI1</i>	-0.007803102	0.037778353	0.998670073	1
HTN	macrophage	<i>YPEL3</i>	-0.005300698	0.023269819	0.998670073	1
HTN	macrophage	<i>ZNF208</i>	-0.006972757	0.014489588	0.998670073	1
HTN	macrophage	<i>ZNF429</i>	-0.005582811	0.047291984	0.998670073	1
HTN	macrophage	<i>ZNF493</i>	-0.005445523	0.033190182	0.998670073	1
HTN	macrophage	<i>ZNF528</i>	-0.009227008	0.047519829	0.998670073	1
HTN	macrophage	<i>ZNF749</i>	-0.01860271	0.0288534	0.998670073	1
HTN	macrophage	<i>ZNF780A</i>	-0.022957787	0.019360198	0.998670073	1
HTN	macrophage	<i>ZSCAN21</i>	-0.013981935	0.040041294	0.998670073	1
HTN	macrophage	<i>C4B</i>	-0.081957805	0.048823539	0.998670073	1
HTN	macrophage	<i>AC017074.2</i>	-0.105092246	0.000538524	0.998670073	1
HTN	mast_cell	<i>A4GALT</i>	-0.012071347	0.048210836	0.735725692	1
HTN	mast_cell	<i>ABHD2</i>	-0.003687625	0.037755666	0.735725692	1
HTN	mast_cell	<i>AC019117.2</i>	-0.057477796	0.014294419	0.735725692	1
HTN	mast_cell	<i>ACE</i>	-0.012826908	0.024467214	0.735725692	1
HTN	mast_cell	<i>ACTN4</i>	-0.003550141	0.023945717	0.735725692	1
HTN	mast_cell	<i>ADAT1</i>	-0.017502079	0.001067597	0.735725692	1
HTN	mast_cell	<i>AFAP1L2</i>	-0.013773924	0.001625897	0.735725692	1
HTN	mast_cell	<i>AH11</i>	-0.001731062	0.042904877	0.735725692	1
HTN	mast_cell	<i>AKR1E2</i>	-0.011975912	0.046603504	0.735725692	1
HTN	mast_cell	<i>AMACR</i>	-0.072833995	0.00815191	0.735725692	1
HTN	mast_cell	<i>ANKRD29</i>	-0.002910049	0.047786241	0.735725692	1
HTN	mast_cell	<i>AP001468.1</i>	-0.116301067	0.023931274	0.735725692	1
HTN	mast_cell	<i>AP006621.1</i>	-0.009913879	0.040037332	0.735725692	1
HTN	mast_cell	<i>AP1M2</i>	-0.053199943	0.049036347	0.735725692	1
HTN	mast_cell	<i>AP3M2</i>	-0.008256726	0.011118666	0.735725692	1
HTN	mast_cell	<i>ARHGAP28</i>	-0.003966962	0.045437973	0.735725692	1
HTN	mast_cell	<i>ARHGEF25</i>	-0.017064152	0.017824835	0.735725692	1
HTN	mast_cell	<i>ARL5B</i>	-0.013911009	0.007563202	0.735725692	1
HTN	mast_cell	<i>ASB16</i>	-0.011949564	0.043049856	0.735725692	1
HTN	mast_cell	<i>BDH2</i>	-0.00744093	0.028605561	0.735725692	1
HTN	mast_cell	<i>BEGAIN</i>	-0.022598085	0.024517619	0.735725692	1
HTN	mast_cell	<i>BPI</i>	-0.011792082	0.029364997	0.735725692	1

HTN	mast_cell	<i>BTNL8</i>	-0.011524933	0.033782586	0.735725692	1
HTN	mast_cell	<i>C11orf68</i>	-0.030896059	0.020622102	0.735725692	1
HTN	mast_cell	<i>C17orf62</i>	-0.005560727	0.045847379	0.735725692	1
HTN	mast_cell	<i>C18orf32</i>	-0.014979726	0.019873252	0.735725692	1
HTN	mast_cell	<i>C18orf8</i>	-0.006118005	0.043996749	0.735725692	1
HTN	mast_cell	<i>C2CD4C</i>	-0.0443504	0.043545623	0.735725692	1
HTN	mast_cell	<i>C9orf152</i>	-0.025803358	0.0438335	0.735725692	1
HTN	mast_cell	<i>CAPN11</i>	-0.07488596	0.007266481	0.735725692	1
HTN	mast_cell	<i>CAPN12</i>	-0.024925349	0.001468236	0.735725692	1
HTN	mast_cell	<i>CBLN3</i>	-0.022772127	0.034706753	0.735725692	1
HTN	mast_cell	<i>CBWD1</i>	0.011869972	0.01956638	0.735725692	1
HTN	mast_cell	<i>CCDC153</i>	-0.045548689	0.017320114	0.735725692	1
HTN	mast_cell	<i>CCDC155</i>	-0.054521785	0.030358721	0.735725692	1
HTN	mast_cell	<i>CCDC68</i>	-0.007078167	0.0244763	0.735725692	1
HTN	mast_cell	<i>CCDC89</i>	0.067857524	0.039508228	0.735725692	1
HTN	mast_cell	<i>CCL23</i>	-0.059717594	0.000603467	0.735725692	1
HTN	mast_cell	<i>CD207</i>	-0.053805621	0.019209382	0.735725692	1
HTN	mast_cell	<i>CDC25B</i>	-0.014246115	0.019215331	0.735725692	1
HTN	mast_cell	<i>CENPU</i>	-0.022909271	0.045292219	0.735725692	1
HTN	mast_cell	<i>CEP164</i>	-0.003873854	0.025991921	0.735725692	1
HTN	mast_cell	<i>CHKB</i>	-0.032543561	0.020115971	0.735725692	1
HTN	mast_cell	<i>CHRNE</i>	0.020236153	0.048356269	0.735725692	1
HTN	mast_cell	<i>CHURC1</i>	-0.0050167	0.013269716	0.735725692	1
HTN	mast_cell	<i>CLEC4F</i>	-0.013312024	0.012544975	0.735725692	1
HTN	mast_cell	<i>CPAMD8</i>	-0.016253147	0.032444341	0.735725692	1
HTN	mast_cell	<i>CPLX1</i>	-0.020890555	0.001465014	0.735725692	1
HTN	mast_cell	<i>CPXM2</i>	-0.007342485	0.023135669	0.735725692	1
HTN	mast_cell	<i>CROCC</i>	-0.00591405	0.025137713	0.735725692	1
HTN	mast_cell	<i>CRTAP</i>	-0.006392799	0.021537166	0.735725692	1
HTN	mast_cell	<i>CUTA</i>	-0.008548436	0.037463379	0.735725692	1
HTN	mast_cell	<i>CYP2D6</i>	-0.077503904	0.007591158	0.735725692	1
HTN	mast_cell	<i>CYP4F12</i>	-0.019026392	0.036454866	0.735725692	1
HTN	mast_cell	<i>CYP4Z1</i>	-0.032423885	0.027291631	0.735725692	1
HTN	mast_cell	<i>DBNDD1</i>	-0.030928506	0.039173612	0.735725692	1
HTN	mast_cell	<i>DCTN5</i>	-0.008870355	0.019938414	0.735725692	1
HTN	mast_cell	<i>DNAJC25</i>	-0.009483078	0.049865484	0.735725692	1
HTN	mast_cell	<i>DNASE2</i>	-0.014005953	0.042074335	0.735725692	1
HTN	mast_cell	<i>DPF1</i>	-0.049691842	0.042033199	0.735725692	1
HTN	mast_cell	<i>DROSHA</i>	-0.003646567	0.021872146	0.735725692	1
HTN	mast_cell	<i>DYRK3</i>	-0.020680247	0.021958321	0.735725692	1
HTN	mast_cell	<i>EAF1</i>	-0.011609559	0.043136351	0.735725692	1
HTN	mast_cell	<i>ELOVL3</i>	-0.069036275	0.016817433	0.735725692	1
HTN	mast_cell	<i>EMP2</i>	-0.00399982	0.04883847	0.735725692	1
HTN	mast_cell	<i>ERVW-1</i>	-0.019305407	0.027028554	0.735725692	1
HTN	mast_cell	<i>EVA1B</i>	-0.014217078	0.024506859	0.735725692	1
HTN	mast_cell	<i>F2R</i>	-0.013295626	0.038885897	0.735725692	1
HTN	mast_cell	<i>FAIM2</i>	-0.029480373	0.025412982	0.735725692	1
HTN	mast_cell	<i>FAM107A</i>	-0.012878867	0.023561238	0.735725692	1
HTN	mast_cell	<i>FAM124A</i>	-0.014427583	0.024250222	0.735725692	1
HTN	mast_cell	<i>FBXO2</i>	-0.041059473	0.038719854	0.735725692	1
HTN	mast_cell	<i>FGFR3</i>	-0.029972532	0.032855743	0.735725692	1
HTN	mast_cell	<i>FITM1</i>	-0.075094317	0.015348629	0.735725692	1

HTN	mast_cell	<i>GALNT15</i>	-0.004270288	0.035846316	0.735725692	1
HTN	mast_cell	<i>GBA</i>	-0.012217241	0.017750349	0.735725692	1
HTN	mast_cell	<i>GFOD1</i>	-0.003085413	0.012809224	0.735725692	1
HTN	mast_cell	<i>GLO1</i>	-0.003934969	0.033165107	0.735725692	1
HTN	mast_cell	<i>GMPR</i>	-0.005867863	0.035696712	0.735725692	1
HTN	mast_cell	<i>GNG10</i>	-0.060834596	0.01507819	0.735725692	1
HTN	mast_cell	<i>GNMT</i>	-0.051104136	0.025159705	0.735725692	1
HTN	mast_cell	<i>GPAT2</i>	-0.038834961	0.044001072	0.735725692	1
HTN	mast_cell	<i>GPIHBP1</i>	-0.009995526	0.046975406	0.735725692	1
HTN	mast_cell	<i>GPR17</i>	-0.030719526	0.009283582	0.735725692	1
HTN	mast_cell	<i>GPR52</i>	-0.071597929	0.043545698	0.735725692	1
HTN	mast_cell	<i>GPRC5B</i>	-0.010431217	0.042461982	0.735725692	1
HTN	mast_cell	<i>GRB10</i>	-0.002850329	0.048038887	0.735725692	1
HTN	mast_cell	<i>HMOX2</i>	-0.005068761	0.013155998	0.735725692	1
HTN	mast_cell	<i>HPS1</i>	-0.008952862	0.027060228	0.735725692	1
HTN	mast_cell	<i>HS3ST6</i>	-0.069687532	0.005626068	0.735725692	1
HTN	mast_cell	<i>HSD17B8</i>	-0.049604156	0.00811239	0.735725692	1
HTN	mast_cell	<i>IFI27L2</i>	-0.018217056	0.010769657	0.735725692	1
HTN	mast_cell	<i>IFT140</i>	-0.006516775	0.033850427	0.735725692	1
HTN	mast_cell	<i>IL27RA</i>	-0.004901528	0.011927101	0.735725692	1
HTN	mast_cell	<i>IQCH-AS1</i>	-0.003468426	0.043931185	0.735725692	1
HTN	mast_cell	<i>IRF6</i>	-0.026163762	0.024630118	0.735725692	1
HTN	mast_cell	<i>KANSL2</i>	-0.011287396	0.041149128	0.735725692	1
HTN	mast_cell	<i>KCNC4</i>	-0.011993231	0.017683629	0.735725692	1
HTN	mast_cell	<i>KCNN2</i>	-0.057107238	0.020664495	0.735725692	1
HTN	mast_cell	<i>KLK7</i>	-0.015230625	0.018835371	0.735725692	1
HTN	mast_cell	<i>KSR1</i>	-0.004064439	0.042261804	0.735725692	1
HTN	mast_cell	<i>LBX2</i>	-0.02648953	0.049799675	0.735725692	1
HTN	mast_cell	<i>LINC00314</i>	-0.058591131	0.018895122	0.735725692	1
HTN	mast_cell	<i>LMBR1L</i>	-0.007595472	0.015168595	0.735725692	1
HTN	mast_cell	<i>LRRC41</i>	-0.003666102	0.028709264	0.735725692	1
HTN	mast_cell	<i>LRRC45</i>	-0.03561343	0.028205468	0.735725692	1
HTN	mast_cell	<i>LRRC8B</i>	-0.006413481	0.039483303	0.735725692	1
HTN	mast_cell	<i>LYGI</i>	-0.031596106	0.018342996	0.735725692	1
HTN	mast_cell	<i>MAP2K5</i>	-0.003398388	0.013866208	0.735725692	1
HTN	mast_cell	<i>Mar-02</i>	-0.009481366	0.018805002	0.735725692	1
HTN	mast_cell	<i>Mar-08</i>	-0.004140877	0.030179076	0.735725692	1
HTN	mast_cell	<i>MARVELD1</i>	-0.006689569	0.022824318	0.735725692	1
HTN	mast_cell	<i>MCF2L</i>	-0.0060391	0.009873819	0.735725692	1
HTN	mast_cell	<i>MET</i>	-0.003784171	0.034771261	0.735725692	1
HTN	mast_cell	<i>MFAP5</i>	-0.006760931	0.015558757	0.735725692	1
HTN	mast_cell	<i>MLPH</i>	-0.003768899	0.026124575	0.735725692	1
HTN	mast_cell	<i>MORN4</i>	-0.01214799	0.041252693	0.735725692	1
HTN	mast_cell	<i>MRPS26</i>	-0.009439476	0.026515115	0.735725692	1
HTN	mast_cell	<i>MVB12A</i>	-0.008748035	0.040313151	0.735725692	1
HTN	mast_cell	<i>MYO10</i>	-0.003648657	0.018482501	0.735725692	1
HTN	mast_cell	<i>MYO7B</i>	-0.028946143	0.027549344	0.735725692	1
HTN	mast_cell	<i>NAALADL1</i>	-0.019758822	0.038325882	0.735725692	1
HTN	mast_cell	<i>NDNF</i>	-0.026038774	0.012675763	0.735725692	1
HTN	mast_cell	<i>NDUFA10</i>	-0.004930721	0.016934393	0.735725692	1
HTN	mast_cell	<i>NDUFA3</i>	-0.007868468	0.005040918	0.735725692	1
HTN	mast_cell	<i>NKAIN4</i>	-0.025688424	0.039751021	0.735725692	1

HTN	mast_cell	<i>NME7</i>	-0.003832579	0.032775766	0.735725692	1
HTN	mast_cell	<i>NMRAL1</i>	-0.007812148	0.028788008	0.735725692	1
HTN	mast_cell	<i>NOC4L</i>	-0.028954585	0.042733505	0.735725692	1
HTN	mast_cell	<i>NOL10</i>	-0.004139683	0.023440424	0.735725692	1
HTN	mast_cell	<i>NOSTRIN</i>	-0.004448061	0.012788932	0.735725692	1
HTN	mast_cell	<i>NOTCH4</i>	-0.004026509	0.017268398	0.735725692	1
HTN	mast_cell	<i>NPIPB4</i>	-0.013728971	0.02407165	0.735725692	1
HTN	mast_cell	<i>NSUN4</i>	-0.006365259	0.045171113	0.735725692	1
HTN	mast_cell	<i>NUBP1</i>	-0.008447635	0.033061456	0.735725692	1
HTN	mast_cell	<i>NXNL1</i>	-0.078249041	0.015983707	0.735725692	1
HTN	mast_cell	<i>OGFOD3</i>	-0.006409091	0.048034025	0.735725692	1
HTN	mast_cell	<i>OR51E1</i>	-0.028159039	0.0121147	0.735725692	1
HTN	mast_cell	<i>OSBPL5</i>	-0.005444152	0.016206397	0.735725692	1
HTN	mast_cell	<i>OSR1</i>	-0.018650264	0.035498224	0.735725692	1
HTN	mast_cell	<i>PCDH1</i>	-0.01421152	0.020007785	0.735725692	1
HTN	mast_cell	<i>PDE6C</i>	-0.01641836	0.017296756	0.735725692	1
HTN	mast_cell	<i>PERP</i>	-0.015002572	0.01052263	0.735725692	1
HTN	mast_cell	<i>PGPEP1</i>	-0.00796288	0.036794324	0.735725692	1
HTN	mast_cell	<i>PHACTR4</i>	-0.002732986	0.027331808	0.735725692	1
HTN	mast_cell	<i>PIGK</i>	-0.009260411	0.027357492	0.735725692	1
HTN	mast_cell	<i>PIGO</i>	-0.01043657	0.023462264	0.735725692	1
HTN	mast_cell	<i>PLGLB1</i>	-0.118932671	0.027502783	0.735725692	1
HTN	mast_cell	<i>POLE3</i>	-0.010982843	0.012456665	0.735725692	1
HTN	mast_cell	<i>POLR2J</i>	-0.012077226	0.040937391	0.735725692	1
HTN	mast_cell	<i>POMT1</i>	-0.009876709	0.048026383	0.735725692	1
HTN	mast_cell	<i>PPP1R27</i>	-0.126889372	0.028891512	0.735725692	1
HTN	mast_cell	<i>PRKG2</i>	-0.00625152	0.021067934	0.735725692	1
HTN	mast_cell	<i>PRMT7</i>	-0.009095084	0.02500637	0.735725692	1
HTN	mast_cell	<i>PRRT1</i>	-0.041015926	0.031372108	0.735725692	1
HTN	mast_cell	<i>PRSS12</i>	-0.012495646	0.020168059	0.735725692	1
HTN	mast_cell	<i>PSMC5</i>	-0.008854464	0.032732257	0.735725692	1
HTN	mast_cell	<i>PSMD2</i>	-0.009264425	0.02863884	0.735725692	1
HTN	mast_cell	<i>PSMD7</i>	-0.005476397	0.021788294	0.735725692	1
HTN	mast_cell	<i>PSORS1C1</i>	-0.015546915	0.040916541	0.735725692	1
HTN	mast_cell	<i>RAB2A</i>	-0.001729902	0.035836663	0.735725692	1
HTN	mast_cell	<i>RIMKLB</i>	-0.00520967	0.001312008	0.735725692	1
HTN	mast_cell	<i>RIOK1</i>	-0.007655523	0.025046312	0.735725692	1
HTN	mast_cell	<i>RNF165</i>	-0.008373179	0.036385619	0.735725692	1
HTN	mast_cell	<i>RPS10</i>	0.021960168	0.018568683	0.735725692	1
HTN	mast_cell	<i>SCUBE2</i>	-0.018425439	0.020124621	0.735725692	1
HTN	mast_cell	<i>SEMA3E</i>	-0.016607981	0.010677594	0.735725692	1
HTN	mast_cell	<i>SEMA3F</i>	-0.020927924	0.013796189	0.735725692	1
HTN	mast_cell	<i>SEMA7A</i>	-0.030378587	0.028210343	0.735725692	1
HTN	mast_cell	<i>SERINC2</i>	-0.077199496	0.030659581	0.735725692	1
HTN	mast_cell	<i>SERPINI1</i>	-0.007775697	0.032242008	0.735725692	1
HTN	mast_cell	<i>SHISA4</i>	-0.018220472	0.044847712	0.735725692	1
HTN	mast_cell	<i>SIRT3</i>	-0.007923494	0.019550904	0.735725692	1
HTN	mast_cell	<i>SLC10A5</i>	-0.029770588	0.029753513	0.735725692	1
HTN	mast_cell	<i>SLC14A1</i>	-0.021225292	0.027096203	0.735725692	1
HTN	mast_cell	<i>SLC25A21-AS1</i>	-0.020243656	0.020369846	0.735725692	1
HTN	mast_cell	<i>SLC2A10</i>	-0.015160734	0.034588622	0.735725692	1
HTN	mast_cell	<i>SLC2A14</i>	-0.029879661	0.029680704	0.735725692	1

HTN	mast_cell	<i>SLC34A2</i>	-0.108694035	0.012661368	0.735725692	1
HTN	mast_cell	<i>SLC48A1</i>	-0.005765512	0.013244288	0.735725692	1
HTN	mast_cell	<i>SLC52A2</i>	-0.005804716	0.042034892	0.735725692	1
HTN	mast_cell	<i>SNRNP27</i>	-0.008301682	0.005896258	0.735725692	1
HTN	mast_cell	<i>SOX17</i>	-0.023667259	0.018019873	0.735725692	1
HTN	mast_cell	<i>SPATC1L</i>	-0.024396986	0.029703093	0.735725692	1
HTN	mast_cell	<i>SRP14</i>	-0.00415298	0.047205525	0.735725692	1
HTN	mast_cell	<i>STX2</i>	-0.005612292	0.006499633	0.735725692	1
HTN	mast_cell	<i>SYCE1L</i>	-0.030718701	0.00160142	0.735725692	1
HTN	mast_cell	<i>TBCD</i>	-0.005550591	0.022933598	0.735725692	1
HTN	mast_cell	<i>TFPT</i>	-0.008527058	0.049354909	0.735725692	1
HTN	mast_cell	<i>TIE1</i>	-0.003746017	0.039853387	0.735725692	1
HTN	mast_cell	<i>TIMP4</i>	-0.012477523	0.01327223	0.735725692	1
HTN	mast_cell	<i>TOX3</i>	-0.07785566	0.029324103	0.735725692	1
HTN	mast_cell	<i>TPO</i>	-0.003517155	0.048886824	0.735725692	1
HTN	mast_cell	<i>TRIM73</i>	-0.0886619	0.034943196	0.735725692	1
HTN	mast_cell	<i>TRPV3</i>	-0.051034277	0.035334995	0.735725692	1
HTN	mast_cell	<i>TTC19</i>	-0.002739433	0.046707968	0.735725692	1
HTN	mast_cell	<i>TTC32</i>	-0.013014486	0.015088723	0.735725692	1
HTN	mast_cell	<i>UBOX5</i>	-0.00707111	0.043614709	0.735725692	1
HTN	mast_cell	<i>UBQLNL</i>	-0.060220937	0.036502242	0.735725692	1
HTN	mast_cell	<i>USP37</i>	-0.00459557	0.031443985	0.735725692	1
HTN	mast_cell	<i>USP6</i>	0.039467853	0.016460197	0.735725692	1
HTN	mast_cell	<i>VAMP8</i>	-0.00463901	0.007365458	0.735725692	1
HTN	mast_cell	<i>VSIG10L</i>	-0.029473015	0.022434219	0.735725692	1
HTN	mast_cell	<i>VWA2</i>	-0.090626323	0.00091735	0.735725692	1
HTN	mast_cell	<i>XCL2</i>	-0.046363081	0.003252721	0.735725692	1
HTN	mast_cell	<i>ZDHHC2</i>	-0.004628114	0.036827006	0.735725692	1
HTN	mast_cell	<i>ZFAND2A</i>	-0.008625124	0.028756986	0.735725692	1
HTN	mast_cell	<i>ZFYVE19</i>	-0.012174719	0.026587914	0.735725692	1
HTN	mast_cell	<i>ZNF420</i>	-0.00460262	0.046884842	0.735725692	1
HTN	mast_cell	<i>ZNF454</i>	-0.012002561	0.017797817	0.735725692	1
HTN	mast_cell	<i>ZNF493</i>	-0.005252112	0.039726829	0.735725692	1
HTN	mast_cell	<i>ZNF528</i>	-0.012088521	0.009567993	0.735725692	1
HTN	mast_cell	<i>ZNF593</i>	-0.01074847	0.01412275	0.735725692	1
HTN	mast_cell	<i>ZNF600</i>	-0.007428951	0.025220996	0.735725692	1
HTN	mast_cell	<i>ZNF607</i>	-0.03534631	0.049651431	0.735725692	1
HTN	mast_cell	<i>ZNF750</i>	-0.027966213	0.025762913	0.735725692	1
HTN	mast_cell	<i>ZNF773</i>	-0.026172078	0.028775206	0.735725692	1
HTN	mast_cell	<i>ZNF786</i>	-0.005634471	0.048754629	0.735725692	1
HTN	mast_cell	<i>ZNF862</i>	-0.003998007	0.033353479	0.735725692	1
HTN	mast_cell	<i>ZSCAN29</i>	-0.016152119	0.038427358	0.735725692	1
HTN	mast_cell	<i>ZSCAN31</i>	-0.008999169	0.027159421	0.735725692	1
HTN	mast_cell	<i>HOXB9</i>	0.046612577	0.029054282	0.735725692	1
HTN	mast_cell	<i>ZNF80</i>	-0.016065603	0.014740097	0.735725692	1
HTN	mast_cell	<i>BIRC7</i>	-0.018557471	0.045600976	0.735725692	1
HTN	mast_cell	<i>OR52N5</i>	-0.015252209	0.023200749	0.735725692	1
HTN	mast_cell	<i>H3F3C</i>	-0.087339554	0.001279278	0.735725692	1
HTN	mast_cell	<i>SLC22A31</i>	-0.011658565	0.04818743	0.735725692	1
HTN	mast_cell	<i>HCG22</i>	-0.007653998	0.019317781	0.735725692	1
HTN	mast_cell	<i>NPIPA2</i>	-0.005703876	0.038676095	0.735725692	1
HTN	mesothelium	<i>ABCB8</i>	-0.007261581	0.041860563	0.581415666	1

HTN	mesothelium	<i>ABCF1</i>	-0.009575484	0.005085248	0.581415666	1
HTN	mesothelium	<i>ABLM2</i>	-0.00722046	0.049954886	0.581415666	1
HTN	mesothelium	<i>ACTN4</i>	-0.003554535	0.023685948	0.581415666	1
HTN	mesothelium	<i>ADAM11</i>	-0.039985835	0.017449754	0.581415666	1
HTN	mesothelium	<i>ADPRH</i>	-0.022621104	0.045353724	0.581415666	1
HTN	mesothelium	<i>AKTIP</i>	-0.012234562	0.02506686	0.581415666	1
HTN	mesothelium	<i>ALDH3A1</i>	-0.083997988	0.034330788	0.581415666	1
HTN	mesothelium	<i>ALDOA</i>	-0.005912582	0.02804094	0.581415666	1
HTN	mesothelium	<i>ALX4</i>	-0.026020113	0.023591103	0.581415666	1
HTN	mesothelium	<i>ANGPTL6</i>	-0.031657848	0.014561271	0.581415666	1
HTN	mesothelium	<i>AP000350.4</i>	-0.040445797	0.048096167	0.581415666	1
HTN	mesothelium	<i>AP001468.1</i>	-0.134445041	0.009058635	0.581415666	1
HTN	mesothelium	<i>ARHGEF33</i>	-0.031207598	0.047183305	0.581415666	1
HTN	mesothelium	<i>ARL6IP5</i>	0.002466644	0.042364097	0.581415666	1
HTN	mesothelium	<i>ARMCI</i>	-0.004602785	0.026395812	0.581415666	1
HTN	mesothelium	<i>ARPC5</i>	-0.002617983	0.025287852	0.581415666	1
HTN	mesothelium	<i>ATP6V1G2</i>	-0.034574855	0.044424225	0.581415666	1
HTN	mesothelium	<i>ATP8A1</i>	-0.002091737	0.032409785	0.581415666	1
HTN	mesothelium	<i>ATRAID</i>	-0.007624109	0.037441896	0.581415666	1
HTN	mesothelium	<i>AURKC</i>	-0.096430921	0.03242416	0.581415666	1
HTN	mesothelium	<i>BANF1</i>	0.031324831	0.049733532	0.581415666	1
HTN	mesothelium	<i>BARX1</i>	-0.065626912	0.045908423	0.581415666	1
HTN	mesothelium	<i>BCL7B</i>	-0.00945193	0.01668778	0.581415666	1
HTN	mesothelium	<i>BEGAIN</i>	-0.023102654	0.021604079	0.581415666	1
HTN	mesothelium	<i>BTBD2</i>	-0.006946984	0.036076497	0.581415666	1
HTN	mesothelium	<i>C14orf80</i>	-0.024763849	0.029528638	0.581415666	1
HTN	mesothelium	<i>C18orf32</i>	-0.016565449	0.009908023	0.581415666	1
HTN	mesothelium	<i>C19orf48</i>	-0.014850798	0.024119247	0.581415666	1
HTN	mesothelium	<i>C1orf109</i>	-0.018722203	0.021438577	0.581415666	1
HTN	mesothelium	<i>C20orf96</i>	-0.013553868	0.027238722	0.581415666	1
HTN	mesothelium	<i>C8orf33</i>	-0.008528108	0.024204189	0.581415666	1
HTN	mesothelium	<i>C9orf24</i>	-0.012405975	0.026738888	0.581415666	1
HTN	mesothelium	<i>C9orf43</i>	-0.036571055	0.026584371	0.581415666	1
HTN	mesothelium	<i>CACNG4</i>	-0.022757692	0.040264231	0.581415666	1
HTN	mesothelium	<i>CAPG</i>	-0.007563448	0.034463865	0.581415666	1
HTN	mesothelium	<i>CASP3</i>	-0.008145718	0.049979446	0.581415666	1
HTN	mesothelium	<i>CBX8</i>	-0.016676707	0.049812319	0.581415666	1
HTN	mesothelium	<i>CC2D1B</i>	-0.012124337	0.030766651	0.581415666	1
HTN	mesothelium	<i>CCDC114</i>	-0.045879769	0.021211527	0.581415666	1
HTN	mesothelium	<i>CCDC134</i>	-0.016116101	0.023163126	0.581415666	1
HTN	mesothelium	<i>CCDC155</i>	-0.049944956	0.047537349	0.581415666	1
HTN	mesothelium	<i>CCDC68</i>	-0.006616274	0.035830765	0.581415666	1
HTN	mesothelium	<i>CCDC86</i>	-0.016533947	0.019645293	0.581415666	1
HTN	mesothelium	<i>CCDC9</i>	-0.013898107	0.041313421	0.581415666	1
HTN	mesothelium	<i>CD5L</i>	-0.040854585	0.027671649	0.581415666	1
HTN	mesothelium	<i>CDH15</i>	-0.026327057	0.005380824	0.581415666	1
HTN	mesothelium	<i>CDKN2AIPNL</i>	-0.017809624	0.04196323	0.581415666	1
HTN	mesothelium	<i>CELF6</i>	-0.059061304	0.031777654	0.581415666	1
HTN	mesothelium	<i>CENPC</i>	-0.003488771	0.027898557	0.581415666	1
HTN	mesothelium	<i>CFL2</i>	-0.011341178	0.014481342	0.581415666	1
HTN	mesothelium	<i>CHAF1A</i>	-0.008198388	0.048534799	0.581415666	1
HTN	mesothelium	<i>CHMP3</i>	-0.00853595	0.032994282	0.581415666	1

HTN	mesothelium	<i>CIAO1</i>	-0.005643324	0.017916557	0.581415666	1
HTN	mesothelium	<i>CKMT2</i>	-0.013100059	0.016287735	0.581415666	1
HTN	mesothelium	<i>CLCNKA</i>	-0.102376648	0.033846184	0.581415666	1
HTN	mesothelium	<i>CLDN10</i>	-0.028987256	0.02720285	0.581415666	1
HTN	mesothelium	<i>CLEC12B</i>	-0.020391001	0.031004288	0.581415666	1
HTN	mesothelium	<i>CLEC1B</i>	-0.017633869	0.024264311	0.581415666	1
HTN	mesothelium	<i>CMPK1</i>	-0.004243577	0.016059224	0.581415666	1
HTN	mesothelium	<i>CNPY4</i>	-0.018009193	0.036793175	0.581415666	1
HTN	mesothelium	<i>COL9A1</i>	-0.030636308	0.047851986	0.581415666	1
HTN	mesothelium	<i>COPB2</i>	-0.002617478	0.027761529	0.581415666	1
HTN	mesothelium	<i>COX15</i>	0.004955641	0.03675091	0.581415666	1
HTN	mesothelium	<i>CPSF4L</i>	-0.071969015	0.043384327	0.581415666	1
HTN	mesothelium	<i>CPXMI</i>	-0.008471467	0.018767726	0.581415666	1
HTN	mesothelium	<i>CRTAP</i>	-0.006170714	0.02657829	0.581415666	1
HTN	mesothelium	<i>CRYZ</i>	-0.009168243	0.027763007	0.581415666	1
HTN	mesothelium	<i>CTSF</i>	-0.010691978	0.027953299	0.581415666	1
HTN	mesothelium	<i>CXCL16</i>	-0.007821244	0.008548565	0.581415666	1
HTN	mesothelium	<i>CXCL6</i>	-0.019221457	0.027288117	0.581415666	1
HTN	mesothelium	<i>CYP11A1</i>	-0.056604703	0.042162449	0.581415666	1
HTN	mesothelium	<i>CYP26B1</i>	-0.038643129	0.039878306	0.581415666	1
HTN	mesothelium	<i>CYP2C8</i>	-0.127239047	0.038962855	0.581415666	1
HTN	mesothelium	<i>DBNDD1</i>	-0.03373482	0.024298399	0.581415666	1
HTN	mesothelium	<i>DCTD</i>	-0.016023312	0.00803388	0.581415666	1
HTN	mesothelium	<i>DDA1</i>	-0.014616497	0.034724587	0.581415666	1
HTN	mesothelium	<i>DDX11</i>	-0.018831983	0.028535959	0.581415666	1
HTN	mesothelium	<i>DEFB124</i>	-0.024613298	0.01985665	0.581415666	1
HTN	mesothelium	<i>DIAPH3</i>	-0.008705733	0.04354624	0.581415666	1
HTN	mesothelium	<i>DIS3L</i>	-0.008257661	0.028641965	0.581415666	1
HTN	mesothelium	<i>DISP2</i>	-0.028106328	0.032165577	0.581415666	1
HTN	mesothelium	<i>DNLZ</i>	-0.092680336	0.016310891	0.581415666	1
HTN	mesothelium	<i>DOK5</i>	-0.018460219	0.001441408	0.581415666	1
HTN	mesothelium	<i>DUOXA1</i>	-0.068701972	0.010850398	0.581415666	1
HTN	mesothelium	<i>DYRK3</i>	-0.018563188	0.039734171	0.581415666	1
HTN	mesothelium	<i>EAF1</i>	-0.014434643	0.01172812	0.581415666	1
HTN	mesothelium	<i>ELK4</i>	-0.005918983	0.005024002	0.581415666	1
HTN	mesothelium	<i>EPDR1</i>	-0.010518504	0.010027865	0.581415666	1
HTN	mesothelium	<i>EVA1B</i>	-0.012772489	0.042897085	0.581415666	1
HTN	mesothelium	<i>FAHD2B</i>	-0.016319409	0.018886492	0.581415666	1
HTN	mesothelium	<i>FAM196A</i>	-0.003641696	0.033586037	0.581415666	1
HTN	mesothelium	<i>FAM47E</i>	-0.020107964	0.045824101	0.581415666	1
HTN	mesothelium	<i>FAM83F</i>	-0.074103246	0.030780377	0.581415666	1
HTN	mesothelium	<i>FBXO10</i>	-0.078437345	0.014318167	0.581415666	1
HTN	mesothelium	<i>FBXO2</i>	-0.044617782	0.0243185	0.581415666	1
HTN	mesothelium	<i>FBXO22</i>	-0.006021174	0.019801859	0.581415666	1
HTN	mesothelium	<i>FBXO44</i>	-0.022945584	0.025110567	0.581415666	1
HTN	mesothelium	<i>FGF14-IT1</i>	-0.086524645	0.015922402	0.581415666	1
HTN	mesothelium	<i>FGFR4</i>	-0.078952554	0.017512865	0.581415666	1
HTN	mesothelium	<i>FLVCR1-AS1</i>	-0.010682745	0.019271745	0.581415666	1
HTN	mesothelium	<i>FN3KRP</i>	-0.014113901	0.00236771	0.581415666	1
HTN	mesothelium	<i>FTCD</i>	-0.073025277	0.009706055	0.581415666	1
HTN	mesothelium	<i>GABRB3</i>	-0.034929893	0.029717251	0.581415666	1
HTN	mesothelium	<i>GALNT3</i>	-0.005321284	0.047421424	0.581415666	1

HTN	mesothelium	<i>GALT</i>	-0.009882581	0.036131971	0.581415666	1
HTN	mesothelium	<i>GGPS1</i>	-0.004627737	0.020886508	0.581415666	1
HTN	mesothelium	<i>GHRL</i>	-0.007624604	0.038413396	0.581415666	1
HTN	mesothelium	<i>GIGYF1</i>	-0.014649698	0.017745896	0.581415666	1
HTN	mesothelium	<i>GLI4</i>	-0.014073595	0.037899243	0.581415666	1
HTN	mesothelium	<i>GMPR</i>	-0.006177362	0.02720773	0.581415666	1
HTN	mesothelium	<i>GOLGA8N</i>	-0.028171569	0.029494036	0.581415666	1
HTN	mesothelium	<i>GP6</i>	-0.018793366	0.04082545	0.581415666	1
HTN	mesothelium	<i>GPN3</i>	-0.006715144	0.04872339	0.581415666	1
HTN	mesothelium	<i>GPR27</i>	-0.033152481	0.032830413	0.581415666	1
HTN	mesothelium	<i>GRIK2</i>	-0.009388358	0.041508855	0.581415666	1
HTN	mesothelium	<i>GRIN3B</i>	-0.04877346	0.048262617	0.581415666	1
HTN	mesothelium	<i>GTPBP10</i>	-0.0077452	0.012994109	0.581415666	1
HTN	mesothelium	<i>HLA-DQB2</i>	-0.008569562	0.046077091	0.581415666	1
HTN	mesothelium	<i>HNRNPAIL2</i>	-0.048371601	0.031456593	0.581415666	1
HTN	mesothelium	<i>HOXB3</i>	-0.006022154	0.048682657	0.581415666	1
HTN	mesothelium	<i>HPS1</i>	-0.008478653	0.036251435	0.581415666	1
HTN	mesothelium	<i>HS3ST6</i>	-0.072171841	0.004021226	0.581415666	1
HTN	mesothelium	<i>HSD17B1</i>	-0.021888656	0.018476301	0.581415666	1
HTN	mesothelium	<i>HSD17B13</i>	-0.083918397	0.003058958	0.581415666	1
HTN	mesothelium	<i>IFI27L2</i>	-0.014296821	0.045230522	0.581415666	1
HTN	mesothelium	<i>IFITM1</i>	-0.069848716	0.000847305	0.581415666	1
HTN	mesothelium	<i>IFRD1</i>	-0.004435157	0.022894885	0.581415666	1
HTN	mesothelium	<i>IFT140</i>	-0.006532016	0.033303633	0.581415666	1
HTN	mesothelium	<i>IL11RA</i>	0.011822326	0.02628385	0.581415666	1
HTN	mesothelium	<i>IL17RC</i>	-0.020672097	0.026837749	0.581415666	1
HTN	mesothelium	<i>ING3</i>	-0.009156963	0.000311017	0.581415666	1
HTN	mesothelium	<i>INHBB</i>	-0.03467301	0.047106798	0.581415666	1
HTN	mesothelium	<i>INMT</i>	-0.013346366	0.040596587	0.581415666	1
HTN	mesothelium	<i>INPP1</i>	0.005852679	0.020284422	0.581415666	1
HTN	mesothelium	<i>ITGB3</i>	-0.051154607	0.028873659	0.581415666	1
HTN	mesothelium	<i>KBTBD12</i>	-0.008461997	0.039378866	0.581415666	1
HTN	mesothelium	<i>KLHDC9</i>	-0.041739909	0.02219483	0.581415666	1
HTN	mesothelium	<i>LAMC2</i>	-0.016215861	0.026959404	0.581415666	1
HTN	mesothelium	<i>LBX2</i>	-0.027450043	0.042004595	0.581415666	1
HTN	mesothelium	<i>LCNLI</i>	-0.098729309	0.047570278	0.581415666	1
HTN	mesothelium	<i>LINC00174</i>	0.005020199	0.007344922	0.581415666	1
HTN	mesothelium	<i>LINC00592</i>	-0.117079413	0.013941962	0.581415666	1
HTN	mesothelium	<i>LINC00957</i>	-0.046392001	0.012427228	0.581415666	1
HTN	mesothelium	<i>LINC00960</i>	-0.065743577	0.034189224	0.581415666	1
HTN	mesothelium	<i>LRIT3</i>	-0.060859737	0.003254697	0.581415666	1
HTN	mesothelium	<i>LRRC37A</i>	-0.020109415	0.021008055	0.581415666	1
HTN	mesothelium	<i>LRWD1</i>	-0.045528519	0.042017094	0.581415666	1
HTN	mesothelium	<i>LSR</i>	-0.00838025	0.039005058	0.581415666	1
HTN	mesothelium	<i>LY6H</i>	-0.055901096	0.044648387	0.581415666	1
HTN	mesothelium	<i>LY86</i>	0.002210982	0.030833164	0.581415666	1
HTN	mesothelium	<i>MALRD1</i>	-0.007328949	0.025153392	0.581415666	1
HTN	mesothelium	<i>MEX3A</i>	-0.042503911	0.004689425	0.581415666	1
HTN	mesothelium	<i>MFAP3L</i>	-0.02388177	0.0252909	0.581415666	1
HTN	mesothelium	<i>MFSD8</i>	-0.008614438	0.031931133	0.581415666	1
HTN	mesothelium	<i>MICU2</i>	-0.002784936	0.019343182	0.581415666	1
HTN	mesothelium	<i>MIEN1</i>	-0.013329734	0.035161163	0.581415666	1

HTN	mesothelium	<i>MLF2</i>	-0.010162485	0.029040415	0.581415666	1
HTN	mesothelium	<i>MMP14</i>	-0.019339986	0.027091711	0.581415666	1
HTN	mesothelium	<i>MOGS</i>	-0.010057769	0.040257081	0.581415666	1
HTN	mesothelium	<i>MRPL34</i>	-0.013337062	0.027926977	0.581415666	1
HTN	mesothelium	<i>MRPS26</i>	-0.009842284	0.020319465	0.581415666	1
HTN	mesothelium	<i>MTIM</i>	-0.017264007	0.033027354	0.581415666	1
HTN	mesothelium	<i>MTO1</i>	-0.005714371	0.035980316	0.581415666	1
HTN	mesothelium	<i>MVB12A</i>	-0.00932829	0.028815085	0.581415666	1
HTN	mesothelium	<i>MYL5</i>	-0.019362696	0.044466887	0.581415666	1
HTN	mesothelium	<i>MYO19</i>	-0.004665258	0.040439503	0.581415666	1
HTN	mesothelium	<i>NAALADL1</i>	-0.019134324	0.044950757	0.581415666	1
HTN	mesothelium	<i>NBPF3</i>	-0.012251834	0.014340618	0.581415666	1
HTN	mesothelium	<i>NCSI</i>	-0.018811796	0.020659773	0.581415666	1
HTN	mesothelium	<i>NDUFS5</i>	-0.008035539	0.011291163	0.581415666	1
HTN	mesothelium	<i>NEK4</i>	-0.008074644	0.032271013	0.581415666	1
HTN	mesothelium	<i>NLRP2</i>	-0.022122264	0.031510473	0.581415666	1
HTN	mesothelium	<i>NME1-NME2</i>	-0.106672728	0.031908502	0.581415666	1
HTN	mesothelium	<i>NMNAT2</i>	-0.005519472	0.04172682	0.581415666	1
HTN	mesothelium	<i>NMNAT3</i>	-0.006120324	0.031947406	0.581415666	1
HTN	mesothelium	<i>NOMO3</i>	-0.040415761	0.023041163	0.581415666	1
HTN	mesothelium	<i>NPIPA1</i>	-0.011779702	0.045671352	0.581415666	1
HTN	mesothelium	<i>NT5DC2</i>	-0.024148954	0.012749854	0.581415666	1
HTN	mesothelium	<i>NT5M</i>	-0.015204188	0.015198063	0.581415666	1
HTN	mesothelium	<i>NTPCR</i>	-0.003703615	0.040057172	0.581415666	1
HTN	mesothelium	<i>NUP35</i>	-0.009515013	0.044152684	0.581415666	1
HTN	mesothelium	<i>NUP85</i>	-0.005309184	0.029858935	0.581415666	1
HTN	mesothelium	<i>NYAP1</i>	-0.035041395	0.029746516	0.581415666	1
HTN	mesothelium	<i>P2RY11</i>	-0.032700567	0.013684596	0.581415666	1
HTN	mesothelium	<i>PACSIN3</i>	-0.031766927	0.04181222	0.581415666	1
HTN	mesothelium	<i>PADI2</i>	-0.01482993	0.00370377	0.581415666	1
HTN	mesothelium	<i>PCDHA4</i>	-0.059029408	0.035829578	0.581415666	1
HTN	mesothelium	<i>PCP2</i>	-0.087132964	0.017823431	0.581415666	1
HTN	mesothelium	<i>PDCD11</i>	-0.011002905	0.012060179	0.581415666	1
HTN	mesothelium	<i>PDCD1LG2</i>	-0.006550462	0.043661621	0.581415666	1
HTN	mesothelium	<i>PDIA4</i>	-0.006056044	0.033981914	0.581415666	1
HTN	mesothelium	<i>PFN4</i>	-0.012641674	0.036907686	0.581415666	1
HTN	mesothelium	<i>PHOSPHO2</i>	-0.02935958	0.01169075	0.581415666	1
HTN	mesothelium	<i>PIGK</i>	-0.008409196	0.044134491	0.581415666	1
HTN	mesothelium	<i>PLEKHA4</i>	-0.010395543	0.033143725	0.581415666	1
HTN	mesothelium	<i>POLR2D</i>	-0.013744971	0.01659329	0.581415666	1
HTN	mesothelium	<i>POLR2J</i>	-0.013469257	0.022221924	0.581415666	1
HTN	mesothelium	<i>POLR3H</i>	-0.007663401	0.033396708	0.581415666	1
HTN	mesothelium	<i>POPDC2</i>	-0.026183658	0.01953502	0.581415666	1
HTN	mesothelium	<i>POU5F1</i>	-0.042637096	0.03516589	0.581415666	1
HTN	mesothelium	<i>PPIE</i>	-0.007596404	0.023953404	0.581415666	1
HTN	mesothelium	<i>PPP1R37</i>	-0.014834665	0.04128626	0.581415666	1
HTN	mesothelium	<i>PPP2R2D</i>	-0.005511777	0.023863783	0.581415666	1
HTN	mesothelium	<i>PRDX5</i>	-0.007954672	0.041476767	0.581415666	1
HTN	mesothelium	<i>PROZ</i>	-0.043079319	0.025899995	0.581415666	1
HTN	mesothelium	<i>PRR4</i>	-0.005246209	0.042062684	0.581415666	1
HTN	mesothelium	<i>PRSS12</i>	-0.013216242	0.014070891	0.581415666	1
HTN	mesothelium	<i>PRSS21</i>	-0.00676954	0.007468126	0.581415666	1

HTN	mesothelium	<i>PSMD2</i>	-0.008865475	0.036280564	0.581415666	1
HTN	mesothelium	<i>PSORS1C2</i>	-0.119409757	0.026427962	0.581415666	1
HTN	mesothelium	<i>PYCARD</i>	-0.007496728	0.038008255	0.581415666	1
HTN	mesothelium	<i>PYROXD2</i>	-0.008060154	0.025226953	0.581415666	1
HTN	mesothelium	<i>PYURF</i>	-0.015073148	0.02946628	0.581415666	1
HTN	mesothelium	<i>RAB2A</i>	-0.00168075	0.041368957	0.581415666	1
HTN	mesothelium	<i>RAB43</i>	-0.133981315	0.028440452	0.581415666	1
HTN	mesothelium	<i>RABGEF1</i>	0.013988158	0.045974543	0.581415666	1
HTN	mesothelium	<i>RAET1E</i>	-0.022397514	0.007812207	0.581415666	1
HTN	mesothelium	<i>RASAL2-ASI</i>	-0.084761747	0.045423484	0.581415666	1
HTN	mesothelium	<i>RHCE</i>	-0.047071724	0.001638716	0.581415666	1
HTN	mesothelium	<i>RIBC2</i>	-0.025746252	0.041494571	0.581415666	1
HTN	mesothelium	<i>RNF32</i>	-0.01767016	0.002353581	0.581415666	1
HTN	mesothelium	<i>RPP25</i>	-0.044503547	0.044151206	0.581415666	1
HTN	mesothelium	<i>RRAGA</i>	-0.024734265	0.023730442	0.581415666	1
HTN	mesothelium	<i>RRM1</i>	-0.01261013	0.016284167	0.581415666	1
HTN	mesothelium	<i>RWDD2B</i>	-0.012297535	0.03865495	0.581415666	1
HTN	mesothelium	<i>SI00A1</i>	-0.066101723	0.006500375	0.581415666	1
HTN	mesothelium	<i>SI00A3</i>	-0.074552955	0.018235831	0.581415666	1
HTN	mesothelium	<i>SAMD11</i>	-0.013883417	0.034386536	0.581415666	1
HTN	mesothelium	<i>SCIN</i>	-0.010456502	0.025790216	0.581415666	1
HTN	mesothelium	<i>SCUBE2</i>	-0.016646678	0.036058911	0.581415666	1
HTN	mesothelium	<i>SDSL</i>	-0.015124574	0.026533494	0.581415666	1
HTN	mesothelium	<i>SEC14L6</i>	-0.037702569	0.012081643	0.581415666	1
HTN	mesothelium	<i>Sep-05</i>	-0.036912747	0.014687539	0.581415666	1
HTN	mesothelium	<i>SERF1A</i>	-0.055291552	0.008498124	0.581415666	1
HTN	mesothelium	<i>SERPINC1</i>	-0.046189575	0.025388709	0.581415666	1
HTN	mesothelium	<i>SETD9</i>	-0.021416011	0.018225076	0.581415666	1
HTN	mesothelium	<i>SGSH</i>	0.008317204	0.044261051	0.581415666	1
HTN	mesothelium	<i>SH3TC2</i>	-0.022979413	0.019728179	0.581415666	1
HTN	mesothelium	<i>SLC12A7</i>	-0.003202547	0.043377266	0.581415666	1
HTN	mesothelium	<i>SLC22A18</i>	-0.017753806	0.032687994	0.581415666	1
HTN	mesothelium	<i>SLC25A29</i>	-0.005393031	0.043226049	0.581415666	1
HTN	mesothelium	<i>SLC25A38</i>	-0.013042776	0.032792239	0.581415666	1
HTN	mesothelium	<i>SLC2A10</i>	-0.017825172	0.012908971	0.581415666	1
HTN	mesothelium	<i>SLC35F6</i>	-0.008489147	0.047145546	0.581415666	1
HTN	mesothelium	<i>SMPDL3A</i>	-0.019714297	0.013342129	0.581415666	1
HTN	mesothelium	<i>SOSTDC1</i>	-0.067602715	0.03188767	0.581415666	1
HTN	mesothelium	<i>SOX7</i>	-0.018640018	0.034002565	0.581415666	1
HTN	mesothelium	<i>SPATC1L</i>	-0.023984513	0.032465968	0.581415666	1
HTN	mesothelium	<i>SPRR2F</i>	-0.108691448	0.034920449	0.581415666	1
HTN	mesothelium	<i>SPRYD4</i>	-0.019601086	0.03677352	0.581415666	1
HTN	mesothelium	<i>SPTY2D1</i>	-0.007096403	0.04910352	0.581415666	1
HTN	mesothelium	<i>SRD5A3</i>	-0.015322482	0.034589815	0.581415666	1
HTN	mesothelium	<i>SRP14</i>	-0.004719306	0.024200131	0.581415666	1
HTN	mesothelium	<i>STRIP1</i>	-0.010298981	0.00369317	0.581415666	1
HTN	mesothelium	<i>STX2</i>	-0.00449199	0.029049771	0.581415666	1
HTN	mesothelium	<i>STXBP4</i>	-0.005965239	0.034786267	0.581415666	1
HTN	mesothelium	<i>SUPT20H</i>	-0.004705548	0.018422955	0.581415666	1
HTN	mesothelium	<i>SURF6</i>	-0.009640576	0.046726148	0.581415666	1
HTN	mesothelium	<i>SV2A</i>	-0.021154924	0.025436054	0.581415666	1
HTN	mesothelium	<i>SVIP</i>	-0.005175541	0.006693584	0.581415666	1

HTN	mesothelium	<i>SYT15</i>	-0.039617503	0.031778583	0.581415666	1
HTN	mesothelium	<i>TARS2</i>	-0.010067889	0.012414887	0.581415666	1
HTN	mesothelium	<i>TAS2R43</i>	-0.062874859	0.026907241	0.581415666	1
HTN	mesothelium	<i>TBRG4</i>	-0.010765954	0.038776767	0.581415666	1
HTN	mesothelium	<i>TEPP</i>	-0.066670355	0.026356644	0.581415666	1
HTN	mesothelium	<i>THAP5</i>	-0.013667879	0.035813923	0.581415666	1
HTN	mesothelium	<i>TMEM143</i>	-0.020513252	0.007738945	0.581415666	1
HTN	mesothelium	<i>TMEM199</i>	-0.029437927	0.048876811	0.581415666	1
HTN	mesothelium	<i>TMEM60</i>	-0.007258376	0.020677302	0.581415666	1
HTN	mesothelium	<i>TP53BP1</i>	-0.003695303	0.019692812	0.581415666	1
HTN	mesothelium	<i>TPRA1</i>	-0.008969966	0.028431241	0.581415666	1
HTN	mesothelium	<i>TRAMIL1</i>	-0.058765641	0.046398694	0.581415666	1
HTN	mesothelium	<i>TRIM37</i>	-0.007592117	0.045569152	0.581415666	1
HTN	mesothelium	<i>TSFM</i>	-0.014219853	0.043466557	0.581415666	1
HTN	mesothelium	<i>TSLP</i>	-0.021236696	0.010789933	0.581415666	1
HTN	mesothelium	<i>TTL12</i>	-0.019202249	0.017985281	0.581415666	1
HTN	mesothelium	<i>TULP2</i>	-0.031126599	0.047328337	0.581415666	1
HTN	mesothelium	<i>TXNL4A</i>	-0.003355975	0.030021901	0.581415666	1
HTN	mesothelium	<i>UBA52</i>	-0.003050605	0.033043108	0.581415666	1
HTN	mesothelium	<i>ULK3</i>	-0.009090767	0.017625158	0.581415666	1
HTN	mesothelium	<i>UPK1A</i>	-0.104044827	0.008741165	0.581415666	1
HTN	mesothelium	<i>USP22</i>	-0.003333521	0.029352256	0.581415666	1
HTN	mesothelium	<i>USP45</i>	-0.003743317	0.039776865	0.581415666	1
HTN	mesothelium	<i>VPS9D1</i>	-0.010657981	0.026217107	0.581415666	1
HTN	mesothelium	<i>VSIG2</i>	-0.019599939	0.046830752	0.581415666	1
HTN	mesothelium	<i>WDR5B</i>	-0.028160526	0.001057157	0.581415666	1
HTN	mesothelium	<i>WDSUB1</i>	-0.005794438	0.022179451	0.581415666	1
HTN	mesothelium	<i>WFDC6</i>	-0.072548671	0.035894891	0.581415666	1
HTN	mesothelium	<i>WNT3</i>	-0.02734794	0.04952836	0.581415666	1
HTN	mesothelium	<i>WNT6</i>	-0.011439394	0.043197743	0.581415666	1
HTN	mesothelium	<i>YTHDF3-AS1</i>	-0.022345236	0.045881147	0.581415666	1
HTN	mesothelium	<i>ZADH2</i>	-0.005897798	0.019855273	0.581415666	1
HTN	mesothelium	<i>ZDHHC11</i>	-0.022819065	0.023643445	0.581415666	1
HTN	mesothelium	<i>ZDHHC11B</i>	-0.012885616	0.012222148	0.581415666	1
HTN	mesothelium	<i>ZDHHC4</i>	-0.013700028	0.002347552	0.581415666	1
HTN	mesothelium	<i>ZFAND1</i>	-0.007206665	0.013410309	0.581415666	1
HTN	mesothelium	<i>ZFP30</i>	-0.006721206	0.034750086	0.581415666	1
HTN	mesothelium	<i>ZFPM1</i>	-0.01449135	0.004354303	0.581415666	1
HTN	mesothelium	<i>ZFYVE28</i>	-0.004666617	0.036204903	0.581415666	1
HTN	mesothelium	<i>ZKSCAN5</i>	-0.019000843	0.039938331	0.581415666	1
HTN	mesothelium	<i>ZMYND12</i>	-0.045527158	0.028099449	0.581415666	1
HTN	mesothelium	<i>ZNF138</i>	-0.00473172	0.02577901	0.581415666	1
HTN	mesothelium	<i>ZNF181</i>	-0.016548357	0.013472205	0.581415666	1
HTN	mesothelium	<i>ZNF197</i>	-0.00569371	0.04185151	0.581415666	1
HTN	mesothelium	<i>ZNF415</i>	-0.021243179	0.034874543	0.581415666	1
HTN	mesothelium	<i>ZNF507</i>	-0.004956551	0.02048057	0.581415666	1
HTN	mesothelium	<i>ZNF584</i>	-0.011068279	0.036261225	0.581415666	1
HTN	mesothelium	<i>ZNF669</i>	-0.026990333	0.011315198	0.581415666	1
HTN	mesothelium	<i>ZNF677</i>	-0.011685163	0.032120392	0.581415666	1
HTN	mesothelium	<i>ZNF691</i>	-0.036776932	0.006931719	0.581415666	1
HTN	mesothelium	<i>ZNF709</i>	-0.097780393	0.016385452	0.581415666	1
HTN	mesothelium	<i>ZNF728</i>	-0.025239679	0.049688823	0.581415666	1

HTN	mesothelium	<i>ZNF738</i>	-0.008492021	0.012011098	0.581415666	1
HTN	mesothelium	<i>ZNF763</i>	-0.034069553	0.020832776	0.581415666	1
HTN	mesothelium	<i>ZNF787</i>	-0.011236319	0.04027933	0.581415666	1
HTN	mesothelium	<i>ZNF85</i>	-0.004812608	0.037530425	0.581415666	1
HTN	mesothelium	<i>ZNF90</i>	-0.02432739	0.017603325	0.581415666	1
HTN	mesothelium	<i>ZSCAN23</i>	-0.016859555	0.018842522	0.581415666	1
HTN	mesothelium	<i>ZNF80</i>	-0.01352278	0.043059965	0.581415666	1
HTN	mesothelium	<i>LINC00619</i>	-0.057079092	0.018812034	0.581415666	1
HTN	mesothelium	<i>MRGPRX2</i>	-0.020181573	0.038336977	0.581415666	1
HTN	mesothelium	<i>KRT72</i>	-0.005508933	0.036778411	0.581415666	1
HTN	mesothelium	<i>LGALS9B</i>	-0.007013742	0.009483683	0.581415666	1
HTN	mesothelium	<i>NPIPA7</i>	-0.130181184	0.001221725	0.581415666	1
HTN	mesothelium	<i>CPN2</i>	-0.005645151	0.029334713	0.581415666	1
HTN	mesothelium	<i>FOXI2</i>	-0.1168475	0.007561923	0.581415666	1
HTN	mesothelium	<i>SLC22A31</i>	-0.012480148	0.034042632	0.581415666	1
HTN	mesothelium	<i>MYLK2</i>	-0.006029169	0.044515055	0.581415666	1
HTN	mesothelium	<i>FFAR3</i>	-0.128995498	0.019075784	0.581415666	1
HTN	mesothelium	<i>SRXN1</i>	-0.010841515	0.040007954	0.581415666	1
HTN	mesothelium	<i>GPR42</i>	-0.006030855	0.01980004	0.581415666	1
HTN	monocyte	<i>ABCF1</i>	-0.006957519	0.042006794	0.739974784	1
HTN	monocyte	<i>ABHD8</i>	-0.012693469	0.041293092	0.739974784	1
HTN	monocyte	<i>ABLIM2</i>	-0.007366596	0.045362774	0.739974784	1
HTN	monocyte	<i>AC016773.1</i>	-0.015999331	0.045488648	0.739974784	1
HTN	monocyte	<i>ACE</i>	-0.011369434	0.046167298	0.739974784	1
HTN	monocyte	<i>AFAP1L2</i>	-0.009162709	0.036198106	0.739974784	1
HTN	monocyte	<i>AGAP6</i>	-0.013069398	0.015500076	0.739974784	1
HTN	monocyte	<i>AGK</i>	-0.006543665	0.048890084	0.739974784	1
HTN	monocyte	<i>ALDH5A1</i>	-0.009613078	0.038148651	0.739974784	1
HTN	monocyte	<i>ALDH7A1</i>	-0.005063928	0.04654205	0.739974784	1
HTN	monocyte	<i>ALS2</i>	-0.003478924	0.040900128	0.739974784	1
HTN	monocyte	<i>ALYREF</i>	-0.046056801	0.030872017	0.739974784	1
HTN	monocyte	<i>ANKLE1</i>	-0.042547512	0.016807193	0.739974784	1
HTN	monocyte	<i>ANKRD36B</i>	-0.003983382	0.038283348	0.739974784	1
HTN	monocyte	<i>ANKRD50</i>	-0.00566623	0.046744838	0.739974784	1
HTN	monocyte	<i>ANXA3</i>	-0.004636806	0.032472914	0.739974784	1
HTN	monocyte	<i>ATF6B</i>	0.004124982	0.034297412	0.739974784	1
HTN	monocyte	<i>ATN1</i>	-0.011925943	0.038050762	0.739974784	1
HTN	monocyte	<i>ATP5S</i>	-0.005637365	0.021037003	0.739974784	1
HTN	monocyte	<i>BMPR2</i>	-0.002244809	0.025596966	0.739974784	1
HTN	monocyte	<i>BTN3A2</i>	-0.005167482	0.03574394	0.739974784	1
HTN	monocyte	<i>BTNL8</i>	-0.010916949	0.044607211	0.739974784	1
HTN	monocyte	<i>C12orf43</i>	-0.025183939	0.02977681	0.739974784	1
HTN	monocyte	<i>C15orf65</i>	-0.021059676	0.027356281	0.739974784	1
HTN	monocyte	<i>CA8</i>	-0.026435434	0.005145935	0.739974784	1
HTN	monocyte	<i>CADM2</i>	-0.002332863	0.038048115	0.739974784	1
HTN	monocyte	<i>CAPN11</i>	-0.059644806	0.032292555	0.739974784	1
HTN	monocyte	<i>CAPN12</i>	-0.016887207	0.03130401	0.739974784	1
HTN	monocyte	<i>CCDC181</i>	-0.023811098	0.03219483	0.739974784	1
HTN	monocyte	<i>CCDC68</i>	-0.007320309	0.020124805	0.739974784	1
HTN	monocyte	<i>CCL14</i>	-0.04061677	0.01031786	0.739974784	1
HTN	monocyte	<i>CCL16</i>	-0.057211527	0.023254472	0.739974784	1
HTN	monocyte	<i>CCNE2</i>	-0.010585483	0.027903729	0.739974784	1

HTN	monocyte	<i>CDHR1</i>	-0.059249442	0.009939622	0.739974784	1
HTN	monocyte	<i>CEP135</i>	-0.004610749	0.036039624	0.739974784	1
HTN	monocyte	<i>CFI</i>	-0.004373903	0.04297339	0.739974784	1
HTN	monocyte	<i>CHRNA1</i>	-0.043853157	0.04617776	0.739974784	1
HTN	monocyte	<i>CLCNKA</i>	-0.09811095	0.042024053	0.739974784	1
HTN	monocyte	<i>CLEC3B</i>	-0.016787352	0.018809423	0.739974784	1
HTN	monocyte	<i>CLHC1</i>	-0.008401436	0.008070673	0.739974784	1
HTN	monocyte	<i>CLSTN3</i>	-0.012085951	0.038069921	0.739974784	1
HTN	monocyte	<i>CPNE4</i>	-0.016847918	0.032068534	0.739974784	1
HTN	monocyte	<i>CPXM2</i>	-0.006374311	0.048791555	0.739974784	1
HTN	monocyte	<i>CRELD1</i>	-0.009891172	0.03122273	0.739974784	1
HTN	monocyte	<i>CTNS</i>	-0.007226418	0.028121383	0.739974784	1
HTN	monocyte	<i>CXCL16</i>	-0.007114981	0.017284077	0.739974784	1
HTN	monocyte	<i>CYP2U1</i>	-0.01529589	0.020324731	0.739974784	1
HTN	monocyte	<i>DDT</i>	-0.009280679	0.029058634	0.739974784	1
HTN	monocyte	<i>DOC2B</i>	-0.015335849	0.028065586	0.739974784	1
HTN	monocyte	<i>DOPEY1</i>	-0.002676917	0.039465461	0.739974784	1
HTN	monocyte	<i>DPF1</i>	-0.053216665	0.029823857	0.739974784	1
HTN	monocyte	<i>DRD4</i>	0.030541189	0.035600001	0.739974784	1
HTN	monocyte	<i>DTYMK</i>	-0.010491051	0.046695676	0.739974784	1
HTN	monocyte	<i>DUSP19</i>	-0.030423007	0.033803975	0.739974784	1
HTN	monocyte	<i>DYNC1I2</i>	-0.002182348	0.03798417	0.739974784	1
HTN	monocyte	<i>DYRK3</i>	-0.019436407	0.03135208	0.739974784	1
HTN	monocyte	<i>EIF2B3</i>	-0.0027515	0.023515409	0.739974784	1
HTN	monocyte	<i>EMC9</i>	-0.016020878	0.02631134	0.739974784	1
HTN	monocyte	<i>EMP2</i>	-0.004458067	0.02813705	0.739974784	1
HTN	monocyte	<i>EPB41L4A</i>	-0.002011804	0.015004064	0.739974784	1
HTN	monocyte	<i>ERCC3</i>	-0.007155232	0.033220821	0.739974784	1
HTN	monocyte	<i>EXOSC6</i>	-0.008118162	0.041548662	0.739974784	1
HTN	monocyte	<i>FAM124A</i>	-0.013065932	0.041560855	0.739974784	1
HTN	monocyte	<i>FAM3B</i>	-0.022189538	0.01184153	0.739974784	1
HTN	monocyte	<i>FAM50B</i>	-0.037844267	0.011010137	0.739974784	1
HTN	monocyte	<i>FANCA</i>	-0.011695045	0.000606013	0.560683103	1
HTN	monocyte	<i>FBXO44</i>	-0.023773008	0.02034104	0.739974784	1
HTN	monocyte	<i>FGFR3</i>	-0.03777964	0.007196825	0.739974784	1
HTN	monocyte	<i>FIGLA</i>	-0.023133381	0.046111227	0.739974784	1
HTN	monocyte	<i>FLVCR1-AS1</i>	-0.010197238	0.025110956	0.739974784	1
HTN	monocyte	<i>FLYWCHI</i>	-0.005630765	0.02312987	0.739974784	1
HTN	monocyte	<i>FRA10AC1</i>	-0.004934221	0.007870619	0.739974784	1
HTN	monocyte	<i>G6PC3</i>	-0.018360225	0.013407777	0.739974784	1
HTN	monocyte	<i>GALNT15</i>	-0.005165765	0.011119874	0.739974784	1
HTN	monocyte	<i>GMPR</i>	-0.00698132	0.012478196	0.739974784	1
HTN	monocyte	<i>GNPTAB</i>	-0.001861601	0.049736376	0.739974784	1
HTN	monocyte	<i>GPX7</i>	-0.008474771	0.041469664	0.739974784	1
HTN	monocyte	<i>GRIK2</i>	-0.009894445	0.031790554	0.739974784	1
HTN	monocyte	<i>HAUS4</i>	-0.02296043	0.035362868	0.739974784	1
HTN	monocyte	<i>HDCC2</i>	-0.009319351	0.010332126	0.739974784	1
HTN	monocyte	<i>HMGB2</i>	-0.013238712	0.011163812	0.739974784	1
HTN	monocyte	<i>HOXD4</i>	-0.091484712	0.043358404	0.739974784	1
HTN	monocyte	<i>IFITM2</i>	-0.006947971	0.016006836	0.739974784	1
HTN	monocyte	<i>IGFBP2</i>	-0.010411086	0.022069986	0.739974784	1
HTN	monocyte	<i>IGHMBP2</i>	-0.00850484	0.031783288	0.739974784	1

HTN	monocyte	<i>IPO7</i>	-0.004553222	0.027237028	0.739974784	1
HTN	monocyte	<i>ITGA2B</i>	-0.037984652	0.020518986	0.739974784	1
HTN	monocyte	<i>ITGB6</i>	-0.035647181	0.029680002	0.739974784	1
HTN	monocyte	<i>ITPKC</i>	-0.007543336	0.047888252	0.739974784	1
HTN	monocyte	<i>KCTD10</i>	-0.012619445	0.016898587	0.739974784	1
HTN	monocyte	<i>LINC00314</i>	-0.098874696	7.67E-05	0.354840795	0.354840795
HTN	monocyte	<i>LINC00639</i>	-0.00467606	0.026660774	0.739974784	1
HTN	monocyte	<i>LINC00694</i>	-0.075985694	0.041798537	0.739974784	1
HTN	monocyte	<i>LMAN2L</i>	-0.009853188	0.011465062	0.739974784	1
HTN	monocyte	<i>LRP6</i>	-0.007281126	0.002930553	0.739974784	1
HTN	monocyte	<i>LRRC41</i>	-0.003560488	0.033479149	0.739974784	1
HTN	monocyte	<i>LSM6</i>	-0.009307952	0.021069105	0.739974784	1
HTN	monocyte	<i>LSR</i>	-0.008490548	0.036081479	0.739974784	1
HTN	monocyte	<i>LYSMD4</i>	-0.016960511	0.002183184	0.739974784	1
HTN	monocyte	<i>MET</i>	-0.004003442	0.025462355	0.739974784	1
HTN	monocyte	<i>MGAT5B</i>	-0.046485468	0.016534503	0.739974784	1
HTN	monocyte	<i>MGRN1</i>	-0.004417358	0.035648179	0.739974784	1
HTN	monocyte	<i>MICA</i>	-0.008111631	0.035439419	0.739974784	1
HTN	monocyte	<i>MLF2</i>	-0.009919039	0.032855979	0.739974784	1
HTN	monocyte	<i>MMRN2</i>	-0.008041896	0.010324661	0.739974784	1
HTN	monocyte	<i>MRGPRF</i>	-0.009081447	0.03178144	0.739974784	1
HTN	monocyte	<i>MROH7</i>	-0.045263344	0.041740384	0.739974784	1
HTN	monocyte	<i>MUC16</i>	-0.005392656	0.04847855	0.739974784	1
HTN	monocyte	<i>MYO10</i>	-0.003098776	0.045385162	0.739974784	1
HTN	monocyte	<i>NCEH1</i>	-0.003989561	0.019183589	0.739974784	1
HTN	monocyte	<i>NCR3LG1</i>	-0.011193589	0.011309322	0.739974784	1
HTN	monocyte	<i>NMNAT2</i>	-0.005722397	0.034601843	0.739974784	1
HTN	monocyte	<i>NOC3L</i>	-0.003410648	0.032101862	0.739974784	1
HTN	monocyte	<i>NOMO3</i>	-0.035671945	0.044882601	0.739974784	1
HTN	monocyte	<i>NOSTRIN</i>	-0.003854087	0.031161668	0.739974784	1
HTN	monocyte	<i>NOTCH4</i>	-0.003947261	0.019731272	0.739974784	1
HTN	monocyte	<i>NOV</i>	-0.021022991	0.000897556	0.692015394	1
HTN	monocyte	<i>NRXN2</i>	-0.023409156	0.008752783	0.739974784	1
HTN	monocyte	<i>NT5C3B</i>	-0.013703989	0.003018094	0.739974784	1
HTN	monocyte	<i>NT5M</i>	-0.01330226	0.033810999	0.739974784	1
HTN	monocyte	<i>OGN</i>	-0.003438784	0.047334921	0.739974784	1
HTN	monocyte	<i>OXGR1</i>	-0.081473034	0.013234163	0.739974784	1
HTN	monocyte	<i>PCSK9</i>	-0.080878167	0.031986725	0.739974784	1
HTN	monocyte	<i>PDIA4</i>	-0.008890757	0.001843122	0.739974784	1
HTN	monocyte	<i>PES1</i>	-0.006819334	0.016913821	0.739974784	1
HTN	monocyte	<i>PEX1</i>	0.012854069	0.000556325	0.560683103	1
HTN	monocyte	<i>PHACTR4</i>	-0.0031218	0.011750276	0.739974784	1
HTN	monocyte	<i>PIP4K2B</i>	-0.008056845	0.022926211	0.739974784	1
HTN	monocyte	<i>PLCXD3</i>	-0.005708528	0.017837816	0.739974784	1
HTN	monocyte	<i>PNMT</i>	-0.068303691	0.045927544	0.739974784	1
HTN	monocyte	<i>POLR2J</i>	-0.015112485	0.010456655	0.739974784	1
HTN	monocyte	<i>PRKG2</i>	-0.00549408	0.042805879	0.739974784	1
HTN	monocyte	<i>PROZ</i>	-0.038504027	0.046571726	0.739974784	1
HTN	monocyte	<i>PRSS12</i>	-0.012987742	0.015890819	0.739974784	1
HTN	monocyte	<i>PTGIS</i>	-0.004928032	0.014386394	0.739974784	1
HTN	monocyte	<i>RAB24</i>	-0.045307488	0.038574016	0.739974784	1
HTN	monocyte	<i>RAB6A</i>	-0.003941679	0.03552764	0.739974784	1

HTN	monocyte	<i>RAET1E</i>	-0.018953129	0.024185328	0.739974784	1
HTN	monocyte	<i>RASAL2-AS1</i>	-0.091614142	0.03114627	0.739974784	1
HTN	monocyte	<i>RBM20</i>	-0.008590515	0.006580374	0.739974784	1
HTN	monocyte	<i>RNF14</i>	-0.006644277	0.018918006	0.739974784	1
HTN	monocyte	<i>RNF32</i>	-0.015622678	0.007165108	0.739974784	1
HTN	monocyte	<i>RYR3</i>	-0.00299641	0.02783757	0.739974784	1
HTN	monocyte	<i>SAAL1</i>	-0.006077877	0.045923247	0.739974784	1
HTN	monocyte	<i>SAR1A</i>	-0.007144502	0.04010498	0.739974784	1
HTN	monocyte	<i>SCUBE2</i>	-0.019062761	0.016424842	0.739974784	1
HTN	monocyte	<i>SDSL</i>	-0.013688485	0.043863511	0.739974784	1
HTN	monocyte	<i>SEMA3F</i>	-0.02108754	0.013007547	0.739974784	1
HTN	monocyte	<i>Sep-05</i>	-0.029992608	0.047178021	0.739974784	1
HTN	monocyte	<i>SERAC1</i>	-0.011539464	0.035355096	0.739974784	1
HTN	monocyte	<i>SH2D4B</i>	-0.091804608	0.016592402	0.739974784	1
HTN	monocyte	<i>SH3GLB2</i>	-0.008608769	0.035219049	0.739974784	1
HTN	monocyte	<i>SH3TC2</i>	-0.023295199	0.017991453	0.739974784	1
HTN	monocyte	<i>SHANK2</i>	-0.006532629	0.029363578	0.739974784	1
HTN	monocyte	<i>SHISA4</i>	-0.020145978	0.026784408	0.739974784	1
HTN	monocyte	<i>SIRT6</i>	-0.008077797	0.047697244	0.739974784	1
HTN	monocyte	<i>SKOR1</i>	-0.07600648	0.032725258	0.739974784	1
HTN	monocyte	<i>SLC1A1</i>	-0.007424794	0.046071213	0.739974784	1
HTN	monocyte	<i>SLC25A22</i>	-0.06983966	0.008541268	0.739974784	1
HTN	monocyte	<i>SLC48A1</i>	-0.00517614	0.026204705	0.739974784	1
HTN	monocyte	<i>SLC52A2</i>	-0.008966939	0.001637896	0.739974784	1
HTN	monocyte	<i>SLFN12</i>	-0.009488116	0.034954586	0.739974784	1
HTN	monocyte	<i>SNRNP27</i>	-0.006197365	0.039126409	0.739974784	1
HTN	monocyte	<i>SOSTDC1</i>	-0.069296627	0.02779126	0.739974784	1
HTN	monocyte	<i>SOX17</i>	-0.02259859	0.023873197	0.739974784	1
HTN	monocyte	<i>SPATA2L</i>	-0.011397476	0.000321433	0.560683103	1
HTN	monocyte	<i>SPC25</i>	-0.005203379	0.038483919	0.739974784	1
HTN	monocyte	<i>SPECC1L</i>	-0.02175597	0.047592639	0.739974784	1
HTN	monocyte	<i>SPIRE2</i>	-0.016097825	0.002270485	0.739974784	1
HTN	monocyte	<i>SRP14</i>	-0.005621565	0.007177434	0.739974784	1
HTN	monocyte	<i>ST8SIA6</i>	-0.003714886	0.02702577	0.739974784	1
HTN	monocyte	<i>STON1</i>	-0.009646921	0.045821248	0.739974784	1
HTN	monocyte	<i>SYNJ2</i>	-0.009856877	0.031969289	0.739974784	1
HTN	monocyte	<i>TIGD1</i>	0.00614496	0.031541833	0.739974784	1
HTN	monocyte	<i>TMEM258</i>	-0.012920227	0.005528069	0.739974784	1
HTN	monocyte	<i>TMEM56</i>	-0.014440798	0.037877158	0.739974784	1
HTN	monocyte	<i>TMEM99</i>	-0.036384954	0.002925208	0.739974784	1
HTN	monocyte	<i>TP53BP1</i>	-0.00318249	0.044390606	0.739974784	1
HTN	monocyte	<i>TPO</i>	-0.003618037	0.042945111	0.739974784	1
HTN	monocyte	<i>TRLAPI</i>	-0.012990812	0.031739214	0.739974784	1
HTN	monocyte	<i>TRMT61B</i>	-0.005204639	0.004027556	0.739974784	1
HTN	monocyte	<i>TSFM</i>	-0.015368596	0.029096989	0.739974784	1
HTN	monocyte	<i>TTC28</i>	-0.001162036	0.016466766	0.739974784	1
HTN	monocyte	<i>TTC9C</i>	-0.009139668	0.012076205	0.739974784	1
HTN	monocyte	<i>TTLL6</i>	-0.037920635	0.000562301	0.560683103	1
HTN	monocyte	<i>ULK4</i>	-0.002066902	0.01385567	0.739974784	1
HTN	monocyte	<i>VPS16</i>	-0.00646208	0.043209492	0.739974784	1
HTN	monocyte	<i>WDR18</i>	-0.023298804	0.035094846	0.739974784	1
HTN	monocyte	<i>WDR63</i>	-0.005442477	0.019718445	0.739974784	1

HTN	monocyte	<i>XCL2</i>	-0.031997431	0.042373995	0.739974784	1
HTN	monocyte	<i>ZKSCAN7</i>	-0.015771931	0.027158964	0.739974784	1
HTN	monocyte	<i>ZNF175</i>	-0.018431024	0.032210144	0.739974784	1
HTN	monocyte	<i>ZNF229</i>	-0.077163179	0.022817817	0.739974784	1
HTN	monocyte	<i>ZNF263</i>	-0.006390805	0.023463528	0.739974784	1
HTN	monocyte	<i>ZNF285</i>	-0.096477154	0.017725922	0.739974784	1
HTN	monocyte	<i>ZNF343</i>	-0.019045513	0.04820999	0.739974784	1
HTN	monocyte	<i>ZNF431</i>	-0.005354213	0.032249934	0.739974784	1
HTN	monocyte	<i>ZNF462</i>	-0.003937775	0.038446582	0.739974784	1
HTN	monocyte	<i>ZNF470</i>	-0.019593138	0.009007485	0.739974784	1
HTN	monocyte	<i>ZNF493</i>	-0.006896997	0.006745112	0.739974784	1
HTN	monocyte	<i>ZNF573</i>	-0.012022284	0.01177552	0.739974784	1
HTN	monocyte	<i>ZNF71</i>	-0.025978668	0.002101691	0.739974784	1
HTN	monocyte	<i>ZNF750</i>	-0.027301146	0.029889596	0.739974784	1
HTN	monocyte	<i>ZNF763</i>	-0.030856935	0.036554561	0.739974784	1
HTN	monocyte	<i>ZSCAN29</i>	-0.0195534	0.012145607	0.739974784	1
HTN	monocyte	<i>PROKR1</i>	-0.111453403	0.015431868	0.739974784	1
HTN	monocyte	<i>NPIA7</i>	-0.088922515	0.027440129	0.739974784	1
HTN	monocyte	<i>SRXN1</i>	0.010772388	0.041797571	0.739974784	1
HTN	neutrophil	<i>ABHD12</i>	-0.004738115	0.0183735	0.968379646	1
HTN	neutrophil	<i>AC016773.1</i>	-0.017267897	0.030651427	0.968379646	1
HTN	neutrophil	<i>ACOX3</i>	-0.010831666	0.000643925	0.968379646	1
HTN	neutrophil	<i>AFAP1L2</i>	-0.01117121	0.010719193	0.968379646	1
HTN	neutrophil	<i>ALDH5A1</i>	-0.010419096	0.024604656	0.968379646	1
HTN	neutrophil	<i>ALG10</i>	-0.032227631	0.012029964	0.968379646	1
HTN	neutrophil	<i>ALYREF</i>	-0.042239789	0.047150816	0.968379646	1
HTN	neutrophil	<i>ANAPC4</i>	-0.008295241	0.013538169	0.968379646	1
HTN	neutrophil	<i>ANKRD29</i>	-0.003263595	0.026594986	0.968379646	1
HTN	neutrophil	<i>ANKS6</i>	0.009298085	0.006128023	0.968379646	1
HTN	neutrophil	<i>API5</i>	-0.005085965	0.025536264	0.968379646	1
HTN	neutrophil	<i>BTN3A1</i>	-0.003715572	0.021762193	0.968379646	1
HTN	neutrophil	<i>C12orf57</i>	-0.016846283	0.001543045	0.968379646	1
HTN	neutrophil	<i>C14orf79</i>	-0.01405919	0.023749114	0.968379646	1
HTN	neutrophil	<i>C22orf34</i>	-0.002608918	0.03484677	0.968379646	1
HTN	neutrophil	<i>C2CD4C</i>	-0.047929351	0.028797365	0.968379646	1
HTN	neutrophil	<i>C8orf33</i>	-0.007437737	0.049745884	0.968379646	1
HTN	neutrophil	<i>CA8</i>	-0.023528805	0.012501286	0.968379646	1
HTN	neutrophil	<i>CADM2</i>	-0.00250103	0.026127566	0.968379646	1
HTN	neutrophil	<i>CCDC127</i>	-0.017031561	0.022885175	0.968379646	1
HTN	neutrophil	<i>CCDC68</i>	-0.00700861	0.026129813	0.968379646	1
HTN	neutrophil	<i>CCR5</i>	-0.018630209	0.030809821	0.968379646	1
HTN	neutrophil	<i>CEACAM19</i>	-0.01860138	0.022841843	0.968379646	1
HTN	neutrophil	<i>CHI3L2</i>	-0.021300431	0.029075456	0.968379646	1
HTN	neutrophil	<i>CMTR2</i>	-0.007933285	0.028885101	0.968379646	1
HTN	neutrophil	<i>CPLX1</i>	-0.014800516	0.024440711	0.968379646	1
HTN	neutrophil	<i>CXCR6</i>	-0.021041771	0.00198663	0.968379646	1
HTN	neutrophil	<i>CYB561</i>	-0.013759909	0.04658066	0.968379646	1
HTN	neutrophil	<i>DAP</i>	-0.005024564	0.03686651	0.968379646	1
HTN	neutrophil	<i>DNMT1</i>	-0.004487641	0.049442876	0.968379646	1
HTN	neutrophil	<i>DOC2B</i>	-0.015464333	0.027172531	0.968379646	1
HTN	neutrophil	<i>ECI2</i>	-0.005651908	0.024893644	0.968379646	1
HTN	neutrophil	<i>EXOC6B</i>	-0.001383788	0.046491562	0.968379646	1

HTN	neutrophil	<i>F2R</i>	-0.016287281	0.011365403	0.968379646	1
HTN	neutrophil	<i>F2RL1</i>	0.075210657	0.031470505	0.968379646	1
HTN	neutrophil	<i>FAM19A1</i>	-0.007698544	0.023336253	0.968379646	1
HTN	neutrophil	<i>FBXO2</i>	-0.050653047	0.010699071	0.968379646	1
HTN	neutrophil	<i>FBXO39</i>	-0.065983509	0.032424578	0.968379646	1
HTN	neutrophil	<i>FGF17</i>	-0.10736171	0.012580008	0.968379646	1
HTN	neutrophil	<i>FOLR3</i>	-0.104288809	0.01697455	0.968379646	1
HTN	neutrophil	<i>FZD6</i>	-0.00596678	0.030851116	0.968379646	1
HTN	neutrophil	<i>GFOD1</i>	-0.00265648	0.032192779	0.968379646	1
HTN	neutrophil	<i>GNPTAB</i>	-0.001909771	0.044202391	0.968379646	1
HTN	neutrophil	<i>GPR52</i>	0.093685378	0.008320756	0.968379646	1
HTN	neutrophil	<i>GTPBP10</i>	-0.007810542	0.012209559	0.968379646	1
HTN	neutrophil	<i>HERC1</i>	-0.002231896	0.028064695	0.968379646	1
HTN	neutrophil	<i>HMGB2</i>	-0.010952479	0.036095407	0.968379646	1
HTN	neutrophil	<i>HSPA12A</i>	-0.003979343	0.045933066	0.968379646	1
HTN	neutrophil	<i>HTATIP2</i>	-0.009441251	0.011090569	0.968379646	1
HTN	neutrophil	<i>IRAK1BP1</i>	-0.005247077	0.025201279	0.968379646	1
HTN	neutrophil	<i>IZUMO1</i>	-0.117571766	0.018339996	0.968379646	1
HTN	neutrophil	<i>JMJD8</i>	-0.024439993	0.000672601	0.968379646	1
HTN	neutrophil	<i>KLC1</i>	-0.005475681	0.039782979	0.968379646	1
HTN	neutrophil	<i>KLHL7</i>	-0.003764236	0.042131119	0.968379646	1
HTN	neutrophil	<i>L3MBTL2</i>	-0.011661276	0.028406223	0.968379646	1
HTN	neutrophil	<i>LINC00115</i>	-0.010389089	0.040335413	0.968379646	1
HTN	neutrophil	<i>LINC00664</i>	-0.052192632	0.042399985	0.968379646	1
HTN	neutrophil	<i>LINC00987</i>	-0.010441441	0.021364558	0.968379646	1
HTN	neutrophil	<i>LMBR1L</i>	-0.007827495	0.012237209	0.968379646	1
HTN	neutrophil	<i>LSR</i>	-0.010156603	0.012251191	0.968379646	1
HTN	neutrophil	<i>LTBP3</i>	-0.009020442	0.049395881	0.968379646	1
HTN	neutrophil	<i>LURAP1</i>	-0.010181765	0.030129642	0.968379646	1
HTN	neutrophil	<i>MAP3K7</i>	-0.005985465	0.033890153	0.968379646	1
HTN	neutrophil	<i>MAPK8IP2</i>	-0.042731302	0.023656398	0.968379646	1
HTN	neutrophil	<i>MDGA1</i>	-0.016186534	0.006373291	0.968379646	1
HTN	neutrophil	<i>MET</i>	-0.00430864	0.016274877	0.968379646	1
HTN	neutrophil	<i>MEX3A</i>	-0.03068449	0.039794578	0.968379646	1
HTN	neutrophil	<i>MFSD5</i>	-0.022824696	0.049622366	0.968379646	1
HTN	neutrophil	<i>MICA</i>	-0.009497926	0.013762275	0.968379646	1
HTN	neutrophil	<i>MIEF2</i>	-0.013310156	0.04423892	0.968379646	1
HTN	neutrophil	<i>MST1R</i>	-0.02386483	0.030708584	0.968379646	1
HTN	neutrophil	<i>MYO10</i>	-0.003217125	0.03791389	0.968379646	1
HTN	neutrophil	<i>MYO15B</i>	-0.004459266	0.04954324	0.968379646	1
HTN	neutrophil	<i>NBPF3</i>	-0.011706057	0.018954866	0.968379646	1
HTN	neutrophil	<i>NEDD4</i>	-0.004300178	0.024275723	0.968379646	1
HTN	neutrophil	<i>NMNAT2</i>	-0.005660798	0.036791563	0.968379646	1
HTN	neutrophil	<i>NMNAT3</i>	-0.006207743	0.029728904	0.968379646	1
HTN	neutrophil	<i>NOSTRIN</i>	-0.003969928	0.026430779	0.968379646	1
HTN	neutrophil	<i>NT5M</i>	-0.018698591	0.002798652	0.968379646	1
HTN	neutrophil	<i>NUDT18</i>	-0.05171446	0.000891703	0.968379646	1
HTN	neutrophil	<i>NUP205</i>	-0.006764619	0.015942256	0.968379646	1
HTN	neutrophil	<i>NUSAP1</i>	-0.009200381	0.023539641	0.968379646	1
HTN	neutrophil	<i>NYAP1</i>	0.036094948	0.025480933	0.968379646	1
HTN	neutrophil	<i>OBSL1</i>	-0.010299433	0.016395248	0.968379646	1
HTN	neutrophil	<i>OR51E1</i>	-0.024543889	0.028718845	0.968379646	1

HTN	neutrophil	<i>PADI2</i>	-0.011562499	0.02368085	0.968379646	1
HTN	neutrophil	<i>PAK4</i>	-0.010428831	0.034030316	0.968379646	1
HTN	neutrophil	<i>PBXIP1</i>	-0.007984017	0.040322662	0.968379646	1
HTN	neutrophil	<i>PCDH1</i>	-0.01213872	0.047821919	0.968379646	1
HTN	neutrophil	<i>PCGF3</i>	-0.00670573	0.046394493	0.968379646	1
HTN	neutrophil	<i>PGM2</i>	-0.018157826	0.009251703	0.968379646	1
HTN	neutrophil	<i>PHIP</i>	-0.002169109	0.030101964	0.968379646	1
HTN	neutrophil	<i>PLAC9</i>	-0.006669738	0.034335924	0.968379646	1
HTN	neutrophil	<i>PLCH2</i>	-0.023782132	0.017067273	0.968379646	1
HTN	neutrophil	<i>PRDM15</i>	-0.010138612	0.014308812	0.968379646	1
HTN	neutrophil	<i>PYROXD1</i>	-0.003813748	0.038658424	0.968379646	1
HTN	neutrophil	<i>RAET1E</i>	-0.017083672	0.042464592	0.968379646	1
HTN	neutrophil	<i>RNF123</i>	-0.01259098	0.004362197	0.968379646	1
HTN	neutrophil	<i>RPL28</i>	-0.00189602	0.046682115	0.968379646	1
HTN	neutrophil	<i>RRAGA</i>	-0.029599032	0.006977257	0.968379646	1
HTN	neutrophil	<i>RSG1</i>	-0.020028603	0.013034244	0.968379646	1
HTN	neutrophil	<i>SAE1</i>	-0.00595689	0.030233329	0.968379646	1
HTN	neutrophil	<i>SAMD5</i>	-0.013873587	0.006600808	0.968379646	1
HTN	neutrophil	<i>SAP25</i>	-0.133289452	0.008820008	0.968379646	1
HTN	neutrophil	<i>SCN11A</i>	-0.034085544	0.021863215	0.968379646	1
HTN	neutrophil	<i>Sep-02</i>	-0.002855234	0.048277092	0.968379646	1
HTN	neutrophil	<i>SH3PXD2B</i>	-0.002551241	0.013165369	0.968379646	1
HTN	neutrophil	<i>SLC5A11</i>	-0.03687655	0.010681034	0.968379646	1
HTN	neutrophil	<i>SLC6A1</i>	-0.010070677	0.024042149	0.968379646	1
HTN	neutrophil	<i>SLFN11</i>	-0.005805088	0.004726176	0.968379646	1
HTN	neutrophil	<i>SLFN12</i>	-0.008954667	0.047062793	0.968379646	1
HTN	neutrophil	<i>SLFN5</i>	-0.003418196	0.042297973	0.968379646	1
HTN	neutrophil	<i>SNX15</i>	-0.093049926	0.020900388	0.968379646	1
HTN	neutrophil	<i>SPATA24</i>	-0.041411158	0.015909375	0.968379646	1
HTN	neutrophil	<i>SRP14</i>	-0.004760678	0.022874439	0.968379646	1
HTN	neutrophil	<i>STX8</i>	-0.003126937	0.021671622	0.968379646	1
HTN	neutrophil	<i>THBS3</i>	-0.00807191	0.026417515	0.968379646	1
HTN	neutrophil	<i>TIMP4</i>	-0.010234493	0.042444263	0.968379646	1
HTN	neutrophil	<i>TMEM220</i>	-0.005297878	0.014223818	0.968379646	1
HTN	neutrophil	<i>TMEM9</i>	-0.009758455	0.003624746	0.968379646	1
HTN	neutrophil	<i>TNFRSF18</i>	0.013818051	0.019262413	0.968379646	1
HTN	neutrophil	<i>TNFSF10</i>	-0.003085967	0.035637526	0.968379646	1
HTN	neutrophil	<i>TP53I13</i>	-0.005543268	0.031488395	0.968379646	1
HTN	neutrophil	<i>TPO</i>	-0.003742788	0.036251776	0.968379646	1
HTN	neutrophil	<i>TSPYL1</i>	-0.011700493	0.049504405	0.968379646	1
HTN	neutrophil	<i>ULK3</i>	-0.009978088	0.009158752	0.968379646	1
HTN	neutrophil	<i>VPS54</i>	-0.002312618	0.042089332	0.968379646	1
HTN	neutrophil	<i>WDSUB1</i>	-0.00678408	0.007516264	0.968379646	1
HTN	neutrophil	<i>WRAP73</i>	-0.010480456	0.028356308	0.968379646	1
HTN	neutrophil	<i>XKR9</i>	0.010107128	0.045561524	0.968379646	1
HTN	neutrophil	<i>ZBTB20</i>	-0.000843133	0.008659554	0.968379646	1
HTN	neutrophil	<i>ZDHHC2</i>	-0.006131483	0.005586732	0.968379646	1
HTN	neutrophil	<i>ZFYVE28</i>	-0.004505973	0.042938146	0.968379646	1
HTN	neutrophil	<i>ZNF175</i>	-0.019683485	0.022142905	0.968379646	1
HTN	neutrophil	<i>ZNF208</i>	-0.005858143	0.038895481	0.968379646	1
HTN	neutrophil	<i>ZNF334</i>	-0.007112154	0.017166356	0.968379646	1
HTN	neutrophil	<i>ZNF528</i>	-0.009659502	0.038802228	0.968379646	1

HTN	neutrophil	<i>ZNF547</i>	0.027396595	0.006604225	0.968379646	1
HTN	neutrophil	<i>ZNF708</i>	-0.003952239	0.023621386	0.968379646	1
HTN	neutrophil	<i>ZNF793</i>	-0.009818519	0.033543327	0.968379646	1
HTN	neutrophil	<i>ZSCAN23</i>	-0.01787742	0.012481008	0.968379646	1
HTN	neutrophil	<i>ZSCAN31</i>	-0.011686501	0.004118336	0.968379646	1
HTN	neutrophil	<i>MRGPRX2</i>	-0.01982561	0.041980372	0.968379646	1
HTN	neutrophil	<i>OR52N1</i>	0.016670495	0.038066054	0.968379646	1
HTN	nk_cell	<i>A1BG</i>	-0.017006123	0.020612695	0.76753695	1
HTN	nk_cell	<i>AANAT</i>	-0.105598676	0.03104334	0.76753695	1
HTN	nk_cell	<i>AC093668.2</i>	0.024181717	0.011943861	0.76753695	1
HTN	nk_cell	<i>AC112229.4</i>	-0.058802193	0.027260162	0.76753695	1
HTN	nk_cell	<i>ACOT7</i>	-0.019269639	0.000107739	0.384392253	0.498399291
HTN	nk_cell	<i>ADAM10</i>	-0.001898865	0.042095973	0.76753695	1
HTN	nk_cell	<i>AGTRAP</i>	-0.010740477	0.030873595	0.76753695	1
HTN	nk_cell	<i>ALDH3A1</i>	-0.092272688	0.020562745	0.76753695	1
HTN	nk_cell	<i>ALGIL2</i>	-0.009689878	0.043270731	0.76753695	1
HTN	nk_cell	<i>ARHGAP33</i>	-0.017924318	0.04162736	0.76753695	1
HTN	nk_cell	<i>ARHGAP9</i>	-0.005283043	0.044823918	0.76753695	1
HTN	nk_cell	<i>ARHGEF33</i>	-0.034494308	0.029221381	0.76753695	1
HTN	nk_cell	<i>ARL1</i>	-0.006127843	0.018590604	0.76753695	1
HTN	nk_cell	<i>BDH2</i>	-0.007899248	0.020571097	0.76753695	1
HTN	nk_cell	<i>BEGAIN</i>	-0.020849497	0.037762553	0.76753695	1
HTN	nk_cell	<i>C14orf80</i>	-0.024465519	0.030932985	0.76753695	1
HTN	nk_cell	<i>C15orf65</i>	-0.021072455	0.027507489	0.76753695	1
HTN	nk_cell	<i>C1QTNF9</i>	-0.047779261	0.046388261	0.76753695	1
HTN	nk_cell	<i>C22orf34</i>	-0.002467857	0.046769073	0.76753695	1
HTN	nk_cell	<i>C2CD4C</i>	-0.04456305	0.043882178	0.76753695	1
HTN	nk_cell	<i>C5orf63</i>	-0.022119763	0.009942039	0.76753695	1
HTN	nk_cell	<i>CA8</i>	-0.018952058	0.046388712	0.76753695	1
HTN	nk_cell	<i>CACNG8</i>	-0.073145116	0.040661412	0.76753695	1
HTN	nk_cell	<i>CAPN5</i>	-0.021123415	0.00821492	0.76753695	1
HTN	nk_cell	<i>CCDC134</i>	-0.014866983	0.035936897	0.76753695	1
HTN	nk_cell	<i>CCDC155</i>	-0.049735511	0.049212766	0.76753695	1
HTN	nk_cell	<i>CCDC68</i>	-0.006215655	0.049022423	0.76753695	1
HTN	nk_cell	<i>CD207</i>	-0.063874964	0.006284949	0.76753695	1
HTN	nk_cell	<i>CDHR1</i>	-0.051254118	0.025970211	0.76753695	1
HTN	nk_cell	<i>CEACAM4</i>	-0.033250069	0.017835704	0.76753695	1
HTN	nk_cell	<i>CELF6</i>	-0.06072294	0.027021329	0.76753695	1
HTN	nk_cell	<i>CETN3</i>	-0.01681083	0.049074395	0.76753695	1
HTN	nk_cell	<i>CHDH</i>	-0.025788246	0.023971195	0.76753695	1
HTN	nk_cell	<i>CHKB</i>	-0.029631552	0.034589089	0.76753695	1
HTN	nk_cell	<i>CHRFAM7A</i>	-0.130761809	0.020801054	0.76753695	1
HTN	nk_cell	<i>CHRNBI</i>	-0.061048351	0.005572413	0.76753695	1
HTN	nk_cell	<i>CIAO1</i>	-0.006319994	0.007930849	0.76753695	1
HTN	nk_cell	<i>CLEC18A</i>	-0.037659446	0.036193496	0.76753695	1
HTN	nk_cell	<i>CRELD1</i>	-0.009133346	0.046527821	0.76753695	1
HTN	nk_cell	<i>CRYZ</i>	-0.008587197	0.039192106	0.76753695	1
HTN	nk_cell	<i>CTSW</i>	-0.006752753	0.020333571	0.76753695	1
HTN	nk_cell	<i>DCTD</i>	-0.016918951	0.00500523	0.76753695	1
HTN	nk_cell	<i>DDC</i>	-0.069364204	0.038516759	0.76753695	1
HTN	nk_cell	<i>DEFB119</i>	-0.028663918	0.00914065	0.76753695	1
HTN	nk_cell	<i>DGKQ</i>	-0.026680881	0.001009766	0.76753695	1

HTN	nk_cell	<i>DIP2A</i>	-0.004127067	0.033238532	0.76753695	1
HTN	nk_cell	<i>DNLZ</i>	-0.089336869	0.020997693	0.76753695	1
HTN	nk_cell	<i>DSCC1</i>	-0.017862705	0.017608537	0.76753695	1
HTN	nk_cell	<i>DUS3L</i>	-0.020752381	0.046324344	0.76753695	1
HTN	nk_cell	<i>DUSP23</i>	-0.016889457	0.012644371	0.76753695	1
HTN	nk_cell	<i>ELOVL4</i>	-0.058968836	0.042989067	0.76753695	1
HTN	nk_cell	<i>EML3</i>	-0.012249754	0.042443597	0.76753695	1
HTN	nk_cell	<i>EPDR1</i>	-0.009555076	0.019254804	0.76753695	1
HTN	nk_cell	<i>ESPNL</i>	-0.091268826	0.001053302	0.76753695	1
HTN	nk_cell	<i>FAHD2B</i>	-0.014020769	0.043601368	0.76753695	1
HTN	nk_cell	<i>FAIM2</i>	-0.028114308	0.032662363	0.76753695	1
HTN	nk_cell	<i>FAM107A</i>	-0.01714955	0.002693892	0.76753695	1
HTN	nk_cell	<i>FAM120B</i>	-0.002681103	0.036182153	0.76753695	1
HTN	nk_cell	<i>FAM228A</i>	-0.074453947	0.02026966	0.76753695	1
HTN	nk_cell	<i>FAM229B</i>	-0.011441932	0.046457775	0.76753695	1
HTN	nk_cell	<i>FAM3B</i>	-0.01825161	0.039312907	0.76753695	1
HTN	nk_cell	<i>FANCG</i>	-0.038977472	0.025519616	0.76753695	1
HTN	nk_cell	<i>FBN2</i>	0.026242728	0.008056756	0.76753695	1
HTN	nk_cell	<i>FBXL6</i>	-0.01220784	0.036931782	0.76753695	1
HTN	nk_cell	<i>FBXO39</i>	-0.062794378	0.04200819	0.76753695	1
HTN	nk_cell	<i>FCRLB</i>	-0.013810438	0.042102408	0.76753695	1
HTN	nk_cell	<i>FGFR3</i>	-0.032236059	0.02180257	0.76753695	1
HTN	nk_cell	<i>FITM1</i>	-0.077823938	0.01223462	0.76753695	1
HTN	nk_cell	<i>FPGT</i>	-0.010099445	0.046227815	0.76753695	1
HTN	nk_cell	<i>G6PC3</i>	-0.019780349	0.007973494	0.76753695	1
HTN	nk_cell	<i>GAD1</i>	-0.027755783	0.032258709	0.76753695	1
HTN	nk_cell	<i>GALNT3</i>	-0.005465693	0.039995724	0.76753695	1
HTN	nk_cell	<i>GATAD1</i>	-0.002207937	0.035624776	0.76753695	1
HTN	nk_cell	<i>GCDH</i>	-0.006972555	0.036543094	0.76753695	1
HTN	nk_cell	<i>GIGYF1</i>	-0.014338779	0.020075635	0.76753695	1
HTN	nk_cell	<i>GMPR</i>	-0.005962039	0.031792203	0.76753695	1
HTN	nk_cell	<i>GNPTAB</i>	-0.001917593	0.041414103	0.76753695	1
HTN	nk_cell	<i>GOLGA8H</i>	-0.021607023	0.047417463	0.76753695	1
HTN	nk_cell	<i>GPAT2</i>	-0.048042713	0.012930776	0.76753695	1
HTN	nk_cell	<i>GRIN3A</i>	-0.04800126	0.030157939	0.76753695	1
HTN	nk_cell	<i>HAUS4</i>	-0.024253171	0.025941452	0.76753695	1
HTN	nk_cell	<i>HDAC10</i>	-0.023426997	0.015579383	0.76753695	1
HTN	nk_cell	<i>IDUA</i>	-0.010408066	0.020687191	0.76753695	1
HTN	nk_cell	<i>IFI27L2</i>	-0.014075908	0.04948039	0.76753695	1
HTN	nk_cell	<i>IKZF2</i>	-0.00610475	0.049232288	0.76753695	1
HTN	nk_cell	<i>IL11RA</i>	-0.012656669	0.017351678	0.76753695	1
HTN	nk_cell	<i>INHBB</i>	-0.043474789	0.01334412	0.76753695	1
HTN	nk_cell	<i>INPP5B</i>	-0.005049038	0.045105429	0.76753695	1
HTN	nk_cell	<i>IP6K3</i>	-0.033976124	0.032053297	0.76753695	1
HTN	nk_cell	<i>ITGA2B</i>	-0.043895245	0.00754648	0.76753695	1
HTN	nk_cell	<i>ITGAD</i>	-0.014974063	0.04784205	0.76753695	1
HTN	nk_cell	<i>ITGB3</i>	-0.046050201	0.049484787	0.76753695	1
HTN	nk_cell	<i>JAKMIP2</i>	-0.003423417	0.047103549	0.76753695	1
HTN	nk_cell	<i>JMJD8</i>	-0.019083623	0.008466575	0.76753695	1
HTN	nk_cell	<i>KCTD10</i>	-0.011764914	0.025908685	0.76753695	1
HTN	nk_cell	<i>KDM8</i>	-0.022546333	0.035946168	0.76753695	1
HTN	nk_cell	<i>KIR3DX1</i>	-0.023164035	0.022520098	0.76753695	1

HTN	nk_cell	<i>KNSTRN</i>	-0.014539621	0.012089598	0.76753695	1
HTN	nk_cell	<i>KRT27</i>	-0.115193452	0.021522376	0.76753695	1
HTN	nk_cell	<i>LAMC2</i>	-0.016702268	0.023630153	0.76753695	1
HTN	nk_cell	<i>LINC00342</i>	-0.010307257	0.01665374	0.76753695	1
HTN	nk_cell	<i>LINC00484</i>	-0.011037745	0.036763426	0.76753695	1
HTN	nk_cell	<i>LINC00664</i>	-0.05365531	0.036983235	0.76753695	1
HTN	nk_cell	<i>LINC00939</i>	-0.037443768	0.020375215	0.76753695	1
HTN	nk_cell	<i>LINC01106</i>	-0.010168768	0.030960843	0.76753695	1
HTN	nk_cell	<i>LRRCC1</i>	-0.010691988	0.042859333	0.76753695	1
HTN	nk_cell	<i>LSR</i>	-0.008291792	0.040477392	0.76753695	1
HTN	nk_cell	<i>LYSMD4</i>	-0.012879156	0.019908984	0.76753695	1
HTN	nk_cell	<i>MAP9</i>	-0.009642903	0.030894015	0.76753695	1
HTN	nk_cell	<i>MAPK8IP1</i>	-0.061459417	0.009794476	0.76753695	1
HTN	nk_cell	<i>Mar-02</i>	-0.009006832	0.025307893	0.76753695	1
HTN	nk_cell	<i>MCM8</i>	-0.015134766	0.045915903	0.76753695	1
HTN	nk_cell	<i>MGAT3</i>	-0.023565682	0.042344249	0.76753695	1
HTN	nk_cell	<i>MGRN1</i>	-0.00469598	0.025184789	0.76753695	1
HTN	nk_cell	<i>MIEF2</i>	-0.020431515	0.00218653	0.76753695	1
HTN	nk_cell	<i>MLF2</i>	-0.00974925	0.035330738	0.76753695	1
HTN	nk_cell	<i>MOCOS</i>	-0.026678807	0.048754326	0.76753695	1
HTN	nk_cell	<i>MOCS2</i>	-0.016997436	0.001668872	0.76753695	1
HTN	nk_cell	<i>MRPL34</i>	-0.012518867	0.04036982	0.76753695	1
HTN	nk_cell	<i>MRPL48</i>	-0.013073427	0.027750832	0.76753695	1
HTN	nk_cell	<i>MTIM</i>	-0.017421143	0.032220026	0.76753695	1
HTN	nk_cell	<i>MTMR6</i>	-0.007589388	0.00441749	0.76753695	1
HTN	nk_cell	<i>NAALADL1</i>	-0.021644937	0.023682311	0.76753695	1
HTN	nk_cell	<i>NARFL</i>	-0.011191371	0.013947585	0.76753695	1
HTN	nk_cell	<i>NDUFS5</i>	-0.006342954	0.045135563	0.76753695	1
HTN	nk_cell	<i>NIPAI</i>	-0.011168895	0.023608941	0.76753695	1
HTN	nk_cell	<i>NKD2</i>	-0.159143061	0.02428782	0.76753695	1
HTN	nk_cell	<i>NLRP2</i>	-0.027812396	0.007273453	0.76753695	1
HTN	nk_cell	<i>NMUR1</i>	-0.016507255	0.035948813	0.76753695	1
HTN	nk_cell	<i>NPIPA5</i>	-0.046765059	0.007431583	0.76753695	1
HTN	nk_cell	<i>NT5C</i>	-0.007941826	0.022485604	0.76753695	1
HTN	nk_cell	<i>NT5M</i>	-0.023635824	0.000166188	0.384392253	0.768784506
HTN	nk_cell	<i>P2RY11</i>	-0.030594671	0.020968678	0.76753695	1
HTN	nk_cell	<i>PAFAH2</i>	-0.010159055	0.029695139	0.76753695	1
HTN	nk_cell	<i>PBLD</i>	-0.010636639	0.018067526	0.76753695	1
HTN	nk_cell	<i>PCGF3</i>	-0.00668319	0.047608198	0.76753695	1
HTN	nk_cell	<i>PDE11A</i>	-0.055677161	0.040401191	0.76753695	1
HTN	nk_cell	<i>PES1</i>	-0.005807714	0.042142528	0.76753695	1
HTN	nk_cell	<i>PLEKHO2</i>	-0.011200775	0.006054156	0.76753695	1
HTN	nk_cell	<i>POLR2J</i>	-0.014710279	0.012493524	0.76753695	1
HTN	nk_cell	<i>POMZP3</i>	-0.014286205	0.024066441	0.76753695	1
HTN	nk_cell	<i>PRKG2</i>	-0.0056997	0.033761582	0.76753695	1
HTN	nk_cell	<i>PRPH2</i>	-0.009020015	0.03668203	0.76753695	1
HTN	nk_cell	<i>PSMA4</i>	-0.007597076	0.025483696	0.76753695	1
HTN	nk_cell	<i>RAD9A</i>	-0.003465478	0.035193977	0.76753695	1
HTN	nk_cell	<i>RHNO1</i>	-0.042892229	0.019437463	0.76753695	1
HTN	nk_cell	<i>RIMKLB</i>	-0.003436956	0.034702547	0.76753695	1
HTN	nk_cell	<i>RIOK1</i>	-0.008854964	0.010022689	0.76753695	1
HTN	nk_cell	<i>RNF157</i>	-0.01038121	0.01127457	0.76753695	1

HTN	nk_cell	<i>RNF165</i>	-0.00822758	0.040231197	0.76753695	1
HTN	nk_cell	<i>RNF6</i>	-0.007439055	0.012689323	0.76753695	1
HTN	nk_cell	<i>RPP25L</i>	-0.021005452	0.015517525	0.76753695	1
HTN	nk_cell	<i>RRAGA</i>	-0.023586827	0.031903968	0.76753695	1
HTN	nk_cell	<i>RTN4RL2</i>	-0.052826444	0.04612494	0.76753695	1
HTN	nk_cell	<i>RUFY2</i>	-0.002338579	0.030757743	0.76753695	1
HTN	nk_cell	<i>RWDD2B</i>	-0.012289212	0.038948578	0.76753695	1
HTN	nk_cell	<i>SI00A3</i>	-0.072980178	0.022099904	0.76753695	1
HTN	nk_cell	<i>SAE1</i>	-0.005495225	0.046717264	0.76753695	1
HTN	nk_cell	<i>SCD</i>	-0.006767112	0.005430152	0.76753695	1
HTN	nk_cell	<i>SEC14L6</i>	-0.032480238	0.031227449	0.76753695	1
HTN	nk_cell	<i>SEC63</i>	0.00427974	0.036344357	0.76753695	1
HTN	nk_cell	<i>SERPINC1</i>	-0.045806474	0.026744805	0.76753695	1
HTN	nk_cell	<i>SKOR1</i>	-0.121429574	0.000663246	0.76753695	1
HTN	nk_cell	<i>SLAIN2</i>	-0.00431641	0.023291435	0.76753695	1
HTN	nk_cell	<i>SLC10A5</i>	-0.028709246	0.036206752	0.76753695	1
HTN	nk_cell	<i>SLC25A22</i>	-0.070888081	0.007732684	0.76753695	1
HTN	nk_cell	<i>SLC25A32</i>	-0.003411784	0.039286874	0.76753695	1
HTN	nk_cell	<i>SLC48A1</i>	-0.004661292	0.046811009	0.76753695	1
HTN	nk_cell	<i>SPATC1L</i>	-0.023913065	0.033196335	0.76753695	1
HTN	nk_cell	<i>SSBP4</i>	-0.005590341	0.036986896	0.76753695	1
HTN	nk_cell	<i>ST8SIA6</i>	-0.004045339	0.015833559	0.76753695	1
HTN	nk_cell	<i>TBX2</i>	0.005182731	0.017401349	0.76753695	1
HTN	nk_cell	<i>TEPP</i>	-0.060080885	0.046727515	0.76753695	1
HTN	nk_cell	<i>TIMM10</i>	-0.016855389	0.012292009	0.76753695	1
HTN	nk_cell	<i>TMEM133</i>	-0.132598951	0.039055215	0.76753695	1
HTN	nk_cell	<i>TMEM150C</i>	-0.007592991	0.036252002	0.76753695	1
HTN	nk_cell	<i>TMEM161A</i>	-0.00782341	0.033617223	0.76753695	1
HTN	nk_cell	<i>TMEM216</i>	-0.014783139	0.019926538	0.76753695	1
HTN	nk_cell	<i>TMEM236</i>	-0.011085176	0.01825122	0.76753695	1
HTN	nk_cell	<i>TMEM50B</i>	-0.005286485	0.029197677	0.76753695	1
HTN	nk_cell	<i>TMEM91</i>	-0.018035421	0.019481159	0.76753695	1
HTN	nk_cell	<i>TMEM99</i>	-0.036433817	0.003066909	0.76753695	1
HTN	nk_cell	<i>TMX2</i>	-0.022963935	0.009624268	0.76753695	1
HTN	nk_cell	<i>TRABD2B</i>	-0.005059411	0.045172692	0.76753695	1
HTN	nk_cell	<i>TRAPPC4</i>	-0.007255369	0.024190344	0.76753695	1
HTN	nk_cell	<i>TRIM45</i>	-0.022246642	0.039865595	0.76753695	1
HTN	nk_cell	<i>TTC9C</i>	-0.007362549	0.042614359	0.76753695	1
HTN	nk_cell	<i>UBAP1L</i>	-0.005274098	0.044851557	0.76753695	1
HTN	nk_cell	<i>VCP</i>	-0.00708288	0.016167059	0.76753695	1
HTN	nk_cell	<i>VIPAS39</i>	-0.006331591	0.043518364	0.76753695	1
HTN	nk_cell	<i>VPS11</i>	-0.01295265	0.01915057	0.76753695	1
HTN	nk_cell	<i>ZCRB1</i>	-0.009792908	0.009031187	0.76753695	1
HTN	nk_cell	<i>ZDHC11B</i>	-0.011222916	0.028690129	0.76753695	1
HTN	nk_cell	<i>ZFP30</i>	-0.006731834	0.035118839	0.76753695	1
HTN	nk_cell	<i>ZNF165</i>	-0.082503549	0.028682153	0.76753695	1
HTN	nk_cell	<i>ZNF208</i>	-0.006818453	0.01685381	0.76753695	1
HTN	nk_cell	<i>ZNF266</i>	-0.005160216	0.029162417	0.76753695	1
HTN	nk_cell	<i>ZNF30</i>	-0.007981541	0.022404515	0.76753695	1
HTN	nk_cell	<i>ZNF404</i>	-0.017523582	0.038987898	0.76753695	1
HTN	nk_cell	<i>ZNF443</i>	-0.048937417	0.021132535	0.76753695	1
HTN	nk_cell	<i>ZNF470</i>	-0.014758212	0.049756564	0.76753695	1

HTN	nk_cell	<i>ZNF517</i>	-0.028395432	0.02921032	0.76753695	1
HTN	nk_cell	<i>ZNF528</i>	-0.011503165	0.013404407	0.76753695	1
HTN	nk_cell	<i>ZNF559</i>	-0.010716306	0.031297319	0.76753695	1
HTN	nk_cell	<i>ZNF600</i>	-0.006797227	0.040396645	0.76753695	1
HTN	nk_cell	<i>ZNF607</i>	-0.041111548	0.022918289	0.76753695	1
HTN	nk_cell	<i>ZNF709</i>	-0.081377421	0.047575792	0.76753695	1
HTN	nk_cell	<i>ZNF71</i>	-0.021287897	0.01199072	0.76753695	1
HTN	nk_cell	<i>ZNF717</i>	-0.003980707	0.034815142	0.76753695	1
HTN	nk_cell	<i>ZNF750</i>	-0.035742338	0.004604058	0.76753695	1
HTN	nk_cell	<i>ZNF773</i>	-0.026233385	0.028010192	0.76753695	1
HTN	nk_cell	<i>ZNF90</i>	-0.023807385	0.020344204	0.76753695	1
HTN	nk_cell	<i>ZSCAN29</i>	-0.019462853	0.012687023	0.76753695	1
HTN	nk_cell	<i>ZSWIM5</i>	-0.006912752	0.034069088	0.76753695	1
HTN	nk_cell	<i>ACSM2A</i>	0.047715518	0.035970815	0.76753695	1
HTN	nk_cell	<i>SGCA</i>	-0.025416098	0.026724153	0.76753695	1
HTN	nk_cell	<i>TEN1</i>	-0.006985282	0.041002305	0.76753695	1
HTN	nk_cell	<i>KLHDC7A</i>	-0.008757299	0.029014277	0.76753695	1
HTN	nk_cell	<i>MRGPRX2</i>	-0.020306569	0.035177423	0.76753695	1
HTN	nk_cell	<i>AC135178.1</i>	-0.087034818	0.047508156	0.76753695	1
HTN	nk_cell	<i>GPR12</i>	-0.075345777	0.030320038	0.76753695	1
HTN	nk_cell	<i>LGALS9B</i>	-0.006541477	0.016213562	0.76753695	1
HTN	nk_cell	<i>ULBP2</i>	-0.115160014	0.025343208	0.76753695	1
HTN	nk_cell	<i>NPIPA2</i>	-0.006078429	0.027829174	0.76753695	1
HTN	pericyte	<i>ABLM2</i>	-0.007675792	0.037589991	0.330931298	1
HTN	pericyte	<i>AC016773.1</i>	-0.020941097	0.008923749	0.330931298	1
HTN	pericyte	<i>AC093668.2</i>	-0.02496957	0.009441885	0.330931298	1
HTN	pericyte	<i>ACOT7</i>	-0.012191108	0.014460274	0.330931298	1
HTN	pericyte	<i>ACOX2</i>	-0.009822851	0.037005626	0.330931298	1
HTN	pericyte	<i>ACTR5</i>	-0.02154272	0.006985267	0.330931298	1
HTN	pericyte	<i>ACVRL1</i>	-0.013139652	0.016571053	0.330931298	1
HTN	pericyte	<i>ADARB2</i>	-0.038876107	0.009158971	0.330931298	1
HTN	pericyte	<i>ADAT1</i>	-0.011299705	0.03549044	0.330931298	1
HTN	pericyte	<i>ADCK2</i>	-0.024475684	0.005768326	0.330931298	1
HTN	pericyte	<i>ADCYAP1</i>	-0.060974646	0.015809034	0.330931298	1
HTN	pericyte	<i>ADD2</i>	-0.009541081	0.035945163	0.330931298	1
HTN	pericyte	<i>ADII</i>	-0.011578962	0.026028047	0.330931298	1
HTN	pericyte	<i>ADPRH</i>	-0.027016801	0.016915027	0.330931298	1
HTN	pericyte	<i>AGER</i>	-0.01547324	0.048692764	0.331883396	1
HTN	pericyte	<i>AGK</i>	-0.007015197	0.03445493	0.330931298	1
HTN	pericyte	<i>AL021068.1</i>	-0.079230759	0.043875626	0.331883396	1
HTN	pericyte	<i>ALDOA</i>	-0.00653611	0.015184445	0.330931298	1
HTN	pericyte	<i>ALG10</i>	-0.026293926	0.040482154	0.3311337	1
HTN	pericyte	<i>ALGIL2</i>	-0.00942854	0.049601203	0.331883396	1
HTN	pericyte	<i>ALX4</i>	-0.025765538	0.025458406	0.330931298	1
HTN	pericyte	<i>AMACR</i>	-0.061667706	0.025675805	0.330931298	1
HTN	pericyte	<i>AMDHD1</i>	-0.023612776	0.01600359	0.330931298	1
HTN	pericyte	<i>AMT</i>	-0.01833678	0.015569018	0.330931298	1
HTN	pericyte	<i>ANPEP</i>	-0.00618326	0.029288183	0.330931298	1
HTN	pericyte	<i>AP000347.2</i>	-0.029754191	0.011562925	0.330931298	1
HTN	pericyte	<i>AP3S2</i>	-0.013487109	0.035544748	0.330931298	1
HTN	pericyte	<i>APBB1</i>	-0.0126452	0.02269646	0.330931298	1
HTN	pericyte	<i>APOA1</i>	-0.087407565	0.042161783	0.331883396	1

HTN	pericyte	<i>ARHGEF35</i>	-0.100292194	0.024686418	0.330931298	1
HTN	pericyte	<i>ARHGEF5</i>	-0.05748428	0.022823986	0.330931298	1
HTN	pericyte	<i>ARL1</i>	-0.005167393	0.046586416	0.331883396	1
HTN	pericyte	<i>ARL5B</i>	-0.01068736	0.040586426	0.3311337	1
HTN	pericyte	<i>ARMC10</i>	-0.007905355	0.033584214	0.330931298	1
HTN	pericyte	<i>ARV1</i>	-0.013032181	0.037898208	0.330931298	1
HTN	pericyte	<i>ASIC3</i>	-0.111693058	0.032510184	0.330931298	1
HTN	pericyte	<i>ATF6B</i>	0.006005594	0.002125213	0.330931298	1
HTN	pericyte	<i>ATOH8</i>	-0.014175912	0.006074111	0.330931298	1
HTN	pericyte	<i>ATP5H</i>	-0.007192416	0.00278795	0.330931298	1
HTN	pericyte	<i>ATP5O</i>	-0.008978175	0.02826251	0.330931298	1
HTN	pericyte	<i>ATP6V0A2</i>	-0.003421414	0.023803413	0.330931298	1
HTN	pericyte	<i>ATP6V1E1</i>	-0.005738027	0.03467978	0.330931298	1
HTN	pericyte	<i>ATP8B3</i>	-0.021358869	0.035174115	0.330931298	1
HTN	pericyte	<i>B3GALNT2</i>	-0.003314509	0.028695505	0.330931298	1
HTN	pericyte	<i>B4GALNT1</i>	-0.038241668	0.025621996	0.330931298	1
HTN	pericyte	<i>BARX1</i>	-0.065284582	0.047563982	0.331883396	1
HTN	pericyte	<i>BCKDHA</i>	-0.059678067	0.03002497	0.330931298	1
HTN	pericyte	<i>BCL7B</i>	-0.010185198	0.010053542	0.330931298	1
HTN	pericyte	<i>BCR</i>	-0.004313601	0.025601955	0.330931298	1
HTN	pericyte	<i>BDNF</i>	-0.02540118	0.025690909	0.330931298	1
HTN	pericyte	<i>BHLHE22</i>	-0.032679095	0.016782023	0.330931298	1
HTN	pericyte	<i>BLOC1S2</i>	-0.008848176	0.023168798	0.330931298	1
HTN	pericyte	<i>BLVRA</i>	-0.006908679	0.032699698	0.330931298	1
HTN	pericyte	<i>BNIP1</i>	-0.020016046	0.009928033	0.330931298	1
HTN	pericyte	<i>BOD1</i>	-0.016659745	0.008092736	0.330931298	1
HTN	pericyte	<i>BRK1</i>	-0.007056479	0.016474042	0.330931298	1
HTN	pericyte	<i>BROX</i>	-0.009894108	0.002529848	0.330931298	1
HTN	pericyte	<i>BTBD16</i>	-0.027056906	0.043998625	0.331883396	1
HTN	pericyte	<i>BTN3A2</i>	-0.005125471	0.036579767	0.330931298	1
HTN	pericyte	<i>BTNL8</i>	-0.013693565	0.012313091	0.330931298	1
HTN	pericyte	<i>C10orf107</i>	-0.011403051	0.019449354	0.330931298	1
HTN	pericyte	<i>C12orf43</i>	-0.031355117	0.006976782	0.330931298	1
HTN	pericyte	<i>C14orf80</i>	-0.032264348	0.004369312	0.330931298	1
HTN	pericyte	<i>C15orf59</i>	-0.141682333	0.027861762	0.330931298	1
HTN	pericyte	<i>C15orf65</i>	-0.025677919	0.007271827	0.330931298	1
HTN	pericyte	<i>C16orf46</i>	-0.110540374	0.003800734	0.330931298	1
HTN	pericyte	<i>C16orf86</i>	-0.021705414	0.039425433	0.330931298	1
HTN	pericyte	<i>C18orf32</i>	-0.016517143	0.010048727	0.330931298	1
HTN	pericyte	<i>C19orf24</i>	-0.011940964	0.014553831	0.330931298	1
HTN	pericyte	<i>C19orf33</i>	-0.035130797	0.014211935	0.330931298	1
HTN	pericyte	<i>C1QTNF9</i>	-0.058185049	0.015570998	0.330931298	1
HTN	pericyte	<i>C1orf226</i>	-0.043941176	0.025445419	0.330931298	1
HTN	pericyte	<i>C20orf203</i>	-0.054352794	0.036133402	0.330931298	1
HTN	pericyte	<i>C21orf2</i>	-0.023838157	0.020244132	0.330931298	1
HTN	pericyte	<i>C21orf33</i>	-0.0698619	0.038611036	0.330931298	1
HTN	pericyte	<i>C2CD4C</i>	-0.053377111	0.01592497	0.330931298	1
HTN	pericyte	<i>C3orf14</i>	-0.021114958	0.035948429	0.330931298	1
HTN	pericyte	<i>C3orf58</i>	-0.008705352	0.012986941	0.330931298	1
HTN	pericyte	<i>C3orf70</i>	-0.015455207	0.04221309	0.331883396	1
HTN	pericyte	<i>C4A</i>	-0.135425202	0.015569617	0.330931298	1
HTN	pericyte	<i>C6orf201</i>	-0.021157057	0.015491904	0.330931298	1

HTN	pericyte	<i>C9orf24</i>	-0.011730852	0.03598722	0.330931298	1
HTN	pericyte	<i>C9orf43</i>	-0.035702752	0.029933048	0.330931298	1
HTN	pericyte	<i>CACNA1H</i>	-0.010330379	0.010625147	0.330931298	1
HTN	pericyte	<i>CALHM2</i>	-0.015593903	0.014542711	0.330931298	1
HTN	pericyte	<i>CALML6</i>	-0.135048709	0.005496938	0.330931298	1
HTN	pericyte	<i>CAPG</i>	-0.007292286	0.039783373	0.331021888	1
HTN	pericyte	<i>CAPN11</i>	-0.058803948	0.035689936	0.330931298	1
HTN	pericyte	<i>CAPRN2</i>	-0.008749486	0.037362704	0.330931298	1
HTN	pericyte	<i>CARD14</i>	-0.014694316	0.047940997	0.331883396	1
HTN	pericyte	<i>CARD6</i>	-0.009724851	0.037054621	0.330931298	1
HTN	pericyte	<i>CARHSP1</i>	-0.004994643	0.004822462	0.330931298	1
HTN	pericyte	<i>CASC20</i>	-0.018434849	0.012954138	0.330931298	1
HTN	pericyte	<i>CASP9</i>	-0.009238219	0.023078528	0.330931298	1
HTN	pericyte	<i>CBR1</i>	-0.012940993	0.020609772	0.330931298	1
HTN	pericyte	<i>CBWD1</i>	-0.010307042	0.043773928	0.331883396	1
HTN	pericyte	<i>CCDC102A</i>	-0.018009036	0.049270873	0.331883396	1
HTN	pericyte	<i>CCDC127</i>	-0.015036302	0.046894724	0.331883396	1
HTN	pericyte	<i>CCDC137</i>	-0.00797172	0.036739844	0.330931298	1
HTN	pericyte	<i>CCDC158</i>	-0.026547791	0.037040681	0.330931298	1
HTN	pericyte	<i>CCDC180</i>	-0.027552491	0.047590444	0.331883396	1
HTN	pericyte	<i>CCDC68</i>	-0.008743137	0.005717012	0.330931298	1
HTN	pericyte	<i>CCDC74A</i>	-0.18685494	0.023994607	0.330931298	1
HTN	pericyte	<i>CCDC78</i>	-0.108808347	0.007751558	0.330931298	1
HTN	pericyte	<i>CCDC86</i>	-0.014234804	0.045257544	0.331883396	1
HTN	pericyte	<i>CCL14</i>	-0.03522705	0.027205809	0.330931298	1
HTN	pericyte	<i>CCL16</i>	-0.058663865	0.020732571	0.330931298	1
HTN	pericyte	<i>CCL24</i>	-0.145451308	0.005104839	0.330931298	1
HTN	pericyte	<i>CCND1</i>	-0.007833884	0.039726602	0.331021888	1
HTN	pericyte	<i>CD300C</i>	-0.016026568	0.041547907	0.331883396	1
HTN	pericyte	<i>CD3EAP</i>	-0.017509127	0.001118806	0.330931298	1
HTN	pericyte	<i>CD40</i>	-0.013123009	0.002841683	0.330931298	1
HTN	pericyte	<i>CDC25B</i>	-0.014548769	0.016958484	0.330931298	1
HTN	pericyte	<i>CDC7</i>	-0.013549437	0.021154413	0.330931298	1
HTN	pericyte	<i>CDK10</i>	-0.007390506	0.045781047	0.331883396	1
HTN	pericyte	<i>CDK2</i>	-0.027274708	0.026526217	0.330931298	1
HTN	pericyte	<i>CEACAM19</i>	-0.017050114	0.038103149	0.330931298	1
HTN	pericyte	<i>CELF6</i>	-0.060127527	0.029100131	0.330931298	1
HTN	pericyte	<i>CENPA</i>	0.014938795	0.041214553	0.331883396	1
HTN	pericyte	<i>CENPK</i>	-0.014183071	0.024032812	0.330931298	1
HTN	pericyte	<i>CENPM</i>	-0.089135598	0.011201689	0.330931298	1
HTN	pericyte	<i>CEP85</i>	-0.015653084	0.014493175	0.330931298	1
HTN	pericyte	<i>CFHR1</i>	-0.00632199	0.014745119	0.330931298	1
HTN	pericyte	<i>CFHR3</i>	-0.097682555	0.008885544	0.330931298	1
HTN	pericyte	<i>CHAF1B</i>	-0.018763571	0.023824313	0.330931298	1
HTN	pericyte	<i>CHDH</i>	-0.028423888	0.012916037	0.330931298	1
HTN	pericyte	<i>CHI3L2</i>	-0.022133668	0.023975619	0.330931298	1
HTN	pericyte	<i>CHMP2B</i>	-0.010479561	0.012630421	0.330931298	1
HTN	pericyte	<i>CHRFAM7A</i>	-0.135489763	0.016719532	0.330931298	1
HTN	pericyte	<i>CHRNBI</i>	-0.069653686	0.001603106	0.330931298	1
HTN	pericyte	<i>CHURC1</i>	-0.00471464	0.020408132	0.330931298	1
HTN	pericyte	<i>CIAO1</i>	-0.005223927	0.028220158	0.330931298	1
HTN	pericyte	<i>CLDN1</i>	-0.003118719	0.031910284	0.330931298	1

HTN	pericyte	<i>CLGN</i>	-0.093968751	0.049379793	0.331883396	1
HTN	pericyte	<i>CLYBL</i>	-0.003322608	0.022353331	0.330931298	1
HTN	pericyte	<i>CNGA3</i>	-0.119749161	0.02398006	0.330931298	1
HTN	pericyte	<i>CNGA4</i>	-0.06096436	0.011703828	0.330931298	1
HTN	pericyte	<i>CNTLN</i>	-0.002050348	0.012066052	0.330931298	1
HTN	pericyte	<i>COX16</i>	-0.034090646	0.006408172	0.330931298	1
HTN	pericyte	<i>COX6B1</i>	-0.006438714	0.04731055	0.331883396	1
HTN	pericyte	<i>CPEB1</i>	-0.007538419	0.045850594	0.331883396	1
HTN	pericyte	<i>CPLX1</i>	-0.019126253	0.003985393	0.330931298	1
HTN	pericyte	<i>CPS1</i>	-0.01515229	0.044932397	0.331883396	1
HTN	pericyte	<i>CPSF4L</i>	-0.077496112	0.030114516	0.330931298	1
HTN	pericyte	<i>CRELD2</i>	-0.012791742	0.03592847	0.330931298	1
HTN	pericyte	<i>CRYBB3</i>	-0.074460499	0.008094559	0.330931298	1
HTN	pericyte	<i>CRYZ</i>	-0.008772079	0.035053643	0.330931298	1
HTN	pericyte	<i>CSTF1</i>	-0.009074584	0.010185619	0.330931298	1
HTN	pericyte	<i>CTBP1</i>	-0.008874217	0.027677036	0.330931298	1
HTN	pericyte	<i>CTNS</i>	-0.006502655	0.04880728	0.331883396	1
HTN	pericyte	<i>CTU1</i>	-0.012076785	0.046120447	0.331883396	1
HTN	pericyte	<i>CTU2</i>	-0.034099987	0.003503803	0.330931298	1
HTN	pericyte	<i>CYB561D2</i>	-0.009916906	0.037186621	0.330931298	1
HTN	pericyte	<i>CYP11A1</i>	-0.067089652	0.016354533	0.330931298	1
HTN	pericyte	<i>CYP26B1</i>	-0.045656597	0.016042533	0.330931298	1
HTN	pericyte	<i>CYP2C8</i>	-0.144999356	0.018887612	0.330931298	1
HTN	pericyte	<i>CYP4F11</i>	-0.005739569	0.043825767	0.331883396	1
HTN	pericyte	<i>CYP4Z1</i>	-0.03306883	0.025138784	0.330931298	1
HTN	pericyte	<i>DCPS</i>	-0.010052999	0.019602588	0.330931298	1
HTN	pericyte	<i>DCTD</i>	-0.011955208	0.047696965	0.331883396	1
HTN	pericyte	<i>DCTN5</i>	-0.007903446	0.038751576	0.330931298	1
HTN	pericyte	<i>DDRGK1</i>	-0.011774596	0.015773657	0.330931298	1
HTN	pericyte	<i>DDTL</i>	-0.02146584	0.046730521	0.331883396	1
HTN	pericyte	<i>DEFB1</i>	-0.103947183	0.021355962	0.330931298	1
HTN	pericyte	<i>DEFB124</i>	-0.024172034	0.022272019	0.330931298	1
HTN	pericyte	<i>DESII</i>	-0.009587069	0.0373674	0.330931298	1
HTN	pericyte	<i>DHRS1</i>	-0.011569949	0.018574901	0.330931298	1
HTN	pericyte	<i>DHX32</i>	-0.006806499	0.02219174	0.330931298	1
HTN	pericyte	<i>DNAH5</i>	-0.042233959	0.015368443	0.330931298	1
HTN	pericyte	<i>DNASE2</i>	-0.015311309	0.025985833	0.330931298	1
HTN	pericyte	<i>DNLZ</i>	-0.086815501	0.025993358	0.330931298	1
HTN	pericyte	<i>DNPH1</i>	-0.011068931	0.037703541	0.330931298	1
HTN	pericyte	<i>DOK5</i>	-0.014236855	0.014609148	0.330931298	1
HTN	pericyte	<i>DPF1</i>	-0.048393661	0.048222134	0.331883396	1
HTN	pericyte	<i>DPH1</i>	-0.016289008	0.024246778	0.330931298	1
HTN	pericyte	<i>DPP3</i>	-0.017245323	0.02199706	0.330931298	1
HTN	pericyte	<i>DTD2</i>	-0.025114236	0.021161959	0.330931298	1
HTN	pericyte	<i>DUSP15</i>	-0.044190276	0.017857778	0.330931298	1
HTN	pericyte	<i>DYRK3</i>	-0.02352465	0.009552258	0.330931298	1
HTN	pericyte	<i>ECI2</i>	-0.005669146	0.02421012	0.330931298	1
HTN	pericyte	<i>EHD3</i>	-0.033557221	0.034565727	0.330931298	1
HTN	pericyte	<i>EIF4B</i>	-0.007037747	0.020752549	0.330931298	1
HTN	pericyte	<i>ELMOD1</i>	-0.091767105	0.025402011	0.330931298	1
HTN	pericyte	<i>EMC9</i>	-0.014456609	0.045538967	0.331883396	1
HTN	pericyte	<i>EMP2</i>	-0.00454308	0.026231243	0.330931298	1

HTN	pericyte	<i>ENPP4</i>	-0.008502208	0.046675211	0.331883396	1
HTN	pericyte	<i>ENTPD8</i>	-0.095125617	0.047266361	0.331883396	1
HTN	pericyte	<i>EPDR1</i>	-0.011071879	0.006567877	0.330931298	1
HTN	pericyte	<i>EPN3</i>	-0.09961309	0.041728737	0.331883396	1
HTN	pericyte	<i>ERBB2</i>	-0.007972066	0.031878151	0.330931298	1
HTN	pericyte	<i>ERCC3</i>	-0.007298192	0.030421708	0.330931298	1
HTN	pericyte	<i>ESRRB</i>	-0.026601275	0.022086069	0.330931298	1
HTN	pericyte	<i>ESYT1</i>	-0.006422696	0.02516564	0.330931298	1
HTN	pericyte	<i>ESYT3</i>	-0.082661727	0.006605364	0.330931298	1
HTN	pericyte	<i>ETV2</i>	-0.182970911	0.014491743	0.330931298	1
HTN	pericyte	<i>EVA1B</i>	-0.013159224	0.036973515	0.330931298	1
HTN	pericyte	<i>EXOC3</i>	-0.008312552	0.016041989	0.330931298	1
HTN	pericyte	<i>EXOSC10</i>	-0.008685302	0.02234444	0.330931298	1
HTN	pericyte	<i>F2R</i>	-0.01739717	0.007046189	0.330931298	1
HTN	pericyte	<i>FADS1</i>	-0.010115842	0.031952349	0.330931298	1
HTN	pericyte	<i>FAM124A</i>	-0.014577973	0.023974895	0.330931298	1
HTN	pericyte	<i>FAM192A</i>	-0.00447717	0.041810398	0.331883396	1
HTN	pericyte	<i>FAM47E</i>	-0.021066504	0.036353491	0.330931298	1
HTN	pericyte	<i>FAM50B</i>	-0.031535943	0.034395694	0.330931298	1
HTN	pericyte	<i>FAM57A</i>	-0.011567781	0.044550126	0.331883396	1
HTN	pericyte	<i>FAM83F</i>	-0.081234141	0.018292455	0.330931298	1
HTN	pericyte	<i>FAM98C</i>	-0.01620136	0.004714893	0.330931298	1
HTN	pericyte	<i>FANCG</i>	-0.040489203	0.020640865	0.330931298	1
HTN	pericyte	<i>FASTKD1</i>	-0.004909747	0.049701148	0.331883396	1
HTN	pericyte	<i>FBXO39</i>	-0.0842583	0.006444513	0.330931298	1
HTN	pericyte	<i>FBXO44</i>	-0.020555173	0.044721202	0.331883396	1
HTN	pericyte	<i>FBXW10</i>	-0.055590519	0.043024499	0.331883396	1
HTN	pericyte	<i>FECH</i>	-0.011024619	0.031697113	0.330931298	1
HTN	pericyte	<i>FES</i>	-0.009640066	0.027796203	0.330931298	1
HTN	pericyte	<i>FGF14-AS2</i>	-0.073349897	0.006985602	0.330931298	1
HTN	pericyte	<i>FGF14-IT1</i>	-0.085908947	0.016871439	0.330931298	1
HTN	pericyte	<i>FGF20</i>	-0.16890724	0.005795085	0.330931298	1
HTN	pericyte	<i>FGFR2</i>	-0.018296859	0.011129899	0.330931298	1
HTN	pericyte	<i>FKBP7</i>	-0.008100557	0.035926988	0.330931298	1
HTN	pericyte	<i>FNTA</i>	-0.009653433	0.049287754	0.331883396	1
HTN	pericyte	<i>FUZ</i>	-0.022751748	0.027164685	0.330931298	1
HTN	pericyte	<i>FXYP7</i>	-0.024423146	0.035783092	0.330931298	1
HTN	pericyte	<i>GABRA2</i>	-0.035826246	0.034030592	0.330931298	1
HTN	pericyte	<i>GANAB</i>	-0.011681199	0.026053595	0.330931298	1
HTN	pericyte	<i>GARI</i>	-0.01150695	0.028707865	0.330931298	1
HTN	pericyte	<i>GLB1L</i>	-0.012511506	0.032646186	0.330931298	1
HTN	pericyte	<i>GLIPR1L2</i>	-0.01159773	0.045054864	0.331883396	1
HTN	pericyte	<i>GLO1</i>	-0.003714063	0.045489641	0.331883396	1
HTN	pericyte	<i>GLP1R</i>	-0.081942947	0.028460178	0.330931298	1
HTN	pericyte	<i>GMPPB</i>	-0.026594745	0.022146976	0.330931298	1
HTN	pericyte	<i>GMPR</i>	-0.006879752	0.013174161	0.330931298	1
HTN	pericyte	<i>GNPTAB</i>	-0.002131025	0.023469129	0.330931298	1
HTN	pericyte	<i>GNRHR</i>	-0.01253207	0.04643356	0.331883396	1
HTN	pericyte	<i>GOLGA6L10</i>	-0.048129033	0.03413593	0.330931298	1
HTN	pericyte	<i>GOLGA8H</i>	-0.021412647	0.049112772	0.331883396	1
HTN	pericyte	<i>GOLGA8N</i>	-0.026700901	0.039485736	0.330931298	1
HTN	pericyte	<i>GORAB</i>	-0.00954401	0.0448645	0.331883396	1

HTN	pericyte	<i>GP6</i>	-0.0193087	0.035594271	0.330931298	1
HTN	pericyte	<i>GPAT2</i>	-0.044569569	0.020958597	0.330931298	1
HTN	pericyte	<i>GPATCH3</i>	-0.014324571	0.018820246	0.330931298	1
HTN	pericyte	<i>GPN3</i>	-0.007027467	0.039936627	0.331021888	1
HTN	pericyte	<i>GPR160</i>	-0.010297506	0.031865864	0.330931298	1
HTN	pericyte	<i>GPR52</i>	-0.081369605	0.022709913	0.330931298	1
HTN	pericyte	<i>GPRIN1</i>	-0.105804938	0.026839696	0.330931298	1
HTN	pericyte	<i>GRIN3A</i>	-0.055166454	0.012776985	0.330931298	1
HTN	pericyte	<i>GRIN3B</i>	-0.060676978	0.014037159	0.330931298	1
HTN	pericyte	<i>GSDMD</i>	-0.008733929	0.014218191	0.330931298	1
HTN	pericyte	<i>GSTM5</i>	-0.010982047	0.046333544	0.331883396	1
HTN	pericyte	<i>GTF2H2</i>	-0.014683276	0.027140903	0.330931298	1
HTN	pericyte	<i>GUCA1B</i>	-0.015518135	0.035393086	0.330931298	1
HTN	pericyte	<i>GXYLT1</i>	-0.005494416	0.021259328	0.330931298	1
HTN	pericyte	<i>HAGHL</i>	-0.042028548	0.007214751	0.330931298	1
HTN	pericyte	<i>HDCC2</i>	-0.007483401	0.039972944	0.331021888	1
HTN	pericyte	<i>HDCC3</i>	-0.012278593	0.039307673	0.330931298	1
HTN	pericyte	<i>HHIPL1</i>	-0.020043025	0.003850372	0.330931298	1
HTN	pericyte	<i>HLA-G</i>	-0.02351382	0.042098474	0.331883396	1
HTN	pericyte	<i>HMGB2</i>	-0.01208387	0.020837704	0.330931298	1
HTN	pericyte	<i>HOXD1</i>	-0.092638958	0.022239052	0.330931298	1
HTN	pericyte	<i>HPS1</i>	-0.008713839	0.030943562	0.330931298	1
HTN	pericyte	<i>HSD17B13</i>	-0.073838993	0.009360345	0.330931298	1
HTN	pericyte	<i>HSD17B3</i>	-0.022572559	0.00476671	0.330931298	1
HTN	pericyte	<i>HSD17B8</i>	-0.045744932	0.014626193	0.330931298	1
HTN	pericyte	<i>ICMT</i>	-0.024271958	0.011379757	0.330931298	1
HTN	pericyte	<i>IDO2</i>	-0.023164285	0.036739423	0.330931298	1
HTN	pericyte	<i>IFI27L1</i>	-0.011072427	0.020342549	0.330931298	1
HTN	pericyte	<i>IFI27L2</i>	-0.018281804	0.010454495	0.330931298	1
HTN	pericyte	<i>IFIT5</i>	-0.015908566	0.022836442	0.330931298	1
HTN	pericyte	<i>IFITM1</i>	-0.073674045	0.000442975	0.330931298	1
HTN	pericyte	<i>IFT140</i>	-0.007368928	0.01673855	0.330931298	1
HTN	pericyte	<i>IGFBP2</i>	-0.01172399	0.01009092	0.330931298	1
HTN	pericyte	<i>IGFLR1</i>	-0.062435338	0.011901352	0.330931298	1
HTN	pericyte	<i>IKZF2</i>	-0.006133302	0.047960269	0.331883396	1
HTN	pericyte	<i>IL17RC</i>	-0.026645912	0.004283107	0.330931298	1
HTN	pericyte	<i>INHBB</i>	-0.038759103	0.027377428	0.330931298	1
HTN	pericyte	<i>IP6K3</i>	-0.038040419	0.016184983	0.330931298	1
HTN	pericyte	<i>IRF3</i>	-0.005814264	0.030325814	0.330931298	1
HTN	pericyte	<i>ITGAD</i>	-0.015001544	0.047794829	0.331883396	1
HTN	pericyte	<i>ITGB3</i>	-0.060757633	0.00957152	0.330931298	1
HTN	pericyte	<i>ITPRIPL1</i>	-0.027134858	0.03027295	0.330931298	1
HTN	pericyte	<i>IZUMO1</i>	-0.107569158	0.033869655	0.330931298	1
HTN	pericyte	<i>KCNN2</i>	-0.067731473	0.006334317	0.330931298	1
HTN	pericyte	<i>KCTD10</i>	-0.012998934	0.013891995	0.330931298	1
HTN	pericyte	<i>KDM8</i>	-0.025191561	0.018951574	0.330931298	1
HTN	pericyte	<i>KIAA0040</i>	-0.004915812	0.04719531	0.331883396	1
HTN	pericyte	<i>KIF20A</i>	-0.119883614	0.038102269	0.330931298	1
HTN	pericyte	<i>KIF3A</i>	-0.008176245	0.042058741	0.331883396	1
HTN	pericyte	<i>KRII</i>	-0.010564721	0.01935548	0.330931298	1
HTN	pericyte	<i>L1TD1</i>	-0.17448581	0.0020295	0.330931298	1
HTN	pericyte	<i>LAMC3</i>	-0.006857701	0.033982696	0.330931298	1

HTN	pericyte	<i>LARP6</i>	-0.014259167	0.034334533	0.330931298	1
HTN	pericyte	<i>LCNLI</i>	-0.10539942	0.034729916	0.330931298	1
HTN	pericyte	<i>LGALS4</i>	-0.038147118	0.002347101	0.330931298	1
HTN	pericyte	<i>LIN37</i>	-0.034439427	0.029249734	0.330931298	1
HTN	pericyte	<i>LINC00314</i>	-0.056188138	0.025430915	0.330931298	1
HTN	pericyte	<i>LINC00342</i>	-0.012437771	0.003869301	0.330931298	1
HTN	pericyte	<i>LINC00487</i>	-0.111359133	0.03185638	0.330931298	1
HTN	pericyte	<i>LINC00545</i>	-0.011156511	0.012417542	0.330931298	1
HTN	pericyte	<i>LINC00571</i>	-0.013568223	0.033492599	0.330931298	1
HTN	pericyte	<i>LINC00578</i>	-0.028393995	0.037386537	0.330931298	1
HTN	pericyte	<i>LINC00654</i>	-0.094237736	0.045198449	0.331883396	1
HTN	pericyte	<i>LINC00663</i>	-0.014079593	0.046726451	0.331883396	1
HTN	pericyte	<i>LINC00664</i>	-0.067458555	0.008551823	0.330931298	1
HTN	pericyte	<i>LINC00665</i>	-0.006565522	0.041313497	0.331883396	1
HTN	pericyte	<i>LINC00672</i>	-0.044947266	0.01128899	0.330931298	1
HTN	pericyte	<i>LINC00694</i>	-0.077224438	0.03948856	0.330931298	1
HTN	pericyte	<i>LINC00702</i>	-0.007395108	0.029100483	0.330931298	1
HTN	pericyte	<i>LINC00886</i>	-0.009365481	0.029264569	0.330931298	1
HTN	pericyte	<i>LINC00939</i>	-0.033477394	0.038247902	0.330931298	1
HTN	pericyte	<i>LINC00941</i>	-0.134835716	0.001256517	0.330931298	1
HTN	pericyte	<i>LINC00960</i>	-0.060856516	0.049801209	0.331883396	1
HTN	pericyte	<i>LINC01106</i>	-0.010973819	0.01969534	0.330931298	1
HTN	pericyte	<i>LINC01166</i>	-0.140392928	0.036787056	0.330931298	1
HTN	pericyte	<i>LMAN2L</i>	-0.008668244	0.026608814	0.330931298	1
HTN	pericyte	<i>LMBRD2</i>	-0.007782375	0.002147359	0.330931298	1
HTN	pericyte	<i>LPAR2</i>	-0.018893785	0.003313897	0.330931298	1
HTN	pericyte	<i>LRCH4</i>	-0.014233918	0.048744259	0.331883396	1
HTN	pericyte	<i>LRIT3</i>	-0.049298603	0.01694663	0.330931298	1
HTN	pericyte	<i>LRRC45</i>	-0.037044039	0.022701742	0.330931298	1
HTN	pericyte	<i>LRRC58</i>	-0.00788734	0.047393631	0.331883396	1
HTN	pericyte	<i>LRRCC1</i>	-0.012144107	0.021533469	0.330931298	1
HTN	pericyte	<i>LRWD1</i>	-0.054939207	0.015216361	0.330931298	1
HTN	pericyte	<i>LSM6</i>	-0.007991978	0.047712833	0.331883396	1
HTN	pericyte	<i>LSMEM1</i>	-0.029231978	0.009215506	0.330931298	1
HTN	pericyte	<i>LSR</i>	-0.008953477	0.026935967	0.330931298	1
HTN	pericyte	<i>LUZP2</i>	-0.041283553	0.001122401	0.330931298	1
HTN	pericyte	<i>LY6H</i>	-0.066346295	0.017496898	0.330931298	1
HTN	pericyte	<i>LYPD5</i>	-0.031205032	0.045843168	0.331883396	1
HTN	pericyte	<i>MAP2K1</i>	-0.003170022	0.023316198	0.330931298	1
HTN	pericyte	<i>MAP3K10</i>	-0.01386199	0.028388591	0.330931298	1
HTN	pericyte	<i>MAPK8IP1</i>	-0.047563945	0.045653893	0.331883396	1
HTN	pericyte	<i>Mar-02</i>	-0.010777763	0.007591623	0.330931298	1
HTN	pericyte	<i>METTL18</i>	-0.024528808	0.010104499	0.330931298	1
HTN	pericyte	<i>MFAP2</i>	-0.149062736	0.002948856	0.330931298	1
HTN	pericyte	<i>MFSD5</i>	-0.022839175	0.049796658	0.331883396	1
HTN	pericyte	<i>MGAT5B</i>	-0.049394242	0.011052086	0.330931298	1
HTN	pericyte	<i>MIA3</i>	-0.00481648	0.00698556	0.330931298	1
HTN	pericyte	<i>MLF2</i>	-0.009191531	0.047359964	0.331883396	1
HTN	pericyte	<i>MOCOS</i>	-0.031829693	0.018676502	0.330931298	1
HTN	pericyte	<i>MOK</i>	-0.008170184	0.04143375	0.331883396	1
HTN	pericyte	<i>MROH8</i>	-0.010467393	0.025520775	0.330931298	1
HTN	pericyte	<i>MRPL21</i>	-0.008846844	0.029858585	0.330931298	1

HTN	pericyte	<i>MRPL33</i>	-0.007231446	0.024980907	0.330931298	1
HTN	pericyte	<i>MRPL34</i>	-0.012301461	0.043241074	0.331883396	1
HTN	pericyte	<i>MRPL48</i>	-0.0127587	0.03061077	0.330931298	1
HTN	pericyte	<i>MRPS15</i>	-0.01427011	0.017901334	0.330931298	1
HTN	pericyte	<i>MRPS7</i>	-0.008725647	0.016073847	0.330931298	1
HTN	pericyte	<i>MSANTD4</i>	-0.013447106	0.047779767	0.331883396	1
HTN	pericyte	<i>MSI1</i>	-0.055051741	0.033419048	0.330931298	1
HTN	pericyte	<i>MT1M</i>	-0.019916879	0.014287921	0.330931298	1
HTN	pericyte	<i>MTFR1L</i>	-0.014195264	0.002796372	0.330931298	1
HTN	pericyte	<i>MTHFSD</i>	-0.007937806	0.040359955	0.331037502	1
HTN	pericyte	<i>MTMR11</i>	-0.020866573	0.015050677	0.330931298	1
HTN	pericyte	<i>MXRA7</i>	-0.015543087	0.032666959	0.330931298	1
HTN	pericyte	<i>MYL5</i>	-0.023944296	0.013241239	0.330931298	1
HTN	pericyte	<i>MYO10</i>	-0.003393274	0.028093213	0.330931298	1
HTN	pericyte	<i>MYO15B</i>	-0.005915405	0.009231715	0.330931298	1
HTN	pericyte	<i>MYOM2</i>	-0.021858015	0.027923015	0.330931298	1
HTN	pericyte	<i>MZT2A</i>	-0.008037842	0.030480092	0.330931298	1
HTN	pericyte	<i>NAALADL1</i>	-0.025529148	0.007584091	0.330931298	1
HTN	pericyte	<i>NAGLU</i>	-0.010809264	0.010665691	0.330931298	1
HTN	pericyte	<i>NAPIL5</i>	-0.024915083	0.022997023	0.330931298	1
HTN	pericyte	<i>NARFL</i>	-0.011139703	0.014366309	0.330931298	1
HTN	pericyte	<i>NBPF3</i>	-0.015609485	0.001826572	0.330931298	1
HTN	pericyte	<i>NDUFA10</i>	-0.00415282	0.043743182	0.331883396	1
HTN	pericyte	<i>NDUFA3</i>	-0.005818886	0.038589414	0.330931298	1
HTN	pericyte	<i>NDUFAF4</i>	-0.007415487	0.046161738	0.331883396	1
HTN	pericyte	<i>NDUFS5</i>	-0.007215186	0.022458714	0.330931298	1
HTN	pericyte	<i>NEK5</i>	-0.008314851	0.038777625	0.330931298	1
HTN	pericyte	<i>NEU4</i>	-0.108726594	0.006253229	0.330931298	1
HTN	pericyte	<i>NFKB1B</i>	-0.030617715	0.00121938	0.330931298	1
HTN	pericyte	<i>NIPSNAP1</i>	-0.014307474	0.045161232	0.331883396	1
HTN	pericyte	<i>NIPSNAP3A</i>	-0.013902175	0.022095682	0.330931298	1
HTN	pericyte	<i>NKD2</i>	-0.140341635	0.046550226	0.331883396	1
HTN	pericyte	<i>NMB</i>	-0.014184984	0.008642232	0.330931298	1
HTN	pericyte	<i>NME1-NME2</i>	-0.104216119	0.036507127	0.330931298	1
HTN	pericyte	<i>NME7</i>	-0.003843266	0.032609975	0.330931298	1
HTN	pericyte	<i>NMUR1</i>	-0.019355028	0.013886526	0.330931298	1
HTN	pericyte	<i>NOL10</i>	-0.003898893	0.032908329	0.330931298	1
HTN	pericyte	<i>NOL11</i>	-0.010605967	0.015085244	0.330931298	1
HTN	pericyte	<i>NOXRED1</i>	-0.037308177	0.025614442	0.330931298	1
HTN	pericyte	<i>NPEPL1</i>	-0.014366346	0.045546026	0.331883396	1
HTN	pericyte	<i>NPIPA1</i>	-0.014415085	0.014688807	0.330931298	1
HTN	pericyte	<i>NPIPB4</i>	-0.014985518	0.013655833	0.330931298	1
HTN	pericyte	<i>NPIPB9</i>	-0.127730968	0.028206666	0.330931298	1
HTN	pericyte	<i>NT5M</i>	-0.013254519	0.034422719	0.330931298	1
HTN	pericyte	<i>NUP35</i>	-0.010289933	0.029357557	0.330931298	1
HTN	pericyte	<i>NUTM2A</i>	-0.152488541	0.014439629	0.330931298	1
HTN	pericyte	<i>NUTM2B</i>	-0.007469671	0.026171785	0.330931298	1
HTN	pericyte	<i>NXNL1</i>	-0.076014429	0.019584995	0.330931298	1
HTN	pericyte	<i>OPN1SW</i>	-0.022605341	0.008917323	0.330931298	1
HTN	pericyte	<i>OR2A42</i>	-0.098847339	0.016275456	0.330931298	1
HTN	pericyte	<i>ORA13</i>	-0.01914755	0.037786972	0.330931298	1
HTN	pericyte	<i>OSBPL5</i>	-0.005526649	0.014939297	0.330931298	1

HTN	pericyte	<i>OSM</i>	-0.127539803	0.008261745	0.330931298	1
HTN	pericyte	<i>OTOGL</i>	-0.022499993	0.04972432	0.331883396	1
HTN	pericyte	<i>P2RY11</i>	-0.032616604	0.014161942	0.330931298	1
HTN	pericyte	<i>P4HTM</i>	-0.007547248	0.041172197	0.331883396	1
HTN	pericyte	<i>PAFAH2</i>	-0.01044474	0.025474524	0.330931298	1
HTN	pericyte	<i>PAK4</i>	-0.010824163	0.028347039	0.330931298	1
HTN	pericyte	<i>PAQR8</i>	-0.019054932	0.035776292	0.330931298	1
HTN	pericyte	<i>PASK</i>	-0.024241265	0.044240592	0.331883396	1
HTN	pericyte	<i>PCDHB2</i>	-0.068813931	0.008786974	0.330931298	1
HTN	pericyte	<i>PCDHGA1</i>	-0.027713525	0.015182362	0.330931298	1
HTN	pericyte	<i>PCDHGA6</i>	-0.031621918	0.004379818	0.330931298	1
HTN	pericyte	<i>PCSK2</i>	-0.104416181	0.044232785	0.331883396	1
HTN	pericyte	<i>PDCD11</i>	-0.008842594	0.04379465	0.331883396	1
HTN	pericyte	<i>PDCD5</i>	-0.011374312	0.034061961	0.330931298	1
HTN	pericyte	<i>PDE11A</i>	-0.053256834	0.049507868	0.331883396	1
HTN	pericyte	<i>PDF</i>	-0.123008089	0.033952569	0.330931298	1
HTN	pericyte	<i>PENK</i>	-0.123463258	0.029255326	0.330931298	1
HTN	pericyte	<i>PEX6</i>	-0.006823994	0.032247384	0.330931298	1
HTN	pericyte	<i>PFN4</i>	-0.012067636	0.046995528	0.331883396	1
HTN	pericyte	<i>PHOSPHO2</i>	-0.024584209	0.035460407	0.330931298	1
HTN	pericyte	<i>PITHD1</i>	-0.012145088	0.019672501	0.330931298	1
HTN	pericyte	<i>PLA1A</i>	-0.039528946	0.008285679	0.330931298	1
HTN	pericyte	<i>PLAC9</i>	-0.006352344	0.043325446	0.331883396	1
HTN	pericyte	<i>PLBD2</i>	-0.012669099	0.014538452	0.330931298	1
HTN	pericyte	<i>PLGRKT</i>	-0.005741721	0.030730216	0.330931298	1
HTN	pericyte	<i>PLLP</i>	-0.013511367	0.024547688	0.330931298	1
HTN	pericyte	<i>PNMT</i>	-0.098891951	0.003886388	0.330931298	1
HTN	pericyte	<i>PNPO</i>	-0.027947917	0.036737594	0.330931298	1
HTN	pericyte	<i>POLE3</i>	-0.011832995	0.007032782	0.330931298	1
HTN	pericyte	<i>POLR3H</i>	-0.008751324	0.015490143	0.330931298	1
HTN	pericyte	<i>POMGNT1</i>	-0.011948093	0.041210066	0.331883396	1
HTN	pericyte	<i>POMZP3</i>	-0.014184661	0.024883092	0.330931298	1
HTN	pericyte	<i>POU2F3</i>	-0.035378677	0.035434019	0.330931298	1
HTN	pericyte	<i>POU5F1</i>	-0.058142114	0.004163287	0.330931298	1
HTN	pericyte	<i>PPEF2</i>	-0.109493995	0.046460101	0.331883396	1
HTN	pericyte	<i>PPP3R1</i>	-0.010508279	0.029491745	0.330931298	1
HTN	pericyte	<i>PRDM5</i>	-0.003974305	0.049753526	0.331883396	1
HTN	pericyte	<i>PRDM6</i>	-0.00915188	0.035803789	0.330931298	1
HTN	pericyte	<i>PRKCSH</i>	-0.028227171	0.000658777	0.330931298	1
HTN	pericyte	<i>PRKG2</i>	-0.005996381	0.025555773	0.330931298	1
HTN	pericyte	<i>PROZ</i>	-0.057138592	0.003102862	0.330931298	1
HTN	pericyte	<i>PRPF4</i>	-0.014836611	0.022066712	0.330931298	1
HTN	pericyte	<i>PRPH2</i>	-0.009468147	0.028291683	0.330931298	1
HTN	pericyte	<i>PRSS12</i>	-0.010729256	0.044667342	0.331883396	1
HTN	pericyte	<i>PRSS16</i>	-0.035477352	0.030605719	0.330931298	1
HTN	pericyte	<i>PSMD2</i>	-0.008741022	0.040097786	0.331021888	1
HTN	pericyte	<i>PSMG1</i>	-0.010930736	0.031718757	0.330931298	1
HTN	pericyte	<i>PTER</i>	-0.007724125	0.03777679	0.330931298	1
HTN	pericyte	<i>PTPN5</i>	-0.064882703	0.036874824	0.330931298	1
HTN	pericyte	<i>PVRIG</i>	-0.021864951	0.007633575	0.330931298	1
HTN	pericyte	<i>PYCARD</i>	-0.008482951	0.018967764	0.330931298	1
HTN	pericyte	<i>PYURF</i>	-0.016657786	0.016521806	0.330931298	1

HTN	pericyte	<i>RAB2A</i>	-0.001778146	0.031123652	0.330931298	1
HTN	pericyte	<i>RASEF</i>	-0.040011498	0.039339143	0.330931298	1
HTN	pericyte	<i>RASGRF1</i>	-0.018042573	0.031224326	0.330931298	1
HTN	pericyte	<i>RBFA</i>	-0.017203343	0.001564153	0.330931298	1
HTN	pericyte	<i>RCVRN</i>	-0.117483524	0.033757006	0.330931298	1
HTN	pericyte	<i>RET</i>	-0.016282509	0.022360472	0.330931298	1
HTN	pericyte	<i>RFPL3S</i>	-0.04062722	0.014425774	0.330931298	1
HTN	pericyte	<i>RGCC</i>	-0.004513835	0.006451853	0.330931298	1
HTN	pericyte	<i>RGPI</i>	-0.009319172	0.024627723	0.330931298	1
HTN	pericyte	<i>RGPD8</i>	-0.022457576	0.021678079	0.330931298	1
HTN	pericyte	<i>RGS11</i>	-0.018147977	0.042222672	0.331883396	1
HTN	pericyte	<i>RHBDL1</i>	-0.021257941	0.004047706	0.330931298	1
HTN	pericyte	<i>RHNO1</i>	-0.03788507	0.038326569	0.330931298	1
HTN	pericyte	<i>RNF40</i>	-0.012561961	0.046430876	0.331883396	1
HTN	pericyte	<i>RNF44</i>	-0.020484549	0.0038814	0.330931298	1
HTN	pericyte	<i>RNU6ATAC35P</i>	-0.101908977	0.024404256	0.330931298	1
HTN	pericyte	<i>ROM1</i>	-0.035632316	0.00710226	0.330931298	1
HTN	pericyte	<i>RPL12</i>	-0.003295254	0.031614664	0.330931298	1
HTN	pericyte	<i>RPL28</i>	-0.002049464	0.031539193	0.330931298	1
HTN	pericyte	<i>RPL3L</i>	-0.108547169	0.020400777	0.330931298	1
HTN	pericyte	<i>RPP25</i>	-0.044710043	0.04410082	0.331883396	1
HTN	pericyte	<i>RPUSD3</i>	-0.01069307	0.047027793	0.331883396	1
HTN	pericyte	<i>RSPH4A</i>	-0.048307278	0.04318568	0.331883396	1
HTN	pericyte	<i>RSPO4</i>	-0.028395181	0.041124199	0.331883396	1
HTN	pericyte	<i>RUVBL2</i>	-0.030393229	0.001172934	0.330931298	1
HTN	pericyte	<i>SIPR2</i>	-0.069297313	0.040322124	0.331037502	1
HTN	pericyte	<i>SAAL1</i>	-0.008144042	0.007769411	0.330931298	1
HTN	pericyte	<i>SAE1</i>	-0.00627244	0.023081393	0.330931298	1
HTN	pericyte	<i>SAMD11</i>	-0.013499034	0.040214938	0.331021888	1
HTN	pericyte	<i>SAMD12</i>	-0.002642816	0.029345639	0.330931298	1
HTN	pericyte	<i>SAMD13</i>	-0.013015744	0.035486775	0.330931298	1
HTN	pericyte	<i>SCGN</i>	-0.092612035	0.011077466	0.330931298	1
HTN	pericyte	<i>SCIN</i>	-0.009247453	0.047312714	0.331883396	1
HTN	pericyte	<i>SCN11A</i>	-0.032662291	0.028901553	0.330931298	1
HTN	pericyte	<i>SCUBE2</i>	-0.016588604	0.038379792	0.330931298	1
HTN	pericyte	<i>SDSL</i>	-0.014141752	0.038175709	0.330931298	1
HTN	pericyte	<i>SEC14L6</i>	-0.039350578	0.008991604	0.330931298	1
HTN	pericyte	<i>SEC61G</i>	-0.012114486	0.019493629	0.330931298	1
HTN	pericyte	<i>SEMA3E</i>	-0.014459385	0.027318922	0.330931298	1
HTN	pericyte	<i>SEMA3F</i>	-0.019416655	0.023194391	0.330931298	1
HTN	pericyte	<i>SEMA6C</i>	-0.024992917	0.00745921	0.330931298	1
HTN	pericyte	<i>SERF1A</i>	-0.056928525	0.006587322	0.330931298	1
HTN	pericyte	<i>SERF1B</i>	-0.119745111	0.028350048	0.330931298	1
HTN	pericyte	<i>SERINC2</i>	-0.083134583	0.020217235	0.330931298	1
HTN	pericyte	<i>SERPINC1</i>	-0.041226377	0.046766549	0.331883396	1
HTN	pericyte	<i>SH3TC2</i>	-0.023063838	0.020257341	0.330931298	1
HTN	pericyte	<i>SHPK</i>	-0.019847849	0.035282643	0.330931298	1
HTN	pericyte	<i>SIM2</i>	-0.073047092	0.001344345	0.330931298	1
HTN	pericyte	<i>SKOR1</i>	-0.092777136	0.009320898	0.330931298	1
HTN	pericyte	<i>SLC14A1</i>	-0.020503069	0.033825664	0.330931298	1
HTN	pericyte	<i>SLC1A7</i>	-0.031076754	0.043920351	0.331883396	1
HTN	pericyte	<i>SLC22A1</i>	-0.03859555	0.024796846	0.330931298	1

HTN	pericyte	<i>SLC25A21-AS1</i>	-0.023351631	0.007531904	0.330931298	1
HTN	pericyte	<i>SLC25A41</i>	-0.072547767	0.02593174	0.330931298	1
HTN	pericyte	<i>SLC26A5</i>	-0.004548023	0.007635127	0.330931298	1
HTN	pericyte	<i>SLC2A11</i>	-0.016150015	0.021668631	0.330931298	1
HTN	pericyte	<i>SLC2A14</i>	-0.029569678	0.031564596	0.330931298	1
HTN	pericyte	<i>SLC30A4</i>	-0.017187852	0.001411419	0.330931298	1
HTN	pericyte	<i>SLC34A2</i>	-0.087764428	0.044746908	0.331883396	1
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HTN	pericyte	<i>SLC7A9</i>	-0.025445465	0.037112128	0.330931298	1
HTN	pericyte	<i>SLC9A3</i>	-0.063921646	0.006561252	0.330931298	1
HTN	pericyte	<i>SMG8</i>	-0.035875528	0.014993126	0.330931298	1
HTN	pericyte	<i>SMIM6</i>	-0.10509097	0.035278102	0.330931298	1
HTN	pericyte	<i>SMYD5</i>	-0.011992438	0.037957718	0.330931298	1
HTN	pericyte	<i>SNAP29</i>	-0.00674786	0.039700942	0.331021888	1
HTN	pericyte	<i>SNRNP25</i>	-0.020068465	0.035143137	0.330931298	1
HTN	pericyte	<i>SNX15</i>	-0.085984384	0.033799594	0.330931298	1
HTN	pericyte	<i>SOX7</i>	-0.022015688	0.012573429	0.330931298	1
HTN	pericyte	<i>SPATA5L1</i>	-0.011646854	0.020131371	0.330931298	1
HTN	pericyte	<i>SPATC1L</i>	-0.025039227	0.025717193	0.330931298	1
HTN	pericyte	<i>SPDL1</i>	-0.024887195	0.023799261	0.330931298	1
HTN	pericyte	<i>SPDYE6</i>	-0.087945485	0.0060982	0.330931298	1
HTN	pericyte	<i>SPP1</i>	-0.023584901	0.010729883	0.330931298	1
HTN	pericyte	<i>SPRR2F</i>	-0.126688537	0.014323324	0.330931298	1
HTN	pericyte	<i>SPTSSB</i>	-0.055816755	0.0334382	0.330931298	1
HTN	pericyte	<i>SQLE</i>	-0.013694605	0.020848335	0.330931298	1
HTN	pericyte	<i>SRD5A3</i>	-0.01467779	0.042543136	0.331883396	1
HTN	pericyte	<i>SRR</i>	-0.012260568	0.020044301	0.330931298	1
HTN	pericyte	<i>ST20</i>	-0.019738869	0.027272774	0.330931298	1
HTN	pericyte	<i>STEAP3</i>	-0.012661361	0.01282612	0.330931298	1
HTN	pericyte	<i>STK31</i>	-0.029707758	0.019260721	0.330931298	1
HTN	pericyte	<i>STON1-GTF2A1L</i>	-0.016467218	0.021931595	0.330931298	1
HTN	pericyte	<i>STRIP1</i>	-0.008973493	0.011530123	0.330931298	1
HTN	pericyte	<i>SUPT20H</i>	-0.003946375	0.047266614	0.331883396	1
HTN	pericyte	<i>SUPT4H1</i>	-0.010971481	0.005154586	0.330931298	1
HTN	pericyte	<i>SYCE1L</i>	-0.021952849	0.024264538	0.330931298	1
HTN	pericyte	<i>SYNC</i>	-0.006788231	0.023623014	0.330931298	1
HTN	pericyte	<i>TACR2</i>	-0.157535662	0.00305147	0.330931298	1
HTN	pericyte	<i>TAF6</i>	-0.015948407	0.040552925	0.3311337	1
HTN	pericyte	<i>TARS2</i>	-0.010165344	0.011689748	0.330931298	1
HTN	pericyte	<i>TAS2R10</i>	-0.124354548	0.045948683	0.331883396	1
HTN	pericyte	<i>TCP11</i>	-0.117722103	0.049410282	0.331883396	1
HTN	pericyte	<i>TCTEX1D1</i>	-0.023237999	0.014715704	0.330931298	1
HTN	pericyte	<i>TCTN2</i>	-0.011007065	0.037905892	0.330931298	1
HTN	pericyte	<i>TDGF1</i>	-0.107831541	0.015517181	0.330931298	1
HTN	pericyte	<i>TDRD6</i>	-0.025806971	0.035295935	0.330931298	1
HTN	pericyte	<i>TEPP</i>	-0.086428329	0.004243496	0.330931298	1
HTN	pericyte	<i>TEX26</i>	-0.093996583	0.039149684	0.330931298	1
HTN	pericyte	<i>TIAF1</i>	-0.025177282	0.04276254	0.331883396	1
HTN	pericyte	<i>TIMP4</i>	-0.013616039	0.006917654	0.330931298	1
HTN	pericyte	<i>TLCD1</i>	-0.069420633	0.006202301	0.330931298	1
HTN	pericyte	<i>TMED6</i>	-0.098765894	0.00875621	0.330931298	1
HTN	pericyte	<i>TMED9</i>	-0.008444627	0.039257983	0.330931298	1

HTN	pericyte	<i>TMEM11</i>	-0.008107592	0.038666967	0.330931298	1
HTN	pericyte	<i>TMEM133</i>	-0.143308556	0.025737454	0.330931298	1
HTN	pericyte	<i>TMEM150C</i>	-0.008526156	0.018634109	0.330931298	1
HTN	pericyte	<i>TMEM158</i>	-0.064404363	0.00869375	0.330931298	1
HTN	pericyte	<i>TMEM169</i>	-0.019105507	0.048000131	0.331883396	1
HTN	pericyte	<i>TMEM199</i>	-0.035625995	0.017611944	0.330931298	1
HTN	pericyte	<i>TMEM230</i>	-0.007311762	0.007789632	0.330931298	1
HTN	pericyte	<i>TMEM63C</i>	-0.075634101	0.044906884	0.331883396	1
HTN	pericyte	<i>TMEM81</i>	-0.090964357	0.039100214	0.330931298	1
HTN	pericyte	<i>TMEM8A</i>	-0.018009987	0.026303744	0.330931298	1
HTN	pericyte	<i>TMEM91</i>	-0.016729317	0.030188881	0.330931298	1
HTN	pericyte	<i>TMEM97</i>	-0.03085344	0.046737009	0.331883396	1
HTN	pericyte	<i>TMX1</i>	-0.009114224	0.003720207	0.330931298	1
HTN	pericyte	<i>TMX2</i>	-0.017439142	0.048367689	0.331883396	1
HTN	pericyte	<i>TOP3B</i>	-0.010602466	0.048234577	0.331883396	1
HTN	pericyte	<i>TPRA1</i>	-0.010079891	0.013957897	0.330931298	1
HTN	pericyte	<i>TPSD1</i>	-0.006472944	0.043455728	0.331883396	1
HTN	pericyte	<i>TRABD</i>	-0.007305259	0.03997494	0.331021888	1
HTN	pericyte	<i>TRAPPC4</i>	0.006606489	0.040041299	0.331021888	1
HTN	pericyte	<i>TRIM2</i>	-0.006208354	0.045761679	0.331883396	1
HTN	pericyte	<i>TRIM69</i>	-0.012027817	0.013823514	0.330931298	1
HTN	pericyte	<i>TRMT12</i>	-0.039311656	0.020145013	0.330931298	1
HTN	pericyte	<i>TRPC3</i>	-0.026319722	0.009000538	0.330931298	1
HTN	pericyte	<i>TSNARE1</i>	-0.008475405	0.045614512	0.331883396	1
HTN	pericyte	<i>TSPYL5</i>	-0.012984339	0.034723966	0.330931298	1
HTN	pericyte	<i>TTC12</i>	-0.008397837	0.020603303	0.330931298	1
HTN	pericyte	<i>TTC38</i>	-0.004972017	0.028761736	0.330931298	1
HTN	pericyte	<i>TTC7B</i>	-0.002640009	0.041977399	0.331883396	1
HTN	pericyte	<i>TUBG2</i>	-0.011285927	0.048586051	0.331883396	1
HTN	pericyte	<i>TULP1</i>	-0.083492224	0.016678188	0.330931298	1
HTN	pericyte	<i>TULP2</i>	-0.034793458	0.025535419	0.330931298	1
HTN	pericyte	<i>UBE2Q2L</i>	-0.033005861	0.026560291	0.330931298	1
HTN	pericyte	<i>UBQLNL</i>	-0.101203026	0.000467824	0.330931298	1
HTN	pericyte	<i>UCKL1</i>	-0.00889577	0.03332522	0.330931298	1
HTN	pericyte	<i>UPK1A</i>	-0.13839278	0.000473196	0.330931298	1
HTN	pericyte	<i>UPP1</i>	-0.00903756	0.039433523	0.330931298	1
HTN	pericyte	<i>UTP14C</i>	-0.02292879	0.024068283	0.330931298	1
HTN	pericyte	<i>UTS2B</i>	-0.028421098	0.026434742	0.330931298	1
HTN	pericyte	<i>VCP</i>	-0.005863401	0.046493763	0.331883396	1
HTN	pericyte	<i>VPS16</i>	-0.006487361	0.042826145	0.331883396	1
HTN	pericyte	<i>VSIG10</i>	-0.006128113	0.047851696	0.331883396	1
HTN	pericyte	<i>VSIG10L</i>	-0.028208167	0.02892116	0.330931298	1
HTN	pericyte	<i>WDR1</i>	-0.006958617	0.014612426	0.330931298	1
HTN	pericyte	<i>WDR18</i>	-0.024180021	0.028832132	0.330931298	1
HTN	pericyte	<i>WDR24</i>	-0.03063809	8.14E-06	0.037645146	0.037645146
HTN	pericyte	<i>WDR88</i>	-0.005669164	0.024875698	0.330931298	1
HTN	pericyte	<i>WDR90</i>	-0.029363293	0.000271836	0.330931298	1
HTN	pericyte	<i>WFIKKN1</i>	-0.08033081	0.017824561	0.330931298	1
HTN	pericyte	<i>WNT3</i>	-0.029235167	0.035783224	0.330931298	1
HTN	pericyte	<i>WNT6</i>	-0.012494494	0.027398012	0.330931298	1
HTN	pericyte	<i>WRAP73</i>	-0.012731487	0.007757564	0.330931298	1
HTN	pericyte	<i>XCL2</i>	-0.045810195	0.003751246	0.330931298	1

HTN	pericyte	<i>YIPF5</i>	-0.0115086	0.004462095	0.330931298	1
HTN	pericyte	<i>YTHDF3-AS1</i>	-0.028984852	0.009710061	0.330931298	1
HTN	pericyte	<i>ZADH2</i>	-0.00648282	0.010843291	0.330931298	1
HTN	pericyte	<i>ZBED6</i>	-0.020781392	0.032075271	0.330931298	1
HTN	pericyte	<i>ZBTB32</i>	-0.007887857	0.049024816	0.331883396	1
HTN	pericyte	<i>ZDHHC11</i>	-0.023020383	0.023159924	0.330931298	1
HTN	pericyte	<i>ZDHHC11B</i>	-0.010417929	0.042307768	0.331883396	1
HTN	pericyte	<i>ZFAND1</i>	-0.005987268	0.040168567	0.331021888	1
HTN	pericyte	<i>ZFAND2A</i>	-0.008511131	0.03130874	0.330931298	1
HTN	pericyte	<i>ZFP30</i>	-0.007039632	0.027321404	0.330931298	1
HTN	pericyte	<i>ZFP90</i>	-0.004925041	0.046667398	0.331883396	1
HTN	pericyte	<i>ZNF100</i>	-0.003479773	0.026731273	0.330931298	1
HTN	pericyte	<i>ZNF114</i>	-0.019001018	0.038958473	0.330931298	1
HTN	pericyte	<i>ZNF135</i>	-0.009672243	0.014039872	0.330931298	1
HTN	pericyte	<i>ZNF165</i>	-0.087790023	0.019900448	0.330931298	1
HTN	pericyte	<i>ZNF189</i>	-0.006000891	0.045569479	0.331883396	1
HTN	pericyte	<i>ZNF195</i>	-0.007105413	0.021601559	0.330931298	1
HTN	pericyte	<i>ZNF200</i>	-0.03322694	0.008738354	0.330931298	1
HTN	pericyte	<i>ZNF239</i>	-0.054455217	0.032991783	0.330931298	1
HTN	pericyte	<i>ZNF257</i>	-0.015975208	0.008389005	0.330931298	1
HTN	pericyte	<i>ZNF266</i>	-0.005284405	0.024921896	0.330931298	1
HTN	pericyte	<i>ZNF285</i>	-0.099620903	0.014356482	0.330931298	1
HTN	pericyte	<i>ZNF304</i>	-0.060798784	0.002126579	0.330931298	1
HTN	pericyte	<i>ZNF385C</i>	-0.025691518	0.03233245	0.330931298	1
HTN	pericyte	<i>ZNF391</i>	-0.019530287	0.017353341	0.330931298	1
HTN	pericyte	<i>ZNF425</i>	-0.013344562	0.037330583	0.330931298	1
HTN	pericyte	<i>ZNF443</i>	-0.057027269	0.007140985	0.330931298	1
HTN	pericyte	<i>ZNF470</i>	-0.015074393	0.044528352	0.331883396	1
HTN	pericyte	<i>ZNF517</i>	-0.029192125	0.024753891	0.330931298	1
HTN	pericyte	<i>ZNF544</i>	-0.007702963	0.042073178	0.331883396	1
HTN	pericyte	<i>ZNF558</i>	-0.014543766	0.033063548	0.330931298	1
HTN	pericyte	<i>ZNF560</i>	-0.033507025	0.012803853	0.330931298	1
HTN	pericyte	<i>ZNF568</i>	-0.009214849	0.033467115	0.330931298	1
HTN	pericyte	<i>ZNF573</i>	-0.01089481	0.021627313	0.330931298	1
HTN	pericyte	<i>ZNF576</i>	-0.018418275	0.025535626	0.330931298	1
HTN	pericyte	<i>ZNF584</i>	-0.011916297	0.023915651	0.330931298	1
HTN	pericyte	<i>ZNF600</i>	-0.009625758	0.0036629	0.330931298	1
HTN	pericyte	<i>ZNF613</i>	-0.042478245	0.000304591	0.330931298	1
HTN	pericyte	<i>ZNF621</i>	-0.009001552	0.037529587	0.330931298	1
HTN	pericyte	<i>ZNF669</i>	-0.024492425	0.022200509	0.330931298	1
HTN	pericyte	<i>ZNF677</i>	-0.011130483	0.04283328	0.331883396	1
HTN	pericyte	<i>ZNF71</i>	-0.019711465	0.019727301	0.330931298	1
HTN	pericyte	<i>ZNF726</i>	-0.013318061	0.042693145	0.331883396	1
HTN	pericyte	<i>ZNF749</i>	-0.028742071	0.000722127	0.330931298	1
HTN	pericyte	<i>ZNF750</i>	-0.043380035	0.000563726	0.330931298	1
HTN	pericyte	<i>ZNF763</i>	-0.038644038	0.008835786	0.330931298	1
HTN	pericyte	<i>ZNF773</i>	-0.025966682	0.029793733	0.330931298	1
HTN	pericyte	<i>ZNF781</i>	-0.027174384	0.049698701	0.331883396	1
HTN	pericyte	<i>ZNF783</i>	-0.00781751	0.040661126	0.331159096	1
HTN	pericyte	<i>ZNF786</i>	-0.006753075	0.018287955	0.330931298	1
HTN	pericyte	<i>ZNF844</i>	-0.009039896	0.049237109	0.331883396	1
HTN	pericyte	<i>ZNF883</i>	-0.018734507	0.035474967	0.330931298	1

HTN	pericyte	<i>ZSCAN18</i>	-0.003556469	0.037354253	0.330931298	1
HTN	pericyte	<i>C4B</i>	-0.090601738	0.029461398	0.330931298	1
HTN	pericyte	<i>CST2</i>	-0.006317055	0.016159978	0.330931298	1
HTN	pericyte	<i>CYP4A22</i>	-0.140761895	0.018673303	0.330931298	1
HTN	pericyte	<i>GSTM1</i>	-0.009423933	0.033051055	0.330931298	1
HTN	pericyte	<i>ICOSLG</i>	-0.135010879	0.001076974	0.330931298	1
HTN	pericyte	<i>LEFTY1</i>	-0.102104734	0.030963362	0.330931298	1
HTN	pericyte	<i>LGALS9C</i>	-0.008666608	0.026376581	0.330931298	1
HTN	pericyte	<i>RAB6C</i>	-0.101031588	0.033143162	0.330931298	1
HTN	pericyte	<i>SGCA</i>	-0.02653624	0.021052932	0.330931298	1
HTN	pericyte	<i>SPRR2B</i>	-0.109710508	0.023941009	0.330931298	1
HTN	pericyte	<i>TEN1</i>	-0.007205612	0.035317639	0.330931298	1
HTN	pericyte	<i>ZNF80</i>	-0.019246905	0.003635656	0.330931298	1
HTN	pericyte	<i>BGLAP</i>	-0.138119292	0.006744826	0.330931298	1
HTN	pericyte	<i>POLR2J2</i>	-0.088291545	0.048730502	0.331883396	1
HTN	pericyte	<i>DGCR6</i>	-0.10428776	0.036707799	0.330931298	1
HTN	pericyte	<i>HOXC10</i>	-0.005635714	0.016151397	0.330931298	1
HTN	pericyte	<i>MRGPRX2</i>	-0.019610843	0.042106264	0.331883396	1
HTN	pericyte	<i>TNFSF9</i>	-0.118902963	0.015673544	0.330931298	1
HTN	pericyte	<i>AC009495.2</i>	-0.095393752	0.035730968	0.330931298	1
HTN	pericyte	<i>AC135178.1</i>	-0.090682281	0.038850461	0.330931298	1
HTN	pericyte	<i>AGAP5</i>	-0.005787234	0.045849538	0.331883396	1
HTN	pericyte	<i>CPN2</i>	-0.006817658	0.008582666	0.330931298	1
HTN	pericyte	<i>OR52N5</i>	-0.015258547	0.023830945	0.330931298	1
HTN	pericyte	<i>LINC01123</i>	-0.020269296	0.036471447	0.330931298	1
HTN	pericyte	<i>SLC22A31</i>	-0.014800166	0.012629706	0.330931298	1
HTN	pericyte	<i>CCNA1</i>	-0.116359363	0.032942195	0.330931298	1
HTN	pericyte	<i>MYLK2</i>	-0.007623646	0.011276172	0.330931298	1
HTN	pericyte	<i>TBC1D26</i>	-0.006496858	0.003857192	0.330931298	1
HTN	pericyte	<i>AC021860.1</i>	-0.004361679	0.049605117	0.331883396	1
HTN	pericyte	<i>PDE6H</i>	-0.194946758	0.004992459	0.330931298	1
HTN	pericyte	<i>SYT5</i>	-0.178013509	0.012885734	0.330931298	1
HTN	pericyte	<i>KIR2DL1</i>	-0.009309428	0.012967507	0.330931298	1
HTN	pericyte	<i>LILRA4</i>	-0.009247327	0.034285588	0.330931298	1
HTN	pericyte	<i>HCG22</i>	-0.010393821	0.001552404	0.330931298	1
HTN	pericyte	<i>HIST2H2AA4</i>	-0.006147456	0.025160381	0.330931298	1
HTN	SMC	<i>AC019117.2</i>	-0.048705175	0.039817238	0.850534768	1
HTN	SMC	<i>AC022498.1</i>	-0.062980194	0.003295994	0.850534768	1
HTN	SMC	<i>AFAP1L2</i>	-0.008843301	0.044520423	0.850534768	1
HTN	SMC	<i>AGK</i>	-0.006818737	0.039704843	0.850534768	1
HTN	SMC	<i>AKAP5</i>	-0.012805762	0.02079211	0.850534768	1
HTN	SMC	<i>ALG10</i>	-0.025339338	0.048229671	0.850534768	1
HTN	SMC	<i>ALS2</i>	-0.003567554	0.034574788	0.850534768	1
HTN	SMC	<i>ANKRD24</i>	-0.024889958	0.005688786	0.850534768	1
HTN	SMC	<i>AP3B2</i>	-0.029013625	0.005323018	0.850534768	1
HTN	SMC	<i>ARMS2</i>	-0.116819227	0.013440757	0.850534768	1
HTN	SMC	<i>ASIC3</i>	-0.117225721	0.024935191	0.850534768	1
HTN	SMC	<i>ATP5S</i>	-0.005535255	0.024186149	0.850534768	1
HTN	SMC	<i>ATP8A1</i>	-0.001946235	0.04733715	0.850534768	1
HTN	SMC	<i>ATRAID</i>	-0.007383475	0.044178806	0.850534768	1
HTN	SMC	<i>BROX</i>	0.006717768	0.042274222	0.850534768	1
HTN	SMC	<i>BST1</i>	-0.007938858	0.01564567	0.850534768	1

HTN	SMC	<i>C10orf107</i>	-0.011192249	0.020726441	0.850534768	1
HTN	SMC	<i>C11orf21</i>	0.019121539	0.01632469	0.850534768	1
HTN	SMC	<i>C14orf79</i>	-0.013174401	0.034467418	0.850534768	1
HTN	SMC	<i>C15orf65</i>	-0.02043399	0.032394087	0.850534768	1
HTN	SMC	<i>C18orf32</i>	-0.013298578	0.038558119	0.850534768	1
HTN	SMC	<i>C19orf33</i>	-0.033901886	0.018061848	0.850534768	1
HTN	SMC	<i>C1orf226</i>	-0.053069713	0.007048593	0.850534768	1
HTN	SMC	<i>CACNG8</i>	-0.103971287	0.003484058	0.850534768	1
HTN	SMC	<i>CADM2</i>	-0.002361356	0.037653771	0.850534768	1
HTN	SMC	<i>CCDC57</i>	-0.004367728	0.023601731	0.850534768	1
HTN	SMC	<i>CCDC68</i>	-0.006981368	0.02739157	0.850534768	1
HTN	SMC	<i>CEACAM19</i>	-0.019531592	0.017462636	0.850534768	1
HTN	SMC	<i>CHRNA7</i>	-0.062083722	0.003563077	0.850534768	1
HTN	SMC	<i>COMMD2</i>	-0.009030974	0.012470203	0.850534768	1
HTN	SMC	<i>COQ7</i>	-0.009568529	0.029843877	0.850534768	1
HTN	SMC	<i>CPSF4L</i>	-0.093598483	0.008949475	0.850534768	1
HTN	SMC	<i>CRYL1</i>	-0.004623226	0.046038203	0.850534768	1
HTN	SMC	<i>CTNND2</i>	-0.012496062	0.014972288	0.850534768	1
HTN	SMC	<i>CYB5R2</i>	-0.039589797	0.032407808	0.850534768	1
HTN	SMC	<i>CYP2C8</i>	-0.123583315	0.045522285	0.850534768	1
HTN	SMC	<i>CYP4A11</i>	-0.039041756	0.049733933	0.850534768	1
HTN	SMC	<i>CYP4F12</i>	-0.018773172	0.04022197	0.850534768	1
HTN	SMC	<i>CYP4Z1</i>	-0.033393161	0.023850567	0.850534768	1
HTN	SMC	<i>DAWI</i>	-0.049975054	0.008693442	0.850534768	1
HTN	SMC	<i>DCST2</i>	-0.024912379	0.020402351	0.850534768	1
HTN	SMC	<i>DCTD</i>	-0.014265431	0.018051229	0.850534768	1
HTN	SMC	<i>DHX34</i>	-0.004820893	0.01475512	0.850534768	1
HTN	SMC	<i>EFNB3</i>	-0.041561966	0.048389812	0.850534768	1
HTN	SMC	<i>EFS</i>	-0.008321874	0.017035997	0.850534768	1
HTN	SMC	<i>EIF2D</i>	-0.008148379	0.018827932	0.850534768	1
HTN	SMC	<i>ENO3</i>	-0.025650295	0.016605401	0.850534768	1
HTN	SMC	<i>EPB41L4A</i>	-0.002028082	0.014860056	0.850534768	1
HTN	SMC	<i>ETV2</i>	-0.234317068	0.001495813	0.850534768	1
HTN	SMC	<i>FAIM2</i>	-0.028683236	0.029279836	0.850534768	1
HTN	SMC	<i>FAM114A1</i>	-0.005158695	0.042537884	0.850534768	1
HTN	SMC	<i>FAM196A</i>	-0.004318589	0.012410405	0.850534768	1
HTN	SMC	<i>FDFT1</i>	-0.005474531	0.040680793	0.850534768	1
HTN	SMC	<i>FLRT3</i>	-0.007932022	0.024117989	0.850534768	1
HTN	SMC	<i>GALNT15</i>	-0.004442607	0.030636148	0.850534768	1
HTN	SMC	<i>GDPD1</i>	-0.004036015	0.049694972	0.850534768	1
HTN	SMC	<i>GFM1</i>	-0.00447985	0.030105716	0.850534768	1
HTN	SMC	<i>GLP1R</i>	-0.083398995	0.025268036	0.850534768	1
HTN	SMC	<i>GPR17</i>	-0.029160979	0.014547351	0.850534768	1
HTN	SMC	<i>GPX7</i>	-0.010952928	0.008657234	0.850534768	1
HTN	SMC	<i>GRB10</i>	-0.003231967	0.026025485	0.850534768	1
HTN	SMC	<i>HAR1A</i>	-0.042878201	0.041751137	0.850534768	1
HTN	SMC	<i>HOPX</i>	-0.021253381	0.006816242	0.850534768	1
HTN	SMC	<i>IFITM1</i>	-0.058529747	0.005269904	0.850534768	1
HTN	SMC	<i>IMPG1</i>	-0.092476264	0.007714044	0.850534768	1
HTN	SMC	<i>IRGM</i>	-0.022318635	0.043980058	0.850534768	1
HTN	SMC	<i>ITGAD</i>	-0.017266119	0.023066332	0.850534768	1
HTN	SMC	<i>KANSL2</i>	-0.011529435	0.037190933	0.850534768	1

HTN	SMC	<i>KCNK17</i>	-0.035366647	0.025598036	0.850534768	1
HTN	SMC	<i>KIR3DX1</i>	-0.023857052	0.019021057	0.850534768	1
HTN	SMC	<i>KLHL36</i>	-0.007578817	0.037171649	0.850534768	1
HTN	SMC	<i>L3MBTL2</i>	-0.012400489	0.021282271	0.850534768	1
HTN	SMC	<i>LBX2</i>	-0.028355738	0.036228569	0.850534768	1
HTN	SMC	<i>LDHC</i>	-0.055837165	0.013990788	0.850534768	1
HTN	SMC	<i>LINC00314</i>	-0.052698843	0.036664233	0.850534768	1
HTN	SMC	<i>LINC00839</i>	-0.073725375	0.010077873	0.850534768	1
HTN	SMC	<i>LMAN2L</i>	-0.008652526	0.026523781	0.850534768	1
HTN	SMC	<i>LRRC39</i>	-0.011717447	0.045535804	0.850534768	1
HTN	SMC	<i>LSG1</i>	-0.004876723	0.018323695	0.850534768	1
HTN	SMC	<i>LSM6</i>	-0.009102462	0.024078899	0.850534768	1
HTN	SMC	<i>MAPK8IP2</i>	-0.044667759	0.019158977	0.850534768	1
HTN	SMC	<i>MET</i>	-0.004177265	0.021187921	0.850534768	1
HTN	SMC	<i>MFSD5</i>	-0.026954153	0.019923752	0.850534768	1
HTN	SMC	<i>MLPH</i>	-0.003922151	0.019489678	0.850534768	1
HTN	SMC	<i>MMEL1</i>	-0.063505683	0.021436775	0.850534768	1
HTN	SMC	<i>MRPL48</i>	-0.012207744	0.039131543	0.850534768	1
HTN	SMC	<i>MRPL54</i>	-0.00898581	0.03023569	0.850534768	1
HTN	SMC	<i>NAA11</i>	-0.006266011	0.041245488	0.850534768	1
HTN	SMC	<i>NAGA</i>	-0.009044613	0.02372142	0.850534768	1
HTN	SMC	<i>NBPF15</i>	-0.005824697	0.046375834	0.850534768	1
HTN	SMC	<i>NDOR1</i>	-0.006339006	0.01364286	0.850534768	1
HTN	SMC	<i>NDUFA12</i>	-0.006766371	0.04310853	0.850534768	1
HTN	SMC	<i>NOMO3</i>	-0.034939208	0.049378814	0.850534768	1
HTN	SMC	<i>NPIPA1</i>	-0.014201215	0.016310671	0.850534768	1
HTN	SMC	<i>NT5M</i>	-0.013154298	0.035683173	0.850534768	1
HTN	SMC	<i>NUP54</i>	-0.008584755	0.001342882	0.850534768	1
HTN	SMC	<i>NUP85</i>	-0.005363358	0.029259422	0.850534768	1
HTN	SMC	<i>OGN</i>	-0.00360404	0.038869501	0.850534768	1
HTN	SMC	<i>PDE6C</i>	-0.013882455	0.045625298	0.850534768	1
HTN	SMC	<i>PEX6</i>	-0.006560937	0.039274892	0.850534768	1
HTN	SMC	<i>PITHD1</i>	-0.010978432	0.035008041	0.850534768	1
HTN	SMC	<i>PLGRKT</i>	-0.005778271	0.029701096	0.850534768	1
HTN	SMC	<i>PNMT</i>	-0.081202219	0.017994495	0.850534768	1
HTN	SMC	<i>POLM</i>	0.007257878	0.002946779	0.850534768	1
HTN	SMC	<i>PPIE</i>	-0.010145113	0.002742519	0.850534768	1
HTN	SMC	<i>PPP1R27</i>	-0.11895699	0.04107326	0.850534768	1
HTN	SMC	<i>PPWD1</i>	-0.002556821	0.046017098	0.850534768	1
HTN	SMC	<i>PRMT6</i>	-0.031228488	0.029314083	0.850534768	1
HTN	SMC	<i>PROZ</i>	-0.041508499	0.031612112	0.850534768	1
HTN	SMC	<i>RASEF</i>	-0.03875971	0.045910003	0.850534768	1
HTN	SMC	<i>RCN2</i>	0.007271979	0.008273517	0.850534768	1
HTN	SMC	<i>RGPI</i>	-0.008536939	0.039443267	0.850534768	1
HTN	SMC	<i>RGS17</i>	-0.009252429	0.019976737	0.850534768	1
HTN	SMC	<i>RHBDL3</i>	-0.017786072	0.037836143	0.850534768	1
HTN	SMC	<i>RUFY2</i>	0.002198658	0.042168822	0.850534768	1
HTN	SMC	<i>RUVBL2</i>	-0.020203823	0.030955165	0.850534768	1
HTN	SMC	<i>RYR3</i>	-0.002938133	0.031575181	0.850534768	1
HTN	SMC	<i>SI00A3</i>	-0.083016192	0.009733739	0.850534768	1
HTN	SMC	<i>SEC14L6</i>	-0.030150592	0.0452345	0.850534768	1
HTN	SMC	<i>SEMA7A</i>	-0.027511863	0.046377413	0.850534768	1

HTN	SMC	<i>SLC1A7</i>	-0.036733483	0.017684137	0.850534768	1
HTN	SMC	<i>SLC4A5</i>	-0.026563494	0.017559791	0.850534768	1
HTN	SMC	<i>ST8SIA6</i>	-0.003728352	0.02642741	0.850534768	1
HTN	SMC	<i>STK24</i>	-0.002973207	0.030725678	0.850534768	1
HTN	SMC	<i>TADA2A</i>	-0.005190846	0.036260652	0.850534768	1
HTN	SMC	<i>TAS2R10</i>	-0.126203333	0.042960223	0.850534768	1
HTN	SMC	<i>TDRD6</i>	-0.026143066	0.033078635	0.850534768	1
HTN	SMC	<i>THAP5</i>	-0.013083437	0.045252165	0.850534768	1
HTN	SMC	<i>TIGD1</i>	-0.005914697	0.040400533	0.850534768	1
HTN	SMC	<i>TIMP4</i>	-0.010686406	0.034026318	0.850534768	1
HTN	SMC	<i>TLR3</i>	-0.015550753	0.033944467	0.850534768	1
HTN	SMC	<i>TMC6</i>	0.003945658	0.024852683	0.850534768	1
HTN	SMC	<i>TMED6</i>	-0.08311894	0.027345295	0.850534768	1
HTN	SMC	<i>TMEM150C</i>	-0.007415597	0.040862337	0.850534768	1
HTN	SMC	<i>TMEM199</i>	-0.036439856	0.015167366	0.850534768	1
HTN	SMC	<i>TMEM220</i>	-0.004571272	0.034259044	0.850534768	1
HTN	SMC	<i>TMEM232</i>	-0.006888871	0.028871435	0.850534768	1
HTN	SMC	<i>TMEM258</i>	-0.010249127	0.027438269	0.850534768	1
HTN	SMC	<i>TP53I13</i>	-0.00638471	0.013422752	0.850534768	1
HTN	SMC	<i>UBA52</i>	0.003156626	0.028283356	0.850534768	1
HTN	SMC	<i>UBQLNL</i>	-0.067167311	0.020604965	0.850534768	1
HTN	SMC	<i>UNC45A</i>	-0.010727407	0.019139727	0.850534768	1
HTN	SMC	<i>VPS16</i>	-0.006341421	0.047710343	0.850534768	1
HTN	SMC	<i>WDR6</i>	-0.005310543	0.002963958	0.850534768	1
HTN	SMC	<i>XKR9</i>	-0.010294835	0.042379727	0.850534768	1
HTN	SMC	<i>XPO7</i>	-0.003338391	0.044458563	0.850534768	1
HTN	SMC	<i>ZDHHC11B</i>	-0.010352074	0.043683955	0.850534768	1
HTN	SMC	<i>ZFPM1</i>	-0.011057363	0.030226583	0.850534768	1
HTN	SMC	<i>ZNF432</i>	-0.010668351	0.041043502	0.850534768	1
HTN	SMC	<i>ZNF507</i>	-0.005101458	0.017145539	0.850534768	1
HTN	SMC	<i>ZNF738</i>	-0.008056565	0.017224681	0.850534768	1
HTN	SMC	<i>DNAH10OS</i>	-0.050218739	0.037114843	0.850534768	1
HTN	SMC	<i>PCDH10</i>	-0.023914317	0.012782236	0.850534768	1
HTN	SMC	<i>REG3G</i>	0.050737908	0.035399656	0.850534768	1
HTN	SMC	<i>BIRC7</i>	-0.019213887	0.039742337	0.850534768	1
HTN	SMC	<i>KLHDC7A</i>	0.00831281	0.039409742	0.850534768	1
HTN	SMC	<i>PRG2</i>	-0.010039864	0.026499452	0.850534768	1
HTN	SMC	<i>VGLL2</i>	-0.011440192	0.018022075	0.850534768	1
HTN	SMC	<i>LGALS9B</i>	-0.006756963	0.012848577	0.850534768	1
HTN	SMC	<i>LINC01123</i>	-0.019192111	0.047516913	0.850534768	1
HTN	SMC	<i>RGR</i>	-0.116979614	0.021141833	0.850534768	1
HTN	SMC	<i>AC017074.2</i>	-0.060102037	0.047420837	0.850534768	1
HTN	SMC	<i>SRXN1</i>	-0.010724805	0.043846402	0.850534768	1
HTN	t_cell	<i>AANAT</i>	-0.096528804	0.048590928	0.726324975	1
HTN	t_cell	<i>ABHD14A</i>	-0.01032926	0.037276401	0.726324975	1
HTN	t_cell	<i>AC009495.3</i>	-0.037871548	0.019608148	0.726324975	1
HTN	t_cell	<i>AC016773.1</i>	-0.018993571	0.017685887	0.726324975	1
HTN	t_cell	<i>AC112229.4</i>	-0.062328481	0.01923944	0.726324975	1
HTN	t_cell	<i>ADHFE1</i>	-0.003772117	0.027100814	0.726324975	1
HTN	t_cell	<i>ADO</i>	-0.022489465	0.04707858	0.726324975	1
HTN	t_cell	<i>ADPRH</i>	-0.022396754	0.047870458	0.726324975	1
HTN	t_cell	<i>AFAPIL2</i>	-0.009249182	0.035379544	0.726324975	1

HTN	t_cell	<i>AGK</i>	-0.008999468	0.00663094	0.726324975	1
HTN	t_cell	<i>ALS2</i>	-0.003520836	0.037093496	0.726324975	1
HTN	t_cell	<i>ALYREF</i>	-0.048162794	0.024130198	0.726324975	1
HTN	t_cell	<i>AMT</i>	-0.015939225	0.035735579	0.726324975	1
HTN	t_cell	<i>ANKRD36B</i>	-0.003807487	0.048435877	0.726324975	1
HTN	t_cell	<i>ANKRD54</i>	-0.01384739	0.045394336	0.726324975	1
HTN	t_cell	<i>APBB1</i>	-0.01107055	0.045439471	0.726324975	1
HTN	t_cell	<i>AQP5</i>	-0.099279114	0.030093301	0.726324975	1
HTN	t_cell	<i>ATP8A2</i>	-0.017488412	0.02012871	0.726324975	1
HTN	t_cell	<i>ATRAID</i>	-0.007208982	0.048980213	0.726324975	1
HTN	t_cell	<i>BEGAIN</i>	-0.020703189	0.039108388	0.726324975	1
HTN	t_cell	<i>BRD9</i>	-0.004052259	0.042563199	0.726324975	1
HTN	t_cell	<i>BRI3</i>	-0.003912945	0.042145807	0.726324975	1
HTN	t_cell	<i>BTNL8</i>	-0.010815005	0.047751684	0.726324975	1
HTN	t_cell	<i>C12orf43</i>	-0.024328109	0.036086806	0.726324975	1
HTN	t_cell	<i>C12orf57</i>	-0.01227866	0.021359146	0.726324975	1
HTN	t_cell	<i>C14orf80</i>	-0.025036691	0.027018872	0.726324975	1
HTN	t_cell	<i>C15orf65</i>	-0.019198149	0.044524556	0.726324975	1
HTN	t_cell	<i>C1orf226</i>	-0.049016629	0.012796877	0.726324975	1
HTN	t_cell	<i>C2CD4C</i>	-0.056947945	0.010196626	0.726324975	1
HTN	t_cell	<i>C6orf120</i>	-0.018410012	0.042009288	0.726324975	1
HTN	t_cell	<i>C9orf43</i>	-0.032478872	0.048279838	0.726324975	1
HTN	t_cell	<i>CACNA1H</i>	-0.009896223	0.014477574	0.726324975	1
HTN	t_cell	<i>CAPN12</i>	-0.021814862	0.005252701	0.726324975	1
HTN	t_cell	<i>CARHSP1</i>	-0.004431959	0.012323805	0.726324975	1
HTN	t_cell	<i>CCDC68</i>	-0.00829228	0.008652453	0.726324975	1
HTN	t_cell	<i>CCL23</i>	-0.040211846	0.021035452	0.726324975	1
HTN	t_cell	<i>CD151</i>	-0.00565009	0.025177708	0.726324975	1
HTN	t_cell	<i>CDC16</i>	-0.003133237	0.049588961	0.726324975	1
HTN	t_cell	<i>CDC25B</i>	-0.018836211	0.001998112	0.726324975	1
HTN	t_cell	<i>CDC42EP5</i>	-0.016687505	0.018705499	0.726324975	1
HTN	t_cell	<i>CENPC</i>	-0.003106352	0.049940852	0.726324975	1
HTN	t_cell	<i>CENPQ</i>	-0.018006376	0.020857413	0.726324975	1
HTN	t_cell	<i>CEP104</i>	-0.005710033	0.018803499	0.726324975	1
HTN	t_cell	<i>CFL2</i>	-0.010779124	0.020576623	0.726324975	1
HTN	t_cell	<i>CIAO1</i>	-0.005084438	0.032670115	0.726324975	1
HTN	t_cell	<i>CLDN7</i>	-0.013361924	0.034021494	0.726324975	1
HTN	t_cell	<i>CNOT8</i>	-0.00448941	0.048076343	0.726324975	1
HTN	t_cell	<i>COMMD2</i>	-0.00736148	0.042090434	0.726324975	1
HTN	t_cell	<i>CPAMD8</i>	-0.015161251	0.047651935	0.726324975	1
HTN	t_cell	<i>CPLX1</i>	-0.014553173	0.028062374	0.726324975	1
HTN	t_cell	<i>CPNE4</i>	-0.016852756	0.031730721	0.726324975	1
HTN	t_cell	<i>CPXM2</i>	-0.007345927	0.02385649	0.726324975	1
HTN	t_cell	<i>CRTAP</i>	-0.005658396	0.042123598	0.726324975	1
HTN	t_cell	<i>CRYZ</i>	-0.008493196	0.041330695	0.726324975	1
HTN	t_cell	<i>D2HGDH</i>	-0.00636125	0.033230193	0.726324975	1
HTN	t_cell	<i>DCTN5</i>	-0.007585576	0.047451316	0.726324975	1
HTN	t_cell	<i>DDIT4L</i>	-0.035330003	0.02627521	0.726324975	1
HTN	t_cell	<i>DDX55</i>	-0.007385283	0.046297693	0.726324975	1
HTN	t_cell	<i>DTX1</i>	0.00483315	0.048062412	0.726324975	1
HTN	t_cell	<i>DYRK3</i>	-0.018131106	0.045569518	0.726324975	1
HTN	t_cell	<i>EIF4B</i>	-0.007303878	0.016377066	0.726324975	1

HTN	t_cell	<i>EPB41L4A</i>	-0.002459973	0.003165977	0.726324975	1
HTN	t_cell	<i>ERMARD</i>	-0.004241287	0.041718598	0.726324975	1
HTN	t_cell	<i>FAIM2</i>	-0.036022393	0.006159832	0.726324975	1
HTN	t_cell	<i>FAM124A</i>	-0.012971365	0.044378267	0.726324975	1
HTN	t_cell	<i>FAM229B</i>	-0.011559538	0.044112346	0.726324975	1
HTN	t_cell	<i>FAM83F</i>	-0.069571895	0.04335139	0.726324975	1
HTN	t_cell	<i>FANCA</i>	-0.006914467	0.043725437	0.726324975	1
HTN	t_cell	<i>FCRLB</i>	-0.01494142	0.027741098	0.726324975	1
HTN	t_cell	<i>FES</i>	-0.00864147	0.048605605	0.726324975	1
HTN	t_cell	<i>GALNT15</i>	-0.004201063	0.040565823	0.726324975	1
HTN	t_cell	<i>GALR1</i>	-0.089626017	0.032478129	0.726324975	1
HTN	t_cell	<i>GBP3</i>	-0.006947664	0.015008371	0.726324975	1
HTN	t_cell	<i>GCFC2</i>	-0.003429571	0.005307596	0.726324975	1
HTN	t_cell	<i>GFOD1</i>	-0.002462387	0.048181287	0.726324975	1
HTN	t_cell	<i>GIMAP1</i>	-0.008362518	0.02736649	0.726324975	1
HTN	t_cell	<i>GMPR</i>	-0.007631239	0.006062884	0.726324975	1
HTN	t_cell	<i>GOLGA8R</i>	-0.114010496	0.006445321	0.726324975	1
HTN	t_cell	<i>GPIHBP1</i>	-0.009973335	0.04924912	0.726324975	1
HTN	t_cell	<i>GPR160</i>	-0.010051631	0.036234868	0.726324975	1
HTN	t_cell	<i>GPR17</i>	-0.028077857	0.018375561	0.726324975	1
HTN	t_cell	<i>GPR52</i>	0.112088647	0.001774598	0.726324975	1
HTN	t_cell	<i>HOXD4</i>	-0.11036565	0.015380235	0.726324975	1
HTN	t_cell	<i>HOXD8</i>	-0.020391547	0.032553171	0.726324975	1
HTN	t_cell	<i>HOXD9</i>	-0.020011071	0.021034273	0.726324975	1
HTN	t_cell	<i>HSD17B3</i>	-0.024117121	0.002534967	0.726324975	1
HTN	t_cell	<i>HSPG2</i>	-0.002352743	0.016069666	0.726324975	1
HTN	t_cell	<i>IFT140</i>	-0.006226858	0.043450201	0.726324975	1
HTN	t_cell	<i>IGFBP2</i>	-0.010400934	0.022537327	0.726324975	1
HTN	t_cell	<i>IL18R1</i>	-0.001249436	0.047597315	0.726324975	1
HTN	t_cell	<i>IRAK1BP1</i>	-0.004942294	0.035459034	0.726324975	1
HTN	t_cell	<i>JKAMP</i>	-0.006277938	0.026161828	0.726324975	1
HTN	t_cell	<i>KANSL2</i>	-0.011734036	0.0339872	0.726324975	1
HTN	t_cell	<i>KCNN2</i>	-0.054999241	0.026582007	0.726324975	1
HTN	t_cell	<i>KIAA1683</i>	-0.008394475	0.032338656	0.726324975	1
HTN	t_cell	<i>KIR3DX1</i>	-0.021904286	0.03158538	0.726324975	1
HTN	t_cell	<i>KLK5</i>	-0.03225751	0.023437153	0.726324975	1
HTN	t_cell	<i>KNOP1</i>	-0.00906806	0.010690588	0.726324975	1
HTN	t_cell	<i>KRBA2</i>	-0.070213996	0.014456873	0.726324975	1
HTN	t_cell	<i>KREMEN1</i>	-0.003519794	0.027334374	0.726324975	1
HTN	t_cell	<i>LDLRAD2</i>	-0.031862541	0.006193628	0.726324975	1
HTN	t_cell	<i>LINC00342</i>	-0.009308732	0.030492249	0.726324975	1
HTN	t_cell	<i>LINC00639</i>	-0.004956716	0.019927701	0.726324975	1
HTN	t_cell	<i>LINC00640</i>	-0.019641915	0.048199521	0.726324975	1
HTN	t_cell	<i>LINC00707</i>	-0.084280575	0.024228046	0.726324975	1
HTN	t_cell	<i>LMBR1L</i>	-0.00918611	0.003315753	0.726324975	1
HTN	t_cell	<i>LPAR2</i>	-0.013516024	0.035478528	0.726324975	1
HTN	t_cell	<i>LPIN1</i>	-0.005081319	0.029620061	0.726324975	1
HTN	t_cell	<i>LSR</i>	-0.010996365	0.006610102	0.726324975	1
HTN	t_cell	<i>LY6H</i>	-0.068501953	0.014141124	0.726324975	1
HTN	t_cell	<i>MALRD1</i>	-0.00669546	0.040106525	0.726324975	1
HTN	t_cell	<i>MAP1A</i>	-0.03176674	0.049232373	0.726324975	1
HTN	t_cell	<i>MAPK8IP1</i>	-0.061323482	0.00993121	0.726324975	1

HTN	t_cell	<i>MAST2</i>	-0.004419398	0.029837934	0.726324975	1
HTN	t_cell	<i>MED17</i>	-0.017045101	0.016162726	0.726324975	1
HTN	t_cell	<i>MET</i>	-0.003694849	0.040959669	0.726324975	1
HTN	t_cell	<i>MGRN1</i>	-0.004596033	0.028474094	0.726324975	1
HTN	t_cell	<i>MLF2</i>	-0.010821429	0.019718071	0.726324975	1
HTN	t_cell	<i>MLKL</i>	-0.00458959	0.030355428	0.726324975	1
HTN	t_cell	<i>MLPH</i>	-0.003728329	0.026511771	0.726324975	1
HTN	t_cell	<i>MPV17L</i>	-0.044860399	0.014945068	0.726324975	1
HTN	t_cell	<i>MRPS26</i>	-0.010293143	0.0161391	0.726324975	1
HTN	t_cell	<i>MTRF1L</i>	-0.013314318	0.002093905	0.726324975	1
HTN	t_cell	<i>MYO10</i>	-0.003831637	0.01311291	0.726324975	1
HTN	t_cell	<i>NAP1L5</i>	-0.023672696	0.030766877	0.726324975	1
HTN	t_cell	<i>NBPF3</i>	-0.01079432	0.031527599	0.726324975	1
HTN	t_cell	<i>NDUFS5</i>	-0.006307349	0.046284541	0.726324975	1
HTN	t_cell	<i>NEK3</i>	-0.005077191	0.007404331	0.726324975	1
HTN	t_cell	<i>NLRP2</i>	-0.021371581	0.038743148	0.726324975	1
HTN	t_cell	<i>NOSTRIN</i>	-0.003919426	0.029807891	0.726324975	1
HTN	t_cell	<i>NUP205</i>	-0.00641685	0.021977436	0.726324975	1
HTN	t_cell	<i>NUP35</i>	-0.009636982	0.04119253	0.726324975	1
HTN	t_cell	<i>NUP50</i>	-0.006287666	0.049930454	0.726324975	1
HTN	t_cell	<i>NUSAP1</i>	-0.008799521	0.030949283	0.726324975	1
HTN	t_cell	<i>OGN</i>	-0.003729718	0.032204149	0.726324975	1
HTN	t_cell	<i>OSBPL5</i>	-0.005588975	0.013883928	0.726324975	1
HTN	t_cell	<i>P2RY11</i>	-0.025989324	0.049967873	0.726324975	1
HTN	t_cell	<i>PACSLN3</i>	-0.034290244	0.028462724	0.726324975	1
HTN	t_cell	<i>PARK7</i>	-0.008206357	9.42E-05	0.294412274	0.435700759
HTN	t_cell	<i>PAX6</i>	-0.043688718	0.004168161	0.726324975	1
HTN	t_cell	<i>PAXIP1-AS1</i>	0.00847818	0.022066139	0.726324975	1
HTN	t_cell	<i>PCDHA4</i>	-0.05992018	0.034402913	0.726324975	1
HTN	t_cell	<i>PCGF2</i>	-0.016549143	0.000513624	0.726324975	1
HTN	t_cell	<i>PCGF3</i>	-0.008721281	0.009732175	0.726324975	1
HTN	t_cell	<i>PDPR</i>	-0.007829739	0.044037	0.726324975	1
HTN	t_cell	<i>PEX12</i>	-0.014289359	0.045814365	0.726324975	1
HTN	t_cell	<i>PIK3R4</i>	0.004589074	0.010399122	0.726324975	1
HTN	t_cell	<i>PNKD</i>	0.005208797	0.0453412	0.726324975	1
HTN	t_cell	<i>POLR2J</i>	-0.012243008	0.037964579	0.726324975	1
HTN	t_cell	<i>PPWD1</i>	-0.003102613	0.015327256	0.726324975	1
HTN	t_cell	<i>PSMD7</i>	-0.007481266	0.001741452	0.726324975	1
HTN	t_cell	<i>PSMG2</i>	-0.00604759	0.016485396	0.726324975	1
HTN	t_cell	<i>PUS3</i>	-0.015094802	0.032132259	0.726324975	1
HTN	t_cell	<i>RAB2A</i>	-0.002093201	0.011175791	0.726324975	1
HTN	t_cell	<i>RAET1E</i>	-0.024148138	0.004201306	0.726324975	1
HTN	t_cell	<i>RHOD</i>	-0.026473542	0.009927474	0.726324975	1
HTN	t_cell	<i>RNF165</i>	-0.008110561	0.042804187	0.726324975	1
HTN	t_cell	<i>ROM1</i>	-0.035295464	0.007580407	0.726324975	1
HTN	t_cell	<i>RPL7L1</i>	-0.009255466	0.011620126	0.726324975	1
HTN	t_cell	<i>RSU1</i>	-0.001869208	0.038328349	0.726324975	1
HTN	t_cell	<i>RYR3</i>	-0.002802022	0.040325596	0.726324975	1
HTN	t_cell	<i>SI00A1</i>	-0.053144332	0.029385938	0.726324975	1
HTN	t_cell	<i>SAMD5</i>	-0.013075856	0.011046348	0.726324975	1
HTN	t_cell	<i>SARDH</i>	-0.040102924	0.019846006	0.726324975	1
HTN	t_cell	<i>SC5D</i>	-0.009481392	0.04446601	0.726324975	1

HTN	t_cell	SCAPER	-0.001796285	0.036551031	0.726324975	1
HTN	t_cell	SCUBE2	-0.019192409	0.016171483	0.726324975	1
HTN	t_cell	SEC22A	-0.002637991	0.021224359	0.726324975	1
HTN	t_cell	SEMA3F	-0.022499825	0.008409428	0.726324975	1
HTN	t_cell	SEMA4A	-0.012173012	0.043173209	0.726324975	1
HTN	t_cell	Sep-02	-0.002812069	0.049934913	0.726324975	1
HTN	t_cell	SERPINI1	-0.009391817	0.009594796	0.726324975	1
HTN	t_cell	SLC4A5	-0.031201227	0.005851586	0.726324975	1
HTN	t_cell	SMTNL1	-0.020528576	0.033378297	0.726324975	1
HTN	t_cell	SPATA6L	-0.008572814	0.031290243	0.726324975	1
HTN	t_cell	SPINK6	-0.080581118	0.037626998	0.726324975	1
HTN	t_cell	SPIRE2	-0.01050011	0.047748672	0.726324975	1
HTN	t_cell	SPRYD3	-0.024218633	0.044779659	0.726324975	1
HTN	t_cell	ST8SIA6	-0.00567375	0.000722079	0.726324975	1
HTN	t_cell	SULT1B1	-0.02096922	0.000127286	0.294412274	0.588824547
HTN	t_cell	SUSD2	-0.018186086	0.037135963	0.726324975	1
HTN	t_cell	SVIP	-0.00385369	0.044749143	0.726324975	1
HTN	t_cell	SYNJ2	-0.011335284	0.013909785	0.726324975	1
HTN	t_cell	TARS2	-0.008751411	0.029582042	0.726324975	1
HTN	t_cell	TCTEX1D1	-0.018711715	0.049800578	0.726324975	1
HTN	t_cell	THOC5	-0.013635826	0.023456317	0.726324975	1
HTN	t_cell	TIMP4	-0.010542429	0.036334064	0.726324975	1
HTN	t_cell	TMEM133	-0.169838663	0.00819569	0.726324975	1
HTN	t_cell	TMEM158	-0.054915346	0.025239563	0.726324975	1
HTN	t_cell	TMEM230	-0.005518999	0.043911897	0.726324975	1
HTN	t_cell	TMEM99	-0.025144291	0.040652378	0.726324975	1
HTN	t_cell	TNFRSF10A	-0.008429055	0.037562481	0.726324975	1
HTN	t_cell	TNFRSF11B	-0.021050346	0.042969422	0.726324975	1
HTN	t_cell	TNNI3K	-0.101910387	0.019504584	0.726324975	1
HTN	t_cell	TRDMT1	-0.008078794	0.014532113	0.726324975	1
HTN	t_cell	TSPYL1	-0.012714058	0.033552747	0.726324975	1
HTN	t_cell	TTC28	-0.001192804	0.014241931	0.726324975	1
HTN	t_cell	TTII	-0.010354366	0.031820884	0.726324975	1
HTN	t_cell	TULP2	-0.030843164	0.048100418	0.726324975	1
HTN	t_cell	UBA52	-0.003748426	0.009034777	0.726324975	1
HTN	t_cell	UBR4	-0.004147064	0.046294407	0.726324975	1
HTN	t_cell	VAMP4	-0.004926768	0.006603034	0.726324975	1
HTN	t_cell	XCL2	-0.031594834	0.045679651	0.726324975	1
HTN	t_cell	ZC3H7B	-0.008587298	0.025749642	0.726324975	1
HTN	t_cell	ZDHHC2	-0.006956129	0.001699191	0.726324975	1
HTN	t_cell	ZFP90	-0.006094215	0.013926039	0.726324975	1
HTN	t_cell	ZNF135	-0.00964717	0.014289702	0.726324975	1
HTN	t_cell	ZNF175	-0.018405791	0.032254574	0.726324975	1
HTN	t_cell	ZNF229	-0.073951441	0.0285794	0.726324975	1
HTN	t_cell	ZNF257	-0.014205499	0.019036933	0.726324975	1
HTN	t_cell	ZNF285	-0.082159234	0.043655796	0.726324975	1
HTN	t_cell	ZNF431	-0.006140125	0.01392411	0.726324975	1
HTN	t_cell	ZNF470	-0.015207468	0.042974471	0.726324975	1
HTN	t_cell	ZNF573	-0.010868352	0.021959634	0.726324975	1
HTN	t_cell	ZNF621	-0.009959115	0.021225026	0.726324975	1
HTN	t_cell	ZNF670	-0.043841985	0.01000177	0.726324975	1
HTN	t_cell	ZNF71	-0.019004322	0.024617986	0.726324975	1

HTN	t_cell	<i>ZNF793</i>	-0.0105223	0.02362701	0.726324975	1
HTN	t_cell	<i>ZNF98</i>	-0.007297369	0.043040586	0.726324975	1
HTN	t_cell	<i>ZSCAN31</i>	-0.010090412	0.013748329	0.726324975	1
HTN	t_cell	<i>ICOSLG</i>	-0.088983013	0.031369702	0.726324975	1
HTN	t_cell	<i>BPIFB2</i>	-0.124546342	0.030125391	0.726324975	1
HTN	t_cell	<i>MRGPRX2</i>	-0.020164194	0.036955373	0.726324975	1
HTN	t_cell	<i>ADAD2</i>	-0.10122867	0.004011031	0.726324975	1
Heart_Failure	adipocyte	<i>AC019117.2</i>	-0.039192323	0.00304315	0.99999834	1
Heart_Failure	adipocyte	<i>ASB4</i>	-0.020137561	0.028177312	0.99999834	1
Heart_Failure	adipocyte	<i>ATP5C1</i>	0.001580095	0.038866723	0.99999834	1
Heart_Failure	adipocyte	<i>CEP135</i>	0.00250475	0.042461257	0.99999834	1
Heart_Failure	adipocyte	<i>CIAPIN1</i>	-0.003327452	0.024953882	0.99999834	1
Heart_Failure	adipocyte	<i>CLEC18A</i>	-0.020170321	0.045059047	0.99999834	1
Heart_Failure	adipocyte	<i>CLEC4G</i>	0.060635979	0.038319439	0.99999834	1
Heart_Failure	adipocyte	<i>CSE1L</i>	0.004957006	0.012959664	0.99999834	1
Heart_Failure	adipocyte	<i>EIF3M</i>	0.002564401	0.034422111	0.99999834	1
Heart_Failure	adipocyte	<i>FAM173B</i>	0.003545708	0.03707784	0.99999834	1
Heart_Failure	adipocyte	<i>GNMT</i>	-0.026933884	0.03626093	0.99999834	1
Heart_Failure	adipocyte	<i>GSDMC</i>	-0.038045524	0.044819912	0.99999834	1
Heart_Failure	adipocyte	<i>KIAA1468</i>	0.00109243	0.029635777	0.99999834	1
Heart_Failure	adipocyte	<i>KLHL30</i>	0.015160484	0.017530508	0.99999834	1
Heart_Failure	adipocyte	<i>LDHC</i>	-0.026308628	0.039900672	0.99999834	1
Heart_Failure	adipocyte	<i>LRPPRC</i>	0.001860691	0.037742307	0.99999834	1
Heart_Failure	adipocyte	<i>LRRC27</i>	0.006902526	0.015295641	0.99999834	1
Heart_Failure	adipocyte	<i>MAK16</i>	0.005589423	0.047702364	0.99999834	1
Heart_Failure	adipocyte	<i>MAST2</i>	0.00286244	0.012437523	0.99999834	1
Heart_Failure	adipocyte	<i>MMEL1</i>	0.0347419	0.02418789	0.99999834	1
Heart_Failure	adipocyte	<i>MSH3</i>	-0.001505613	0.018427613	0.99999834	1
Heart_Failure	adipocyte	<i>NIM1K</i>	0.053470347	0.021302775	0.99999834	1
Heart_Failure	adipocyte	<i>PAXIP1-AS2</i>	-0.00316345	0.015181522	0.99999834	1
Heart_Failure	adipocyte	<i>PPCDC</i>	0.002213394	0.033449367	0.99999834	1
Heart_Failure	adipocyte	<i>PWRN1</i>	0.005605242	0.013808313	0.99999834	1
Heart_Failure	adipocyte	<i>RHBDL1</i>	-0.008407891	0.042122802	0.99999834	1
Heart_Failure	adipocyte	<i>SH2D2A</i>	-0.009817494	0.047631023	0.99999834	1
Heart_Failure	adipocyte	<i>SH3GLB2</i>	0.004893945	0.033783383	0.99999834	1
Heart_Failure	adipocyte	<i>SLC25A30</i>	0.004875406	0.020712148	0.99999834	1
Heart_Failure	adipocyte	<i>SMPD4</i>	0.003607865	0.02685389	0.99999834	1
Heart_Failure	adipocyte	<i>SPINK5</i>	-0.006825178	0.049691324	0.99999834	1
Heart_Failure	adipocyte	<i>TRIB3</i>	-0.008982354	0.034658953	0.99999834	1
Heart_Failure	adipocyte	<i>TRUB1</i>	-0.003651347	0.04805224	0.99999834	1
Heart_Failure	adipocyte	<i>TTLL6</i>	-0.014719677	0.017923769	0.99999834	1
Heart_Failure	adipocyte	<i>KIF25-AS1</i>	-0.005295453	0.01750429	0.99999834	1
Heart_Failure	ASPC	<i>CCT8</i>	0.00395442	0.030547973	0.999999253	1
Heart_Failure	ASPC	<i>FKRP</i>	0.004499863	0.029000148	0.999999253	1
Heart_Failure	ASPC	<i>FOLR1</i>	0.00662963	0.045946882	0.999999253	1
Heart_Failure	ASPC	<i>GNMT</i>	0.02713182	0.035367996	0.999999253	1
Heart_Failure	ASPC	<i>IFT74</i>	0.002199423	0.020689757	0.999999253	1
Heart_Failure	ASPC	<i>KNSTRN</i>	0.007129021	0.027893114	0.999999253	1
Heart_Failure	ASPC	<i>LRRC57</i>	-0.004429683	0.002332792	0.999999253	1
Heart_Failure	ASPC	<i>NDUFA3</i>	-0.003145545	0.047406767	0.999999253	1
Heart_Failure	ASPC	<i>NOV</i>	0.010348945	0.004022367	0.999999253	1
Heart_Failure	ASPC	<i>NUDT18</i>	0.019667994	0.025846804	0.999999253	1

Heart_Failure	ASPC	<i>PCDHGA1</i>	-0.012567547	0.049281981	0.999999253	1
Heart_Failure	ASPC	<i>POLM</i>	-0.004272681	0.001758981	0.999999253	1
Heart_Failure	ASPC	<i>PPP3R1</i>	0.005485519	0.043387913	0.999999253	1
Heart_Failure	ASPC	<i>RAB30</i>	-0.002688698	0.036178504	0.999999253	1
Heart_Failure	ASPC	<i>RAPGEF6</i>	0.007535217	0.00772434	0.999999253	1
Heart_Failure	ASPC	<i>RNASE4</i>	0.034746841	0.006389231	0.999999253	1
Heart_Failure	ASPC	<i>RPL9</i>	0.004986515	0.041029819	0.999999253	1
Heart_Failure	ASPC	<i>SLC6A1</i>	-0.005024988	0.04820056	0.999999253	1
Heart_Failure	ASPC	<i>SLC6A7</i>	-0.048803782	0.049662477	0.999999253	1
Heart_Failure	ASPC	<i>SNX22</i>	-0.005019039	0.039382973	0.999999253	1
Heart_Failure	ASPC	<i>SP1</i>	0.001724512	0.027483112	0.999999253	1
Heart_Failure	ASPC	<i>TRMT10A</i>	0.004160203	0.011843074	0.999999253	1
Heart_Failure	ASPC	<i>UBXN2A</i>	0.001792787	0.049120413	0.999999253	1
Heart_Failure	ASPC	<i>VPS54</i>	0.00140774	0.028664887	0.999999253	1
Heart_Failure	ASPC	<i>YTHDF3-AS1</i>	-0.012498695	0.048916903	0.999999253	1
Heart_Failure	b_cell	<i>ABCC3</i>	0.001831847	0.029578994	0.999362864	1
Heart_Failure	b_cell	<i>ABHD8</i>	0.008216279	0.018598873	0.999362864	1
Heart_Failure	b_cell	<i>ADSS</i>	0.001802778	0.03242472	0.999362864	1
Heart_Failure	b_cell	<i>BTNL3</i>	0.032592563	0.036618509	0.999362864	1
Heart_Failure	b_cell	<i>C4orf45</i>	0.0055603	0.017997965	0.999362864	1
Heart_Failure	b_cell	<i>CENPH</i>	-0.007626548	0.045013081	0.999362864	1
Heart_Failure	b_cell	<i>CLCA4</i>	0.041026091	0.019321255	0.999362864	1
Heart_Failure	b_cell	<i>CMPK1</i>	0.002297414	0.020982357	0.999362864	1
Heart_Failure	b_cell	<i>COPB2</i>	-0.001416804	0.035213605	0.999362864	1
Heart_Failure	b_cell	<i>FAM86C1</i>	0.026503921	0.000365886	0.999362864	1
Heart_Failure	b_cell	<i>GDNF-AS1</i>	0.0033297	0.042052601	0.999362864	1
Heart_Failure	b_cell	<i>IFRD1</i>	0.002513444	0.022295	0.999362864	1
Heart_Failure	b_cell	<i>LCLAT1</i>	-0.001998038	0.016086524	0.999362864	1
Heart_Failure	b_cell	<i>MILR1</i>	0.007404029	0.000819995	0.999362864	1
Heart_Failure	b_cell	<i>MRPS15</i>	0.007571703	0.025947304	0.999362864	1
Heart_Failure	b_cell	<i>NBPF15</i>	0.003315328	0.044101811	0.999362864	1
Heart_Failure	b_cell	<i>NT5DC3</i>	0.002970584	0.039642165	0.999362864	1
Heart_Failure	b_cell	<i>PIGP</i>	0.002743996	0.029083111	0.999362864	1
Heart_Failure	b_cell	<i>PLEK2</i>	-0.007390005	0.028059612	0.999362864	1
Heart_Failure	b_cell	<i>PRPF38A</i>	0.004588948	0.007619043	0.999362864	1
Heart_Failure	b_cell	<i>PSMD7</i>	0.002979858	0.026921065	0.999362864	1
Heart_Failure	b_cell	<i>RHBDL3</i>	0.010055488	0.034532379	0.999362864	1
Heart_Failure	b_cell	<i>RSU1</i>	-0.001470633	0.003757581	0.999362864	1
Heart_Failure	b_cell	<i>SCAND1</i>	-0.005836191	0.044030728	0.999362864	1
Heart_Failure	b_cell	<i>SEC22C</i>	0.003168731	0.035464366	0.999362864	1
Heart_Failure	b_cell	<i>SLC25A34</i>	0.013709381	0.026740826	0.999362864	1
Heart_Failure	b_cell	<i>STX2</i>	0.002950256	0.011187025	0.999362864	1
Heart_Failure	b_cell	<i>TLE6</i>	0.044172084	0.031664088	0.999362864	1
Heart_Failure	b_cell	<i>ZNF264</i>	-0.00235301	0.029498636	0.999362864	1
Heart_Failure	b_cell	<i>HOXB9</i>	-0.027027569	0.025325574	0.999362864	1
Heart_Failure	b_cell	<i>SLC12A5</i>	-0.029147606	0.030600603	0.999362864	1
Heart_Failure	b_cell	<i>LGALS9B</i>	-0.003290365	0.031988673	0.999362864	1
Heart_Failure	b_cell	<i>SIGLEC5</i>	0.004822128	0.002301939	0.999362864	1
Heart_Failure	dendritic_cell	<i>AL357673.1</i>	0.008694121	0.033632247	0.999939478	1
Heart_Failure	dendritic_cell	<i>AP3B2</i>	-0.015329501	0.008163059	0.999939478	1
Heart_Failure	dendritic_cell	<i>CRYBB2</i>	-0.01895566	0.009181866	0.999939478	1
Heart_Failure	dendritic_cell	<i>DDX31</i>	0.002641436	0.030315319	0.999939478	1

Heart_Failure	dendritic_cell	<i>EIF1AD</i>	0.008178324	0.048108832	0.999939478	1
Heart_Failure	dendritic_cell	<i>FAM86C1</i>	-0.016924479	0.023518032	0.999939478	1
Heart_Failure	dendritic_cell	<i>FUT10</i>	0.00244191	0.019918732	0.999939478	1
Heart_Failure	dendritic_cell	<i>HACE1</i>	0.002320375	0.033183808	0.999939478	1
Heart_Failure	dendritic_cell	<i>KHDC1</i>	0.00386195	0.043502046	0.999939478	1
Heart_Failure	dendritic_cell	<i>LCAT</i>	-0.004172331	0.030451153	0.999939478	1
Heart_Failure	dendritic_cell	<i>LINC00342</i>	-0.005320235	0.027077017	0.999939478	1
Heart_Failure	dendritic_cell	<i>LINC00865</i>	-0.004906417	0.006517195	0.999939478	1
Heart_Failure	dendritic_cell	<i>LINC01068</i>	0.043216865	0.006080372	0.999939478	1
Heart_Failure	dendritic_cell	<i>LRRC36</i>	-0.011544488	0.036840838	0.999939478	1
Heart_Failure	dendritic_cell	<i>LTBR</i>	0.005068156	0.0131139	0.999939478	1
Heart_Failure	dendritic_cell	<i>MAPK9</i>	0.004782193	0.037954985	0.999939478	1
Heart_Failure	dendritic_cell	<i>MCC</i>	0.001492926	0.033180684	0.999939478	1
Heart_Failure	dendritic_cell	<i>MED21</i>	0.003254525	0.015439746	0.999939478	1
Heart_Failure	dendritic_cell	<i>METTL2B</i>	0.008369746	0.030738357	0.999939478	1
Heart_Failure	dendritic_cell	<i>MPPE1</i>	0.003245315	0.041816197	0.999939478	1
Heart_Failure	dendritic_cell	<i>MTF1</i>	-0.003462842	0.02852383	0.999939478	1
Heart_Failure	dendritic_cell	<i>MYH7B</i>	0.012118166	0.008602513	0.999939478	1
Heart_Failure	dendritic_cell	<i>NALCN</i>	0.002656398	0.035482501	0.999939478	1
Heart_Failure	dendritic_cell	<i>NECAP2</i>	0.001973919	0.044385251	0.999939478	1
Heart_Failure	dendritic_cell	<i>NELFB</i>	-0.005150618	0.02593834	0.999939478	1
Heart_Failure	dendritic_cell	<i>PABPC1L</i>	-0.005594638	0.030267089	0.999939478	1
Heart_Failure	dendritic_cell	<i>PIGP</i>	0.00301532	0.016291315	0.999939478	1
Heart_Failure	dendritic_cell	<i>PIK3CD</i>	-0.001643424	0.035854657	0.999939478	1
Heart_Failure	dendritic_cell	<i>PKD2L1</i>	-0.023615275	0.020540507	0.999939478	1
Heart_Failure	dendritic_cell	<i>PLA1A</i>	-0.017525096	0.037305922	0.999939478	1
Heart_Failure	dendritic_cell	<i>PNKD</i>	0.003695623	0.011063323	0.999939478	1
Heart_Failure	dendritic_cell	<i>POLR3H</i>	-0.004150374	0.04091541	0.999939478	1
Heart_Failure	dendritic_cell	<i>PROM2</i>	0.068216913	0.021835784	0.999939478	1
Heart_Failure	dendritic_cell	<i>RAB15</i>	-0.006747418	0.036482898	0.999939478	1
Heart_Failure	dendritic_cell	<i>RAB3A</i>	-0.044988584	0.016058687	0.999939478	1
Heart_Failure	dendritic_cell	<i>RGS22</i>	0.002401171	0.02344749	0.999939478	1
Heart_Failure	dendritic_cell	<i>RHPN1</i>	0.021528917	0.045728818	0.999939478	1
Heart_Failure	dendritic_cell	<i>SMIM19</i>	0.001816405	0.041954013	0.999939478	1
Heart_Failure	dendritic_cell	<i>SMIM6</i>	0.063680055	0.022721926	0.999939478	1
Heart_Failure	dendritic_cell	<i>SNN</i>	0.004969824	0.045014604	0.999939478	1
Heart_Failure	dendritic_cell	<i>SP140</i>	-0.001430625	0.043968552	0.999939478	1
Heart_Failure	dendritic_cell	<i>TEKT3</i>	0.018553242	0.040159179	0.999939478	1
Heart_Failure	dendritic_cell	<i>TGFB1I1</i>	0.008683356	0.027983708	0.999939478	1
Heart_Failure	dendritic_cell	<i>TMC4</i>	-0.006512061	0.041680859	0.999939478	1
Heart_Failure	dendritic_cell	<i>TMEM116</i>	-0.003359447	0.022993225	0.999939478	1
Heart_Failure	dendritic_cell	<i>TMEM128</i>	0.0065273	0.027713455	0.999939478	1
Heart_Failure	dendritic_cell	<i>TRABD2B</i>	0.003413007	0.016877565	0.999939478	1
Heart_Failure	dendritic_cell	<i>TREML4</i>	-0.003941813	0.030052167	0.999939478	1
Heart_Failure	dendritic_cell	<i>WDR66</i>	0.008712447	0.042938738	0.999939478	1
Heart_Failure	dendritic_cell	<i>ZNF100</i>	0.001740556	0.048235396	0.999939478	1
Heart_Failure	dendritic_cell	<i>ZNF507</i>	-0.002362171	0.049656559	0.999939478	1
Heart_Failure	dendritic_cell	<i>ZNF660</i>	-0.010006406	0.02955923	0.999939478	1
Heart_Failure	dendritic_cell	<i>CCL4L2</i>	-0.012805843	0.030586998	0.999939478	1
Heart_Failure	endometrium	<i>AC131971.1</i>	-0.031002065	0.040105955	0.999991114	1
Heart_Failure	endometrium	<i>ARGLU1</i>	0.000718764	0.042905372	0.999991114	1
Heart_Failure	endometrium	<i>ASB4</i>	-0.020644736	0.024946764	0.999991114	1

Heart_Failure	endometrium	<i>ATP5H</i>	0.003043523	0.023690571	0.999991114	1
Heart_Failure	endometrium	<i>CBWD1</i>	-0.006123796	0.033919659	0.999991114	1
Heart_Failure	endometrium	<i>CNKSRI</i>	-0.008872531	0.024040838	0.999991114	1
Heart_Failure	endometrium	<i>CRTAC1</i>	0.015815661	0.021525968	0.999991114	1
Heart_Failure	endometrium	<i>CXCL16</i>	-0.003663191	0.029448659	0.999991114	1
Heart_Failure	endometrium	<i>FAM160B1</i>	0.001727128	0.041237887	0.999991114	1
Heart_Failure	endometrium	<i>FAM72B</i>	0.010016276	0.026354878	0.999991114	1
Heart_Failure	endometrium	<i>FAM86B1</i>	-0.04032673	0.018934466	0.999991114	1
Heart_Failure	endometrium	<i>FGGY</i>	-0.001947366	0.009606486	0.999991114	1
Heart_Failure	endometrium	<i>GALNT8</i>	0.022455608	0.00522409	0.999991114	1
Heart_Failure	endometrium	<i>HDDC3</i>	-0.007180413	0.032134261	0.999991114	1
Heart_Failure	endometrium	<i>HIP1</i>	0.000938685	0.029709357	0.999991114	1
Heart_Failure	endometrium	<i>HYI</i>	0.005272855	0.02356399	0.999991114	1
Heart_Failure	endometrium	<i>KANSL2</i>	0.006322215	0.042258129	0.999991114	1
Heart_Failure	endometrium	<i>LAMC2</i>	0.014757854	0.000381489	0.999991114	1
Heart_Failure	endometrium	<i>LCLAT1</i>	-0.001705954	0.039744262	0.999991114	1
Heart_Failure	endometrium	<i>LINC00987</i>	-0.006694972	0.008552213	0.999991114	1
Heart_Failure	endometrium	<i>MAK16</i>	0.006787804	0.01724618	0.999991114	1
Heart_Failure	endometrium	<i>MBOAT1</i>	0.002931167	0.025505604	0.999991114	1
Heart_Failure	endometrium	<i>PBLD</i>	0.00553067	0.029837268	0.999991114	1
Heart_Failure	endometrium	<i>PEPD</i>	-0.001668119	0.025462778	0.999991114	1
Heart_Failure	endometrium	<i>PHYH</i>	-0.004166148	0.01529941	0.999991114	1
Heart_Failure	endometrium	<i>PLCH2</i>	-0.01117664	0.046016047	0.999991114	1
Heart_Failure	endometrium	<i>PSMD2</i>	0.00525717	0.028341559	0.999991114	1
Heart_Failure	endometrium	<i>PTK6</i>	0.023319338	0.00240467	0.999991114	1
Heart_Failure	endometrium	<i>RAB15</i>	-0.007750322	0.016544705	0.999991114	1
Heart_Failure	endometrium	<i>RNF165</i>	0.004561037	0.043105861	0.999991114	1
Heart_Failure	endometrium	<i>RPIL1</i>	-0.019546349	0.029538618	0.999991114	1
Heart_Failure	endometrium	<i>RUFY2</i>	0.001977963	0.001198129	0.999991114	1
Heart_Failure	endometrium	<i>SERPINF2</i>	-0.008029458	0.006596952	0.999991114	1
Heart_Failure	endometrium	<i>TRIM66</i>	0.002759562	0.04344753	0.999991114	1
Heart_Failure	endometrium	<i>WFDC3</i>	-0.010445057	0.028366367	0.999991114	1
Heart_Failure	endometrium	<i>YPEL4</i>	-0.022769467	0.02550573	0.999991114	1
Heart_Failure	endometrium	<i>YY1</i>	0.001996963	0.000971754	0.999991114	1
Heart_Failure	endometrium	<i>ZFP41</i>	-0.01461401	0.04669806	0.999991114	1
Heart_Failure	endometrium	<i>HLA-DOB</i>	-0.014257254	0.019033878	0.999991114	1
Heart_Failure	endometrium	<i>HOXB9</i>	0.033113512	0.006031743	0.999991114	1
Heart_Failure	endothelial	<i>AL357673.1</i>	0.010336814	0.011604884	0.999863265	1
Heart_Failure	endothelial	<i>CIQL3</i>	-0.017585263	0.045950853	0.999863265	1
Heart_Failure	endothelial	<i>CAND1</i>	0.002150758	0.036699953	0.999863265	1
Heart_Failure	endothelial	<i>CCDC112</i>	0.002452289	0.032203021	0.999863265	1
Heart_Failure	endothelial	<i>CLUAP1</i>	0.003842349	0.037071842	0.999863265	1
Heart_Failure	endothelial	<i>DAAM2</i>	0.001356822	0.046262286	0.999863265	1
Heart_Failure	endothelial	<i>ENO3</i>	-0.012063517	0.042897674	0.999863265	1
Heart_Failure	endothelial	<i>FAM118A</i>	0.003734589	0.037341903	0.999863265	1
Heart_Failure	endothelial	<i>FBXO15</i>	0.01805609	0.031854241	0.999863265	1
Heart_Failure	endothelial	<i>FLCN</i>	0.004416027	0.038614821	0.999863265	1
Heart_Failure	endothelial	<i>GCFC2</i>	0.001525205	0.0269919	0.999863265	1
Heart_Failure	endothelial	<i>GMEB2</i>	0.005228513	0.037256701	0.999863265	1
Heart_Failure	endothelial	<i>GNRHR</i>	-0.009636792	0.006451268	0.999863265	1
Heart_Failure	endothelial	<i>KHK</i>	-0.017474639	0.048153599	0.999863265	1
Heart_Failure	endothelial	<i>METTL7B</i>	-0.049178886	0.047678894	0.999863265	1

Heart_Failure	endothelial	<i>MTBP</i>	0.002322788	0.030901544	0.999863265	1
Heart_Failure	endothelial	<i>NPIPA1</i>	-0.007304025	0.026962721	0.999863265	1
Heart_Failure	endothelial	<i>OCIAD1</i>	0.001631074	0.034843823	0.999863265	1
Heart_Failure	endothelial	<i>PCDHA3</i>	-0.077962927	0.039384873	0.999863265	1
Heart_Failure	endothelial	<i>PLEK2</i>	0.009937157	0.003070274	0.999863265	1
Heart_Failure	endothelial	<i>RAMP2-AS1</i>	0.005146386	0.045446803	0.999863265	1
Heart_Failure	endothelial	<i>RDH11</i>	0.003032009	0.032013611	0.999863265	1
Heart_Failure	endothelial	<i>SEPHS2</i>	-0.010299711	0.047312547	0.999863265	1
Heart_Failure	endothelial	<i>SLC20A2</i>	-0.002513072	0.04668608	0.999863265	1
Heart_Failure	endothelial	<i>SLC35E2B</i>	0.002940098	0.0135469	0.999863265	1
Heart_Failure	endothelial	<i>TBX2</i>	-0.002938629	0.016290685	0.999863265	1
Heart_Failure	endothelial	<i>TNFRSF10A</i>	-0.004613438	0.042583195	0.999863265	1
Heart_Failure	endothelial	<i>WDR36</i>	0.001986175	0.040201201	0.999863265	1
Heart_Failure	endothelial	<i>KIR3DL1</i>	-0.03003841	0.020373005	0.999863265	1
Heart_Failure	endothelial	<i>LINC00619</i>	-0.031949999	0.019532398	0.999863265	1
Heart_Failure	LEC	<i>ACCS</i>	0.004685535	0.045201549	0.999970393	1
Heart_Failure	LEC	<i>ACOX3</i>	0.003558006	0.046768685	0.999970393	1
Heart_Failure	LEC	<i>ACVRL1</i>	0.006253626	0.042217049	0.999970393	1
Heart_Failure	LEC	<i>APIAR</i>	-0.002945692	0.045497619	0.999970393	1
Heart_Failure	LEC	<i>ARHGEF19</i>	-0.008121484	0.047091058	0.999970393	1
Heart_Failure	LEC	<i>ATP6V0D2</i>	0.014053822	0.044857926	0.999970393	1
Heart_Failure	LEC	<i>ATXN10</i>	0.0008817	0.043520471	0.999970393	1
Heart_Failure	LEC	<i>BRCA2</i>	0.008557462	0.045556511	0.999970393	1
Heart_Failure	LEC	<i>CCDC154</i>	0.006122826	0.04165187	0.999970393	1
Heart_Failure	LEC	<i>CPS1</i>	0.011056227	0.009263038	0.999970393	1
Heart_Failure	LEC	<i>CRYBB2</i>	-0.019176484	0.008736111	0.999970393	1
Heart_Failure	LEC	<i>CXCL6</i>	-0.012092205	0.013700576	0.999970393	1
Heart_Failure	LEC	<i>DDIT4L</i>	0.019062483	0.031392362	0.999970393	1
Heart_Failure	LEC	<i>DUSP23</i>	0.008378021	0.027197811	0.999970393	1
Heart_Failure	LEC	<i>F2RL1</i>	0.04294169	0.028606003	0.999970393	1
Heart_Failure	LEC	<i>FAM196A</i>	0.001993333	0.038875953	0.999970393	1
Heart_Failure	LEC	<i>FZD9</i>	0.058117202	0.044495105	0.999970393	1
Heart_Failure	LEC	<i>GOT2</i>	0.00306965	0.047768448	0.999970393	1
Heart_Failure	LEC	<i>HYI</i>	0.00609773	0.008556245	0.999970393	1
Heart_Failure	LEC	<i>JAKMIP3</i>	0.022931107	0.00972	0.999970393	1
Heart_Failure	LEC	<i>KCNS3</i>	0.004011995	0.036519147	0.999970393	1
Heart_Failure	LEC	<i>LAMC2</i>	0.008272376	0.045029765	0.999970393	1
Heart_Failure	LEC	<i>LDLRAD2</i>	0.013113349	0.044465494	0.999970393	1
Heart_Failure	LEC	<i>LTBR</i>	0.004199179	0.039536983	0.999970393	1
Heart_Failure	LEC	<i>LYGI</i>	0.020974394	0.005559963	0.999970393	1
Heart_Failure	LEC	<i>LYSMD4</i>	0.007349198	0.018128915	0.999970393	1
Heart_Failure	LEC	<i>MXRA7</i>	0.010276941	0.011812528	0.999970393	1
Heart_Failure	LEC	<i>NALCN</i>	0.00258495	0.040492394	0.999970393	1
Heart_Failure	LEC	<i>NFUI</i>	0.002307685	0.041040915	0.999970393	1
Heart_Failure	LEC	<i>NPIPA1</i>	0.006904215	0.03698708	0.999970393	1
Heart_Failure	LEC	<i>PENK</i>	0.065592271	0.038016294	0.999970393	1
Heart_Failure	LEC	<i>PES1</i>	0.003403826	0.033451644	0.999970393	1
Heart_Failure	LEC	<i>PLA2G10</i>	0.014268674	0.012320028	0.999970393	1
Heart_Failure	LEC	<i>PNMT</i>	0.045062047	0.019219267	0.999970393	1
Heart_Failure	LEC	<i>PPCDC</i>	0.002143377	0.039465407	0.999970393	1
Heart_Failure	LEC	<i>PSMD5</i>	0.002257591	0.035343001	0.999970393	1
Heart_Failure	LEC	<i>RAPGEF6</i>	-0.005515597	0.049242887	0.999970393	1

Heart_Failure	LEC	<i>RBM20</i>	0.003671196	0.040301887	0.999970393	1
Heart_Failure	LEC	<i>RCN2</i>	0.00355283	0.02178122	0.999970393	1
Heart_Failure	LEC	<i>SLC2A8</i>	0.008367047	0.022127126	0.999970393	1
Heart_Failure	LEC	<i>SLC6A7</i>	0.053094152	0.031206969	0.999970393	1
Heart_Failure	LEC	<i>SPATA33</i>	0.004196004	0.026623925	0.999970393	1
Heart_Failure	LEC	<i>THAP5</i>	-0.007662108	0.036332146	0.999970393	1
Heart_Failure	LEC	<i>TMEM216</i>	0.007224188	0.042958815	0.999970393	1
Heart_Failure	LEC	<i>TMEM252</i>	0.027221268	0.044351669	0.999970393	1
Heart_Failure	LEC	<i>ULK3</i>	-0.004265497	0.047938174	0.999970393	1
Heart_Failure	LEC	<i>ULK4</i>	0.00095669	0.043486514	0.999970393	1
Heart_Failure	LEC	<i>VPS16</i>	0.003989454	0.026418165	0.999970393	1
Heart_Failure	LEC	<i>VPS28</i>	0.003546541	0.035251663	0.999970393	1
Heart_Failure	LEC	<i>WDR5B</i>	0.010673428	0.027336443	0.999970393	1
Heart_Failure	LEC	<i>ZFPM1</i>	-0.006018513	0.035221027	0.999970393	1
Heart_Failure	macrophage	<i>AC004466.1</i>	0.045539833	0.026414829	0.999905821	1
Heart_Failure	macrophage	<i>AL590822.1</i>	-0.013321421	0.033420371	0.999905821	1
Heart_Failure	macrophage	<i>ATP5G2</i>	-0.001612893	0.03058186	0.999905821	1
Heart_Failure	macrophage	<i>C10orf25</i>	0.041258488	0.03510434	0.999905821	1
Heart_Failure	macrophage	<i>CCDC112</i>	0.003016399	0.008628888	0.999905821	1
Heart_Failure	macrophage	<i>CRTAP</i>	0.005063008	0.001244546	0.999905821	1
Heart_Failure	macrophage	<i>DNAJC6</i>	-0.003824879	0.045994882	0.999905821	1
Heart_Failure	macrophage	<i>DOCK5</i>	0.000835532	0.044540114	0.999905821	1
Heart_Failure	macrophage	<i>EIF2B3</i>	0.001346765	0.049645106	0.999905821	1
Heart_Failure	macrophage	<i>EXOC2</i>	0.002097179	0.028452307	0.999905821	1
Heart_Failure	macrophage	<i>FAHD1</i>	0.006804432	0.039737372	0.999905821	1
Heart_Failure	macrophage	<i>FAM114A1</i>	0.003294365	0.021565566	0.999905821	1
Heart_Failure	macrophage	<i>FAM35A</i>	0.001720538	0.043054123	0.999905821	1
Heart_Failure	macrophage	<i>FAM83B</i>	0.029825812	0.031654368	0.999905821	1
Heart_Failure	macrophage	<i>FAM86C1</i>	0.018061527	0.015662829	0.999905821	1
Heart_Failure	macrophage	<i>GEMIN4</i>	-0.008255975	0.022130748	0.999905821	1
Heart_Failure	macrophage	<i>HAAO</i>	-0.002578155	0.045648083	0.999905821	1
Heart_Failure	macrophage	<i>JKAMP</i>	0.003888974	0.014381952	0.999905821	1
Heart_Failure	macrophage	<i>KSR1</i>	0.002458626	0.029303759	0.999905821	1
Heart_Failure	macrophage	<i>L3MBTL2</i>	0.00590891	0.049369235	0.999905821	1
Heart_Failure	macrophage	<i>LBX2</i>	0.016439605	0.030011688	0.999905821	1
Heart_Failure	macrophage	<i>LIPT1</i>	0.00380797	0.0325841	0.999905821	1
Heart_Failure	macrophage	<i>LLGL2</i>	0.002132345	0.048035653	0.999905821	1
Heart_Failure	macrophage	<i>MED15</i>	0.0015559	0.034478615	0.999905821	1
Heart_Failure	macrophage	<i>MMP27</i>	-0.048829085	0.030362062	0.999905821	1
Heart_Failure	macrophage	<i>MOGS</i>	0.006042094	0.02794055	0.999905821	1
Heart_Failure	macrophage	<i>NDUFA3</i>	-0.003722548	0.018816137	0.999905821	1
Heart_Failure	macrophage	<i>NUDT2</i>	0.004260017	0.034174094	0.999905821	1
Heart_Failure	macrophage	<i>NUP85</i>	0.00317326	0.021665138	0.999905821	1
Heart_Failure	macrophage	<i>PDZK1IP1</i>	0.01462145	0.046431878	0.999905821	1
Heart_Failure	macrophage	<i>PM20D1</i>	0.012116664	0.032337442	0.999905821	1
Heart_Failure	macrophage	<i>POLM</i>	-0.003237237	0.018632698	0.999905821	1
Heart_Failure	macrophage	<i>QRSL1</i>	-0.002650487	0.021051654	0.999905821	1
Heart_Failure	macrophage	<i>RABL2B</i>	0.003652624	0.048319137	0.999905821	1
Heart_Failure	macrophage	<i>SFXN3</i>	0.002943222	0.03907198	0.999905821	1
Heart_Failure	macrophage	<i>SH3PXD2B</i>	0.001615987	0.005111248	0.999905821	1
Heart_Failure	macrophage	<i>SIL1</i>	0.001140963	0.021475676	0.999905821	1
Heart_Failure	macrophage	<i>SLC1A1</i>	0.004665933	0.026243719	0.999905821	1

Heart_Failure	macrophage	<i>SNX32</i>	0.007896162	0.031246294	0.999905821	1
Heart_Failure	macrophage	<i>SRGAP3</i>	0.002420973	0.028997576	0.999905821	1
Heart_Failure	macrophage	<i>TNFRSF18</i>	-0.008218891	0.013327773	0.999905821	1
Heart_Failure	macrophage	<i>TTC32</i>	-0.006665699	0.027148269	0.999905821	1
Heart_Failure	macrophage	<i>UHRF1BP1</i>	0.001874445	0.02684009	0.999905821	1
Heart_Failure	macrophage	<i>USP38</i>	0.004927901	0.039284931	0.999905821	1
Heart_Failure	macrophage	<i>YTHDF3-AS1</i>	0.016548713	0.009511651	0.999905821	1
Heart_Failure	macrophage	<i>YY1</i>	0.001361977	0.025621134	0.999905821	1
Heart_Failure	macrophage	<i>PRSS46</i>	-0.003020165	0.04318939	0.999905821	1
Heart_Failure	mast_cell	<i>ABCD3</i>	-0.001897632	0.034584167	0.99994871	1
Heart_Failure	mast_cell	<i>ACAD9</i>	0.004780334	0.042406372	0.99994871	1
Heart_Failure	mast_cell	<i>ADO</i>	0.013332638	0.035526069	0.99994871	1
Heart_Failure	mast_cell	<i>APOBEC3C</i>	-0.006860026	0.029838599	0.99994871	1
Heart_Failure	mast_cell	<i>ARHGEF25</i>	-0.008268063	0.041284397	0.99994871	1
Heart_Failure	mast_cell	<i>DUSP8</i>	-0.015710299	0.005700468	0.99994871	1
Heart_Failure	mast_cell	<i>EFS</i>	0.00427728	0.028693096	0.99994871	1
Heart_Failure	mast_cell	<i>EZHI</i>	0.00238271	0.045041222	0.99994871	1
Heart_Failure	mast_cell	<i>G6PC3</i>	-0.009112282	0.029707932	0.99994871	1
Heart_Failure	mast_cell	<i>ITGB3BP</i>	0.001868052	0.021971435	0.99994871	1
Heart_Failure	mast_cell	<i>LRPPRC</i>	0.001848495	0.03921563	0.99994871	1
Heart_Failure	mast_cell	<i>LSG1</i>	-0.002518555	0.029883319	0.99994871	1
Heart_Failure	mast_cell	<i>LYSMD4</i>	0.006405872	0.040330285	0.99994871	1
Heart_Failure	mast_cell	<i>MCM10</i>	0.026683147	0.039834214	0.99994871	1
Heart_Failure	mast_cell	<i>MPHOSPH6</i>	0.002196007	0.041181035	0.99994871	1
Heart_Failure	mast_cell	<i>MTG2</i>	0.00449189	0.010056128	0.99994871	1
Heart_Failure	mast_cell	<i>NIM1K</i>	-0.049056073	0.033662209	0.99994871	1
Heart_Failure	mast_cell	<i>NRXN2</i>	-0.010522917	0.037637102	0.99994871	1
Heart_Failure	mast_cell	<i>NT5M</i>	-0.006962733	0.04757159	0.99994871	1
Heart_Failure	mast_cell	<i>PCDHB12</i>	-0.023238925	0.032336317	0.99994871	1
Heart_Failure	mast_cell	<i>PCYOX1L</i>	0.007808227	0.024278801	0.99994871	1
Heart_Failure	mast_cell	<i>PMEL</i>	-0.008601747	0.041077702	0.99994871	1
Heart_Failure	mast_cell	<i>PNKD</i>	0.003755612	0.009860851	0.99994871	1
Heart_Failure	mast_cell	<i>RNF14</i>	-0.003488158	0.028575976	0.99994871	1
Heart_Failure	mast_cell	<i>SH3PXD2B</i>	0.001244485	0.031036614	0.99994871	1
Heart_Failure	mast_cell	<i>SKIV2L</i>	0.009465469	0.026914839	0.99994871	1
Heart_Failure	mast_cell	<i>SLC26A5</i>	0.001929611	0.043307267	0.99994871	1
Heart_Failure	mast_cell	<i>SMAD5</i>	0.001825651	0.017536941	0.99994871	1
Heart_Failure	mast_cell	<i>SNX1</i>	0.001473365	0.024429583	0.99994871	1
Heart_Failure	mast_cell	<i>SP140</i>	-0.00152083	0.031667717	0.99994871	1
Heart_Failure	mast_cell	<i>TNFRSF18</i>	-0.006876424	0.038834404	0.99994871	1
Heart_Failure	mast_cell	<i>TRIM66</i>	-0.003005475	0.027409808	0.99994871	1
Heart_Failure	mast_cell	<i>UGP2</i>	0.001710796	0.028081924	0.99994871	1
Heart_Failure	mast_cell	<i>YWHAZ</i>	0.001096279	0.038255608	0.99994871	1
Heart_Failure	mast_cell	<i>ZNF846</i>	-0.001255044	0.037118778	0.99994871	1
Heart_Failure	mast_cell	<i>PCDH10</i>	-0.01162497	0.031267004	0.99994871	1
Heart_Failure	mast_cell	<i>B3GNT3</i>	-0.020822131	0.048447988	0.99994871	1
Heart_Failure	mesothelium	<i>ADCK1</i>	0.003098593	0.042694464	0.999019562	1
Heart_Failure	mesothelium	<i>ADH4</i>	0.00464467	0.040818429	0.999019562	1
Heart_Failure	mesothelium	<i>AP2S1</i>	-0.0028325	0.009378795	0.999019562	1
Heart_Failure	mesothelium	<i>C10orf107</i>	0.007614329	0.004577248	0.999019562	1
Heart_Failure	mesothelium	<i>C1orf43</i>	0.002932697	0.008744528	0.999019562	1
Heart_Failure	mesothelium	<i>C2orf88</i>	0.00313372	0.014995937	0.999019562	1

Heart_Failure	mesothelium	<i>CLHC1</i>	0.004139116	0.020690562	0.999019562	1
Heart_Failure	mesothelium	<i>DHX34</i>	-0.002854605	0.011000273	0.999019562	1
Heart_Failure	mesothelium	<i>ENPP1</i>	0.004319298	0.030977912	0.999019562	1
Heart_Failure	mesothelium	<i>FAM83B</i>	-0.030415873	0.026740932	0.999019562	1
Heart_Failure	mesothelium	<i>FXVD2</i>	0.022340571	0.032197309	0.999019562	1
Heart_Failure	mesothelium	<i>FXVD6</i>	0.010295651	0.026231347	0.999019562	1
Heart_Failure	mesothelium	<i>GALNT8</i>	0.017800582	0.025523518	0.999019562	1
Heart_Failure	mesothelium	<i>GPN3</i>	0.003836835	0.045292032	0.999019562	1
Heart_Failure	mesothelium	<i>INVS</i>	0.002138553	0.017927087	0.999019562	1
Heart_Failure	mesothelium	<i>ISLR2</i>	0.023111522	0.039803978	0.999019562	1
Heart_Failure	mesothelium	<i>ITGB6</i>	0.024384687	0.007813984	0.999019562	1
Heart_Failure	mesothelium	<i>KNSTRN</i>	0.007078573	0.028810355	0.999019562	1
Heart_Failure	mesothelium	<i>LITAF</i>	-0.000550454	0.021653959	0.999019562	1
Heart_Failure	mesothelium	<i>MCM6</i>	0.010092276	0.000309212	0.999019562	1
Heart_Failure	mesothelium	<i>NFYA</i>	-0.004881132	0.04715011	0.999019562	1
Heart_Failure	mesothelium	<i>NLRP2</i>	-0.014094142	0.01486709	0.999019562	1
Heart_Failure	mesothelium	<i>PLA2G10</i>	0.012848953	0.024710733	0.999019562	1
Heart_Failure	mesothelium	<i>PNMA2</i>	0.021060833	0.02804037	0.999019562	1
Heart_Failure	mesothelium	<i>PRDM15</i>	0.00538269	0.021255842	0.999019562	1
Heart_Failure	mesothelium	<i>RABGEF1</i>	0.008841084	0.024950388	0.999019562	1
Heart_Failure	mesothelium	<i>RAD9A</i>	0.002281987	0.013707544	0.999019562	1
Heart_Failure	mesothelium	<i>RGS16</i>	0.012875503	0.024254714	0.999019562	1
Heart_Failure	mesothelium	<i>RHCE</i>	-0.020858092	0.013123853	0.999019562	1
Heart_Failure	mesothelium	<i>RHOD</i>	0.011648711	0.042874422	0.999019562	1
Heart_Failure	mesothelium	<i>SC5D</i>	0.005287613	0.044777069	0.999019562	1
Heart_Failure	mesothelium	<i>SCN2B</i>	0.019878305	0.049093978	0.999019562	1
Heart_Failure	mesothelium	<i>SEC22A</i>	-0.00168663	0.008500846	0.999019562	1
Heart_Failure	mesothelium	<i>SLC37A4</i>	-0.011114335	0.038046107	0.999019562	1
Heart_Failure	mesothelium	<i>STX17</i>	0.002001402	0.029903502	0.999019562	1
Heart_Failure	mesothelium	<i>SYNM</i>	0.006214246	0.042059501	0.999019562	1
Heart_Failure	mesothelium	<i>TMEM206</i>	0.004486646	0.048951824	0.999019562	1
Heart_Failure	mesothelium	<i>TRIOBP</i>	0.002075744	0.042910752	0.999019562	1
Heart_Failure	mesothelium	<i>UBQLN1</i>	0.001662101	0.030963112	0.999019562	1
Heart_Failure	mesothelium	<i>ZNF575</i>	0.013288008	0.033299834	0.999019562	1
Heart_Failure	mesothelium	<i>ZNF781</i>	0.016829943	0.030308149	0.999019562	1
Heart_Failure	mesothelium	<i>ZNF793</i>	0.005449897	0.036240933	0.999019562	1
Heart_Failure	monocyte	<i>AMPH</i>	-0.004713003	0.018217158	0.999633467	1
Heart_Failure	monocyte	<i>ANAPC4</i>	0.00393476	0.037561929	0.999633467	1
Heart_Failure	monocyte	<i>ARHGAP19</i>	0.014537978	0.027481976	0.999633467	1
Heart_Failure	monocyte	<i>ARL6IP5</i>	-0.001599868	0.020049753	0.999633467	1
Heart_Failure	monocyte	<i>CACNG8</i>	-0.046507834	0.01985282	0.999633467	1
Heart_Failure	monocyte	<i>CARD10</i>	0.006364091	0.049268084	0.999633467	1
Heart_Failure	monocyte	<i>CCDC127</i>	0.011110582	0.008679732	0.999633467	1
Heart_Failure	monocyte	<i>CDC6</i>	0.012188369	0.026362586	0.999633467	1
Heart_Failure	monocyte	<i>CDIP1</i>	0.003472672	0.041259274	0.999633467	1
Heart_Failure	monocyte	<i>CRYBB3</i>	0.034589735	0.028036453	0.999633467	1
Heart_Failure	monocyte	<i>DAWI</i>	0.02297167	0.03115869	0.999633467	1
Heart_Failure	monocyte	<i>DCN</i>	0.00057525	0.015286237	0.999633467	1
Heart_Failure	monocyte	<i>ELAC2</i>	0.003909665	0.037594498	0.999633467	1
Heart_Failure	monocyte	<i>EMILIN3</i>	-0.032503778	0.018289734	0.999633467	1
Heart_Failure	monocyte	<i>FOLR1</i>	0.010443938	0.001561594	0.999633467	1
Heart_Failure	monocyte	<i>GFOD2</i>	0.006891806	0.033236459	0.999633467	1

Heart_Failure	monocyte	<i>GMEB2</i>	0.005266155	0.036304814	0.999633467	1
Heart_Failure	monocyte	<i>GPR137B</i>	0.002591571	0.021480541	0.999633467	1
Heart_Failure	monocyte	<i>HAUS1</i>	-0.008536874	0.036888541	0.999633467	1
Heart_Failure	monocyte	<i>ING3</i>	0.003524086	0.014024375	0.999633467	1
Heart_Failure	monocyte	<i>INVS</i>	0.001924876	0.033186086	0.999633467	1
Heart_Failure	monocyte	<i>LINC00115</i>	-0.00812788	0.00451704	0.999633467	1
Heart_Failure	monocyte	<i>LTBR</i>	0.004567127	0.025318141	0.999633467	1
Heart_Failure	monocyte	<i>LYRM2</i>	0.00557198	0.00060863	0.999633467	1
Heart_Failure	monocyte	<i>MAST2</i>	0.002614572	0.022236891	0.999633467	1
Heart_Failure	monocyte	<i>MFSD5</i>	0.013221854	0.044125871	0.999633467	1
Heart_Failure	monocyte	<i>MIAT</i>	-0.005062381	0.039666982	0.999633467	1
Heart_Failure	monocyte	<i>MRPL21</i>	0.004926399	0.030954229	0.999633467	1
Heart_Failure	monocyte	<i>MTF1</i>	0.003404034	0.031658293	0.999633467	1
Heart_Failure	monocyte	<i>NALCN</i>	0.00255673	0.042859007	0.999633467	1
Heart_Failure	monocyte	<i>NCOR1</i>	0.001207512	0.025450787	0.999633467	1
Heart_Failure	monocyte	<i>NMRAL1</i>	-0.003967541	0.047257404	0.999633467	1
Heart_Failure	monocyte	<i>NUSAP1</i>	0.006256989	0.006201863	0.999633467	1
Heart_Failure	monocyte	<i>NXNL1</i>	-0.041063476	0.023656668	0.999633467	1
Heart_Failure	monocyte	<i>PENK</i>	-0.079456943	0.012217091	0.999633467	1
Heart_Failure	monocyte	<i>PGM5</i>	0.001239195	0.038087083	0.999633467	1
Heart_Failure	monocyte	<i>PLCD3</i>	0.005212797	0.043819307	0.999633467	1
Heart_Failure	monocyte	<i>PLOD1</i>	0.00943064	0.047370737	0.999633467	1
Heart_Failure	monocyte	<i>PMS1</i>	-0.001713918	0.019793325	0.999633467	1
Heart_Failure	monocyte	<i>PPIL2</i>	0.002383795	0.010587702	0.999633467	1
Heart_Failure	monocyte	<i>PPP1R3C</i>	0.005122303	0.015149333	0.999633467	1
Heart_Failure	monocyte	<i>RAB24</i>	-0.024539057	0.046401024	0.999633467	1
Heart_Failure	monocyte	<i>RET</i>	-0.010889468	0.006589	0.999633467	1
Heart_Failure	monocyte	<i>SH2D2A</i>	-0.010622055	0.032340357	0.999633467	1
Heart_Failure	monocyte	<i>SH3PXD2B</i>	0.00119272	0.038539162	0.999633467	1
Heart_Failure	monocyte	<i>SLC12A2</i>	0.001377641	0.012504141	0.999633467	1
Heart_Failure	monocyte	<i>SUSD2</i>	-0.00974465	0.047397076	0.999633467	1
Heart_Failure	monocyte	<i>SVIP</i>	0.002346461	0.029964473	0.999633467	1
Heart_Failure	monocyte	<i>TEX14</i>	0.008060197	0.042831656	0.999633467	1
Heart_Failure	monocyte	<i>TMEM11</i>	0.00502203	0.022339828	0.999633467	1
Heart_Failure	monocyte	<i>UGP2</i>	0.001739997	0.025638119	0.999633467	1
Heart_Failure	monocyte	<i>UTS2</i>	-0.011405882	0.008684421	0.999633467	1
Heart_Failure	monocyte	<i>ZSCAN18</i>	0.002010795	0.035399985	0.999633467	1
Heart_Failure	monocyte	<i>SLC12A5</i>	0.027830649	0.03933761	0.999633467	1
Heart_Failure	monocyte	<i>LGALS9B</i>	-0.003115462	0.039878416	0.999633467	1
Heart_Failure	neutrophil	<i>ABHD1</i>	0.006362207	0.009853649	0.999188447	1
Heart_Failure	neutrophil	<i>AC004466.1</i>	0.044010526	0.029874738	0.999188447	1
Heart_Failure	neutrophil	<i>ACAD9</i>	0.006817006	0.003672228	0.999188447	1
Heart_Failure	neutrophil	<i>ARHGEF33</i>	0.017674001	0.045808543	0.999188447	1
Heart_Failure	neutrophil	<i>C12orf73</i>	0.004703599	0.04515289	0.999188447	1
Heart_Failure	neutrophil	<i>C17orf107</i>	-0.044651498	0.008496596	0.999188447	1
Heart_Failure	neutrophil	<i>CEP72</i>	0.010174125	0.012287328	0.999188447	1
Heart_Failure	neutrophil	<i>CHRNE</i>	-0.016832102	0.003259066	0.999188447	1
Heart_Failure	neutrophil	<i>CIAO1</i>	0.002797972	0.036560338	0.999188447	1
Heart_Failure	neutrophil	<i>CMBL</i>	0.007435506	0.02408742	0.999188447	1
Heart_Failure	neutrophil	<i>CMPK1</i>	0.002093626	0.034704904	0.999188447	1
Heart_Failure	neutrophil	<i>DLG5</i>	0.002753114	0.026879019	0.999188447	1
Heart_Failure	neutrophil	<i>DNLZ</i>	0.052829617	0.014284784	0.999188447	1

Heart_Failure	neutrophil	<i>DYNLL2</i>	0.006223513	0.041799284	0.999188447	1
Heart_Failure	neutrophil	<i>ELK4</i>	0.002623111	0.02715502	0.999188447	1
Heart_Failure	neutrophil	<i>EMILIN3</i>	0.035143518	0.010593749	0.999188447	1
Heart_Failure	neutrophil	<i>FADS2</i>	0.00230761	0.045504749	0.999188447	1
Heart_Failure	neutrophil	<i>FAM107A</i>	0.007519284	0.018838699	0.999188447	1
Heart_Failure	neutrophil	<i>FAM83B</i>	0.031389752	0.022814427	0.999188447	1
Heart_Failure	neutrophil	<i>GPR52</i>	0.051652632	0.009703413	0.999188447	1
Heart_Failure	neutrophil	<i>HMBS</i>	0.013419257	0.018139513	0.999188447	1
Heart_Failure	neutrophil	<i>HOXD10</i>	0.004225253	0.02153174	0.999188447	1
Heart_Failure	neutrophil	<i>ILF3-AS1</i>	0.006116285	0.028490459	0.999188447	1
Heart_Failure	neutrophil	<i>ING3</i>	0.002834894	0.046766003	0.999188447	1
Heart_Failure	neutrophil	<i>INSRR</i>	0.017321176	0.035333027	0.999188447	1
Heart_Failure	neutrophil	<i>KHK</i>	0.020094796	0.023292671	0.999188447	1
Heart_Failure	neutrophil	<i>LINC01068</i>	0.036440096	0.020431792	0.999188447	1
Heart_Failure	neutrophil	<i>LIPC</i>	0.006305941	0.026338138	0.999188447	1
Heart_Failure	neutrophil	<i>LMBRD2</i>	0.003029921	0.033666458	0.999188447	1
Heart_Failure	neutrophil	<i>LRRC41</i>	0.002998776	0.001519312	0.999188447	1
Heart_Failure	neutrophil	<i>NOXRED1</i>	0.021703779	0.020455456	0.999188447	1
Heart_Failure	neutrophil	<i>ODF2</i>	-0.00382825	0.035570845	0.999188447	1
Heart_Failure	neutrophil	<i>PAOX</i>	-0.006703482	0.019494392	0.999188447	1
Heart_Failure	neutrophil	<i>PDSS2</i>	-0.001844501	0.028135993	0.999188447	1
Heart_Failure	neutrophil	<i>PIK3R4</i>	0.002222455	0.026401099	0.999188447	1
Heart_Failure	neutrophil	<i>PPCDC</i>	0.002704632	0.009420039	0.999188447	1
Heart_Failure	neutrophil	<i>PRIMPOL</i>	0.001687336	0.014619851	0.999188447	1
Heart_Failure	neutrophil	<i>PRRT1</i>	0.021182017	0.047996914	0.999188447	1
Heart_Failure	neutrophil	<i>PSORS1C1</i>	0.008437579	0.048478871	0.999188447	1
Heart_Failure	neutrophil	<i>RBBP9</i>	0.008871821	0.026660407	0.999188447	1
Heart_Failure	neutrophil	<i>SAP25</i>	-0.076508937	0.007532926	0.999188447	1
Heart_Failure	neutrophil	<i>SF3B3</i>	0.002698243	0.007498408	0.999188447	1
Heart_Failure	neutrophil	<i>SKIV2L</i>	0.008736391	0.041781259	0.999188447	1
Heart_Failure	neutrophil	<i>SLC1A1</i>	0.004693178	0.025069021	0.999188447	1
Heart_Failure	neutrophil	<i>SLC23A3</i>	0.013617413	0.0270902	0.999188447	1
Heart_Failure	neutrophil	<i>SLC25A34</i>	0.012273288	0.046565311	0.999188447	1
Heart_Failure	neutrophil	<i>SLC35E4</i>	0.0047153	0.044524497	0.999188447	1
Heart_Failure	neutrophil	<i>SLC47A1</i>	0.007497035	0.021575059	0.999188447	1
Heart_Failure	neutrophil	<i>SMAD5</i>	0.002173203	0.004712467	0.999188447	1
Heart_Failure	neutrophil	<i>ST7L</i>	0.00203779	0.028433067	0.999188447	1
Heart_Failure	neutrophil	<i>STRIP1</i>	0.004385611	0.028296876	0.999188447	1
Heart_Failure	neutrophil	<i>STX2</i>	0.002292662	0.048099233	0.999188447	1
Heart_Failure	neutrophil	<i>TCTE1</i>	0.065156419	0.019929141	0.999188447	1
Heart_Failure	neutrophil	<i>TP53I13</i>	0.004495588	0.001929935	0.999188447	1
Heart_Failure	neutrophil	<i>TREML4</i>	0.004061049	0.024960976	0.999188447	1
Heart_Failure	neutrophil	<i>TRIOBP</i>	0.002042716	0.046302365	0.999188447	1
Heart_Failure	neutrophil	<i>TRPT1</i>	0.013247328	0.03994995	0.999188447	1
Heart_Failure	neutrophil	<i>TTC4</i>	0.015354799	0.021303319	0.999188447	1
Heart_Failure	neutrophil	<i>TXNL4A</i>	0.001787433	0.039735101	0.999188447	1
Heart_Failure	neutrophil	<i>VIPAS39</i>	-0.0043393	0.013443285	0.999188447	1
Heart_Failure	neutrophil	<i>WDR90</i>	0.00887912	0.048647037	0.999188447	1
Heart_Failure	neutrophil	<i>ZBTB20</i>	0.000496907	0.005953223	0.999188447	1
Heart_Failure	neutrophil	<i>ZNF891</i>	-0.003469922	0.038264231	0.999188447	1
Heart_Failure	neutrophil	<i>ZNF91</i>	0.001653411	0.048536427	0.999188447	1
Heart_Failure	neutrophil	<i>ZSCAN18</i>	0.001882049	0.049531615	0.999188447	1

Heart_Failure	neutrophil	<i>ZSWIM5</i>	0.003737323	0.04099481	0.999188447	1
Heart_Failure	neutrophil	<i>KLHDC7A</i>	0.005705987	0.012025395	0.999188447	1
Heart_Failure	nk_cell	<i>C17orf97</i>	0.006411904	0.041542267	0.999938724	1
Heart_Failure	nk_cell	<i>CASP7</i>	0.004049599	0.029456179	0.999938724	1
Heart_Failure	nk_cell	<i>CDC25A</i>	0.019778789	0.021042819	0.999938724	1
Heart_Failure	nk_cell	<i>CEBPZ</i>	0.001445087	0.042395857	0.999938724	1
Heart_Failure	nk_cell	<i>CLCN6</i>	0.006405896	0.006749599	0.999938724	1
Heart_Failure	nk_cell	<i>EFS</i>	-0.004033172	0.040156729	0.999938724	1
Heart_Failure	nk_cell	<i>FIGLA</i>	-0.013920794	0.033270952	0.999938724	1
Heart_Failure	nk_cell	<i>GLP1R</i>	0.04154725	0.048352388	0.999938724	1
Heart_Failure	nk_cell	<i>HMBS</i>	0.013504	0.017093801	0.999938724	1
Heart_Failure	nk_cell	<i>MAPK8IP2</i>	-0.022624608	0.034313962	0.999938724	1
Heart_Failure	nk_cell	<i>NDNF</i>	0.012279785	0.036371838	0.999938724	1
Heart_Failure	nk_cell	<i>NEIL2</i>	-0.007410057	0.035112505	0.999938724	1
Heart_Failure	nk_cell	<i>NRM</i>	0.017244649	0.029536191	0.999938724	1
Heart_Failure	nk_cell	<i>PLEK2</i>	-0.007437637	0.02581878	0.999938724	1
Heart_Failure	nk_cell	<i>PYCR2</i>	0.014965004	0.044907089	0.999938724	1
Heart_Failure	nk_cell	<i>RAB15</i>	-0.006835706	0.035907084	0.999938724	1
Heart_Failure	nk_cell	<i>RGS22</i>	0.002094778	0.048484147	0.999938724	1
Heart_Failure	nk_cell	<i>SAP25</i>	0.062027625	0.032766261	0.999938724	1
Heart_Failure	nk_cell	<i>SEMA6C</i>	0.012727985	0.015326577	0.999938724	1
Heart_Failure	nk_cell	<i>SEZ6L2</i>	-0.006800846	0.032401644	0.999938724	1
Heart_Failure	nk_cell	<i>SH3GLB2</i>	0.005268939	0.0225479	0.999938724	1
Heart_Failure	nk_cell	<i>SLC12A7</i>	0.002176057	0.01526988	0.999938724	1
Heart_Failure	nk_cell	<i>WDSUB1</i>	0.002955013	0.03800351	0.999938724	1
Heart_Failure	nk_cell	<i>ZNF233</i>	0.009459887	0.020929233	0.999938724	1
Heart_Failure	nk_cell	<i>ZNF264</i>	0.002764443	0.010549683	0.999938724	1
Heart_Failure	nk_cell	<i>KLHDC7A</i>	-0.004460973	0.04803727	0.999938724	1
Heart_Failure	nk_cell	<i>OR52N1</i>	0.009423022	0.037280727	0.999938724	1
Heart_Failure	pericyte	<i>ACAD10</i>	0.003668035	0.04568258	0.999908501	1
Heart_Failure	pericyte	<i>ATP5H</i>	0.002981778	0.027548534	0.999908501	1
Heart_Failure	pericyte	<i>ATP6AP1L</i>	0.003307407	0.03022718	0.999908501	1
Heart_Failure	pericyte	<i>CLCA4</i>	0.045787122	0.008917359	0.999908501	1
Heart_Failure	pericyte	<i>COX15</i>	-0.002719301	0.041314963	0.999908501	1
Heart_Failure	pericyte	<i>CRYBB2</i>	-0.0179434	0.015240052	0.999908501	1
Heart_Failure	pericyte	<i>DROSHA</i>	0.001814869	0.043564493	0.999908501	1
Heart_Failure	pericyte	<i>FAM111A</i>	0.002328232	0.024353282	0.999908501	1
Heart_Failure	pericyte	<i>GIMAP5</i>	0.006915365	0.033672228	0.999908501	1
Heart_Failure	pericyte	<i>GOLGA6L10</i>	-0.026067937	0.041381217	0.999908501	1
Heart_Failure	pericyte	<i>KIAA1468</i>	0.001207245	0.016655574	0.999908501	1
Heart_Failure	pericyte	<i>LDB3</i>	-0.002235816	0.019628778	0.999908501	1
Heart_Failure	pericyte	<i>LINC00174</i>	-0.002751506	0.009528462	0.999908501	1
Heart_Failure	pericyte	<i>MBLAC1</i>	0.009945347	0.047153217	0.999908501	1
Heart_Failure	pericyte	<i>MBOAT1</i>	0.002930444	0.025654734	0.999908501	1
Heart_Failure	pericyte	<i>PEX5</i>	0.016545567	0.031891254	0.999908501	1
Heart_Failure	pericyte	<i>PF4</i>	0.00331087	0.025628853	0.999908501	1
Heart_Failure	pericyte	<i>PHYH</i>	-0.00407229	0.017462009	0.999908501	1
Heart_Failure	pericyte	<i>PPIE</i>	0.004406904	0.02024892	0.999908501	1
Heart_Failure	pericyte	<i>PRKAB2</i>	-0.005488182	0.045107046	0.999908501	1
Heart_Failure	pericyte	<i>SDC3</i>	0.005811631	0.045303876	0.999908501	1
Heart_Failure	pericyte	<i>TOX2</i>	0.00503637	0.049877393	0.999908501	1
Heart_Failure	pericyte	<i>TXNL4A</i>	0.001859831	0.034402676	0.999908501	1

Heart_Failure	pericyte	<i>WDFY3</i>	0.000809868	0.036774604	0.999908501	1
Heart_Failure	pericyte	<i>ZNF507</i>	-0.002680997	0.026933213	0.999908501	1
Heart_Failure	pericyte	<i>AC017074.2</i>	0.033628732	0.048490553	0.999908501	1
Heart_Failure	SMC	<i>AL049840.1</i>	-0.003715387	0.024064768	0.999993503	1
Heart_Failure	SMC	<i>ANKRD40</i>	0.004741898	0.017606622	0.999993503	1
Heart_Failure	SMC	<i>ATP5H</i>	-0.004124425	0.00221692	0.999993503	1
Heart_Failure	SMC	<i>BARD1</i>	0.003700607	0.043958029	0.999993503	1
Heart_Failure	SMC	<i>CBY1</i>	0.004838093	0.043943561	0.999993503	1
Heart_Failure	SMC	<i>CDC42EP5</i>	0.008123465	0.042432968	0.999993503	1
Heart_Failure	SMC	<i>CIAPIN1</i>	0.003867964	0.009688977	0.999993503	1
Heart_Failure	SMC	<i>CLEC18A</i>	0.02928036	0.003764217	0.999993503	1
Heart_Failure	SMC	<i>CLEC4G</i>	0.065759754	0.024211776	0.999993503	1
Heart_Failure	SMC	<i>ELOVL3</i>	0.041376129	0.012240252	0.999993503	1
Heart_Failure	SMC	<i>FLRT3</i>	-0.004015586	0.042401027	0.999993503	1
Heart_Failure	SMC	<i>FLYWCH1</i>	0.002945642	0.034759994	0.999993503	1
Heart_Failure	SMC	<i>GCFC2</i>	0.001844467	0.007614013	0.999993503	1
Heart_Failure	SMC	<i>GPR52</i>	-0.048694977	0.015633485	0.999993503	1
Heart_Failure	SMC	<i>KCTD2</i>	0.006920112	0.011831496	0.999993503	1
Heart_Failure	SMC	<i>KIAA1841</i>	0.002931233	0.001494838	0.999993503	1
Heart_Failure	SMC	<i>LINC00865</i>	0.004110371	0.023179149	0.999993503	1
Heart_Failure	SMC	<i>MBOAT1</i>	0.003111865	0.017800121	0.999993503	1
Heart_Failure	SMC	<i>MYO7A</i>	0.00925181	0.02958054	0.999993503	1
Heart_Failure	SMC	<i>NT5M</i>	0.010824286	0.002122161	0.999993503	1
Heart_Failure	SMC	<i>PDPN</i>	0.00331469	0.044190089	0.999993503	1
Heart_Failure	SMC	<i>POLR1B</i>	-0.003842287	0.034118484	0.999993503	1
Heart_Failure	SMC	<i>POPDC2</i>	0.012701694	0.044005204	0.999993503	1
Heart_Failure	SMC	<i>PRDM15</i>	-0.005157529	0.027458409	0.999993503	1
Heart_Failure	SMC	<i>PSMG2</i>	0.003261881	0.021353005	0.999993503	1
Heart_Failure	SMC	<i>RGPD8</i>	0.011398756	0.038460535	0.999993503	1
Heart_Failure	SMC	<i>RNF14</i>	0.003165523	0.048973511	0.999993503	1
Heart_Failure	SMC	<i>RPP25</i>	0.029817712	0.016936405	0.999993503	1
Heart_Failure	SMC	<i>SENP5</i>	-0.001370526	0.020096603	0.999993503	1
Heart_Failure	SMC	<i>STARD10</i>	0.009269635	0.022577267	0.999993503	1
Heart_Failure	SMC	<i>SUPT16H</i>	0.002812908	0.012376533	0.999993503	1
Heart_Failure	SMC	<i>TTC4</i>	0.014109605	0.034505537	0.999993503	1
Heart_Failure	SMC	<i>VNN1</i>	0.006711926	0.01838071	0.999993503	1
Heart_Failure	SMC	<i>ZKSCAN2</i>	0.030323609	0.005924676	0.999993503	1
Heart_Failure	SMC	<i>ZNF197</i>	0.00330789	0.03639793	0.999993503	1
Heart_Failure	SMC	<i>ZNF502</i>	0.009024884	0.048594652	0.999993503	1
Heart_Failure	SMC	<i>ZNF593</i>	0.005617298	0.023013219	0.999993503	1
Heart_Failure	SMC	<i>SIGLEC5</i>	0.003141154	0.047262394	0.999993503	1
Heart_Failure	t_cell	<i>AC026740.1</i>	-0.061796279	0.016828794	0.999782099	1
Heart_Failure	t_cell	<i>ACHE</i>	-0.009724947	0.032392862	0.999782099	1
Heart_Failure	t_cell	<i>ALDH16A1</i>	-0.007255653	0.044869805	0.999782099	1
Heart_Failure	t_cell	<i>C9orf152</i>	-0.01518667	0.035660474	0.999782099	1
Heart_Failure	t_cell	<i>CAV3</i>	-0.005229985	0.043462249	0.999782099	1
Heart_Failure	t_cell	<i>CBX8</i>	-0.009603468	0.046459679	0.999782099	1
Heart_Failure	t_cell	<i>CCDC154</i>	-0.007355113	0.014237441	0.999782099	1
Heart_Failure	t_cell	<i>CDC25A</i>	-0.017833755	0.038032965	0.999782099	1
Heart_Failure	t_cell	<i>CDC27</i>	0.0017493	0.02385891	0.999782099	1
Heart_Failure	t_cell	<i>CDH23</i>	-0.00145922	0.007080803	0.999782099	1
Heart_Failure	t_cell	<i>CENPH</i>	-0.008503251	0.025156949	0.999782099	1

Heart_Failure	t_cell	<i>CROCC</i>	0.003250141	0.0295016	0.999782099	1
Heart_Failure	t_cell	<i>EFS</i>	-0.003931792	0.044919338	0.999782099	1
Heart_Failure	t_cell	<i>IL1RL2</i>	0.006415315	0.009463166	0.999782099	1
Heart_Failure	t_cell	<i>IPO7</i>	0.00321338	0.005578773	0.999782099	1
Heart_Failure	t_cell	<i>KLHL7</i>	-0.002094852	0.045721814	0.999782099	1
Heart_Failure	t_cell	<i>MAPK8IP2</i>	-0.022167703	0.038172492	0.999782099	1
Heart_Failure	t_cell	<i>MBLAC1</i>	-0.011148466	0.025875219	0.999782099	1
Heart_Failure	t_cell	<i>NALCN</i>	0.002630671	0.035753178	0.999782099	1
Heart_Failure	t_cell	<i>NLRP2</i>	-0.011844374	0.041721165	0.999782099	1
Heart_Failure	t_cell	<i>NUDCD3</i>	-0.001500265	0.022412651	0.999782099	1
Heart_Failure	t_cell	<i>PCDHGA1</i>	0.017954599	0.005526681	0.999782099	1
Heart_Failure	t_cell	<i>PIP4K2C</i>	-0.007462142	0.045759282	0.999782099	1
Heart_Failure	t_cell	<i>PRKAB2</i>	-0.005538324	0.043377679	0.999782099	1
Heart_Failure	t_cell	<i>QSOX2</i>	-0.004062191	0.033567055	0.999782099	1
Heart_Failure	t_cell	<i>RNF14</i>	0.003192897	0.046852047	0.999782099	1
Heart_Failure	t_cell	<i>RPS10</i>	0.010469292	0.045953031	0.999782099	1
Heart_Failure	t_cell	<i>SFMBT1</i>	-0.004759098	0.008383903	0.999782099	1
Heart_Failure	t_cell	<i>SLC6A7</i>	0.066999647	0.006832243	0.999782099	1
Heart_Failure	t_cell	<i>SPAG4</i>	-0.030324279	0.00637106	0.999782099	1
Heart_Failure	t_cell	<i>TRIM13</i>	0.0020978	0.018390493	0.999782099	1
Heart_Failure	t_cell	<i>TTC4</i>	0.013572746	0.041575956	0.999782099	1
Heart_Failure	t_cell	<i>UBE2Q2L</i>	0.018729563	0.024520562	0.999782099	1
Heart_Failure	t_cell	<i>VAMP8</i>	0.002229504	0.022692146	0.999782099	1
Heart_Failure	t_cell	<i>ZBTB20</i>	0.000528914	0.00339369	0.999782099	1
Heart_Failure	t_cell	<i>ZNF264</i>	-0.002705707	0.012386865	0.999782099	1
Heart_Failure	t_cell	<i>ZNF419</i>	-0.012997448	0.028434558	0.999782099	1
Heart_Failure	t_cell	<i>ZNF728</i>	0.014664006	0.043150099	0.999782099	1
Heart_Failure	t_cell	<i>HOXB9</i>	-0.027035597	0.025751646	0.999782099	1
Heart_Failure	t_cell	<i>LINC00364</i>	-0.013267636	0.010988732	0.999782099	1
Stroke	adipocyte	<i>AADAT</i>	-0.006506518	0.023127542	0.675079592	1
Stroke	adipocyte	<i>ABCC3</i>	-0.001790197	0.014271513	0.675079592	1
Stroke	adipocyte	<i>ABHD12</i>	-0.003017096	0.002123633	0.675079592	1
Stroke	adipocyte	<i>AC016773.1</i>	-0.010501076	0.007246608	0.675079592	1
Stroke	adipocyte	<i>AC108463.2</i>	-0.012969006	0.012914222	0.675079592	1
Stroke	adipocyte	<i>ACP2</i>	-0.005377894	0.046946586	0.675079592	1
Stroke	adipocyte	<i>ADAMTS13</i>	-0.00998572	0.012073616	0.675079592	1
Stroke	adipocyte	<i>ADORA2B</i>	-0.005765907	0.028331509	0.675079592	1
Stroke	adipocyte	<i>ADSS</i>	-0.001458403	0.046741736	0.675079592	1
Stroke	adipocyte	<i>ALDH8A1</i>	-0.010392596	0.018192914	0.675079592	1
Stroke	adipocyte	<i>ALOX5AP</i>	-0.002517968	0.030718859	0.675079592	1
Stroke	adipocyte	<i>ALS2CR12</i>	-0.004260094	0.031546175	0.675079592	1
Stroke	adipocyte	<i>AP000347.2</i>	-0.012111449	0.034517535	0.675079592	1
Stroke	adipocyte	<i>APPL2</i>	-0.001596876	0.032596472	0.675079592	1
Stroke	adipocyte	<i>ARHGEF18</i>	-0.020506857	0.033618638	0.675079592	1
Stroke	adipocyte	<i>ATP6V1E1</i>	-0.002690987	0.042817562	0.675079592	1
Stroke	adipocyte	<i>B3GALNT2</i>	-0.001640821	0.026235831	0.675079592	1
Stroke	adipocyte	<i>B4GALNT3</i>	-0.006213295	0.042208402	0.675079592	1
Stroke	adipocyte	<i>B4GALT7</i>	-0.016586565	0.012283789	0.675079592	1
Stroke	adipocyte	<i>BCL7B</i>	-0.004031537	0.03716162	0.675079592	1
Stroke	adipocyte	<i>BDNF</i>	-0.011740989	0.034441966	0.675079592	1
Stroke	adipocyte	<i>BLOC1S2</i>	-0.004161881	0.028719361	0.675079592	1
Stroke	adipocyte	<i>BRIP1</i>	-0.005719628	0.011441387	0.675079592	1

Stroke	adipocyte	<i>BTBD16</i>	-0.013374033	0.041723833	0.675079592	1
Stroke	adipocyte	<i>C11orf68</i>	-0.01293815	0.047429151	0.675079592	1
Stroke	adipocyte	<i>C17orf62</i>	-0.002984426	0.028836131	0.675079592	1
Stroke	adipocyte	<i>C19orf48</i>	-0.009244828	0.004096394	0.675079592	1
Stroke	adipocyte	<i>C1GALT1</i>	-0.00144107	0.018708207	0.675079592	1
Stroke	adipocyte	<i>CIQTNF4</i>	-0.028248004	0.030959005	0.675079592	1
Stroke	adipocyte	<i>CALML4</i>	-0.020148419	0.032614502	0.675079592	1
Stroke	adipocyte	<i>CALML6</i>	-0.048634101	0.040762465	0.675079592	1
Stroke	adipocyte	<i>CAPN15</i>	-0.004580797	0.0436158	0.675079592	1
Stroke	adipocyte	<i>CASP9</i>	-0.004394912	0.026977197	0.675079592	1
Stroke	adipocyte	<i>CCDC167</i>	-0.007588713	0.026307042	0.675079592	1
Stroke	adipocyte	<i>CCDC86</i>	-0.007423059	0.032346819	0.675079592	1
Stroke	adipocyte	<i>CCL24</i>	-0.060287843	0.017234964	0.675079592	1
Stroke	adipocyte	<i>CCND1</i>	-0.004068525	0.028402689	0.675079592	1
Stroke	adipocyte	<i>CCT3</i>	-0.00359063	0.021536548	0.675079592	1
Stroke	adipocyte	<i>CENPK</i>	-0.006790598	0.026660637	0.675079592	1
Stroke	adipocyte	<i>CEP72</i>	-0.007038848	0.045826999	0.675079592	1
Stroke	adipocyte	<i>CHRFAM7A</i>	-0.054327479	0.048494244	0.675079592	1
Stroke	adipocyte	<i>CHRNA5</i>	-0.007473426	0.023947352	0.675079592	1
Stroke	adipocyte	<i>CHST13</i>	-0.023843596	0.040796917	0.675079592	1
Stroke	adipocyte	<i>CIAPIN1</i>	-0.003252208	0.011717882	0.675079592	1
Stroke	adipocyte	<i>CISD2</i>	-0.002126952	0.021578326	0.675079592	1
Stroke	adipocyte	<i>CLDN9</i>	-0.002959742	0.030732452	0.675079592	1
Stroke	adipocyte	<i>CLYBL</i>	-0.002048952	0.003805176	0.675079592	1
Stroke	adipocyte	<i>CNOT8</i>	-0.002369116	0.032791953	0.675079592	1
Stroke	adipocyte	<i>CNTN6</i>	-0.011480623	0.023828885	0.675079592	1
Stroke	adipocyte	<i>CPNE4</i>	-0.008020527	0.036579072	0.675079592	1
Stroke	adipocyte	<i>CPSF7</i>	-0.002489798	0.032942935	0.675079592	1
Stroke	adipocyte	<i>CPVL</i>	-0.0005517	0.044392242	0.675079592	1
Stroke	adipocyte	<i>CR1</i>	-0.002290039	0.017880357	0.675079592	1
Stroke	adipocyte	<i>DAGLB</i>	-0.004320465	0.021665462	0.675079592	1
Stroke	adipocyte	<i>DCN</i>	0.000475298	0.021054619	0.675079592	1
Stroke	adipocyte	<i>DCST2</i>	-0.01137891	0.0300386	0.675079592	1
Stroke	adipocyte	<i>DDT</i>	-0.004681978	0.024271828	0.675079592	1
Stroke	adipocyte	<i>DISP2</i>	-0.015332802	0.016745227	0.675079592	1
Stroke	adipocyte	<i>DNAJC15</i>	-0.002664524	0.0362435	0.675079592	1
Stroke	adipocyte	<i>DNAJC16</i>	-0.002055255	0.044379168	0.675079592	1
Stroke	adipocyte	<i>DPF1</i>	-0.024755896	0.038235734	0.675079592	1
Stroke	adipocyte	<i>DPP3</i>	-0.007242469	0.048545061	0.675079592	1
Stroke	adipocyte	<i>DTWD2</i>	-0.003174363	0.04114556	0.675079592	1
Stroke	adipocyte	<i>DUSP15</i>	-0.020070152	0.027200475	0.675079592	1
Stroke	adipocyte	<i>EAF1</i>	-0.005533134	0.04898904	0.675079592	1
Stroke	adipocyte	<i>EIF2AK4</i>	-0.002290696	0.025409985	0.675079592	1
Stroke	adipocyte	<i>ENDOD1</i>	0.006024462	0.012719782	0.675079592	1
Stroke	adipocyte	<i>ENGASE</i>	-0.003234152	0.045636149	0.675079592	1
Stroke	adipocyte	<i>ENO4</i>	-0.001958423	0.041031066	0.675079592	1
Stroke	adipocyte	<i>ERMAP</i>	-0.002434111	0.047466792	0.675079592	1
Stroke	adipocyte	<i>ETS2</i>	-0.002000707	0.041443054	0.675079592	1
Stroke	adipocyte	<i>EVI2B</i>	-0.00473891	0.049437508	0.675079592	1
Stroke	adipocyte	<i>FAM181B</i>	-0.024286219	0.049948603	0.675079592	1
Stroke	adipocyte	<i>FAM182B</i>	-0.006159411	0.038969765	0.675079592	1
Stroke	adipocyte	<i>FAM220A</i>	-0.005008769	0.022850198	0.675079592	1

Stroke	adipocyte	<i>FDFT1</i>	-0.002905684	0.026722311	0.675079592	1
Stroke	adipocyte	<i>FECH</i>	-0.005360732	0.032446771	0.675079592	1
Stroke	adipocyte	<i>FFAR4</i>	-0.005953541	0.023872647	0.675079592	1
Stroke	adipocyte	<i>FLT3</i>	-0.001592496	0.028610853	0.675079592	1
Stroke	adipocyte	<i>G6PC3</i>	-0.008063639	0.026957129	0.675079592	1
Stroke	adipocyte	<i>GALM</i>	-0.001818659	0.022514157	0.675079592	1
Stroke	adipocyte	<i>GBA</i>	-0.00632011	0.012210621	0.675079592	1
Stroke	adipocyte	<i>GCSH</i>	-0.012223308	0.030942115	0.675079592	1
Stroke	adipocyte	<i>GID8</i>	-0.004416764	0.024359255	0.675079592	1
Stroke	adipocyte	<i>GIMAP5</i>	0.005509242	0.049216528	0.675079592	1
Stroke	adipocyte	<i>GMPPB</i>	-0.013018992	0.021579106	0.675079592	1
Stroke	adipocyte	<i>GOLGA8H</i>	-0.010863142	0.040860139	0.675079592	1
Stroke	adipocyte	<i>GOLGA8R</i>	-0.041706259	0.041929547	0.675079592	1
Stroke	adipocyte	<i>GPR132</i>	-0.002694828	0.028472401	0.675079592	1
Stroke	adipocyte	<i>GPRIN1</i>	-0.046294212	0.04752584	0.675079592	1
Stroke	adipocyte	<i>GRAMD1B</i>	-0.00215895	0.024149018	0.675079592	1
Stroke	adipocyte	<i>GTPBP8</i>	-0.004504968	0.005590613	0.675079592	1
Stroke	adipocyte	<i>GUCA1B</i>	-0.00889066	0.013567245	0.675079592	1
Stroke	adipocyte	<i>H3F3A</i>	-0.003010155	0.040861198	0.675079592	1
Stroke	adipocyte	<i>HACE1</i>	-0.001978921	0.036376697	0.675079592	1
Stroke	adipocyte	<i>HAGH</i>	-0.001594895	0.046863773	0.675079592	1
Stroke	adipocyte	<i>HEATR3</i>	-0.002897829	0.026336615	0.675079592	1
Stroke	adipocyte	<i>HINFP</i>	-0.005200657	0.034964997	0.675079592	1
Stroke	adipocyte	<i>HLA-DQA1</i>	-0.000935832	0.034818756	0.675079592	1
Stroke	adipocyte	<i>HSDL2</i>	-0.001753849	0.014470977	0.675079592	1
Stroke	adipocyte	<i>HSPB7</i>	-0.014192114	0.045665886	0.675079592	1
Stroke	adipocyte	<i>HTATIP2</i>	-0.004781318	0.008602541	0.675079592	1
Stroke	adipocyte	<i>IGFLR1</i>	-0.024748148	0.041212914	0.675079592	1
Stroke	adipocyte	<i>IMMT</i>	-0.001682606	0.037354322	0.675079592	1
Stroke	adipocyte	<i>IP6K3</i>	-0.017877526	0.020499405	0.675079592	1
Stroke	adipocyte	<i>IQSEC3</i>	-0.01085739	0.047383889	0.675079592	1
Stroke	adipocyte	<i>KBTBD3</i>	-0.004347559	0.031764341	0.675079592	1
Stroke	adipocyte	<i>KCNMA1</i>	-0.000913879	0.048377488	0.675079592	1
Stroke	adipocyte	<i>LIG1</i>	-0.002549336	0.047848221	0.675079592	1
Stroke	adipocyte	<i>LIN7C</i>	-0.003179039	0.012859488	0.675079592	1
Stroke	adipocyte	<i>LINC00664</i>	-0.025291136	0.044455197	0.675079592	1
Stroke	adipocyte	<i>LINC00941</i>	-0.049870898	0.01444908	0.675079592	1
Stroke	adipocyte	<i>LINC01166</i>	-0.078084101	0.017045114	0.675079592	1
Stroke	adipocyte	<i>LRRK1</i>	-0.000973523	0.022952314	0.675079592	1
Stroke	adipocyte	<i>LTB4R</i>	-0.006728549	0.023705906	0.675079592	1
Stroke	adipocyte	<i>LY86</i>	-0.001024307	0.040623024	0.675079592	1
Stroke	adipocyte	<i>MAP2K1</i>	-0.001345637	0.048327308	0.675079592	1
Stroke	adipocyte	<i>MFSD8</i>	-0.004008255	0.04230136	0.675079592	1
Stroke	adipocyte	<i>MGAT5B</i>	-0.020208202	0.033010382	0.675079592	1
Stroke	adipocyte	<i>MRC1</i>	-0.000790532	0.022042781	0.675079592	1
Stroke	adipocyte	<i>MRO</i>	-0.017491074	0.007454873	0.675079592	1
Stroke	adipocyte	<i>MROH6</i>	-0.011245666	0.023175771	0.675079592	1
Stroke	adipocyte	<i>MRPL20</i>	-0.002448653	0.013341062	0.675079592	1
Stroke	adipocyte	<i>MRPL4</i>	-0.004026909	0.040437927	0.675079592	1
Stroke	adipocyte	<i>MRPL51</i>	-0.003273621	0.038893211	0.675079592	1
Stroke	adipocyte	<i>MRPS10</i>	-0.00422871	0.016997182	0.675079592	1
Stroke	adipocyte	<i>MS4A7</i>	-0.001123993	0.024578785	0.675079592	1

Stroke	adipocyte	<i>MTMR10</i>	-0.002257803	0.022970602	0.675079592	1
Stroke	adipocyte	<i>MYL5</i>	-0.011187875	0.017647388	0.675079592	1
Stroke	adipocyte	<i>NADSYN1</i>	-0.002516599	0.025359522	0.675079592	1
Stroke	adipocyte	<i>NAPSA</i>	-0.016590134	0.04484848	0.675079592	1
Stroke	adipocyte	<i>NEIL2</i>	-0.00619337	0.042188188	0.675079592	1
Stroke	adipocyte	<i>NEK3</i>	-0.001932959	0.0363009	0.675079592	1
Stroke	adipocyte	<i>NEURL2</i>	-0.011406111	0.024010311	0.675079592	1
Stroke	adipocyte	<i>NOMO3</i>	-0.018590595	0.032260986	0.675079592	1
Stroke	adipocyte	<i>NPIPA1</i>	-0.006000039	0.036997406	0.675079592	1
Stroke	adipocyte	<i>OAF</i>	0.002531115	0.034651236	0.675079592	1
Stroke	adipocyte	<i>P2RY11</i>	-0.014217907	0.02797605	0.675079592	1
Stroke	adipocyte	<i>PABPC1L</i>	-0.005344432	0.017111024	0.675079592	1
Stroke	adipocyte	<i>PAPSS1</i>	-0.002763794	0.017734743	0.675079592	1
Stroke	adipocyte	<i>PCDHGA1</i>	-0.010967766	0.048385809	0.675079592	1
Stroke	adipocyte	<i>PDCD1</i>	-0.021609219	0.046231651	0.675079592	1
Stroke	adipocyte	<i>PDCD1LG2</i>	-0.004267119	0.007267683	0.675079592	1
Stroke	adipocyte	<i>PDE1B</i>	-0.003726978	0.028359219	0.675079592	1
Stroke	adipocyte	<i>PDZK1IP1</i>	-0.012907351	0.040192895	0.675079592	1
Stroke	adipocyte	<i>PENK</i>	-0.071440433	0.009520513	0.675079592	1
Stroke	adipocyte	<i>PF4</i>	-0.004260352	0.000908664	0.675079592	1
Stroke	adipocyte	<i>PFN4</i>	-0.005941725	0.045211145	0.675079592	1
Stroke	adipocyte	<i>PLTP</i>	-0.003385606	0.043821943	0.675079592	1
Stroke	adipocyte	<i>PNP</i>	-0.006199392	0.028732162	0.675079592	1
Stroke	adipocyte	<i>PNPO</i>	-0.014444573	0.026875964	0.675079592	1
Stroke	adipocyte	<i>PPIL3</i>	-0.002813131	0.043846721	0.675079592	1
Stroke	adipocyte	<i>PRDM15</i>	-0.004478065	0.026392515	0.675079592	1
Stroke	adipocyte	<i>PROCA1</i>	-0.006395412	0.041481502	0.675079592	1
Stroke	adipocyte	<i>PVRIG</i>	-0.008164729	0.038974321	0.675079592	1
Stroke	adipocyte	<i>PYGB</i>	-0.004824967	0.016314764	0.675079592	1
Stroke	adipocyte	<i>RAPSN</i>	-0.024109828	0.003047015	0.675079592	1
Stroke	adipocyte	<i>RASGRF1</i>	-0.010438268	0.010473587	0.675079592	1
Stroke	adipocyte	<i>RBM20</i>	0.003339248	0.03115574	0.675079592	1
Stroke	adipocyte	<i>RCCD1</i>	-0.008668176	0.026169393	0.675079592	1
Stroke	adipocyte	<i>RFPL3S</i>	-0.021161697	0.009090474	0.675079592	1
Stroke	adipocyte	<i>RGCC</i>	-0.001606248	0.047060602	0.675079592	1
Stroke	adipocyte	<i>RGS10</i>	-0.002308316	0.026083636	0.675079592	1
Stroke	adipocyte	<i>RNASET2</i>	-0.002038469	0.017589046	0.675079592	1
Stroke	adipocyte	<i>RNF150</i>	-0.001218019	0.044575102	0.675079592	1
Stroke	adipocyte	<i>RTCB</i>	-0.002644245	0.011435816	0.675079592	1
Stroke	adipocyte	<i>RUNX2</i>	-0.001483162	0.019246229	0.675079592	1
Stroke	adipocyte	<i>S100B</i>	-0.002878216	0.018876802	0.675079592	1
Stroke	adipocyte	<i>SEMA4A</i>	-0.005970335	0.041978718	0.675079592	1
Stroke	adipocyte	<i>SH3PXD2B</i>	0.000990689	0.047840833	0.675079592	1
Stroke	adipocyte	<i>SLC10A5</i>	-0.018924547	0.004770413	0.675079592	1
Stroke	adipocyte	<i>SLC35E2</i>	-0.005581508	0.045706422	0.675079592	1
Stroke	adipocyte	<i>SLC39A12</i>	-0.013317098	0.038249284	0.675079592	1
Stroke	adipocyte	<i>SLC9A3</i>	-0.032265839	0.004893833	0.675079592	1
Stroke	adipocyte	<i>SMG5</i>	-0.003042237	0.032883296	0.675079592	1
Stroke	adipocyte	<i>SMTNL1</i>	-0.013348525	0.00457696	0.675079592	1
Stroke	adipocyte	<i>SP140</i>	-0.001314898	0.032305659	0.675079592	1
Stroke	adipocyte	<i>SP4</i>	-0.00184802	0.042508353	0.675079592	1
Stroke	adipocyte	<i>SPAG4</i>	-0.029756845	0.00197773	0.675079592	1

Stroke	adipocyte	<i>SPATA25</i>	-0.042745988	0.046720079	0.675079592	1
Stroke	adipocyte	<i>SPINK5</i>	-0.006361675	0.035372942	0.675079592	1
Stroke	adipocyte	<i>SPINK6</i>	-0.051948498	0.005942201	0.675079592	1
Stroke	adipocyte	<i>SPRYD4</i>	-0.011543838	0.011913732	0.675079592	1
Stroke	adipocyte	<i>SRP14-AS1</i>	-0.003796134	0.044234679	0.675079592	1
Stroke	adipocyte	<i>STRADA</i>	-0.003132245	0.031672049	0.675079592	1
Stroke	adipocyte	<i>STRN4</i>	-0.00601392	0.04376779	0.675079592	1
Stroke	adipocyte	<i>SUPV3L1</i>	-0.003308428	0.024661942	0.675079592	1
Stroke	adipocyte	<i>SUSD2</i>	-0.010351271	0.015306438	0.675079592	1
Stroke	adipocyte	<i>TAS2R31</i>	-0.037568823	0.007103639	0.675079592	1
Stroke	adipocyte	<i>TATDN3</i>	-0.002348417	0.039290543	0.675079592	1
Stroke	adipocyte	<i>TCEA3</i>	-0.003465792	0.029230437	0.675079592	1
Stroke	adipocyte	<i>TGS1</i>	-0.002132014	0.038476822	0.675079592	1
Stroke	adipocyte	<i>TIGD7</i>	-0.00520627	0.00963752	0.675079592	1
Stroke	adipocyte	<i>TLR2</i>	-0.004589658	0.033069703	0.675079592	1
Stroke	adipocyte	<i>TMEM106A</i>	-0.003888698	0.018434422	0.675079592	1
Stroke	adipocyte	<i>TMEM129</i>	-0.004271854	0.04232696	0.675079592	1
Stroke	adipocyte	<i>TMEM132E</i>	-0.012409145	0.033915586	0.675079592	1
Stroke	adipocyte	<i>TMEM133</i>	-0.066917927	0.032726105	0.675079592	1
Stroke	adipocyte	<i>TMEM236</i>	-0.005951409	0.009366556	0.675079592	1
Stroke	adipocyte	<i>TMEM81</i>	-0.044854007	0.037364453	0.675079592	1
Stroke	adipocyte	<i>TRABD2A</i>	-0.004993788	0.023240306	0.675079592	1
Stroke	adipocyte	<i>TRIB3</i>	-0.008066733	0.029117177	0.675079592	1
Stroke	adipocyte	<i>TRIM45</i>	-0.012961905	0.013049019	0.675079592	1
Stroke	adipocyte	<i>TSPAN33</i>	-0.0032522	0.021343327	0.675079592	1
Stroke	adipocyte	<i>TSPO2</i>	-0.007872734	0.023472312	0.675079592	1
Stroke	adipocyte	<i>TSPYL1</i>	-0.006236393	0.032780324	0.675079592	1
Stroke	adipocyte	<i>TTC4</i>	-0.011768126	0.042471678	0.675079592	1
Stroke	adipocyte	<i>TYSND1</i>	-0.005319166	0.012319625	0.675079592	1
Stroke	adipocyte	<i>UBAC1</i>	-0.002150025	0.038738141	0.675079592	1
Stroke	adipocyte	<i>UBE2Q2</i>	-0.002655887	0.04764922	0.675079592	1
Stroke	adipocyte	<i>UBQLNL</i>	-0.029865167	0.03336666	0.675079592	1
Stroke	adipocyte	<i>USP38</i>	-0.004187085	0.043047019	0.675079592	1
Stroke	adipocyte	<i>WBP2NL</i>	-0.003787652	0.03280394	0.675079592	1
Stroke	adipocyte	<i>WFIKKN1</i>	-0.035093452	0.033788706	0.675079592	1
Stroke	adipocyte	<i>YIPF2</i>	-0.004317974	0.035123642	0.675079592	1
Stroke	adipocyte	<i>ZBTB22</i>	-0.012924458	0.040122566	0.675079592	1
Stroke	adipocyte	<i>ZFPM2</i>	0.000461524	0.040359895	0.675079592	1
Stroke	adipocyte	<i>ZNF229</i>	-0.032680302	0.048342234	0.675079592	1
Stroke	adipocyte	<i>ZNF25</i>	-0.003236236	0.019384428	0.675079592	1
Stroke	adipocyte	<i>ZNF263</i>	-0.003652733	0.008187492	0.675079592	1
Stroke	adipocyte	<i>ZNF320</i>	-0.005696719	0.047955232	0.675079592	1
Stroke	adipocyte	<i>ZNF468</i>	-0.006256077	0.030955282	0.675079592	1
Stroke	adipocyte	<i>ZNF497</i>	-0.060659743	0.031496902	0.675079592	1
Stroke	adipocyte	<i>ZNF550</i>	-0.004243291	0.018813454	0.675079592	1
Stroke	adipocyte	<i>ZNF575</i>	-0.0176874	0.001095268	0.675079592	1
Stroke	adipocyte	<i>ZNF577</i>	-0.001670567	0.04969715	0.675079592	1
Stroke	adipocyte	<i>ZNF607</i>	-0.019785763	0.024631276	0.675079592	1
Stroke	adipocyte	<i>ZNF709</i>	-0.044927104	0.024887983	0.675079592	1
Stroke	adipocyte	<i>ZNF837</i>	-0.015593146	0.049924994	0.675079592	1
Stroke	adipocyte	<i>ZSCAN18</i>	-0.001655072	0.047036261	0.675079592	1
Stroke	adipocyte	<i>ZSWIM1</i>	-0.024078953	0.046136849	0.675079592	1

Stroke	adipocyte	<i>ALGIL</i>	-0.051695951	0.038765156	0.675079592	1
Stroke	adipocyte	<i>HLA-DOB</i>	-0.01070913	0.042342455	0.675079592	1
Stroke	adipocyte	<i>SPRR2B</i>	-0.047140174	0.046941267	0.675079592	1
Stroke	adipocyte	<i>ARTN</i>	-0.004306087	0.029910042	0.675079592	1
Stroke	adipocyte	<i>AGAP5</i>	-0.003119036	0.027580513	0.675079592	1
Stroke	adipocyte	<i>GPR12</i>	-0.038030538	0.024882029	0.675079592	1
Stroke	adipocyte	<i>NPIPA7</i>	-0.057534883	0.003493856	0.675079592	1
Stroke	adipocyte	<i>SIGLEC5</i>	-0.002723996	0.046568928	0.675079592	1
Stroke	ASPC	<i>ABCF1</i>	-0.003287893	0.049255379	0.852513395	1
Stroke	ASPC	<i>AC026740.1</i>	-0.045537075	0.042826264	0.852513395	1
Stroke	ASPC	<i>ADAM10</i>	0.001354637	0.00301838	0.852513395	1
Stroke	ASPC	<i>ALS2CR12</i>	-0.004622087	0.019913913	0.852513395	1
Stroke	ASPC	<i>ANKLE1</i>	-0.018299696	0.035857345	0.852513395	1
Stroke	ASPC	<i>ARGLU1</i>	0.00062496	0.043073395	0.852513395	1
Stroke	ASPC	<i>ATP5C1</i>	-0.001402506	0.035356502	0.852513395	1
Stroke	ASPC	<i>ATP6V0D2</i>	-0.014566537	0.017317166	0.852513395	1
Stroke	ASPC	<i>ATRIP</i>	-0.0138574	0.019881975	0.852513395	1
Stroke	ASPC	<i>B4GALNT1</i>	-0.017171434	0.040231367	0.852513395	1
Stroke	ASPC	<i>BRCA2</i>	-0.009272696	0.01278095	0.852513395	1
Stroke	ASPC	<i>C14orf79</i>	-0.006792797	0.02573193	0.852513395	1
Stroke	ASPC	<i>C17orf80</i>	-0.004087843	0.035589854	0.852513395	1
Stroke	ASPC	<i>C9orf24</i>	-0.006536457	0.016996781	0.852513395	1
Stroke	ASPC	<i>CACNA1A</i>	-0.002558947	0.029797793	0.852513395	1
Stroke	ASPC	<i>CANT1</i>	-0.003571905	0.046553001	0.852513395	1
Stroke	ASPC	<i>CD300C</i>	-0.007884996	0.040550826	0.852513395	1
Stroke	ASPC	<i>CDC16</i>	-0.001852416	0.018026262	0.852513395	1
Stroke	ASPC	<i>CDH15</i>	-0.010334922	0.025105568	0.852513395	1
Stroke	ASPC	<i>CLDN7</i>	-0.007082222	0.021767328	0.852513395	1
Stroke	ASPC	<i>COX17</i>	-0.003044201	0.037757963	0.852513395	1
Stroke	ASPC	<i>CPSF2</i>	-0.002983305	0.042759968	0.852513395	1
Stroke	ASPC	<i>CRYBB3</i>	0.02844219	0.038740581	0.852513395	1
Stroke	ASPC	<i>CXCL16</i>	-0.003710449	0.011006128	0.852513395	1
Stroke	ASPC	<i>DBNDD1</i>	-0.01444405	0.049570972	0.852513395	1
Stroke	ASPC	<i>DIRC3</i>	-0.001377247	0.000886371	0.852513395	1
Stroke	ASPC	<i>DTWD2</i>	-0.003097661	0.046194887	0.852513395	1
Stroke	ASPC	<i>DUSP19</i>	-0.014572936	0.037418377	0.852513395	1
Stroke	ASPC	<i>ELAC2</i>	-0.003440985	0.036273115	0.852513395	1
Stroke	ASPC	<i>ELOVL4</i>	-0.029438754	0.038293394	0.852513395	1
Stroke	ASPC	<i>ELP3</i>	-0.002543487	0.036413751	0.852513395	1
Stroke	ASPC	<i>ENGASE</i>	-0.003261805	0.044394373	0.852513395	1
Stroke	ASPC	<i>FABP3</i>	-0.009278423	0.036201812	0.852513395	1
Stroke	ASPC	<i>FAM173B</i>	-0.004013389	0.00663844	0.852513395	1
Stroke	ASPC	<i>FN3KRP</i>	-0.004792204	0.035278826	0.852513395	1
Stroke	ASPC	<i>FOLR3</i>	-0.052644006	0.013702605	0.852513395	1
Stroke	ASPC	<i>FOXN2</i>	-0.001163204	0.045410594	0.852513395	1
Stroke	ASPC	<i>GHRL</i>	-0.004376772	0.015594742	0.852513395	1
Stroke	ASPC	<i>GLIPR1L2</i>	-0.006409101	0.023523309	0.852513395	1
Stroke	ASPC	<i>GPN3</i>	-0.004088646	0.014450391	0.852513395	1
Stroke	ASPC	<i>GPR158</i>	-0.009502054	0.046940294	0.852513395	1
Stroke	ASPC	<i>GUCA1B</i>	-0.008182138	0.02349289	0.852513395	1
Stroke	ASPC	<i>HEMK1</i>	-0.006163128	0.045626836	0.852513395	1
Stroke	ASPC	<i>HK2</i>	-0.002154978	0.027046911	0.852513395	1

Stroke	ASPC	<i>HLA-DQA1</i>	-0.00092697	0.038159077	0.852513395	1
Stroke	ASPC	<i>HSDL2</i>	-0.00181563	0.010874698	0.852513395	1
Stroke	ASPC	<i>INPP4A</i>	-0.000934638	0.042019853	0.852513395	1
Stroke	ASPC	<i>IQCH-AS1</i>	-0.001892243	0.024616818	0.852513395	1
Stroke	ASPC	<i>ISLR2</i>	0.020269951	0.037629719	0.852513395	1
Stroke	ASPC	<i>KIF17</i>	-0.011487427	0.029263595	0.852513395	1
Stroke	ASPC	<i>KLHL31</i>	-0.003923792	0.03567531	0.852513395	1
Stroke	ASPC	<i>KRIT1</i>	-0.00172932	0.032080868	0.852513395	1
Stroke	ASPC	<i>KRT5</i>	-0.013120852	0.025203785	0.852513395	1
Stroke	ASPC	<i>L1TD1</i>	-0.065757304	0.017131211	0.852513395	1
Stroke	ASPC	<i>LHCGR</i>	-0.024408785	0.03722447	0.852513395	1
Stroke	ASPC	<i>LIN37</i>	-0.01746572	0.023546558	0.852513395	1
Stroke	ASPC	<i>LINC00092</i>	-0.013717117	0.037983313	0.852513395	1
Stroke	ASPC	<i>LINC00342</i>	-0.005342963	0.010808369	0.852513395	1
Stroke	ASPC	<i>LINC00663</i>	-0.007564832	0.028944309	0.852513395	1
Stroke	ASPC	<i>LINC00664</i>	-0.025352124	0.043508009	0.852513395	1
Stroke	ASPC	<i>LINC00707</i>	-0.03876531	0.033773315	0.852513395	1
Stroke	ASPC	<i>LRRC8B</i>	-0.003353917	0.027249054	0.852513395	1
Stroke	ASPC	<i>LY75</i>	-0.005496171	0.045326669	0.852513395	1
Stroke	ASPC	<i>MAP7</i>	-0.006294882	0.016411439	0.852513395	1
Stroke	ASPC	<i>MED12L</i>	-0.001756346	0.012738324	0.852513395	1
Stroke	ASPC	<i>MED13</i>	-0.001229549	0.049395601	0.852513395	1
Stroke	ASPC	<i>MRPL36</i>	-0.00651987	0.025198982	0.852513395	1
Stroke	ASPC	<i>MRPL46</i>	-0.006425437	0.021280777	0.852513395	1
Stroke	ASPC	<i>MUL1</i>	-0.006081028	0.049979764	0.852513395	1
Stroke	ASPC	<i>NCSI</i>	-0.007821668	0.049999522	0.852513395	1
Stroke	ASPC	<i>NFU1</i>	-0.002288807	0.020290099	0.852513395	1
Stroke	ASPC	<i>NUTM2A</i>	-0.063161452	0.03817551	0.852513395	1
Stroke	ASPC	<i>NXNL1</i>	-0.034151702	0.031812283	0.852513395	1
Stroke	ASPC	<i>OR7D2</i>	-0.054842661	0.013643891	0.852513395	1
Stroke	ASPC	<i>P2RY12</i>	-0.002429456	0.023666284	0.852513395	1
Stroke	ASPC	<i>PABPC4</i>	-0.002560163	0.024731053	0.852513395	1
Stroke	ASPC	<i>PALM2</i>	-0.006070031	0.021134908	0.852513395	1
Stroke	ASPC	<i>PARK7</i>	-0.002019257	0.049638531	0.852513395	1
Stroke	ASPC	<i>PBLD</i>	-0.004532096	0.039045017	0.852513395	1
Stroke	ASPC	<i>PDCD1LG2</i>	-0.003476803	0.0291355	0.852513395	1
Stroke	ASPC	<i>PEX12</i>	-0.007185539	0.039428506	0.852513395	1
Stroke	ASPC	<i>PGM1</i>	-0.004961692	0.024935795	0.852513395	1
Stroke	ASPC	<i>PIGO</i>	-0.004472823	0.047682424	0.852513395	1
Stroke	ASPC	<i>PIGP</i>	-0.002230656	0.041045753	0.852513395	1
Stroke	ASPC	<i>PLSCR4</i>	0.001112225	0.021596808	0.852513395	1
Stroke	ASPC	<i>POLI</i>	-0.002946648	0.025627558	0.852513395	1
Stroke	ASPC	<i>PRR4</i>	-0.002615021	0.038051264	0.852513395	1
Stroke	ASPC	<i>PSPH</i>	-0.005558175	0.049374233	0.852513395	1
Stroke	ASPC	<i>QRSL1</i>	-0.002463611	0.013494279	0.852513395	1
Stroke	ASPC	<i>RASA3</i>	-0.001398018	0.040371427	0.852513395	1
Stroke	ASPC	<i>RCN2</i>	0.003323894	0.013760727	0.852513395	1
Stroke	ASPC	<i>RGL3</i>	-0.003749124	0.049717626	0.852513395	1
Stroke	ASPC	<i>RHNO1</i>	-0.018723436	0.036943716	0.852513395	1
Stroke	ASPC	<i>RTN1</i>	-0.00077953	0.033757136	0.852513395	1
Stroke	ASPC	<i>RUNX2</i>	-0.001259239	0.047414979	0.852513395	1
Stroke	ASPC	<i>SAMD1</i>	-0.008587306	0.005625588	0.852513395	1

Stroke	ASPC	<i>SAR1A</i>	-0.003624834	0.032614786	0.852513395	1
Stroke	ASPC	<i>SCARA5</i>	0.00306408	0.033272762	0.852513395	1
Stroke	ASPC	<i>SERPINI1</i>	-0.003551008	0.045581754	0.852513395	1
Stroke	ASPC	<i>SHC2</i>	0.01100412	0.006954576	0.852513395	1
Stroke	ASPC	<i>SIRT6</i>	-0.005240455	0.008938501	0.852513395	1
Stroke	ASPC	<i>SLC30A6</i>	-0.002450074	0.044350557	0.852513395	1
Stroke	ASPC	<i>SLC6A7</i>	-0.04898042	0.023462441	0.852513395	1
Stroke	ASPC	<i>SMG5</i>	-0.003309701	0.020207085	0.852513395	1
Stroke	ASPC	<i>SNIP1</i>	-0.002941599	0.049646096	0.852513395	1
Stroke	ASPC	<i>SNX1</i>	-0.001307494	0.02242539	0.852513395	1
Stroke	ASPC	<i>STI4</i>	-0.002715569	0.045417933	0.852513395	1
Stroke	ASPC	<i>STEAP3</i>	-0.004890479	0.049105636	0.852513395	1
Stroke	ASPC	<i>STOX1</i>	-0.007618299	0.015022924	0.852513395	1
Stroke	ASPC	<i>STRIP1</i>	-0.003408543	0.049910931	0.852513395	1
Stroke	ASPC	<i>SUCLG1</i>	-0.003251858	0.045434442	0.852513395	1
Stroke	ASPC	<i>TAS2R14</i>	-0.023284108	0.023640793	0.852513395	1
Stroke	ASPC	<i>TAS2R20</i>	-0.052334398	0.007083136	0.852513395	1
Stroke	ASPC	<i>TAS2R50</i>	-0.054334945	0.029372509	0.852513395	1
Stroke	ASPC	<i>TBCE</i>	-0.002078103	0.037122314	0.852513395	1
Stroke	ASPC	<i>TCEA3</i>	-0.003192174	0.045342633	0.852513395	1
Stroke	ASPC	<i>TDP1</i>	-0.003400716	0.045318371	0.852513395	1
Stroke	ASPC	<i>TMEM132E</i>	-0.012921423	0.027926525	0.852513395	1
Stroke	ASPC	<i>TMEM170B</i>	-0.002481607	0.028983993	0.852513395	1
Stroke	ASPC	<i>TRABD2B</i>	-0.00244403	0.049508537	0.852513395	1
Stroke	ASPC	<i>TSPO2</i>	0.009049729	0.010421123	0.852513395	1
Stroke	ASPC	<i>UBE2Q2L</i>	-0.016513282	0.023952287	0.852513395	1
Stroke	ASPC	<i>UQCCL1</i>	-0.001784583	0.047822788	0.852513395	1
Stroke	ASPC	<i>VAMP1</i>	-0.004563814	0.036809438	0.852513395	1
Stroke	ASPC	<i>WDFY4</i>	-0.001120276	0.023188208	0.852513395	1
Stroke	ASPC	<i>WDR18</i>	-0.013048228	0.015803642	0.852513395	1
Stroke	ASPC	<i>WDR6</i>	-0.00173391	0.04781119	0.852513395	1
Stroke	ASPC	<i>WFIKKN1</i>	-0.033063613	0.045760003	0.852513395	1
Stroke	ASPC	<i>YPEL4</i>	-0.018936652	0.032790557	0.852513395	1
Stroke	ASPC	<i>YTHDF3-AS1</i>	-0.023685233	1.77E-05	0.081772787	0.081772787
Stroke	ASPC	<i>ZFAND1</i>	-0.003201856	0.025116832	0.852513395	1
Stroke	ASPC	<i>ZFPM2</i>	0.000452738	0.044469109	0.852513395	1
Stroke	ASPC	<i>ZKSCAN3</i>	-0.003964803	0.026489717	0.852513395	1
Stroke	ASPC	<i>ZNFI17</i>	-0.002201724	0.044707241	0.852513395	1
Stroke	ASPC	<i>ZNFA43</i>	-0.022129205	0.032949861	0.852513395	1
Stroke	ASPC	<i>ZNFA786</i>	-0.003061288	0.029054107	0.852513395	1
Stroke	ASPC	<i>ZNFA829</i>	-0.008196065	0.028713494	0.852513395	1
Stroke	ASPC	<i>DCD</i>	-0.028522489	0.029443528	0.852513395	1
Stroke	ASPC	<i>TTC24</i>	-0.003500205	0.02327863	0.852513395	1
Stroke	ASPC	<i>VGLL2</i>	-0.004919474	0.037951784	0.852513395	1
Stroke	ASPC	<i>AC009495.2</i>	-0.044634964	0.044504551	0.852513395	1
Stroke	b_cell	<i>ALDH1A3</i>	0.006548144	0.049008486	0.99989496	1
Stroke	b_cell	<i>ASAH2B</i>	-0.014317138	0.035305505	0.99989496	1
Stroke	b_cell	<i>C14orf79</i>	-0.006788003	0.026535216	0.99989496	1
Stroke	b_cell	<i>CCT8</i>	-0.003182711	0.044856984	0.99989496	1
Stroke	b_cell	<i>CEBPZ</i>	-0.001436413	0.020056631	0.99989496	1
Stroke	b_cell	<i>CMBL</i>	0.006655132	0.020100892	0.99989496	1
Stroke	b_cell	<i>CTNND2</i>	0.005090818	0.043935655	0.99989496	1

Stroke	b_cell	<i>CXCR6</i>	-0.007102777	0.03584425	0.99989496	1
Stroke	b_cell	<i>DDX59</i>	-0.00305526	0.022165551	0.99989496	1
Stroke	b_cell	<i>DLGAP2</i>	0.001927366	0.042462561	0.99989496	1
Stroke	b_cell	<i>DNAJC15</i>	-0.00254267	0.046317643	0.99989496	1
Stroke	b_cell	<i>EFCAB1</i>	-0.025692673	0.013342816	0.99989496	1
Stroke	b_cell	<i>EMG1</i>	-0.003831805	0.015896232	0.99989496	1
Stroke	b_cell	<i>FBXO39</i>	0.038845426	0.010182	0.99989496	1
Stroke	b_cell	<i>FZD9</i>	0.050666231	0.0427453	0.99989496	1
Stroke	b_cell	<i>GNG2</i>	-0.000830523	0.025544993	0.99989496	1
Stroke	b_cell	<i>GPR180</i>	-0.002663358	0.038547301	0.99989496	1
Stroke	b_cell	<i>INPP1</i>	0.0026723	0.031209159	0.99989496	1
Stroke	b_cell	<i>IRX6</i>	-0.00611655	0.045804275	0.99989496	1
Stroke	b_cell	<i>LRRC23</i>	-0.002727527	0.008474496	0.99989496	1
Stroke	b_cell	<i>MAK16</i>	-0.007189886	0.003761593	0.99989496	1
Stroke	b_cell	<i>MAP3K5</i>	-0.000878711	0.041930978	0.99989496	1
Stroke	b_cell	<i>MIEF2</i>	-0.006772976	0.037555933	0.99989496	1
Stroke	b_cell	<i>MOV10</i>	0.003270032	0.010267215	0.99989496	1
Stroke	b_cell	<i>MTBP</i>	-0.00188763	0.044002661	0.99989496	1
Stroke	b_cell	<i>MUC20</i>	-0.017411649	0.012533959	0.99989496	1
Stroke	b_cell	<i>NSUN4</i>	-0.00318746	0.041424101	0.99989496	1
Stroke	b_cell	<i>PDLIM4</i>	0.025707281	0.004494093	0.99989496	1
Stroke	b_cell	<i>POLE4</i>	-0.002976102	0.02875756	0.99989496	1
Stroke	b_cell	<i>PPP2R5E</i>	-0.001821388	0.005856933	0.99989496	1
Stroke	b_cell	<i>RGS16</i>	0.009933369	0.046373266	0.99989496	1
Stroke	b_cell	<i>RTCB</i>	-0.002144403	0.040618131	0.99989496	1
Stroke	b_cell	<i>SACMIL</i>	-0.002954396	0.008447354	0.99989496	1
Stroke	b_cell	<i>SCN2B</i>	0.023894597	0.006695209	0.99989496	1
Stroke	b_cell	<i>SEMA3D</i>	0.001371337	0.049960172	0.99989496	1
Stroke	b_cell	<i>SERGEF</i>	-0.002666131	0.006448784	0.99989496	1
Stroke	b_cell	<i>SERPINB6</i>	-0.002733605	0.038847907	0.99989496	1
Stroke	b_cell	<i>SHMT1</i>	-0.002553386	0.035034022	0.99989496	1
Stroke	b_cell	<i>SKIV2L</i>	-0.007792177	0.037116625	0.99989496	1
Stroke	b_cell	<i>SLC30A6</i>	-0.002875631	0.017740711	0.99989496	1
Stroke	b_cell	<i>SPSB2</i>	-0.005969835	0.014868881	0.99989496	1
Stroke	b_cell	<i>STAB2</i>	0.00166558	0.04398267	0.99989496	1
Stroke	b_cell	<i>STK24</i>	-0.001367604	0.042400581	0.99989496	1
Stroke	b_cell	<i>SULT1C2</i>	-0.015709121	0.001527312	0.99989496	1
Stroke	b_cell	<i>TAF1C</i>	0.007762939	0.009443938	0.99989496	1
Stroke	b_cell	<i>TECPRI</i>	-0.001714013	0.017733723	0.99989496	1
Stroke	b_cell	<i>THUMPD2</i>	-0.002697121	0.014229242	0.99989496	1
Stroke	b_cell	<i>TMEM116</i>	-0.003252486	0.012156216	0.99989496	1
Stroke	b_cell	<i>TRIM13</i>	-0.001575816	0.041567249	0.99989496	1
Stroke	b_cell	<i>UBQLN1</i>	-0.001412077	0.038207907	0.99989496	1
Stroke	b_cell	<i>VNN1</i>	-0.005708619	0.021306336	0.99989496	1
Stroke	b_cell	<i>YTHDC2</i>	-0.001084636	0.015907477	0.99989496	1
Stroke	b_cell	<i>ZMYM1</i>	-0.001467329	0.044172485	0.99989496	1
Stroke	b_cell	<i>FAM106A</i>	0.036493078	0.048026225	0.99989496	1
Stroke	b_cell	<i>SYT3</i>	-0.003321821	0.046314063	0.99989496	1
Stroke	dendritic_cell	<i>ABHD12</i>	-0.002472464	0.011971684	0.983388438	1
Stroke	dendritic_cell	<i>ACOT2</i>	-0.005621586	0.026300228	0.983388438	1
Stroke	dendritic_cell	<i>AHRR</i>	-0.005230864	0.039057467	0.983388438	1
Stroke	dendritic_cell	<i>AMPH</i>	0.005309623	0.002269604	0.983388438	1

Stroke	dendritic_cell	<i>ATP5C1</i>	-0.001735093	0.008980079	0.983388438	1
Stroke	dendritic_cell	<i>BROX</i>	-0.00391578	0.014499903	0.983388438	1
Stroke	dendritic_cell	<i>C19orf18</i>	-0.007630967	0.020503124	0.983388438	1
Stroke	dendritic_cell	<i>CALML6</i>	-0.048557751	0.040262032	0.983388438	1
Stroke	dendritic_cell	<i>CAPN9</i>	-0.009184255	0.033767276	0.983388438	1
Stroke	dendritic_cell	<i>CCDC57</i>	-0.002673049	0.004385646	0.983388438	1
Stroke	dendritic_cell	<i>CDC16</i>	-0.001743837	0.025096798	0.983388438	1
Stroke	dendritic_cell	<i>CKAP2</i>	-0.003192782	0.029937283	0.983388438	1
Stroke	dendritic_cell	<i>CXCL16</i>	-0.003384688	0.020001465	0.983388438	1
Stroke	dendritic_cell	<i>DALRD3</i>	-0.002984509	0.044711066	0.983388438	1
Stroke	dendritic_cell	<i>DCTN5</i>	-0.003666242	0.049544725	0.983388438	1
Stroke	dendritic_cell	<i>DTYMK</i>	0.005498099	0.032614432	0.983388438	1
Stroke	dendritic_cell	<i>DYRK4</i>	-0.005690778	0.02312347	0.983388438	1
Stroke	dendritic_cell	<i>ECII</i>	-0.002858306	0.043166019	0.983388438	1
Stroke	dendritic_cell	<i>EFCAB1</i>	0.023109469	0.024794519	0.983388438	1
Stroke	dendritic_cell	<i>FAM114A1</i>	0.002523192	0.042114628	0.983388438	1
Stroke	dendritic_cell	<i>FAM83B</i>	0.027602417	0.021090851	0.983388438	1
Stroke	dendritic_cell	<i>FBXO25</i>	0.001919667	0.024693622	0.983388438	1
Stroke	dendritic_cell	<i>FDFT1</i>	-0.002682652	0.040345293	0.983388438	1
Stroke	dendritic_cell	<i>GDPD1</i>	-0.002314666	0.020734914	0.983388438	1
Stroke	dendritic_cell	<i>HELLS</i>	-0.003445734	0.033449271	0.983388438	1
Stroke	dendritic_cell	<i>HLA-DQA1</i>	-0.00102461	0.021005382	0.983388438	1
Stroke	dendritic_cell	<i>INO80E</i>	-0.003326288	0.020811563	0.983388438	1
Stroke	dendritic_cell	<i>INPP5B</i>	-0.002488422	0.043340164	0.983388438	1
Stroke	dendritic_cell	<i>LINC00667</i>	-0.004929643	0.025229354	0.983388438	1
Stroke	dendritic_cell	<i>LMF1</i>	-0.003285413	0.002678035	0.983388438	1
Stroke	dendritic_cell	<i>LRRC57</i>	0.004153117	0.001100985	0.983388438	1
Stroke	dendritic_cell	<i>MAP7</i>	-0.005472572	0.035475189	0.983388438	1
Stroke	dendritic_cell	<i>MDM1</i>	0.00330435	0.034850346	0.983388438	1
Stroke	dendritic_cell	<i>MDM2</i>	-0.002927805	0.04671519	0.983388438	1
Stroke	dendritic_cell	<i>MED12L</i>	-0.001695833	0.015843794	0.983388438	1
Stroke	dendritic_cell	<i>MLIP</i>	-0.006974757	0.049373147	0.983388438	1
Stroke	dendritic_cell	<i>MOV10</i>	-0.003365386	0.007765284	0.983388438	1
Stroke	dendritic_cell	<i>NALCN</i>	0.002612398	0.017380686	0.983388438	1
Stroke	dendritic_cell	<i>NCKAP1</i>	0.001740696	0.009292957	0.983388438	1
Stroke	dendritic_cell	<i>NINJI</i>	-0.006090266	0.024173156	0.983388438	1
Stroke	dendritic_cell	<i>NRM</i>	0.026143891	0.000143107	0.662014979	0.662014979
Stroke	dendritic_cell	<i>ODF2</i>	-0.003396676	0.031800917	0.983388438	1
Stroke	dendritic_cell	<i>OSM</i>	-0.046426309	0.043846643	0.983388438	1
Stroke	dendritic_cell	<i>PABPC1L</i>	-0.005396776	0.016224369	0.983388438	1
Stroke	dendritic_cell	<i>PARP6</i>	-0.002096342	0.006576496	0.983388438	1
Stroke	dendritic_cell	<i>PBLD</i>	-0.00527797	0.016880988	0.983388438	1
Stroke	dendritic_cell	<i>PCGF2</i>	0.004647333	0.045106194	0.983388438	1
Stroke	dendritic_cell	<i>PDPR</i>	-0.005680124	0.002581202	0.983388438	1
Stroke	dendritic_cell	<i>PGP</i>	-0.003096646	0.028913814	0.983388438	1
Stroke	dendritic_cell	<i>PLSCR4</i>	0.001140669	0.01819585	0.983388438	1
Stroke	dendritic_cell	<i>POPDC2</i>	-0.011404234	0.037722309	0.983388438	1
Stroke	dendritic_cell	<i>PRPF38A</i>	0.003315149	0.026086507	0.983388438	1
Stroke	dendritic_cell	<i>PWRN1</i>	-0.00415994	0.035165423	0.983388438	1
Stroke	dendritic_cell	<i>RAB6B</i>	0.013380758	0.042269927	0.983388438	1
Stroke	dendritic_cell	<i>RUNX2</i>	-0.00139762	0.02743422	0.983388438	1
Stroke	dendritic_cell	<i>SAMD12</i>	-0.00127386	0.030746522	0.983388438	1

Stroke	dendritic_cell	<i>SGSH</i>	-0.004288672	0.031469044	0.983388438	1
Stroke	dendritic_cell	<i>SLC6A13</i>	-0.046390925	0.045918917	0.983388438	1
Stroke	dendritic_cell	<i>SND1</i>	-0.000741659	0.042046686	0.983388438	1
Stroke	dendritic_cell	<i>SNIP1</i>	-0.003420371	0.022171941	0.983388438	1
Stroke	dendritic_cell	<i>SPATA2L</i>	-0.003341709	0.030942512	0.983388438	1
Stroke	dendritic_cell	<i>TADA2A</i>	-0.002895991	0.016640742	0.983388438	1
Stroke	dendritic_cell	<i>THUMPD2</i>	-0.002555804	0.019505696	0.983388438	1
Stroke	dendritic_cell	<i>TIMM10B</i>	-0.004278387	0.035790167	0.983388438	1
Stroke	dendritic_cell	<i>TMEM116</i>	-0.002788171	0.029983156	0.983388438	1
Stroke	dendritic_cell	<i>TMEM161A</i>	-0.003895818	0.030329375	0.983388438	1
Stroke	dendritic_cell	<i>TMEM80</i>	-0.004215017	0.024321002	0.983388438	1
Stroke	dendritic_cell	<i>TRIM27</i>	-0.004202826	0.027063604	0.983388438	1
Stroke	dendritic_cell	<i>TRIM7</i>	-0.014761606	0.011221559	0.983388438	1
Stroke	dendritic_cell	<i>TSPAN33</i>	-0.002800385	0.046752958	0.983388438	1
Stroke	dendritic_cell	<i>UBOX5</i>	-0.003401958	0.048319051	0.983388438	1
Stroke	dendritic_cell	<i>VAPB</i>	-0.002213395	0.005493225	0.983388438	1
Stroke	dendritic_cell	<i>VPS53</i>	-0.001690675	0.045528347	0.983388438	1
Stroke	dendritic_cell	<i>ZKSCAN7</i>	-0.007030133	0.04478573	0.983388438	1
Stroke	dendritic_cell	<i>ZMYM1</i>	0.001436298	0.048779101	0.983388438	1
Stroke	dendritic_cell	<i>ZNF233</i>	0.007077481	0.045852854	0.983388438	1
Stroke	dendritic_cell	<i>ZNF750</i>	-0.0159645	0.009212974	0.983388438	1
Stroke	dendritic_cell	<i>FAM25A</i>	-0.005752628	0.021733654	0.983388438	1
Stroke	dendritic_cell	<i>PRSS46</i>	-0.00259749	0.045566384	0.983388438	1
Stroke	endometrium	<i>AC131971.1</i>	-0.02652844	0.043358019	0.992158836	1
Stroke	endometrium	<i>ADCK1</i>	-0.003124474	0.018058787	0.992158836	1
Stroke	endometrium	<i>ADO</i>	-0.013002409	0.018629573	0.992158836	1
Stroke	endometrium	<i>ALMS1</i>	-0.001552286	0.018283017	0.992158836	1
Stroke	endometrium	<i>APIAR</i>	-0.003016815	0.01867711	0.992158836	1
Stroke	endometrium	<i>B3GALNT2</i>	-0.001521724	0.039684737	0.992158836	1
Stroke	endometrium	<i>C14orf37</i>	-0.001352672	0.002407157	0.992158836	1
Stroke	endometrium	<i>C20orf96</i>	-0.008085868	0.007714024	0.992158836	1
Stroke	endometrium	<i>CCDC89</i>	0.037469208	0.018977368	0.992158836	1
Stroke	endometrium	<i>CD207</i>	-0.030920081	0.006611804	0.992158836	1
Stroke	endometrium	<i>CENPN</i>	0.01353709	0.026686152	0.992158836	1
Stroke	endometrium	<i>CHRD</i>	0.008068132	0.005952093	0.992158836	1
Stroke	endometrium	<i>CLEC4F</i>	-0.006146485	0.019582978	0.992158836	1
Stroke	endometrium	<i>COPB2</i>	0.001161665	0.045740154	0.992158836	1
Stroke	endometrium	<i>CPS1</i>	-0.008337282	0.023991194	0.992158836	1
Stroke	endometrium	<i>DDIT4L</i>	-0.017547356	0.022276988	0.992158836	1
Stroke	endometrium	<i>DNAJC15</i>	-0.002530304	0.047048241	0.992158836	1
Stroke	endometrium	<i>DNAJC30</i>	-0.007017941	0.039270834	0.992158836	1
Stroke	endometrium	<i>FIGLA</i>	-0.012434173	0.028213126	0.992158836	1
Stroke	endometrium	<i>FITM1</i>	-0.032196342	0.034416693	0.992158836	1
Stroke	endometrium	<i>FXYP2</i>	0.018493692	0.040972523	0.992158836	1
Stroke	endometrium	<i>GLDN</i>	-0.002578873	0.047370194	0.992158836	1
Stroke	endometrium	<i>GOLGA8R</i>	-0.050902922	0.013115845	0.992158836	1
Stroke	endometrium	<i>GPX7</i>	-0.004497466	0.02782335	0.992158836	1
Stroke	endometrium	<i>IFNE</i>	0.034813822	0.037204588	0.992158836	1
Stroke	endometrium	<i>KHDC1</i>	-0.004205985	0.011221747	0.992158836	1
Stroke	endometrium	<i>LIN52</i>	-0.002459039	0.018515981	0.992158836	1
Stroke	endometrium	<i>LINC00865</i>	-0.003559012	0.02413034	0.992158836	1
Stroke	endometrium	<i>LRRK1</i>	-0.001084902	0.011975779	0.992158836	1

Stroke	endometrium	<i>MATN3</i>	-0.033459738	0.010992422	0.992158836	1
Stroke	endometrium	<i>MPHOSPH6</i>	-0.002480919	0.008037768	0.992158836	1
Stroke	endometrium	<i>NDUFAF4</i>	-0.003895963	0.031148426	0.992158836	1
Stroke	endometrium	<i>NSA2</i>	-0.003933941	0.02840658	0.992158836	1
Stroke	endometrium	<i>NSUN2</i>	0.002914946	0.01883557	0.992158836	1
Stroke	endometrium	<i>P2RY11</i>	-0.014271015	0.027678002	0.992158836	1
Stroke	endometrium	<i>PEX1</i>	0.004448588	0.015745061	0.992158836	1
Stroke	endometrium	<i>PILRB</i>	-0.004690607	0.033639654	0.992158836	1
Stroke	endometrium	<i>PWRN1</i>	-0.005337727	0.007218465	0.992158836	1
Stroke	endometrium	<i>RABL2B</i>	-0.003560511	0.027515246	0.992158836	1
Stroke	endometrium	<i>RET</i>	0.008169612	0.019011144	0.992158836	1
Stroke	endometrium	<i>RPS26</i>	-0.006791996	0.031068104	0.992158836	1
Stroke	endometrium	<i>RRM2B</i>	-0.00356493	0.011102502	0.992158836	1
Stroke	endometrium	<i>RSG1</i>	-0.00893364	0.024640577	0.992158836	1
Stroke	endometrium	<i>SAAL1</i>	-0.00321938	0.031432642	0.992158836	1
Stroke	endometrium	<i>SAP25</i>	0.049889678	0.048434146	0.992158836	1
Stroke	endometrium	<i>SBNO2</i>	-0.002874855	0.012598261	0.992158836	1
Stroke	endometrium	<i>SC5D</i>	-0.005246627	0.022915755	0.992158836	1
Stroke	endometrium	<i>SCARA5</i>	0.002971071	0.03958612	0.992158836	1
Stroke	endometrium	<i>SDC3</i>	-0.005594752	0.026068746	0.992158836	1
Stroke	endometrium	<i>SFXN3</i>	0.002493884	0.044937254	0.992158836	1
Stroke	endometrium	<i>SLC26A10</i>	-0.008735777	0.037577172	0.992158836	1
Stroke	endometrium	<i>SLC4A5</i>	-0.011346472	0.039252168	0.992158836	1
Stroke	endometrium	<i>STYX</i>	-0.003100493	0.034965804	0.992158836	1
Stroke	endometrium	<i>SYTI5</i>	-0.018832403	0.038098509	0.992158836	1
Stroke	endometrium	<i>UBQLN1</i>	-0.00135031	0.048086239	0.992158836	1
Stroke	endometrium	<i>ULK4</i>	-0.0009837	0.016717409	0.992158836	1
Stroke	endometrium	<i>ZKSCAN3</i>	-0.003846661	0.03125388	0.992158836	1
Stroke	endometrium	<i>ZNF165</i>	-0.041297733	0.024971879	0.992158836	1
Stroke	endometrium	<i>ZNF709</i>	-0.041138457	0.040410254	0.992158836	1
Stroke	endometrium	<i>LINC01123</i>	-0.011182187	0.019360101	0.992158836	1
Stroke	endometrium	<i>SLC22A31</i>	-0.005750091	0.046321073	0.992158836	1
Stroke	endothelial	<i>ABCA5</i>	-0.001532748	0.007991137	0.952641984	1
Stroke	endothelial	<i>AC019117.2</i>	-0.022916571	0.047302775	0.952641984	1
Stroke	endothelial	<i>ADHFE1</i>	-0.001841657	0.027674102	0.952641984	1
Stroke	endothelial	<i>AL049840.1</i>	-0.003504625	0.014389239	0.952641984	1
Stroke	endothelial	<i>ALS2CR12</i>	-0.004400385	0.026616429	0.952641984	1
Stroke	endothelial	<i>ANKMY1</i>	-0.002017845	0.035946928	0.952641984	1
Stroke	endothelial	<i>ANKRD13A</i>	-0.001642207	0.020299243	0.952641984	1
Stroke	endothelial	<i>AP4M1</i>	-0.00347425	0.033948644	0.952641984	1
Stroke	endothelial	<i>ARL17A</i>	-0.005133084	0.043033933	0.952641984	1
Stroke	endothelial	<i>ATP8A1</i>	-0.001032947	0.030665568	0.952641984	1
Stroke	endothelial	<i>BAK1</i>	-0.013109558	0.029754974	0.952641984	1
Stroke	endothelial	<i>BMPR2</i>	-0.000983211	0.044965676	0.952641984	1
Stroke	endothelial	<i>C10orf25</i>	0.044994457	0.008192084	0.952641984	1
Stroke	endothelial	<i>C18orf8</i>	-0.003142472	0.034369896	0.952641984	1
Stroke	endothelial	<i>C19orf54</i>	-0.009425394	0.0425991	0.952641984	1
Stroke	endothelial	<i>C1GALT1</i>	-0.001411271	0.021701024	0.952641984	1
Stroke	endothelial	<i>CAT</i>	-0.001324671	0.049529287	0.952641984	1
Stroke	endothelial	<i>CCDC112</i>	-0.002049287	0.039522961	0.952641984	1
Stroke	endothelial	<i>CDH15</i>	0.010224562	0.027907927	0.952641984	1
Stroke	endothelial	<i>CENPA</i>	-0.007889616	0.027396642	0.952641984	1

Stroke	endothelial	<i>CIB1</i>	-0.003992154	0.021625553	0.952641984	1
Stroke	endothelial	<i>CLDN9</i>	-0.002689592	0.049619264	0.952641984	1
Stroke	endothelial	<i>CR1</i>	-0.001955194	0.043346714	0.952641984	1
Stroke	endothelial	<i>CROCC</i>	0.002692031	0.036936135	0.952641984	1
Stroke	endothelial	<i>DBNDD1</i>	-0.014979674	0.041431986	0.952641984	1
Stroke	endothelial	<i>DBNDD2</i>	-0.014742072	0.041953719	0.952641984	1
Stroke	endothelial	<i>DHX36</i>	-0.000909617	0.03225863	0.952641984	1
Stroke	endothelial	<i>DIRC3</i>	-0.000925972	0.025729414	0.952641984	1
Stroke	endothelial	<i>ERMP1</i>	-0.003270193	0.015226539	0.952641984	1
Stroke	endothelial	<i>F2RL1</i>	-0.037258397	0.029189399	0.952641984	1
Stroke	endothelial	<i>FDPS</i>	0.00161181	0.032298512	0.952641984	1
Stroke	endothelial	<i>FHIT</i>	-0.000732072	0.035167387	0.952641984	1
Stroke	endothelial	<i>FLVCR1-AS1</i>	-0.004435994	0.046531243	0.952641984	1
Stroke	endothelial	<i>FXYD2</i>	0.018133021	0.045913373	0.952641984	1
Stroke	endothelial	<i>GGPS1</i>	-0.002363369	0.015937113	0.952641984	1
Stroke	endothelial	<i>GYPE</i>	-0.008627972	0.016479591	0.952641984	1
Stroke	endothelial	<i>HINFP</i>	-0.005573717	0.023325434	0.952641984	1
Stroke	endothelial	<i>HRNR</i>	-0.014781573	0.040109608	0.952641984	1
Stroke	endothelial	<i>HTATIP2</i>	-0.003910639	0.031461781	0.952641984	1
Stroke	endothelial	<i>IGHMBP2</i>	-0.003894252	0.044504328	0.952641984	1
Stroke	endothelial	<i>IL27RA</i>	-0.002238041	0.019252375	0.952641984	1
Stroke	endothelial	<i>LAYN</i>	0.005403923	0.011839485	0.952641984	1
Stroke	endothelial	<i>LDLRAD2</i>	-0.011965431	0.035293738	0.952641984	1
Stroke	endothelial	<i>LINC00865</i>	-0.003094245	0.049442612	0.952641984	1
Stroke	endothelial	<i>LY86</i>	-0.001128382	0.024213619	0.952641984	1
Stroke	endothelial	<i>MAP2K5</i>	-0.001453889	0.031753154	0.952641984	1
Stroke	endothelial	<i>MAP3K5</i>	-0.001296085	0.002686078	0.952641984	1
Stroke	endothelial	<i>MARVELD1</i>	-0.002834932	0.048492194	0.952641984	1
Stroke	endothelial	<i>MED12L</i>	-0.00151653	0.030849727	0.952641984	1
Stroke	endothelial	<i>MED28</i>	-0.002320936	0.025577916	0.952641984	1
Stroke	endothelial	<i>MIAT</i>	-0.006543856	0.002205685	0.952641984	1
Stroke	endothelial	<i>MICA</i>	-0.003700267	0.049539908	0.952641984	1
Stroke	endothelial	<i>MTRR</i>	-0.002635753	0.028391712	0.952641984	1
Stroke	endothelial	<i>NDUFC1</i>	-0.001656095	0.032918196	0.952641984	1
Stroke	endothelial	<i>NECAP2</i>	-0.00185898	0.029426983	0.952641984	1
Stroke	endothelial	<i>NPC1</i>	-0.001539074	0.016964116	0.952641984	1
Stroke	endothelial	<i>NPIPA1</i>	-0.006592351	0.021654918	0.952641984	1
Stroke	endothelial	<i>NXNL1</i>	-0.031204439	0.048904857	0.952641984	1
Stroke	endothelial	<i>PARP6</i>	0.001843012	0.017041607	0.952641984	1
Stroke	endothelial	<i>PARVG</i>	-0.001997743	0.043841059	0.952641984	1
Stroke	endothelial	<i>PDSS2</i>	-0.001619358	0.026271725	0.952641984	1
Stroke	endothelial	<i>PHF10</i>	-0.004927496	0.009708219	0.952641984	1
Stroke	endothelial	<i>PIGK</i>	-0.004015311	0.049326172	0.952641984	1
Stroke	endothelial	<i>RABL2B</i>	-0.004016291	0.012657454	0.952641984	1
Stroke	endothelial	<i>RBM6</i>	-0.000675414	0.040873895	0.952641984	1
Stroke	endothelial	<i>RGCC</i>	-0.002080443	0.010376859	0.952641984	1
Stroke	endothelial	<i>RPL13</i>	-0.000869832	0.03019394	0.952641984	1
Stroke	endothelial	<i>RPRD2</i>	-0.001470997	0.027991616	0.952641984	1
Stroke	endothelial	<i>RRAGD</i>	-0.018189423	0.002994287	0.952641984	1
Stroke	endothelial	<i>SDHB</i>	-0.002715664	0.017712955	0.952641984	1
Stroke	endothelial	<i>SERPINF2</i>	-0.005647152	0.027132102	0.952641984	1
Stroke	endothelial	<i>SFXN4</i>	-0.004671397	0.031192936	0.952641984	1

Stroke	endothelial	<i>SH2D3A</i>	-0.004966767	0.021424235	0.952641984	1
Stroke	endothelial	<i>SLC25A51</i>	-0.019542754	0.025763091	0.952641984	1
Stroke	endothelial	<i>SLC37A1</i>	-0.004710405	0.044162609	0.952641984	1
Stroke	endothelial	<i>SMAD5</i>	-0.001403307	0.037253211	0.952641984	1
Stroke	endothelial	<i>SPATA2L</i>	-0.00396355	0.010578039	0.952641984	1
Stroke	endothelial	<i>SPPL3</i>	-0.001143688	0.033742083	0.952641984	1
Stroke	endothelial	<i>SRA1</i>	-0.003244895	0.018055893	0.952641984	1
Stroke	endothelial	<i>SULT1A2</i>	0.012896096	0.036192994	0.952641984	1
Stroke	endothelial	<i>TEX14</i>	-0.006842708	0.048151952	0.952641984	1
Stroke	endothelial	<i>TMEM252</i>	-0.024360611	0.038007891	0.952641984	1
Stroke	endothelial	<i>ULK3</i>	-0.00376089	0.045137625	0.952641984	1
Stroke	endothelial	<i>USP22</i>	-0.001673435	0.025430726	0.952641984	1
Stroke	endothelial	<i>ZBTB32</i>	-0.005234581	0.007489384	0.952641984	1
Stroke	endothelial	<i>ZEB2</i>	-0.000429708	0.044027265	0.952641984	1
Stroke	endothelial	<i>ZFPM2</i>	0.00046812	0.037347094	0.952641984	1
Stroke	endothelial	<i>ZMYM1</i>	-0.001472754	0.04321832	0.952641984	1
Stroke	endothelial	<i>ZNF550</i>	-0.004108226	0.023077935	0.952641984	1
Stroke	endothelial	<i>ZNF736</i>	-0.002466125	0.044979718	0.952641984	1
Stroke	endothelial	<i>ZNF846</i>	-0.001264664	0.015384861	0.952641984	1
Stroke	endothelial	<i>OR52N5</i>	-0.006698072	0.042402315	0.952641984	1
Stroke	LEC	<i>ADAT1</i>	-0.005381699	0.040143559	0.995162164	1
Stroke	LEC	<i>ANGPTL5</i>	-0.016291275	0.04644406	0.995162164	1
Stroke	LEC	<i>ARMC1</i>	-0.002525613	0.012808306	0.995162164	1
Stroke	LEC	<i>ATP5C1</i>	-0.00177926	0.007473847	0.995162164	1
Stroke	LEC	<i>CAPN3</i>	-0.011050452	0.023180091	0.995162164	1
Stroke	LEC	<i>CENPO</i>	-0.005016276	0.016693588	0.995162164	1
Stroke	LEC	<i>CEPT1</i>	-0.0016593	0.027405184	0.995162164	1
Stroke	LEC	<i>CHRNA7</i>	0.020397757	0.049578772	0.995162164	1
Stroke	LEC	<i>CMTR2</i>	-0.003670981	0.038766454	0.995162164	1
Stroke	LEC	<i>CRTC3</i>	-0.001714646	0.037195305	0.995162164	1
Stroke	LEC	<i>DBNDD1</i>	-0.01477779	0.044578048	0.995162164	1
Stroke	LEC	<i>DDX59</i>	-0.002660289	0.04553881	0.995162164	1
Stroke	LEC	<i>EBPL</i>	-0.002833389	0.039432329	0.995162164	1
Stroke	LEC	<i>F2RL1</i>	0.039770051	0.019718749	0.995162164	1
Stroke	LEC	<i>FTCDNL1</i>	-0.001912358	0.039822901	0.995162164	1
Stroke	LEC	<i>GGH</i>	-0.011169427	0.029814837	0.995162164	1
Stroke	LEC	<i>GPR155</i>	-0.001485665	0.048349709	0.995162164	1
Stroke	LEC	<i>GRTP1</i>	-0.004470727	0.03225505	0.995162164	1
Stroke	LEC	<i>IRF4</i>	-0.005741253	0.01731893	0.995162164	1
Stroke	LEC	<i>LCLAT1</i>	-0.001410603	0.049698545	0.995162164	1
Stroke	LEC	<i>MANBAL</i>	-0.004162005	0.016585269	0.995162164	1
Stroke	LEC	<i>MAPK9</i>	-0.006208249	0.002375556	0.995162164	1
Stroke	LEC	<i>MILR1</i>	-0.004111869	0.032090914	0.995162164	1
Stroke	LEC	<i>MPHOSPH6</i>	-0.001929958	0.039106178	0.995162164	1
Stroke	LEC	<i>MRGPRF</i>	-0.004209288	0.041967183	0.995162164	1
Stroke	LEC	<i>MSH3</i>	-0.001246851	0.024647496	0.995162164	1
Stroke	LEC	<i>NMB</i>	-0.005213392	0.048927098	0.995162164	1
Stroke	LEC	<i>NOL10</i>	-0.001806378	0.043197196	0.995162164	1
Stroke	LEC	<i>NSUN2</i>	0.002465492	0.046912826	0.995162164	1
Stroke	LEC	<i>NUP62</i>	-0.002879553	0.033344989	0.995162164	1
Stroke	LEC	<i>OAF</i>	0.002470849	0.039236842	0.995162164	1
Stroke	LEC	<i>PGP</i>	-0.00309274	0.029288386	0.995162164	1

Stroke	LEC	<i>PHIP</i>	-0.000975853	0.046087867	0.995162164	1
Stroke	LEC	<i>PIK3CD</i>	-0.001388654	0.041301157	0.995162164	1
Stroke	LEC	<i>PPM1G</i>	-0.002351606	0.042188858	0.995162164	1
Stroke	LEC	<i>RHBDL1</i>	-0.007155902	0.046457707	0.995162164	1
Stroke	LEC	<i>RTN1</i>	-0.000752509	0.039451324	0.995162164	1
Stroke	LEC	<i>SI00B</i>	-0.002406463	0.049767464	0.995162164	1
Stroke	LEC	<i>SAP18</i>	-0.002764029	0.043332036	0.995162164	1
Stroke	LEC	<i>SENP5</i>	-0.001086165	0.034367364	0.995162164	1
Stroke	LEC	<i>Sep-01</i>	-0.003643031	0.040143755	0.995162164	1
Stroke	LEC	<i>SF3B2</i>	-0.002918981	0.044851306	0.995162164	1
Stroke	LEC	<i>SNX19</i>	-0.002212042	0.034694524	0.995162164	1
Stroke	LEC	<i>TAS2R43</i>	-0.02778314	0.04537642	0.995162164	1
Stroke	LEC	<i>TBX2</i>	-0.002263591	0.033173693	0.995162164	1
Stroke	LEC	<i>TRIM7</i>	-0.016689912	0.00417393	0.995162164	1
Stroke	LEC	<i>UFSP2</i>	-0.001913829	0.014508843	0.995162164	1
Stroke	LEC	<i>YPEL4</i>	-0.027000264	0.002206063	0.995162164	1
Stroke	LEC	<i>ZNF211</i>	-0.00627649	0.017686438	0.995162164	1
Stroke	LEC	<i>ZNF30</i>	-0.003595984	0.035263255	0.995162164	1
Stroke	LEC	<i>ZNF493</i>	-0.003940051	0.001621957	0.995162164	1
Stroke	LEC	<i>DNAH10OS</i>	0.026011998	0.02716017	0.995162164	1
Stroke	LEC	<i>SIGLEC5</i>	-0.00269072	0.049753223	0.995162164	1
Stroke	macrophage	<i>AC093668.2</i>	-0.010941174	0.019422266	0.867394806	1
Stroke	macrophage	<i>ACSM4</i>	-0.006974014	0.042011149	0.867394806	1
Stroke	macrophage	<i>ALDH1A3</i>	0.006691297	0.044054392	0.867394806	1
Stroke	macrophage	<i>ANGPTL6</i>	-0.01550031	0.015029286	0.867394806	1
Stroke	macrophage	<i>ANKH</i>	-0.001152415	0.030567729	0.867394806	1
Stroke	macrophage	<i>APOBEC3C</i>	-0.009096402	0.000966302	0.867394806	1
Stroke	macrophage	<i>APTX</i>	-0.002190371	0.036304804	0.867394806	1
Stroke	macrophage	<i>ASAH2B</i>	-0.015338114	0.024806897	0.867394806	1
Stroke	macrophage	<i>B3GALNT2</i>	-0.001627477	0.027830272	0.867394806	1
Stroke	macrophage	<i>C9orf24</i>	-0.005472195	0.045586307	0.867394806	1
Stroke	macrophage	<i>CALML6</i>	-0.048948216	0.039910106	0.867394806	1
Stroke	macrophage	<i>CCDC127</i>	-0.008131128	0.027599667	0.867394806	1
Stroke	macrophage	<i>CCDC167</i>	-0.00676568	0.048295892	0.867394806	1
Stroke	macrophage	<i>CCT3</i>	-0.00326034	0.037221548	0.867394806	1
Stroke	macrophage	<i>CD38</i>	-0.0028453	0.046597466	0.867394806	1
Stroke	macrophage	<i>CD83</i>	-0.003088159	0.011548824	0.867394806	1
Stroke	macrophage	<i>CDC7</i>	-0.006137619	0.033086954	0.867394806	1
Stroke	macrophage	<i>CHRFAM7A</i>	-0.057136388	0.038207726	0.867394806	1
Stroke	macrophage	<i>CLEC18A</i>	-0.024734825	0.004869664	0.867394806	1
Stroke	macrophage	<i>CLEC4F</i>	-0.005689449	0.030636657	0.867394806	1
Stroke	macrophage	<i>COL6A6</i>	0.003064279	0.045177332	0.867394806	1
Stroke	macrophage	<i>CPVL</i>	-0.000595457	0.031021506	0.867394806	1
Stroke	macrophage	<i>CR1</i>	-0.002056138	0.034436195	0.867394806	1
Stroke	macrophage	<i>CYP4A11</i>	-0.026609257	0.006011618	0.867394806	1
Stroke	macrophage	<i>DCLK3</i>	-0.06601935	0.013647336	0.867394806	1
Stroke	macrophage	<i>DCT</i>	-0.007466585	0.015636482	0.867394806	1
Stroke	macrophage	<i>DLGAP2</i>	0.002281455	0.016336593	0.867394806	1
Stroke	macrophage	<i>DUS3L</i>	-0.010046165	0.048550405	0.867394806	1
Stroke	macrophage	<i>ENGASE</i>	-0.003249228	0.045161554	0.867394806	1
Stroke	macrophage	<i>ERCC5</i>	-0.006150573	0.048092912	0.867394806	1
Stroke	macrophage	<i>EXOSC6</i>	-0.007303908	0.000188711	0.636966425	0.872976868

Stroke	macrophage	<i>FOXN2</i>	-0.001175724	0.04281457	0.867394806	1
Stroke	macrophage	<i>FTCDNL1</i>	-0.001850988	0.047549728	0.867394806	1
Stroke	macrophage	<i>GALM</i>	-0.001888176	0.017968265	0.867394806	1
Stroke	macrophage	<i>GBA2</i>	-0.004226301	0.000275385	0.636966425	1
Stroke	macrophage	<i>GGCX</i>	-0.003178518	0.042397987	0.867394806	1
Stroke	macrophage	<i>GNG2</i>	-0.000790702	0.034640481	0.867394806	1
Stroke	macrophage	<i>GOLGA8H</i>	-0.016665026	0.001756809	0.867394806	1
Stroke	macrophage	<i>GPR132</i>	-0.002493837	0.0425711	0.867394806	1
Stroke	macrophage	<i>GPR52</i>	0.038917013	0.026081194	0.867394806	1
Stroke	macrophage	<i>GPX7</i>	-0.006573412	0.001281496	0.867394806	1
Stroke	macrophage	<i>GRAMD1B</i>	-0.001923549	0.045491708	0.867394806	1
Stroke	macrophage	<i>GRHPR</i>	-0.003460578	0.035152449	0.867394806	1
Stroke	macrophage	<i>HCG9</i>	0.018849425	0.040453945	0.867394806	1
Stroke	macrophage	<i>HEMK1</i>	-0.006225823	0.043825663	0.867394806	1
Stroke	macrophage	<i>HLA-DRB5</i>	-0.001020956	0.030517713	0.867394806	1
Stroke	macrophage	<i>HTR1F</i>	-0.018009296	0.048961896	0.867394806	1
Stroke	macrophage	<i>IL17RA</i>	-0.001527182	0.046275649	0.867394806	1
Stroke	macrophage	<i>IMPG1</i>	-0.03427157	0.043665322	0.867394806	1
Stroke	macrophage	<i>IP6K3</i>	-0.015233796	0.048927826	0.867394806	1
Stroke	macrophage	<i>IQCH-AS1</i>	-0.001757806	0.037723036	0.867394806	1
Stroke	macrophage	<i>JMJD7</i>	-0.014755577	0.03816071	0.867394806	1
Stroke	macrophage	<i>KIAA1468</i>	-0.001188353	0.006613042	0.867394806	1
Stroke	macrophage	<i>KIF16B</i>	-0.001501715	0.01889887	0.867394806	1
Stroke	macrophage	<i>LITD1</i>	-0.059392198	0.03157859	0.867394806	1
Stroke	macrophage	<i>LINC00865</i>	-0.004212231	0.007695361	0.867394806	1
Stroke	macrophage	<i>LINC01119</i>	-0.012338558	0.037332668	0.867394806	1
Stroke	macrophage	<i>LRRC8B</i>	-0.003480373	0.022050885	0.867394806	1
Stroke	macrophage	<i>LRWD1</i>	-0.024635335	0.02537757	0.867394806	1
Stroke	macrophage	<i>LSM7</i>	-0.003189962	0.029459553	0.867394806	1
Stroke	macrophage	<i>LY75</i>	-0.006512867	0.017978498	0.867394806	1
Stroke	macrophage	<i>MANBAL</i>	-0.003459596	0.046751184	0.867394806	1
Stroke	macrophage	<i>MAP3K3</i>	0.001455011	0.016927278	0.867394806	1
Stroke	macrophage	<i>MCM6</i>	-0.005394888	0.027963258	0.867394806	1
Stroke	macrophage	<i>MED12L</i>	-0.001415772	0.044726128	0.867394806	1
Stroke	macrophage	<i>MMP16</i>	0.001972953	0.041288332	0.867394806	1
Stroke	macrophage	<i>MRO</i>	-0.015960858	0.015237114	0.867394806	1
Stroke	macrophage	<i>MTG2</i>	-0.00312713	0.03905394	0.867394806	1
Stroke	macrophage	<i>MTMR6</i>	-0.003307335	0.011249667	0.867394806	1
Stroke	macrophage	<i>NEK3</i>	-0.001970913	0.033067614	0.867394806	1
Stroke	macrophage	<i>NOV</i>	0.007451138	0.017072859	0.867394806	1
Stroke	macrophage	<i>OPN1SW</i>	-0.009034248	0.032821726	0.867394806	1
Stroke	macrophage	<i>P2RY12</i>	-0.002141532	0.045776204	0.867394806	1
Stroke	macrophage	<i>PARP10</i>	-0.005387186	0.013557871	0.867394806	1
Stroke	macrophage	<i>PARVG</i>	-0.002091327	0.035750231	0.867394806	1
Stroke	macrophage	<i>PBLD</i>	-0.005145925	0.019884993	0.867394806	1
Stroke	macrophage	<i>PDCD1LG2</i>	-0.004443463	0.005354229	0.867394806	1
Stroke	macrophage	<i>PF4</i>	-0.002601419	0.042974532	0.867394806	1
Stroke	macrophage	<i>PYCR2</i>	0.017981587	0.005284018	0.867394806	1
Stroke	macrophage	<i>RAD51C</i>	-0.004090933	0.025152601	0.867394806	1
Stroke	macrophage	<i>RBM6</i>	-0.000815259	0.013596538	0.867394806	1
Stroke	macrophage	<i>RCSD1</i>	-0.000721473	0.025745503	0.867394806	1
Stroke	macrophage	<i>RELL2</i>	-0.005530375	0.045316221	0.867394806	1

Stroke	macrophage	<i>RGCC</i>	-0.00159958	0.047923066	0.867394806	1
Stroke	macrophage	<i>RIOK1</i>	-0.003301507	0.048761796	0.867394806	1
Stroke	macrophage	<i>RNASEK</i>	-0.003747753	0.035831406	0.867394806	1
Stroke	macrophage	<i>RNF157</i>	-0.004002872	0.045700239	0.867394806	1
Stroke	macrophage	<i>RNF44</i>	-0.008017004	0.020852175	0.867394806	1
Stroke	macrophage	<i>RTN1</i>	-0.000832379	0.023671361	0.867394806	1
Stroke	macrophage	<i>SGIP1</i>	0.001511997	0.033553072	0.867394806	1
Stroke	macrophage	<i>SHISA4</i>	-0.010710319	0.016202291	0.867394806	1
Stroke	macrophage	<i>SIRT6</i>	-0.004693541	0.019483986	0.867394806	1
Stroke	macrophage	<i>SLC10A5</i>	-0.01376634	0.039645535	0.867394806	1
Stroke	macrophage	<i>SLC25A26</i>	-0.001844447	0.035787846	0.867394806	1
Stroke	macrophage	<i>SLC7A9</i>	-0.012229721	0.041206701	0.867394806	1
Stroke	macrophage	<i>SNX15</i>	-0.0424339	0.031936032	0.867394806	1
Stroke	macrophage	<i>SUCLG2</i>	-0.001270117	0.012626855	0.867394806	1
Stroke	macrophage	<i>TCTE1</i>	-0.054387572	0.02694015	0.867394806	1
Stroke	macrophage	<i>TMED6</i>	-0.042105213	0.02240781	0.867394806	1
Stroke	macrophage	<i>TMEM144</i>	-0.002575067	0.020228305	0.867394806	1
Stroke	macrophage	<i>TMEM242</i>	-0.002619977	0.022965685	0.867394806	1
Stroke	macrophage	<i>TMEM70</i>	-0.005416244	0.042234954	0.867394806	1
Stroke	macrophage	<i>TNFRSF11B</i>	0.011516001	0.023803105	0.867394806	1
Stroke	macrophage	<i>TSPAN33</i>	-0.002790362	0.048478342	0.867394806	1
Stroke	macrophage	<i>TSR3</i>	-0.003295487	0.041109939	0.867394806	1
Stroke	macrophage	<i>UGT2B4</i>	-0.009306497	0.047634637	0.867394806	1
Stroke	macrophage	<i>YIPF2</i>	-0.004025664	0.049987503	0.867394806	1
Stroke	macrophage	<i>ZDHHC4</i>	-0.005721996	0.009577073	0.867394806	1
Stroke	macrophage	<i>ZFPM2</i>	0.000460078	0.041259654	0.867394806	1
Stroke	macrophage	<i>ZNF254</i>	-0.001983335	0.037328169	0.867394806	1
Stroke	macrophage	<i>ZNF91</i>	0.00154209	0.035081687	0.867394806	1
Stroke	macrophage	<i>POLR2J2</i>	-0.04518068	0.039266974	0.867394806	1
Stroke	macrophage	<i>SOHLH2</i>	-0.002975664	0.042256744	0.867394806	1
Stroke	macrophage	<i>SLC22A31</i>	-0.006164654	0.031926356	0.867394806	1
Stroke	macrophage	<i>KIF25-AS1</i>	-0.004028864	0.037883118	0.867394806	1
Stroke	mast_cell	<i>ABHD1</i>	-0.004451386	0.037574764	0.84600572	1
Stroke	mast_cell	<i>AC016773.1</i>	-0.008171079	0.03597876	0.84600572	1
Stroke	mast_cell	<i>AC093668.2</i>	-0.009794156	0.035422373	0.84600572	1
Stroke	mast_cell	<i>ADRA2B</i>	-0.020210193	0.013139703	0.84600572	1
Stroke	mast_cell	<i>AGAP6</i>	-0.005480646	0.037698221	0.84600572	1
Stroke	mast_cell	<i>AGER</i>	-0.008015344	0.036780172	0.84600572	1
Stroke	mast_cell	<i>AHRR</i>	0.005687466	0.024764494	0.84600572	1
Stroke	mast_cell	<i>ALMS1</i>	-0.001478564	0.023838108	0.84600572	1
Stroke	mast_cell	<i>AP1M1</i>	-0.004420462	0.047279849	0.84600572	1
Stroke	mast_cell	<i>ARHGAP1</i>	-0.003943572	0.020378057	0.84600572	1
Stroke	mast_cell	<i>ATP8B3</i>	-0.010331553	0.037073723	0.84600572	1
Stroke	mast_cell	<i>C11orf21</i>	-0.009990472	0.009729074	0.84600572	1
Stroke	mast_cell	<i>C17orf62</i>	-0.002783976	0.040954787	0.84600572	1
Stroke	mast_cell	<i>C19orf18</i>	0.00679586	0.038049148	0.84600572	1
Stroke	mast_cell	<i>C8orf33</i>	-0.005225019	0.004647614	0.84600572	1
Stroke	mast_cell	<i>CACNA1A</i>	-0.002745847	0.019823224	0.84600572	1
Stroke	mast_cell	<i>CASP9</i>	-0.004681613	0.018474559	0.84600572	1
Stroke	mast_cell	<i>CATSPERB</i>	0.002225059	0.03980536	0.84600572	1
Stroke	mast_cell	<i>CCDC158</i>	-0.013294896	0.032745738	0.84600572	1
Stroke	mast_cell	<i>CDC26</i>	-0.004686989	0.046884932	0.84600572	1

Stroke	mast_cell	<i>CHRNA5</i>	-0.010792975	0.00115969	0.84600572	1
Stroke	mast_cell	<i>COQ5</i>	-0.006485534	0.026119671	0.84600572	1
Stroke	mast_cell	<i>CPNE1</i>	-0.002592195	0.044816319	0.84600572	1
Stroke	mast_cell	<i>CPSF2</i>	-0.003010487	0.041343234	0.84600572	1
Stroke	mast_cell	<i>CTC1</i>	-0.006664553	0.022624792	0.84600572	1
Stroke	mast_cell	<i>DARS2</i>	-0.003538529	0.048844698	0.84600572	1
Stroke	mast_cell	<i>DGCR2</i>	-0.001830056	0.049131867	0.84600572	1
Stroke	mast_cell	<i>DHX34</i>	-0.00249804	0.010530777	0.84600572	1
Stroke	mast_cell	<i>DNAJC15</i>	-0.002555285	0.044616386	0.84600572	1
Stroke	mast_cell	<i>DNAJC16</i>	-0.00227165	0.026277116	0.84600572	1
Stroke	mast_cell	<i>DNAJC6</i>	-0.003811953	0.022190647	0.84600572	1
Stroke	mast_cell	<i>ENGASE</i>	-0.003207278	0.047324471	0.84600572	1
Stroke	mast_cell	<i>FAM105A</i>	-0.001644408	0.049383052	0.84600572	1
Stroke	mast_cell	<i>FAM72B</i>	-0.008756915	0.024472288	0.84600572	1
Stroke	mast_cell	<i>FAM86C1</i>	-0.015320227	0.019000874	0.84600572	1
Stroke	mast_cell	<i>FARP2</i>	-0.002374813	0.005076759	0.84600572	1
Stroke	mast_cell	<i>FCGR2B</i>	-0.002111618	0.045815538	0.84600572	1
Stroke	mast_cell	<i>FLT3</i>	-0.001489282	0.040602975	0.84600572	1
Stroke	mast_cell	<i>FLT4</i>	0.002664368	0.023425592	0.84600572	1
Stroke	mast_cell	<i>FRA10AC1</i>	-0.002431713	0.007321886	0.84600572	1
Stroke	mast_cell	<i>GCDH</i>	-0.003507989	0.030753591	0.84600572	1
Stroke	mast_cell	<i>GID8</i>	-0.004465286	0.022710194	0.84600572	1
Stroke	mast_cell	<i>GLO1</i>	-0.001792756	0.047233184	0.84600572	1
Stroke	mast_cell	<i>GNRHR</i>	-0.006440952	0.035377797	0.84600572	1
Stroke	mast_cell	<i>GRHRP</i>	-0.003385841	0.039406717	0.84600572	1
Stroke	mast_cell	<i>GS1-124K5.4</i>	-0.007836389	0.037636354	0.84600572	1
Stroke	mast_cell	<i>H3F3A</i>	-0.002998151	0.041125064	0.84600572	1
Stroke	mast_cell	<i>HLA-DQA1</i>	-0.000991517	0.025512544	0.84600572	1
Stroke	mast_cell	<i>IL12RB1</i>	-0.005152727	0.031601395	0.84600572	1
Stroke	mast_cell	<i>IL17RB</i>	-0.010624003	0.008847187	0.84600572	1
Stroke	mast_cell	<i>KHK</i>	-0.015414004	0.044926227	0.84600572	1
Stroke	mast_cell	<i>LINC00702</i>	-0.004282017	0.010105854	0.84600572	1
Stroke	mast_cell	<i>LIPC</i>	0.00511594	0.038530531	0.84600572	1
Stroke	mast_cell	<i>LRRC8B</i>	-0.003634374	0.017043737	0.84600572	1
Stroke	mast_cell	<i>LY86</i>	-0.000994393	0.046918287	0.84600572	1
Stroke	mast_cell	<i>MAN2B1</i>	-0.00205674	0.043169504	0.84600572	1
Stroke	mast_cell	<i>MAP3K5</i>	-0.000919671	0.033277203	0.84600572	1
Stroke	mast_cell	<i>MCOLN2</i>	-0.002097665	0.040451813	0.84600572	1
Stroke	mast_cell	<i>MED12L</i>	-0.00144542	0.039689742	0.84600572	1
Stroke	mast_cell	<i>MED28</i>	-0.002118545	0.041189797	0.84600572	1
Stroke	mast_cell	<i>MMP16</i>	0.001909007	0.048582416	0.84600572	1
Stroke	mast_cell	<i>MR1</i>	-0.002582665	0.021010764	0.84600572	1
Stroke	mast_cell	<i>MRPL20</i>	0.002175276	0.027288848	0.84600572	1
Stroke	mast_cell	<i>MRPS10</i>	-0.003765343	0.033231635	0.84600572	1
Stroke	mast_cell	<i>MTBP</i>	-0.002075206	0.026141054	0.84600572	1
Stroke	mast_cell	<i>NALCN</i>	0.002294535	0.036438839	0.84600572	1
Stroke	mast_cell	<i>NDOR1</i>	-0.004275964	0.000621737	0.84600572	1
Stroke	mast_cell	<i>NIM1K</i>	-0.042115281	0.035955497	0.84600572	1
Stroke	mast_cell	<i>NT5C</i>	-0.003648327	0.032519939	0.84600572	1
Stroke	mast_cell	<i>NTPCR</i>	-0.00232916	0.008270661	0.84600572	1
Stroke	mast_cell	<i>NUDT18</i>	0.014971369	0.049487291	0.84600572	1
Stroke	mast_cell	<i>NUP62</i>	-0.003464373	0.010462154	0.84600572	1

Stroke	mast_cell	<i>OSM</i>	-0.054973972	0.01951215	0.84600572	1
Stroke	mast_cell	<i>PAOX</i>	-0.006235191	0.012789942	0.84600572	1
Stroke	mast_cell	<i>PDE6C</i>	-0.012401517	0.000236757	0.84600572	1
Stroke	mast_cell	<i>PLSCR4</i>	0.001318939	0.00640192	0.84600572	1
Stroke	mast_cell	<i>PM20D1</i>	0.010030839	0.042166126	0.84600572	1
Stroke	mast_cell	<i>PPP2R2D</i>	-0.002459443	0.039024132	0.84600572	1
Stroke	mast_cell	<i>PSMF1</i>	-0.002230216	0.0390865	0.84600572	1
Stroke	mast_cell	<i>PYROXD1</i>	-0.002446788	0.006749714	0.84600572	1
Stroke	mast_cell	<i>QRSL1</i>	-0.001972235	0.047257473	0.84600572	1
Stroke	mast_cell	<i>RCSD1</i>	-0.000640071	0.04733823	0.84600572	1
Stroke	mast_cell	<i>RET</i>	0.008221359	0.018850297	0.84600572	1
Stroke	mast_cell	<i>RNASEH2B</i>	-0.001244683	0.038268012	0.84600572	1
Stroke	mast_cell	<i>RNF114</i>	-0.00329158	0.01231682	0.84600572	1
Stroke	mast_cell	<i>RTCB</i>	-0.002477615	0.017862069	0.84600572	1
Stroke	mast_cell	<i>RTN1</i>	-0.000752563	0.039381869	0.84600572	1
Stroke	mast_cell	<i>SACMIL</i>	-0.003463393	0.001967442	0.84600572	1
Stroke	mast_cell	<i>SAMD1</i>	-0.006835114	0.026405713	0.84600572	1
Stroke	mast_cell	<i>SAMD14</i>	-0.00562775	0.034062692	0.84600572	1
Stroke	mast_cell	<i>SDC3</i>	-0.005118658	0.040784558	0.84600572	1
Stroke	mast_cell	<i>SEC22C</i>	0.00269575	0.039431479	0.84600572	1
Stroke	mast_cell	<i>SFTPD</i>	-0.005306248	0.016078873	0.84600572	1
Stroke	mast_cell	<i>SHC2</i>	0.008821823	0.03055975	0.84600572	1
Stroke	mast_cell	<i>SLC20A2</i>	-0.002643346	0.017223778	0.84600572	1
Stroke	mast_cell	<i>SLC35B4</i>	-0.004164655	0.015771257	0.84600572	1
Stroke	mast_cell	<i>SMUG1</i>	-0.003152987	0.032710141	0.84600572	1
Stroke	mast_cell	<i>SNIP1</i>	-0.003407073	0.022175664	0.84600572	1
Stroke	mast_cell	<i>SPPL3</i>	-0.001159151	0.031245856	0.84600572	1
Stroke	mast_cell	<i>SSI8L2</i>	0.005522738	0.042985417	0.84600572	1
Stroke	mast_cell	<i>STEAP3</i>	-0.005514797	0.026260493	0.84600572	1
Stroke	mast_cell	<i>STRN4</i>	-0.006706108	0.024320268	0.84600572	1
Stroke	mast_cell	<i>TACC3</i>	-0.005095396	0.035408116	0.84600572	1
Stroke	mast_cell	<i>TATDN3</i>	-0.002359188	0.038293254	0.84600572	1
Stroke	mast_cell	<i>TCP11L1</i>	-0.001772299	0.046962432	0.84600572	1
Stroke	mast_cell	<i>TDRKH</i>	-0.010777229	0.032929864	0.84600572	1
Stroke	mast_cell	<i>THEM4</i>	-0.002533126	0.038310079	0.84600572	1
Stroke	mast_cell	<i>TIGD7</i>	-0.004513251	0.024601108	0.84600572	1
Stroke	mast_cell	<i>TMEM206</i>	-0.004640359	0.018031994	0.84600572	1
Stroke	mast_cell	<i>TMEM8A</i>	-0.009230238	0.019836246	0.84600572	1
Stroke	mast_cell	<i>TMEM8B</i>	-0.003561383	0.033196826	0.84600572	1
Stroke	mast_cell	<i>TNFRSF18</i>	-0.00597914	0.038815161	0.84600572	1
Stroke	mast_cell	<i>TONSL</i>	-0.005812686	0.045975616	0.84600572	1
Stroke	mast_cell	<i>TREML4</i>	-0.003477129	0.027574734	0.84600572	1
Stroke	mast_cell	<i>TRIM4</i>	-0.002457826	0.023351271	0.84600572	1
Stroke	mast_cell	<i>UCP2</i>	-0.003879217	0.013635919	0.84600572	1
Stroke	mast_cell	<i>VAMP1</i>	-0.004617039	0.034582298	0.84600572	1
Stroke	mast_cell	<i>VAMP4</i>	0.001770148	0.045244693	0.84600572	1
Stroke	mast_cell	<i>WDFY4</i>	-0.000994821	0.042131498	0.84600572	1
Stroke	mast_cell	<i>WDR6</i>	-0.002039955	0.019497743	0.84600572	1
Stroke	mast_cell	<i>ZDHHC4</i>	-0.005397339	0.014302539	0.84600572	1
Stroke	mast_cell	<i>ZFPM2</i>	0.000527388	0.019091092	0.84600572	1
Stroke	mast_cell	<i>ZNF547</i>	-0.011376844	0.020882709	0.84600572	1
Stroke	mast_cell	<i>ZNF613</i>	-0.011501356	0.044125954	0.84600572	1

Stroke	mast_cell	<i>CCL4L2</i>	-0.011823343	0.02171921	0.84600572	1
Stroke	mast_cell	<i>DNAH10OS</i>	0.02334196	0.04700192	0.84600572	1
Stroke	mast_cell	<i>KLHDC7A</i>	-0.004997898	0.010669754	0.84600572	1
Stroke	mast_cell	<i>SLC12A5</i>	-0.023442138	0.044759482	0.84600572	1
Stroke	mast_cell	<i>OR52N5</i>	-0.006600825	0.044564913	0.84600572	1
Stroke	mast_cell	<i>P2RX2</i>	-0.04751829	0.030987139	0.84600572	1
Stroke	mesothelium	<i>ABCA7</i>	-0.007552001	0.013537294	0.799421661	1
Stroke	mesothelium	<i>AC005082.1</i>	-0.012788729	0.0406674	0.799421661	1
Stroke	mesothelium	<i>AC022498.1</i>	-0.024821153	0.016659684	0.799421661	1
Stroke	mesothelium	<i>ACP5</i>	-0.013421696	0.047784834	0.799421661	1
Stroke	mesothelium	<i>ADAMTS13</i>	-0.008098158	0.041548108	0.799421661	1
Stroke	mesothelium	<i>ADHFE1</i>	-0.002052771	0.014227604	0.799421661	1
Stroke	mesothelium	<i>ADRA2B</i>	-0.018871946	0.020944005	0.799421661	1
Stroke	mesothelium	<i>AIM2</i>	-0.002662117	0.040419898	0.799421661	1
Stroke	mesothelium	<i>AL590822.1</i>	-0.011242973	0.038143477	0.799421661	1
Stroke	mesothelium	<i>ALMS1</i>	-0.001652879	0.011651356	0.799421661	1
Stroke	mesothelium	<i>ANGEL2</i>	-0.00131807	0.045113947	0.799421661	1
Stroke	mesothelium	<i>ARHGAP1</i>	-0.003446662	0.04267389	0.799421661	1
Stroke	mesothelium	<i>ATP5G2</i>	-0.001362605	0.034752918	0.799421661	1
Stroke	mesothelium	<i>ATP6V1E1</i>	-0.002658783	0.044965202	0.799421661	1
Stroke	mesothelium	<i>BALAP3</i>	-0.015657264	0.035787427	0.799421661	1
Stroke	mesothelium	<i>C10orf107</i>	-0.004735163	0.042554965	0.799421661	1
Stroke	mesothelium	<i>C10orf88</i>	-0.005338349	0.048879246	0.799421661	1
Stroke	mesothelium	<i>C1orf43</i>	-0.002125698	0.028828867	0.799421661	1
Stroke	mesothelium	<i>C4BPB</i>	-0.013002947	0.044818053	0.799421661	1
Stroke	mesothelium	<i>CCND1</i>	-0.003637698	0.049766405	0.799421661	1
Stroke	mesothelium	<i>CDCP1</i>	-0.002207051	0.017977109	0.799421661	1
Stroke	mesothelium	<i>CENPH</i>	-0.006871637	0.037099591	0.799421661	1
Stroke	mesothelium	<i>CENPN</i>	0.013033605	0.032660434	0.799421661	1
Stroke	mesothelium	<i>CHML</i>	-0.005637199	0.018201853	0.799421661	1
Stroke	mesothelium	<i>CIAPIN1</i>	-0.002797999	0.030934108	0.799421661	1
Stroke	mesothelium	<i>CKMT2</i>	-0.006289876	0.018351766	0.799421661	1
Stroke	mesothelium	<i>CLDN7</i>	-0.007229464	0.018539909	0.799421661	1
Stroke	mesothelium	<i>CLDN9</i>	-0.003086522	0.024087669	0.799421661	1
Stroke	mesothelium	<i>CLEC18A</i>	-0.021203055	0.015246924	0.799421661	1
Stroke	mesothelium	<i>CNTLN</i>	-0.000891792	0.02497464	0.799421661	1
Stroke	mesothelium	<i>CYP4F12</i>	-0.009382988	0.034725907	0.799421661	1
Stroke	mesothelium	<i>DDA1</i>	-0.00787909	0.019951076	0.799421661	1
Stroke	mesothelium	<i>DLGAP2</i>	0.002055321	0.029946281	0.799421661	1
Stroke	mesothelium	<i>DNAJC12</i>	-0.008725172	0.027952786	0.799421661	1
Stroke	mesothelium	<i>ERI3</i>	-0.00175585	0.049689519	0.799421661	1
Stroke	mesothelium	<i>ERVW-1</i>	-0.009999724	0.019032614	0.799421661	1
Stroke	mesothelium	<i>ESPNL</i>	-0.029996246	0.027037418	0.799421661	1
Stroke	mesothelium	<i>EXOC8</i>	0.022877893	0.037342312	0.799421661	1
Stroke	mesothelium	<i>EZH1</i>	-0.002227012	0.031554397	0.799421661	1
Stroke	mesothelium	<i>FAM105A</i>	-0.001679722	0.044591185	0.799421661	1
Stroke	mesothelium	<i>FAM173B</i>	-0.002944077	0.046024565	0.799421661	1
Stroke	mesothelium	<i>FAM96A</i>	-0.002828565	0.04591006	0.799421661	1
Stroke	mesothelium	<i>FANCA</i>	-0.003508459	0.035385107	0.799421661	1
Stroke	mesothelium	<i>FCGR2B</i>	-0.002810256	0.00777729	0.799421661	1
Stroke	mesothelium	<i>FFAR4</i>	-0.00692419	0.008282253	0.799421661	1
Stroke	mesothelium	<i>FLT3</i>	-0.001590105	0.028786284	0.799421661	1

Stroke	mesothelium	<i>FTCDNL1</i>	-0.002645591	0.004404928	0.799421661	1
Stroke	mesothelium	<i>G6PC3</i>	-0.009224971	0.011130856	0.799421661	1
Stroke	mesothelium	<i>GALM</i>	-0.001693499	0.033356552	0.799421661	1
Stroke	mesothelium	<i>GALNT8</i>	0.017200184	0.013058894	0.799421661	1
Stroke	mesothelium	<i>GCLM</i>	-0.004260179	0.018475724	0.799421661	1
Stroke	mesothelium	<i>GNB3</i>	-0.008585105	0.041236231	0.799421661	1
Stroke	mesothelium	<i>GOLGA8M</i>	-0.011940907	0.004229695	0.799421661	1
Stroke	mesothelium	<i>GRIN2D</i>	-0.010038162	0.042986344	0.799421661	1
Stroke	mesothelium	<i>GSTZ1</i>	-0.004715677	0.039735669	0.799421661	1
Stroke	mesothelium	<i>HAUS1</i>	0.007073107	0.045838022	0.799421661	1
Stroke	mesothelium	<i>HIP1</i>	-0.000896191	0.016868775	0.799421661	1
Stroke	mesothelium	<i>HMBS</i>	-0.010301825	0.036210562	0.799421661	1
Stroke	mesothelium	<i>HMG20A</i>	-0.002387959	0.043764942	0.799421661	1
Stroke	mesothelium	<i>HSD17B1</i>	-0.012844767	0.004702905	0.799421661	1
Stroke	mesothelium	<i>HSD17B8</i>	-0.027615192	0.002485301	0.799421661	1
Stroke	mesothelium	<i>IDO2</i>	-0.012362163	0.022350116	0.799421661	1
Stroke	mesothelium	<i>ILF3-AS1</i>	-0.00601955	0.012995389	0.799421661	1
Stroke	mesothelium	<i>IRF4</i>	-0.005650134	0.018768969	0.799421661	1
Stroke	mesothelium	<i>ISLR2</i>	0.021338397	0.029027506	0.799421661	1
Stroke	mesothelium	<i>KBTD3</i>	-0.004197755	0.037942271	0.799421661	1
Stroke	mesothelium	<i>KIAA1109</i>	-0.000880064	0.030685998	0.799421661	1
Stroke	mesothelium	<i>KIAA1147</i>	-0.003518501	0.029706844	0.799421661	1
Stroke	mesothelium	<i>LINC00664</i>	-0.026147982	0.037210735	0.799421661	1
Stroke	mesothelium	<i>LMNB1</i>	-0.00490579	0.021405439	0.799421661	1
Stroke	mesothelium	<i>LRRC23</i>	-0.002477956	0.015929682	0.799421661	1
Stroke	mesothelium	<i>LRRC57</i>	-0.002531988	0.044595146	0.799421661	1
Stroke	mesothelium	<i>LY6K</i>	-0.035049451	0.031853162	0.799421661	1
Stroke	mesothelium	<i>LYRM4</i>	-0.002197922	0.039137532	0.799421661	1
Stroke	mesothelium	<i>MAP3K5</i>	-0.000993503	0.021662263	0.799421661	1
Stroke	mesothelium	<i>MED12L</i>	-0.002080174	0.003052065	0.799421661	1
Stroke	mesothelium	<i>MGAT4C</i>	0.002482179	0.047824155	0.799421661	1
Stroke	mesothelium	<i>MLKL</i>	-0.002213643	0.032432032	0.799421661	1
Stroke	mesothelium	<i>MPHOSPH8</i>	-0.00123048	0.036905446	0.799421661	1
Stroke	mesothelium	<i>MRPL19</i>	-0.002072428	0.044977482	0.799421661	1
Stroke	mesothelium	<i>MS4A7</i>	-0.001246261	0.012790345	0.799421661	1
Stroke	mesothelium	<i>MTMR3</i>	-0.00100678	0.01391539	0.799421661	1
Stroke	mesothelium	<i>MTRR</i>	-0.002508925	0.036923533	0.799421661	1
Stroke	mesothelium	<i>NAA11</i>	-0.003719928	0.01288245	0.799421661	1
Stroke	mesothelium	<i>NANS</i>	-0.004116647	0.039851348	0.799421661	1
Stroke	mesothelium	<i>NCSI</i>	-0.00885607	0.025915865	0.799421661	1
Stroke	mesothelium	<i>NDOR1</i>	-0.00268099	0.031760459	0.799421661	1
Stroke	mesothelium	<i>NEDD4</i>	0.002125248	0.023136409	0.799421661	1
Stroke	mesothelium	<i>NFYA</i>	-0.005517174	0.009864208	0.799421661	1
Stroke	mesothelium	<i>NT5DC2</i>	-0.011021459	0.020115967	0.799421661	1
Stroke	mesothelium	<i>OAF</i>	0.002652738	0.026787185	0.799421661	1
Stroke	mesothelium	<i>OPN3</i>	-0.004408127	0.020473243	0.799421661	1
Stroke	mesothelium	<i>OSM</i>	-0.049491127	0.032168039	0.799421661	1
Stroke	mesothelium	<i>P2RY12</i>	-0.002339506	0.028461169	0.799421661	1
Stroke	mesothelium	<i>PABPC1L</i>	-0.00527823	0.018211633	0.799421661	1
Stroke	mesothelium	<i>PASK</i>	-0.011775067	0.045050114	0.799421661	1
Stroke	mesothelium	<i>PCDHA3</i>	-0.081521222	0.012947497	0.799421661	1
Stroke	mesothelium	<i>PDCDI</i>	-0.023069905	0.033351153	0.799421661	1

Stroke	mesothelium	<i>PDCD1LG2</i>	-0.004540653	0.004248056	0.799421661	1
Stroke	mesothelium	<i>PEX1</i>	-0.004443348	0.015478683	0.799421661	1
Stroke	mesothelium	<i>PGPEP1</i>	-0.003797131	0.04198012	0.799421661	1
Stroke	mesothelium	<i>PHACTR3</i>	-0.007546675	0.032429759	0.799421661	1
Stroke	mesothelium	<i>PSD4</i>	-0.005292503	0.041785029	0.799421661	1
Stroke	mesothelium	<i>PSMD7</i>	-0.002358186	0.043508687	0.799421661	1
Stroke	mesothelium	<i>QDPR</i>	-0.003737049	0.034639874	0.799421661	1
Stroke	mesothelium	<i>RAB2A</i>	-0.000999808	0.013103904	0.799421661	1
Stroke	mesothelium	<i>RAB5C</i>	-0.005598107	0.010376179	0.799421661	1
Stroke	mesothelium	<i>RAD51C</i>	-0.004461339	0.014277812	0.799421661	1
Stroke	mesothelium	<i>RGS10</i>	-0.002083792	0.044547247	0.799421661	1
Stroke	mesothelium	<i>RHOB</i>	-0.005323429	0.043085996	0.799421661	1
Stroke	mesothelium	<i>RIBC2</i>	-0.012820541	0.037939112	0.799421661	1
Stroke	mesothelium	<i>RPP25</i>	-0.028289028	0.008902032	0.799421661	1
Stroke	mesothelium	<i>RTN1</i>	-0.000926353	0.011242279	0.799421661	1
Stroke	mesothelium	<i>SAR1A</i>	-0.004162117	0.014170517	0.799421661	1
Stroke	mesothelium	<i>SETD1A</i>	-0.005776047	0.02362647	0.799421661	1
Stroke	mesothelium	<i>SIRT6</i>	-0.004416038	0.026692325	0.799421661	1
Stroke	mesothelium	<i>SLC20A2</i>	-0.002214956	0.046672491	0.799421661	1
Stroke	mesothelium	<i>SLC48A1</i>	0.002349914	0.039537883	0.799421661	1
Stroke	mesothelium	<i>SNX22</i>	-0.00510565	0.014486765	0.799421661	1
Stroke	mesothelium	<i>SP4</i>	-0.001840941	0.043342019	0.799421661	1
Stroke	mesothelium	<i>SPATA2L</i>	-0.003265654	0.034527556	0.799421661	1
Stroke	mesothelium	<i>SPIRE2</i>	-0.006572002	0.010801557	0.799421661	1
Stroke	mesothelium	<i>SPSB2</i>	-0.0067446	0.00564187	0.799421661	1
Stroke	mesothelium	<i>SRP14-AS1</i>	-0.004257727	0.023902437	0.799421661	1
Stroke	mesothelium	<i>ST7L</i>	-0.002426917	0.002738433	0.799421661	1
Stroke	mesothelium	<i>STAB2</i>	0.001761891	0.035058258	0.799421661	1
Stroke	mesothelium	<i>SULT1B1</i>	-0.005722246	0.031482774	0.799421661	1
Stroke	mesothelium	<i>SUPT16H</i>	-0.003463058	0.000401621	0.799421661	1
Stroke	mesothelium	<i>TARS2</i>	-0.004234674	0.031549151	0.799421661	1
Stroke	mesothelium	<i>TBCE</i>	-0.002571218	0.010015827	0.799421661	1
Stroke	mesothelium	<i>THAP5</i>	-0.006821038	0.032209335	0.799421661	1
Stroke	mesothelium	<i>THEM4</i>	-0.002500954	0.040653997	0.799421661	1
Stroke	mesothelium	<i>TMC4</i>	-0.006482248	0.019792959	0.799421661	1
Stroke	mesothelium	<i>TMCO6</i>	-0.005279897	0.023973694	0.799421661	1
Stroke	mesothelium	<i>TMEM252</i>	0.025803826	0.02870279	0.799421661	1
Stroke	mesothelium	<i>TMPRSS9</i>	-0.004744281	0.047911975	0.799421661	1
Stroke	mesothelium	<i>TOMM34</i>	-0.005875184	0.044557547	0.799421661	1
Stroke	mesothelium	<i>TRPM2</i>	-0.002292792	0.018937588	0.799421661	1
Stroke	mesothelium	<i>TSEN34</i>	-0.009549696	0.012821872	0.799421661	1
Stroke	mesothelium	<i>U2AF1L4</i>	-0.01439599	0.022545437	0.799421661	1
Stroke	mesothelium	<i>UBAC1</i>	-0.002902009	0.005274503	0.799421661	1
Stroke	mesothelium	<i>ULK3</i>	-0.004873838	0.009277069	0.799421661	1
Stroke	mesothelium	<i>UROD</i>	-0.006509118	0.018081774	0.799421661	1
Stroke	mesothelium	<i>WDFY4</i>	-0.001031014	0.035404259	0.799421661	1
Stroke	mesothelium	<i>WNT6</i>	-0.005671426	0.040418464	0.799421661	1
Stroke	mesothelium	<i>YTHDF3-AS1</i>	-0.013721489	0.012188164	0.799421661	1
Stroke	mesothelium	<i>ZADH2</i>	-0.002801008	0.023721445	0.799421661	1
Stroke	mesothelium	<i>ZFAND2A</i>	-0.005011319	0.009341262	0.799421661	1
Stroke	mesothelium	<i>ZFP41</i>	-0.015489609	0.014929922	0.799421661	1
Stroke	mesothelium	<i>ZNF233</i>	-0.006991642	0.0494257	0.799421661	1

Stroke	mesothelium	<i>ZNF317</i>	-0.005937055	0.04108919	0.799421661	1
Stroke	mesothelium	<i>ZNF470</i>	-0.007207084	0.049448056	0.799421661	1
Stroke	mesothelium	<i>ZNF577</i>	-0.001752828	0.039661984	0.799421661	1
Stroke	mesothelium	<i>ZNF586</i>	-0.001378522	0.046502786	0.799421661	1
Stroke	mesothelium	<i>ZNF669</i>	-0.011000428	0.034803185	0.799421661	1
Stroke	mesothelium	<i>ZNF670</i>	-0.028200374	0.000624998	0.799421661	1
Stroke	mesothelium	<i>ZNF736</i>	-0.002918672	0.017618178	0.799421661	1
Stroke	mesothelium	<i>NME8</i>	-0.021404921	0.032958349	0.799421661	1
Stroke	mesothelium	<i>TTC24</i>	-0.003808663	0.012978299	0.799421661	1
Stroke	monocyte	<i>ABHD1</i>	-0.005142132	0.016628565	0.779147358	1
Stroke	monocyte	<i>ABHD14A</i>	-0.004934652	0.041696039	0.779147358	1
Stroke	monocyte	<i>ACOT2</i>	-0.004957456	0.049752902	0.779147358	1
Stroke	monocyte	<i>ACSM4</i>	-0.009268248	0.006559679	0.779147358	1
Stroke	monocyte	<i>ADRA2B</i>	-0.021034511	0.00985178	0.779147358	1
Stroke	monocyte	<i>ALG12</i>	-0.002541625	0.046537739	0.779147358	1
Stroke	monocyte	<i>ALOX5AP</i>	-0.00231459	0.046950746	0.779147358	1
Stroke	monocyte	<i>AMACR</i>	-0.032947184	0.0143644	0.779147358	1
Stroke	monocyte	<i>ANGPTL5</i>	-0.017141228	0.036194488	0.779147358	1
Stroke	monocyte	<i>APOL4</i>	-0.009325688	0.022832574	0.779147358	1
Stroke	monocyte	<i>ARHGAP19</i>	-0.011600972	0.043029263	0.779147358	1
Stroke	monocyte	<i>ARPC2</i>	-0.000948332	0.016103155	0.779147358	1
Stroke	monocyte	<i>ATP5O</i>	-0.004007683	0.044301946	0.779147358	1
Stroke	monocyte	<i>BDNF</i>	-0.011836346	0.033144121	0.779147358	1
Stroke	monocyte	<i>CCDC89</i>	0.032372324	0.042595255	0.779147358	1
Stroke	monocyte	<i>CCHCR1</i>	-0.006796964	0.048598815	0.779147358	1
Stroke	monocyte	<i>CCT3</i>	-0.003144569	0.044035365	0.779147358	1
Stroke	monocyte	<i>CD300C</i>	-0.007721456	0.04425412	0.779147358	1
Stroke	monocyte	<i>CD5L</i>	-0.018072768	0.046233198	0.779147358	1
Stroke	monocyte	<i>CHRNA5</i>	-0.008522107	0.010131759	0.779147358	1
Stroke	monocyte	<i>COL27A1</i>	-0.003371196	0.038195177	0.779147358	1
Stroke	monocyte	<i>COQ5</i>	-0.007741289	0.007811561	0.779147358	1
Stroke	monocyte	<i>CR1</i>	-0.002106694	0.029519902	0.779147358	1
Stroke	monocyte	<i>CRELD2</i>	-0.006387086	0.031277788	0.779147358	1
Stroke	monocyte	<i>DBT</i>	-0.004863247	0.033270199	0.779147358	1
Stroke	monocyte	<i>DDX31</i>	-0.003300351	0.001908003	0.779147358	1
Stroke	monocyte	<i>DHRS4L2</i>	-0.00406935	0.041511619	0.779147358	1
Stroke	monocyte	<i>DISP2</i>	-0.015725085	0.013816702	0.779147358	1
Stroke	monocyte	<i>DNAH5</i>	0.019861561	0.019071963	0.779147358	1
Stroke	monocyte	<i>DNAJC6</i>	-0.003485095	0.036305332	0.779147358	1
Stroke	monocyte	<i>ECII</i>	-0.002823051	0.045930865	0.779147358	1
Stroke	monocyte	<i>FAM105A</i>	-0.001660494	0.046596088	0.779147358	1
Stroke	monocyte	<i>FAM220A</i>	-0.006360356	0.003853339	0.779147358	1
Stroke	monocyte	<i>FAM3B</i>	-0.010175015	0.018291134	0.779147358	1
Stroke	monocyte	<i>FCGR2B</i>	-0.002598237	0.013941692	0.779147358	1
Stroke	monocyte	<i>FITM1</i>	-0.031083496	0.040286812	0.779147358	1
Stroke	monocyte	<i>FLT3</i>	-0.001842316	0.011374927	0.779147358	1
Stroke	monocyte	<i>FTCDNLI</i>	-0.002821105	0.002390865	0.779147358	1
Stroke	monocyte	<i>GALM</i>	-0.001668831	0.036144529	0.779147358	1
Stroke	monocyte	<i>GALRI</i>	-0.041543616	0.041506165	0.779147358	1
Stroke	monocyte	<i>GATC</i>	-0.006780628	0.027111132	0.779147358	1
Stroke	monocyte	<i>GLO1</i>	-0.0022078	0.014484132	0.779147358	1
Stroke	monocyte	<i>GPN3</i>	-0.003451077	0.03815533	0.779147358	1

Stroke	monocyte	<i>GPR132</i>	-0.002417469	0.049176464	0.779147358	1
Stroke	monocyte	<i>GRAMD1B</i>	-0.002794501	0.003551386	0.779147358	1
Stroke	monocyte	<i>HAUS6</i>	-0.003808166	0.035839847	0.779147358	1
Stroke	monocyte	<i>HEMK1</i>	-0.007964171	0.009654731	0.779147358	1
Stroke	monocyte	<i>HIF1A-AS2</i>	-0.001658412	0.048973643	0.779147358	1
Stroke	monocyte	<i>HIST1H2BK</i>	-0.003783301	0.0213365	0.779147358	1
Stroke	monocyte	<i>HSPBAP1</i>	-0.002136276	0.032265397	0.779147358	1
Stroke	monocyte	<i>IDUA</i>	-0.004414387	0.043916725	0.779147358	1
Stroke	monocyte	<i>IL10RB</i>	-0.002523498	0.024808976	0.779147358	1
Stroke	monocyte	<i>IPO7</i>	-0.002260621	0.024993588	0.779147358	1
Stroke	monocyte	<i>IRF4</i>	-0.005517331	0.022211803	0.779147358	1
Stroke	monocyte	<i>KCNK13</i>	-0.003076092	0.033255748	0.779147358	1
Stroke	monocyte	<i>KLK7</i>	-0.007155914	0.023632994	0.779147358	1
Stroke	monocyte	<i>LAYN</i>	0.004900222	0.022724512	0.779147358	1
Stroke	monocyte	<i>LINC00092</i>	-0.017077452	0.009512807	0.779147358	1
Stroke	monocyte	<i>LINC00487</i>	-0.053491969	0.034919324	0.779147358	1
Stroke	monocyte	<i>LINC00664</i>	-0.024792501	0.048160225	0.779147358	1
Stroke	monocyte	<i>LINC00957</i>	-0.017931625	0.048543736	0.779147358	1
Stroke	monocyte	<i>LY75</i>	-0.005846216	0.032848752	0.779147358	1
Stroke	monocyte	<i>MAPK8IP2</i>	-0.021987211	0.017593304	0.779147358	1
Stroke	monocyte	<i>MMRN1</i>	0.000687587	0.043406636	0.779147358	1
Stroke	monocyte	<i>MPI</i>	-0.005660486	0.015598222	0.779147358	1
Stroke	monocyte	<i>MRC1</i>	-0.000728512	0.034751453	0.779147358	1
Stroke	monocyte	<i>MRPL34</i>	-0.006215955	0.036213398	0.779147358	1
Stroke	monocyte	<i>MRPL54</i>	-0.004288833	0.034406657	0.779147358	1
Stroke	monocyte	<i>MX1</i>	-0.002561695	0.03407063	0.779147358	1
Stroke	monocyte	<i>NCKAP1</i>	0.001718356	0.01042288	0.779147358	1
Stroke	monocyte	<i>NDUFS8</i>	-0.004205329	0.020161205	0.779147358	1
Stroke	monocyte	<i>NELFB</i>	-0.004021289	0.044791098	0.779147358	1
Stroke	monocyte	<i>NIPAL2</i>	-0.001443193	0.019397001	0.779147358	1
Stroke	monocyte	<i>NME4</i>	-0.005362188	0.04557109	0.779147358	1
Stroke	monocyte	<i>NSFL1C</i>	-0.004364161	0.012487443	0.779147358	1
Stroke	monocyte	<i>NT5DC3</i>	-0.002775401	0.026462202	0.779147358	1
Stroke	monocyte	<i>NUDCD3</i>	-0.00167422	0.0032424	0.779147358	1
Stroke	monocyte	<i>OR7D2</i>	-0.046237724	0.037260624	0.779147358	1
Stroke	monocyte	<i>OSTF1</i>	-0.001225646	0.049005642	0.779147358	1
Stroke	monocyte	<i>OXLD1</i>	-0.004654988	0.018891478	0.779147358	1
Stroke	monocyte	<i>P2RY11</i>	-0.013414839	0.038463901	0.779147358	1
Stroke	monocyte	<i>PABPC1L</i>	-0.005319184	0.017422608	0.779147358	1
Stroke	monocyte	<i>PABPC4</i>	-0.002994122	0.008445177	0.779147358	1
Stroke	monocyte	<i>PALM2</i>	-0.005689761	0.031231116	0.779147358	1
Stroke	monocyte	<i>PDCD1LG2</i>	-0.003403065	0.032429155	0.779147358	1
Stroke	monocyte	<i>PDE7B</i>	0.000692511	0.029938416	0.779147358	1
Stroke	monocyte	<i>PENK</i>	-0.064206038	0.019862085	0.779147358	1
Stroke	monocyte	<i>PGP</i>	-0.002907058	0.040667829	0.779147358	1
Stroke	monocyte	<i>PIF1</i>	-0.022054727	0.00757474	0.779147358	1
Stroke	monocyte	<i>PIGO</i>	-0.004800039	0.032826699	0.779147358	1
Stroke	monocyte	<i>PLA2G10</i>	0.011457407	0.019230535	0.779147358	1
Stroke	monocyte	<i>PLEKHH1</i>	-0.004575419	0.038925988	0.779147358	1
Stroke	monocyte	<i>POC5</i>	-0.005199366	0.016485602	0.779147358	1
Stroke	monocyte	<i>POLR2D</i>	-0.005949713	0.034160483	0.779147358	1
Stroke	monocyte	<i>PROM2</i>	-0.058641229	0.023292519	0.779147358	1

Stroke	monocyte	<i>RASSF2</i>	-0.002191758	0.03059903	0.779147358	1
Stroke	monocyte	<i>RBP4</i>	-0.002129389	0.044724754	0.779147358	1
Stroke	monocyte	<i>RGCC</i>	-0.001689821	0.03594404	0.779147358	1
Stroke	monocyte	<i>RNASE6</i>	-0.003547002	0.03518866	0.779147358	1
Stroke	monocyte	<i>RNF32</i>	-0.00680525	0.016621416	0.779147358	1
Stroke	monocyte	<i>RPL36AL</i>	-0.002216089	0.033533076	0.779147358	1
Stroke	monocyte	<i>RSPH4A</i>	-0.023908082	0.040394766	0.779147358	1
Stroke	monocyte	<i>RTEL1</i>	-0.050783903	0.003377886	0.779147358	1
Stroke	monocyte	<i>RTN1</i>	-0.000759906	0.037475352	0.779147358	1
Stroke	monocyte	<i>SI00A3</i>	-0.035593534	0.021533492	0.779147358	1
Stroke	monocyte	<i>SARS2</i>	-0.023644659	0.014346809	0.779147358	1
Stroke	monocyte	<i>SEMA4A</i>	-0.006013369	0.040247575	0.779147358	1
Stroke	monocyte	<i>SLC25A26</i>	-0.002052209	0.019521287	0.779147358	1
Stroke	monocyte	<i>SLC25A51</i>	-0.019265491	0.027453114	0.779147358	1
Stroke	monocyte	<i>SLC6A13</i>	-0.046712855	0.044288925	0.779147358	1
Stroke	monocyte	<i>SPAG4</i>	-0.019548698	0.042431424	0.779147358	1
Stroke	monocyte	<i>SPATA6L</i>	0.004137449	0.033962596	0.779147358	1
Stroke	monocyte	<i>SUPV3L1</i>	-0.002929505	0.046624631	0.779147358	1
Stroke	monocyte	<i>TAF1B</i>	-0.002786611	0.032162189	0.779147358	1
Stroke	monocyte	<i>TAS2R31</i>	-0.031674454	0.023263402	0.779147358	1
Stroke	monocyte	<i>TCTEX1D2</i>	-0.008769976	0.04985073	0.779147358	1
Stroke	monocyte	<i>TFPT</i>	-0.004325916	0.041685017	0.779147358	1
Stroke	monocyte	<i>TFR2</i>	-0.005706837	0.020813238	0.779147358	1
Stroke	monocyte	<i>TMEM169</i>	-0.009618967	0.041867648	0.779147358	1
Stroke	monocyte	<i>TMEM236</i>	-0.005075643	0.026755054	0.779147358	1
Stroke	monocyte	<i>TNFRSF11B</i>	0.011400314	0.0238896	0.779147358	1
Stroke	monocyte	<i>TONSL</i>	-0.006034756	0.038146638	0.779147358	1
Stroke	monocyte	<i>TRIAP1</i>	-0.006588841	0.02593604	0.779147358	1
Stroke	monocyte	<i>TUFM</i>	-0.004277776	0.012959405	0.779147358	1
Stroke	monocyte	<i>TVP23B</i>	-0.003510825	0.03297784	0.779147358	1
Stroke	monocyte	<i>UBAC1</i>	-0.00206276	0.047204049	0.779147358	1
Stroke	monocyte	<i>UTS2</i>	0.009904903	0.008763577	0.779147358	1
Stroke	monocyte	<i>VIPAS39</i>	-0.003000624	0.049518229	0.779147358	1
Stroke	monocyte	<i>VSIG10L</i>	-0.015048993	0.016842186	0.779147358	1
Stroke	monocyte	<i>VSIG8</i>	-0.006105564	0.01973912	0.779147358	1
Stroke	monocyte	<i>WDFY4</i>	-0.000965177	0.048492149	0.779147358	1
Stroke	monocyte	<i>XKR9</i>	-0.005115859	0.038788615	0.779147358	1
Stroke	monocyte	<i>ZDHHC4</i>	-0.004900811	0.026555379	0.779147358	1
Stroke	monocyte	<i>ZFPM2</i>	0.000463434	0.039495669	0.779147358	1
Stroke	monocyte	<i>ZNF454</i>	-0.00498436	0.043639333	0.779147358	1
Stroke	monocyte	<i>ZNF580</i>	-0.005350085	0.027432508	0.779147358	1
Stroke	monocyte	<i>ZNF780A</i>	-0.010616599	0.02635464	0.779147358	1
Stroke	monocyte	<i>ACSM2A</i>	0.027184319	0.014053153	0.779147358	1
Stroke	monocyte	<i>C4B</i>	-0.046015092	0.023638255	0.779147358	1
Stroke	monocyte	<i>DNAH10OS</i>	-0.023411482	0.047096905	0.779147358	1
Stroke	monocyte	<i>FAM106A</i>	-0.038006323	0.038656081	0.779147358	1
Stroke	monocyte	<i>HOXB9</i>	-0.023276761	0.026327406	0.779147358	1
Stroke	monocyte	<i>ZFP57</i>	-0.045824634	0.038802511	0.779147358	1
Stroke	monocyte	<i>OPN4</i>	-0.01418471	0.049771232	0.779147358	1
Stroke	monocyte	<i>ADAD2</i>	-0.040329242	0.018624659	0.779147358	1
Stroke	neutrophil	<i>ADCY7</i>	-0.001426677	0.036895283	0.999964507	1
Stroke	neutrophil	<i>ALDH16A1</i>	-0.008036493	0.010462863	0.999964507	1

Stroke	neutrophil	<i>ANAPC11</i>	-0.004124977	0.000268056	0.999964507	1
Stroke	neutrophil	<i>ANKS6</i>	0.003922643	0.018069919	0.999964507	1
Stroke	neutrophil	<i>AP2S1</i>	-0.002888239	0.002353172	0.999964507	1
Stroke	neutrophil	<i>AP3B2</i>	0.010299552	0.041612985	0.999964507	1
Stroke	neutrophil	<i>APOBEC3C</i>	-0.006405197	0.019951177	0.999964507	1
Stroke	neutrophil	<i>ATP1B1</i>	-0.002707993	0.030196065	0.999964507	1
Stroke	neutrophil	<i>ATP6V0E2</i>	-0.016462173	0.014322435	0.999964507	1
Stroke	neutrophil	<i>BTBD1</i>	-0.00182078	0.017484957	0.999964507	1
Stroke	neutrophil	<i>C8orf46</i>	-0.007268064	0.04196805	0.999964507	1
Stroke	neutrophil	<i>CAPZA1</i>	-0.001559943	0.014520144	0.999964507	1
Stroke	neutrophil	<i>CCDC154</i>	-0.006739879	0.009629543	0.999964507	1
Stroke	neutrophil	<i>CEP72</i>	0.00887546	0.011997503	0.999964507	1
Stroke	neutrophil	<i>EIF3M</i>	-0.002454636	0.020171611	0.999964507	1
Stroke	neutrophil	<i>FAM193B</i>	-0.002244617	0.024828759	0.999964507	1
Stroke	neutrophil	<i>FAM98C</i>	-0.005798147	0.037737361	0.999964507	1
Stroke	neutrophil	<i>FCGR2B</i>	-0.002462187	0.019690347	0.999964507	1
Stroke	neutrophil	<i>GABRR2</i>	-0.019117363	0.017868693	0.999964507	1
Stroke	neutrophil	<i>GDPD1</i>	-0.002292595	0.022059147	0.999964507	1
Stroke	neutrophil	<i>GGPS1</i>	-0.002693592	0.0060296	0.999964507	1
Stroke	neutrophil	<i>GIMAP5</i>	0.007994592	0.004280671	0.999964507	1
Stroke	neutrophil	<i>HIST1H3E</i>	-0.025678795	0.008470483	0.999964507	1
Stroke	neutrophil	<i>INSRR</i>	0.014212558	0.047015291	0.999964507	1
Stroke	neutrophil	<i>IZUMO1</i>	0.049198106	0.043589421	0.999964507	1
Stroke	neutrophil	<i>KLHL7</i>	0.002300671	0.011098873	0.999964507	1
Stroke	neutrophil	<i>LARS</i>	-0.001278565	0.025645394	0.999964507	1
Stroke	neutrophil	<i>LIPC</i>	0.005349836	0.030202945	0.999964507	1
Stroke	neutrophil	<i>LRRC23</i>	-0.003352366	0.001125578	0.999964507	1
Stroke	neutrophil	<i>MAP3K5</i>	-0.000870437	0.043926952	0.999964507	1
Stroke	neutrophil	<i>MED20</i>	-0.010125003	0.016078975	0.999964507	1
Stroke	neutrophil	<i>MFSD8</i>	-0.00404453	0.039978955	0.999964507	1
Stroke	neutrophil	<i>MXD3</i>	-0.012591363	0.018319447	0.999964507	1
Stroke	neutrophil	<i>NFKBIB</i>	0.009497259	0.039781398	0.999964507	1
Stroke	neutrophil	<i>NUDT18</i>	-0.015945122	0.03620352	0.999964507	1
Stroke	neutrophil	<i>NYAP1</i>	0.017893422	0.023551438	0.999964507	1
Stroke	neutrophil	<i>PDE7B</i>	0.000673757	0.034689585	0.999964507	1
Stroke	neutrophil	<i>PGP</i>	-0.00322707	0.02272611	0.999964507	1
Stroke	neutrophil	<i>PLA2G10</i>	-0.01103901	0.024129922	0.999964507	1
Stroke	neutrophil	<i>PPP2R2D</i>	-0.002332465	0.049933752	0.999964507	1
Stroke	neutrophil	<i>RNF150</i>	-0.001226362	0.043213247	0.999964507	1
Stroke	neutrophil	<i>RNGTT</i>	-0.001815791	0.006342717	0.999964507	1
Stroke	neutrophil	<i>RTN1</i>	-0.000793964	0.029625518	0.999964507	1
Stroke	neutrophil	<i>SFTPD</i>	0.004953096	0.024941223	0.999964507	1
Stroke	neutrophil	<i>SHC2</i>	0.009994099	0.014345501	0.999964507	1
Stroke	neutrophil	<i>SLC12A4</i>	-0.002160691	0.047793499	0.999964507	1
Stroke	neutrophil	<i>SLC30A6</i>	-0.002951021	0.015739306	0.999964507	1
Stroke	neutrophil	<i>SPSB2</i>	-0.006462278	0.008050733	0.999964507	1
Stroke	neutrophil	<i>TACR2</i>	-0.05211417	0.044028521	0.999964507	1
Stroke	neutrophil	<i>TFPT</i>	-0.004253262	0.044960556	0.999964507	1
Stroke	neutrophil	<i>TMEM144</i>	-0.002723133	0.014016685	0.999964507	1
Stroke	neutrophil	<i>TMEM206</i>	-0.004029204	0.039457079	0.999964507	1
Stroke	neutrophil	<i>TRMT10A</i>	-0.002822038	0.047030661	0.999964507	1
Stroke	neutrophil	<i>VAPB</i>	-0.001695108	0.033397851	0.999964507	1

Stroke	neutrophil	<i>XPO7</i>	-0.001815509	0.024971635	0.999964507	1
Stroke	neutrophil	<i>ZNF124</i>	-0.002553745	0.04505249	0.999964507	1
Stroke	neutrophil	<i>ZNF708</i>	-0.002199515	0.010016016	0.999964507	1
Stroke	neutrophil	<i>ZNF787</i>	-0.006538761	0.01469547	0.999964507	1
Stroke	neutrophil	<i>PLGLB2</i>	0.003001841	0.030053968	0.999964507	1
Stroke	nk_cell	<i>A1BG</i>	-0.007514459	0.036484633	0.766318982	1
Stroke	nk_cell	<i>AADAC</i>	-0.00448724	0.04146812	0.766318982	1
Stroke	nk_cell	<i>ABCC8</i>	-0.013476082	0.025847249	0.766318982	1
Stroke	nk_cell	<i>ABCF1</i>	-0.003908804	0.019489908	0.766318982	1
Stroke	nk_cell	<i>ABCF3</i>	-0.008296792	0.037601929	0.766318982	1
Stroke	nk_cell	<i>ABHD12</i>	-0.00223821	0.022914995	0.766318982	1
Stroke	nk_cell	<i>ABT1</i>	-0.007452878	0.029685665	0.766318982	1
Stroke	nk_cell	<i>AC016773.1</i>	-0.007992679	0.041273562	0.766318982	1
Stroke	nk_cell	<i>ADAM11</i>	-0.017964024	0.029532947	0.766318982	1
Stroke	nk_cell	<i>ADAM19</i>	-0.001052745	0.034058676	0.766318982	1
Stroke	nk_cell	<i>ADAMTS13</i>	-0.008479246	0.03387685	0.766318982	1
Stroke	nk_cell	<i>ADAT1</i>	-0.005184444	0.048231777	0.766318982	1
Stroke	nk_cell	<i>ADHFE1</i>	-0.00176777	0.034208552	0.766318982	1
Stroke	nk_cell	<i>ADRA2B</i>	-0.019852143	0.01540679	0.766318982	1
Stroke	nk_cell	<i>ALOX5AP</i>	-0.002374287	0.041490674	0.766318982	1
Stroke	nk_cell	<i>ANXA3</i>	0.002584357	0.01554044	0.766318982	1
Stroke	nk_cell	<i>AP006621.1</i>	-0.00718864	0.002443136	0.766318982	1
Stroke	nk_cell	<i>AP4M1</i>	-0.00334044	0.042555424	0.766318982	1
Stroke	nk_cell	<i>APCDD1</i>	-0.002468109	0.023506047	0.766318982	1
Stroke	nk_cell	<i>ARL1</i>	-0.002702339	0.033822422	0.766318982	1
Stroke	nk_cell	<i>ART5</i>	-0.051508219	0.049288294	0.766318982	1
Stroke	nk_cell	<i>ATRIP</i>	-0.011871804	0.04611568	0.766318982	1
Stroke	nk_cell	<i>B3GALNT2</i>	-0.001655446	0.024977008	0.766318982	1
Stroke	nk_cell	<i>B4GALNT1</i>	-0.020146557	0.016302238	0.766318982	1
Stroke	nk_cell	<i>BDH1</i>	-0.007166121	0.031459592	0.766318982	1
Stroke	nk_cell	<i>CAPN10</i>	-0.00584805	0.033418697	0.766318982	1
Stroke	nk_cell	<i>CARD10</i>	0.006429373	0.021789663	0.766318982	1
Stroke	nk_cell	<i>CD300C</i>	-0.00757261	0.049204706	0.766318982	1
Stroke	nk_cell	<i>CD8B</i>	-0.014184017	0.049024559	0.766318982	1
Stroke	nk_cell	<i>CECR2</i>	-0.003629644	0.039249321	0.766318982	1
Stroke	nk_cell	<i>CENPK</i>	-0.007020892	0.022079681	0.766318982	1
Stroke	nk_cell	<i>CER1</i>	-0.009445452	0.030053254	0.766318982	1
Stroke	nk_cell	<i>CHMP1A</i>	-0.004136586	0.03560705	0.766318982	1
Stroke	nk_cell	<i>CHRD</i>	-0.006741085	0.022098077	0.766318982	1
Stroke	nk_cell	<i>CHRFAM7A</i>	-0.056223595	0.042138216	0.766318982	1
Stroke	nk_cell	<i>CHRNA1</i>	-0.0295374	0.006103748	0.766318982	1
Stroke	nk_cell	<i>CLDN7</i>	-0.006763115	0.02850068	0.766318982	1
Stroke	nk_cell	<i>CLHC1</i>	-0.003194626	0.040015973	0.766318982	1
Stroke	nk_cell	<i>CNN2</i>	-0.006257228	0.04617523	0.766318982	1
Stroke	nk_cell	<i>COQ7</i>	-0.004647728	0.031090144	0.766318982	1
Stroke	nk_cell	<i>COX4I2</i>	-0.006060573	0.02489714	0.766318982	1
Stroke	nk_cell	<i>CPS1</i>	-0.007334087	0.04748762	0.766318982	1
Stroke	nk_cell	<i>CR1</i>	-0.00196787	0.042933921	0.766318982	1
Stroke	nk_cell	<i>CTNND2</i>	-0.007952624	0.001583766	0.766318982	1
Stroke	nk_cell	<i>DCST2</i>	-0.011163832	0.034006574	0.766318982	1
Stroke	nk_cell	<i>DDHD2</i>	-0.001714826	0.018179422	0.766318982	1
Stroke	nk_cell	<i>DHFR</i>	-0.003502646	0.034881683	0.766318982	1

Stroke	nk_cell	<i>DIRC3</i>	-0.000987533	0.017274302	0.766318982	1
Stroke	nk_cell	<i>DNAJC12</i>	-0.008633367	0.029520519	0.766318982	1
Stroke	nk_cell	<i>DSCAML1</i>	0.002941019	0.002777021	0.766318982	1
Stroke	nk_cell	<i>EMB</i>	-0.001153534	0.030931421	0.766318982	1
Stroke	nk_cell	<i>ENGASE</i>	-0.003695198	0.022733294	0.766318982	1
Stroke	nk_cell	<i>EPDR1</i>	-0.004775404	0.016770561	0.766318982	1
Stroke	nk_cell	<i>ESPNL</i>	-0.029818945	0.028647243	0.766318982	1
Stroke	nk_cell	<i>ETHE1</i>	-0.007654947	0.016528588	0.766318982	1
Stroke	nk_cell	<i>FAM98C</i>	-0.005931045	0.034013234	0.766318982	1
Stroke	nk_cell	<i>FCGR2B</i>	-0.002458945	0.02030177	0.766318982	1
Stroke	nk_cell	<i>FITM1</i>	-0.031138282	0.040411328	0.766318982	1
Stroke	nk_cell	<i>FOXN2</i>	-0.001229948	0.034315452	0.766318982	1
Stroke	nk_cell	<i>FOXRED2</i>	-0.008860783	0.016361729	0.766318982	1
Stroke	nk_cell	<i>GALM</i>	-0.001815256	0.023073265	0.766318982	1
Stroke	nk_cell	<i>GDPD1</i>	-0.002099568	0.035131266	0.766318982	1
Stroke	nk_cell	<i>GEMIN7</i>	-0.009817368	0.041138231	0.766318982	1
Stroke	nk_cell	<i>GOLGA8M</i>	-0.008348587	0.045225644	0.766318982	1
Stroke	nk_cell	<i>GPAT2</i>	-0.023284616	0.013771169	0.766318982	1
Stroke	nk_cell	<i>GPATCH1</i>	-0.005006132	0.042072097	0.766318982	1
Stroke	nk_cell	<i>GPR132</i>	-0.002676779	0.029755243	0.766318982	1
Stroke	nk_cell	<i>GPR180</i>	-0.002856909	0.026353946	0.766318982	1
Stroke	nk_cell	<i>GRAMD1B</i>	-0.002127012	0.026737458	0.766318982	1
Stroke	nk_cell	<i>HIF1A-AS2</i>	-0.001676224	0.047194712	0.766318982	1
Stroke	nk_cell	<i>HIST1H2BK</i>	-0.003411627	0.038814653	0.766318982	1
Stroke	nk_cell	<i>HOXD4</i>	0.061579497	0.005457448	0.766318982	1
Stroke	nk_cell	<i>HSPB7</i>	-0.014279891	0.044392626	0.766318982	1
Stroke	nk_cell	<i>HTATIP2</i>	-0.004783227	0.008717396	0.766318982	1
Stroke	nk_cell	<i>KDELC2</i>	-0.00614793	0.02645366	0.766318982	1
Stroke	nk_cell	<i>KIAA1468</i>	-0.000969117	0.02697289	0.766318982	1
Stroke	nk_cell	<i>KIF16B</i>	-0.001418271	0.026750423	0.766318982	1
Stroke	nk_cell	<i>LBX2</i>	-0.014135705	0.032775012	0.766318982	1
Stroke	nk_cell	<i>LDLRAP1</i>	-0.004352059	0.04372838	0.766318982	1
Stroke	nk_cell	<i>LINC00640</i>	-0.013001693	0.00757741	0.766318982	1
Stroke	nk_cell	<i>LINC00664</i>	-0.028699143	0.022534306	0.766318982	1
Stroke	nk_cell	<i>LINC01116</i>	0.013420545	0.031407661	0.766318982	1
Stroke	nk_cell	<i>LINC01117</i>	0.005101152	0.041313471	0.766318982	1
Stroke	nk_cell	<i>LRRC8B</i>	-0.003414963	0.024601048	0.766318982	1
Stroke	nk_cell	<i>MCOLN2</i>	-0.00231474	0.023763237	0.766318982	1
Stroke	nk_cell	<i>MED12L</i>	-0.001585181	0.02436165	0.766318982	1
Stroke	nk_cell	<i>MED20</i>	-0.008453626	0.045265968	0.766318982	1
Stroke	nk_cell	<i>MGME1</i>	-0.002524192	0.018981615	0.766318982	1
Stroke	nk_cell	<i>MICB</i>	-0.006101653	0.043728442	0.766318982	1
Stroke	nk_cell	<i>MILR1</i>	-0.003889622	0.043034062	0.766318982	1
Stroke	nk_cell	<i>MROH8</i>	-0.004611633	0.044442538	0.766318982	1
Stroke	nk_cell	<i>MRPL34</i>	-0.007387222	0.013388747	0.766318982	1
Stroke	nk_cell	<i>MTUS1</i>	0.00135644	0.044829545	0.766318982	1
Stroke	nk_cell	<i>MUL1</i>	-0.006236175	0.044868849	0.766318982	1
Stroke	nk_cell	<i>MYO6</i>	0.001942701	0.04797222	0.766318982	1
Stroke	nk_cell	<i>NEURL2</i>	-0.010628926	0.036110967	0.766318982	1
Stroke	nk_cell	<i>NOC4L</i>	-0.016521503	0.018729366	0.766318982	1
Stroke	nk_cell	<i>NOL6</i>	-0.005925593	0.038476412	0.766318982	1
Stroke	nk_cell	<i>NPIPA1</i>	-0.005767184	0.046069394	0.766318982	1

Stroke	nk_cell	<i>NSFL1C</i>	-0.003860388	0.027456476	0.766318982	1
Stroke	nk_cell	<i>NT5C</i>	-0.003704941	0.029502738	0.766318982	1
Stroke	nk_cell	<i>NXNL1</i>	-0.03308262	0.03665987	0.766318982	1
Stroke	nk_cell	<i>NYAP1</i>	0.019776096	0.012424548	0.766318982	1
Stroke	nk_cell	<i>OXNAD1</i>	-0.001076622	0.037833984	0.766318982	1
Stroke	nk_cell	<i>P2RY12</i>	-0.002759435	0.010179751	0.766318982	1
Stroke	nk_cell	<i>PARVG</i>	-0.002131799	0.031886991	0.766318982	1
Stroke	nk_cell	<i>PBLD</i>	-0.005238723	0.017275403	0.766318982	1
Stroke	nk_cell	<i>PCYT1A</i>	-0.004212917	0.04528993	0.766318982	1
Stroke	nk_cell	<i>PDCD1</i>	-0.023566641	0.030661906	0.766318982	1
Stroke	nk_cell	<i>PDCD1LG2</i>	-0.003195336	0.04460039	0.766318982	1
Stroke	nk_cell	<i>PIF1</i>	-0.019332839	0.020381729	0.766318982	1
Stroke	nk_cell	<i>PLCD3</i>	0.005697435	0.011709879	0.766318982	1
Stroke	nk_cell	<i>PLEK2</i>	-0.006669157	0.021517094	0.766318982	1
Stroke	nk_cell	<i>PLEKHH1</i>	-0.00462679	0.037850796	0.766318982	1
Stroke	nk_cell	<i>PLEKHO2</i>	-0.004811743	0.01591285	0.766318982	1
Stroke	nk_cell	<i>PLSCR4</i>	0.001148883	0.017572764	0.766318982	1
Stroke	nk_cell	<i>PLTP</i>	-0.003535959	0.03523487	0.766318982	1
Stroke	nk_cell	<i>POC1B</i>	-0.00246511	0.029335723	0.766318982	1
Stroke	nk_cell	<i>POLM</i>	0.002570668	0.030734803	0.766318982	1
Stroke	nk_cell	<i>POMZP3</i>	-0.006399479	0.038801576	0.766318982	1
Stroke	nk_cell	<i>PPMIK</i>	-0.003003251	0.003083347	0.766318982	1
Stroke	nk_cell	<i>PPP3R1</i>	-0.004869065	0.039078104	0.766318982	1
Stroke	nk_cell	<i>PRIMPOL</i>	-0.001314057	0.030301464	0.766318982	1
Stroke	nk_cell	<i>PSD4</i>	-0.005733027	0.027542245	0.766318982	1
Stroke	nk_cell	<i>PTGR2</i>	-0.006729972	0.037809792	0.766318982	1
Stroke	nk_cell	<i>RASA3</i>	-0.001354653	0.047144303	0.766318982	1
Stroke	nk_cell	<i>RGL3</i>	-0.004103545	0.031907123	0.766318982	1
Stroke	nk_cell	<i>RGS10</i>	-0.002078742	0.045218976	0.766318982	1
Stroke	nk_cell	<i>RRP15</i>	-0.002075286	0.038246682	0.766318982	1
Stroke	nk_cell	<i>SFMBT1</i>	-0.003394864	0.030559899	0.766318982	1
Stroke	nk_cell	<i>SH3BGR</i>	-0.007268476	0.036925852	0.766318982	1
Stroke	nk_cell	<i>SH3PXD2B</i>	0.001025685	0.040585447	0.766318982	1
Stroke	nk_cell	<i>SH3TC2</i>	0.011595687	0.017146597	0.766318982	1
Stroke	nk_cell	<i>SHC2</i>	0.010814469	0.008025174	0.766318982	1
Stroke	nk_cell	<i>SIRT6</i>	-0.004185656	0.036628739	0.766318982	1
Stroke	nk_cell	<i>SLC25A51</i>	-0.028478279	0.001139067	0.766318982	1
Stroke	nk_cell	<i>SLC37A4</i>	-0.009609075	0.039796579	0.766318982	1
Stroke	nk_cell	<i>SLC38A11</i>	-0.002373689	0.022128625	0.766318982	1
Stroke	nk_cell	<i>SLC4A5</i>	-0.013483757	0.015933136	0.766318982	1
Stroke	nk_cell	<i>SLC6A13</i>	-0.047266814	0.042628629	0.766318982	1
Stroke	nk_cell	<i>SNX19</i>	-0.002393099	0.022693545	0.766318982	1
Stroke	nk_cell	<i>SP4</i>	-0.001818885	0.045815759	0.766318982	1
Stroke	nk_cell	<i>SPATA1</i>	-0.001432034	0.026307807	0.766318982	1
Stroke	nk_cell	<i>SPATC1L</i>	-0.011458205	0.036936761	0.766318982	1
Stroke	nk_cell	<i>SPG21</i>	-0.002155937	0.042163403	0.766318982	1
Stroke	nk_cell	<i>SPSB2</i>	-0.004942641	0.043166454	0.766318982	1
Stroke	nk_cell	<i>SV2B</i>	0.006360946	0.009808784	0.766318982	1
Stroke	nk_cell	<i>TACC3</i>	-0.005622287	0.020917781	0.766318982	1
Stroke	nk_cell	<i>TAF6</i>	-0.007827241	0.039847814	0.766318982	1
Stroke	nk_cell	<i>TBCD</i>	0.002578518	0.031136493	0.766318982	1
Stroke	nk_cell	<i>TEPP</i>	-0.0304869	0.0390805	0.766318982	1

Stroke	nk_cell	<i>TEX14</i>	-0.007849982	0.023605424	0.766318982	1
Stroke	nk_cell	<i>TIAF1</i>	-0.01210103	0.046638682	0.766318982	1
Stroke	nk_cell	<i>TMC6</i>	-0.002044931	0.018086403	0.766318982	1
Stroke	nk_cell	<i>TMED6</i>	-0.036897457	0.045456845	0.766318982	1
Stroke	nk_cell	<i>TMEM143</i>	-0.008466646	0.02510391	0.766318982	1
Stroke	nk_cell	<i>TMEM169</i>	-0.010528693	0.026074001	0.766318982	1
Stroke	nk_cell	<i>TMEM199</i>	-0.014478367	0.04860644	0.766318982	1
Stroke	nk_cell	<i>TMEM41B</i>	-0.002642919	0.033706056	0.766318982	1
Stroke	nk_cell	<i>TRAPPC12</i>	-0.001517312	0.044239168	0.766318982	1
Stroke	nk_cell	<i>TSPAN33</i>	-0.003011777	0.033244099	0.766318982	1
Stroke	nk_cell	<i>TXNDC16</i>	-0.002271766	0.021011207	0.766318982	1
Stroke	nk_cell	<i>UGT2B4</i>	-0.010591133	0.023887826	0.766318982	1
Stroke	nk_cell	<i>URGCP</i>	-0.002366385	0.03529089	0.766318982	1
Stroke	nk_cell	<i>USP38</i>	-0.004386813	0.034966893	0.766318982	1
Stroke	nk_cell	<i>WDR1</i>	-0.002854188	0.040889528	0.766318982	1
Stroke	nk_cell	<i>XCL1</i>	-0.019442593	0.029636861	0.766318982	1
Stroke	nk_cell	<i>ZBED6CL</i>	-0.012059951	0.046241028	0.766318982	1
Stroke	nk_cell	<i>ZFPM2</i>	0.000534053	0.017881922	0.766318982	1
Stroke	nk_cell	<i>ZNF181</i>	-0.00644317	0.049514704	0.766318982	1
Stroke	nk_cell	<i>ZNF417</i>	-0.017471205	0.029796689	0.766318982	1
Stroke	nk_cell	<i>ZNF517</i>	-0.013789307	0.030376239	0.766318982	1
Stroke	nk_cell	<i>ZNF534</i>	-0.017352915	0.026562799	0.766318982	1
Stroke	nk_cell	<i>ZNF691</i>	-0.014924397	0.02422658	0.766318982	1
Stroke	nk_cell	<i>ZNF827</i>	-0.002599479	0.041174796	0.766318982	1
Stroke	nk_cell	<i>DEFA3</i>	-0.004233053	0.038448211	0.766318982	1
Stroke	nk_cell	<i>DCD</i>	-0.032659567	0.0127991	0.766318982	1
Stroke	nk_cell	<i>DGCR6</i>	-0.050741107	0.037892412	0.766318982	1
Stroke	nk_cell	<i>KLHDC7A</i>	-0.004737595	0.01573678	0.766318982	1
Stroke	nk_cell	<i>KRTAP5-9</i>	-0.004597008	0.047560905	0.766318982	1
Stroke	nk_cell	<i>VGLL2</i>	-0.006667799	0.004885798	0.766318982	1
Stroke	nk_cell	<i>PRODH</i>	-0.003224586	0.029873171	0.766318982	1
Stroke	nk_cell	<i>KRT73</i>	-0.003048926	0.033726222	0.766318982	1
Stroke	pericyte	<i>ADARB2</i>	-0.014775531	0.04285289	0.934614028	1
Stroke	pericyte	<i>ANTXR2</i>	0.001442017	0.040875318	0.934614028	1
Stroke	pericyte	<i>ARPC5</i>	-0.001442791	0.011947781	0.934614028	1
Stroke	pericyte	<i>ATM</i>	-0.000816631	0.007468341	0.934614028	1
Stroke	pericyte	<i>ATP8B3</i>	-0.011292672	0.022787335	0.934614028	1
Stroke	pericyte	<i>CCDC40</i>	-0.005177778	0.042292906	0.934614028	1
Stroke	pericyte	<i>CCDC78</i>	-0.039607577	0.047507199	0.934614028	1
Stroke	pericyte	<i>CCND1</i>	-0.003655958	0.0497197	0.934614028	1
Stroke	pericyte	<i>CDC7</i>	-0.006464578	0.024528341	0.934614028	1
Stroke	pericyte	<i>DNAAF1</i>	-0.041456141	0.028736955	0.934614028	1
Stroke	pericyte	<i>EBPL</i>	-0.003836165	0.005445005	0.934614028	1
Stroke	pericyte	<i>EVL</i>	-0.000935098	0.026448934	0.934614028	1
Stroke	pericyte	<i>EXOSC4</i>	-0.006879952	0.037145175	0.934614028	1
Stroke	pericyte	<i>FBF1</i>	0.002804374	0.037230454	0.934614028	1
Stroke	pericyte	<i>FCGR2B</i>	-0.002194023	0.038532669	0.934614028	1
Stroke	pericyte	<i>FGGY</i>	-0.001435753	0.028440959	0.934614028	1
Stroke	pericyte	<i>G6PC3</i>	-0.007600615	0.038088689	0.934614028	1
Stroke	pericyte	<i>GAS2L2</i>	-0.08210654	0.029931384	0.934614028	1
Stroke	pericyte	<i>GDNF-AS1</i>	-0.003658381	0.010131796	0.934614028	1
Stroke	pericyte	<i>GPR158</i>	-0.009512061	0.046965075	0.934614028	1

Stroke	pericyte	<i>GRIN3B</i>	-0.024008073	0.046907653	0.934614028	1
Stroke	pericyte	<i>GUF1</i>	-0.003885698	0.019336408	0.934614028	1
Stroke	pericyte	<i>HAGHL</i>	-0.019087061	0.012602973	0.934614028	1
Stroke	pericyte	<i>IFNE</i>	0.040371159	0.015429451	0.934614028	1
Stroke	pericyte	<i>IL17RA</i>	-0.001507148	0.049933367	0.934614028	1
Stroke	pericyte	<i>IMMT</i>	-0.001590002	0.049629264	0.934614028	1
Stroke	pericyte	<i>IMPDH2</i>	-0.004158018	0.032252985	0.934614028	1
Stroke	pericyte	<i>IQCG</i>	-0.002024237	0.024480086	0.934614028	1
Stroke	pericyte	<i>IRF4</i>	-0.005197249	0.032000147	0.934614028	1
Stroke	pericyte	<i>JMJD8</i>	-0.008373116	0.018492562	0.934614028	1
Stroke	pericyte	<i>JSRP1</i>	-0.028015438	0.039860052	0.934614028	1
Stroke	pericyte	<i>KIAA1468</i>	-0.000943246	0.031429132	0.934614028	1
Stroke	pericyte	<i>KNSTRN</i>	-0.005866422	0.037567098	0.934614028	1
Stroke	pericyte	<i>LINC00092</i>	-0.014736741	0.024971787	0.934614028	1
Stroke	pericyte	<i>LINC00174</i>	-0.002199024	0.017167412	0.934614028	1
Stroke	pericyte	<i>LINC01139</i>	-0.013274685	0.022838146	0.934614028	1
Stroke	pericyte	<i>LRRC57</i>	-0.002621269	0.038054142	0.934614028	1
Stroke	pericyte	<i>LRRK1</i>	-0.000877249	0.042233808	0.934614028	1
Stroke	pericyte	<i>MCOLN2</i>	-0.002098915	0.040167942	0.934614028	1
Stroke	pericyte	<i>MRPL51</i>	-0.003321268	0.036332667	0.934614028	1
Stroke	pericyte	<i>MUC4</i>	-0.012160551	0.012785075	0.934614028	1
Stroke	pericyte	<i>MUTYH</i>	-0.004865183	0.024194782	0.934614028	1
Stroke	pericyte	<i>NAA11</i>	-0.003691408	0.013822724	0.934614028	1
Stroke	pericyte	<i>NARFL</i>	-0.006756125	0.00240073	0.934614028	1
Stroke	pericyte	<i>NDE1</i>	-0.001771619	0.04265704	0.934614028	1
Stroke	pericyte	<i>NEK9</i>	-0.001910148	0.013674026	0.934614028	1
Stroke	pericyte	<i>NGEF</i>	0.021528717	0.035505916	0.934614028	1
Stroke	pericyte	<i>NKAIN4</i>	0.013054603	0.033713974	0.934614028	1
Stroke	pericyte	<i>NME6</i>	-0.01044705	0.039786961	0.934614028	1
Stroke	pericyte	<i>NT5DC2</i>	-0.010354904	0.029860392	0.934614028	1
Stroke	pericyte	<i>NUP85</i>	-0.002825128	0.019456285	0.934614028	1
Stroke	pericyte	<i>OAF</i>	0.002346394	0.048769196	0.934614028	1
Stroke	pericyte	<i>PAOX</i>	-0.006393573	0.011260185	0.934614028	1
Stroke	pericyte	<i>PCDHGA1</i>	-0.012888746	0.020957118	0.934614028	1
Stroke	pericyte	<i>PEX10</i>	-0.007562872	0.029138581	0.934614028	1
Stroke	pericyte	<i>PIP5KL1</i>	-0.01264474	0.010152464	0.934614028	1
Stroke	pericyte	<i>PLSCR4</i>	0.001104324	0.022690038	0.934614028	1
Stroke	pericyte	<i>POLR2I</i>	-0.006046282	0.029725919	0.934614028	1
Stroke	pericyte	<i>PSORS1C2</i>	-0.062907587	0.01753692	0.934614028	1
Stroke	pericyte	<i>RABGEF1</i>	-0.009762911	0.00458279	0.934614028	1
Stroke	pericyte	<i>RASA3</i>	-0.001340203	0.04947448	0.934614028	1
Stroke	pericyte	<i>RTCB</i>	-0.002304741	0.027714383	0.934614028	1
Stroke	pericyte	<i>RTN1</i>	-0.000748044	0.042000995	0.934614028	1
Stroke	pericyte	<i>SHMT1</i>	-0.00263651	0.02956047	0.934614028	1
Stroke	pericyte	<i>SLC12A7</i>	-0.001634857	0.034807892	0.934614028	1
Stroke	pericyte	<i>SMAD5</i>	0.001616017	0.01591999	0.934614028	1
Stroke	pericyte	<i>SMG9</i>	-0.002932721	0.034994261	0.934614028	1
Stroke	pericyte	<i>SMIM19</i>	-0.001575124	0.043666335	0.934614028	1
Stroke	pericyte	<i>SMYD4</i>	-0.00308068	0.048283681	0.934614028	1
Stroke	pericyte	<i>SNIP1</i>	-0.003092895	0.038592725	0.934614028	1
Stroke	pericyte	<i>SUCLG2</i>	-0.001006317	0.048221322	0.934614028	1
Stroke	pericyte	<i>SULT1B1</i>	-0.005574123	0.036998582	0.934614028	1

Stroke	pericyte	<i>TMA7</i>	-0.004184352	0.01358527	0.934614028	1
Stroke	pericyte	<i>TMED6</i>	-0.036305311	0.048814984	0.934614028	1
Stroke	pericyte	<i>TMEM129</i>	-0.004151622	0.048761487	0.934614028	1
Stroke	pericyte	<i>TMEM143</i>	-0.00978518	0.00927723	0.934614028	1
Stroke	pericyte	<i>TTLL6</i>	0.011135424	0.04060854	0.934614028	1
Stroke	pericyte	<i>U2AF1L4</i>	-0.015127065	0.016743136	0.934614028	1
Stroke	pericyte	<i>VAMP8</i>	-0.002270506	0.007720703	0.934614028	1
Stroke	pericyte	<i>WDR6</i>	-0.001750815	0.045750303	0.934614028	1
Stroke	pericyte	<i>ZNF197</i>	-0.004364385	0.001488598	0.934614028	1
Stroke	pericyte	<i>ZNF502</i>	-0.012216697	0.002147887	0.934614028	1
Stroke	pericyte	<i>ZNF549</i>	-0.003426403	0.032964308	0.934614028	1
Stroke	pericyte	<i>PROKR1</i>	-0.050278648	0.02586895	0.934614028	1
Stroke	pericyte	<i>BOD1L2</i>	-0.0067962	0.04579142	0.934614028	1
Stroke	SMC	<i>ACP5</i>	-0.017065083	0.011873052	0.984764309	1
Stroke	SMC	<i>ALG12</i>	-0.003004916	0.019051309	0.984764309	1
Stroke	SMC	<i>ARSB</i>	-0.001204188	0.030524484	0.984764309	1
Stroke	SMC	<i>ATP6AP1L</i>	-0.003460779	0.009177432	0.984764309	1
Stroke	SMC	<i>BNIP1</i>	-0.007808426	0.039946941	0.984764309	1
Stroke	SMC	<i>C11orf54</i>	-0.004390766	0.018810997	0.984764309	1
Stroke	SMC	<i>CAV3</i>	-0.005713264	0.01141955	0.984764309	1
Stroke	SMC	<i>CCDC39</i>	0.001524567	0.028579201	0.984764309	1
Stroke	SMC	<i>CD83</i>	-0.002763273	0.02408602	0.984764309	1
Stroke	SMC	<i>CDCP1</i>	-0.002223051	0.017787066	0.984764309	1
Stroke	SMC	<i>CEP85</i>	-0.006204214	0.047201554	0.984764309	1
Stroke	SMC	<i>CKAP2</i>	-0.003234621	0.028439125	0.984764309	1
Stroke	SMC	<i>CRELD2</i>	-0.005943063	0.04618611	0.984764309	1
Stroke	SMC	<i>CSTF1</i>	-0.00384557	0.025894341	0.984764309	1
Stroke	SMC	<i>DNMT1</i>	-0.002267172	0.042396824	0.984764309	1
Stroke	SMC	<i>DRD4</i>	-0.018469102	0.009823079	0.984764309	1
Stroke	SMC	<i>DTX1</i>	0.00333801	0.005234145	0.984764309	1
Stroke	SMC	<i>DYNCH12</i>	0.001042971	0.043708626	0.984764309	1
Stroke	SMC	<i>EHBP1L1</i>	-0.002971956	0.031199616	0.984764309	1
Stroke	SMC	<i>FAM105A</i>	-0.001781741	0.034115035	0.984764309	1
Stroke	SMC	<i>FAM220A</i>	-0.005007758	0.023154902	0.984764309	1
Stroke	SMC	<i>FCGR2B</i>	-0.002084123	0.049244704	0.984764309	1
Stroke	SMC	<i>FGD3</i>	-0.001323342	0.044789146	0.984764309	1
Stroke	SMC	<i>FOXN4</i>	-0.020108763	0.015329623	0.984764309	1
Stroke	SMC	<i>G6PC3</i>	-0.008344399	0.022084988	0.984764309	1
Stroke	SMC	<i>GLDN</i>	-0.002894981	0.026568124	0.984764309	1
Stroke	SMC	<i>GOLGA8M</i>	-0.00979553	0.019373928	0.984764309	1
Stroke	SMC	<i>GPR155</i>	-0.001557593	0.03860969	0.984764309	1
Stroke	SMC	<i>GRAMD1B</i>	-0.002110191	0.02805521	0.984764309	1
Stroke	SMC	<i>GUF1</i>	-0.003378214	0.04172823	0.984764309	1
Stroke	SMC	<i>HAR1A</i>	-0.029585624	0.004074781	0.984764309	1
Stroke	SMC	<i>HLA-DQA2</i>	-0.002837753	0.049082216	0.984764309	1
Stroke	SMC	<i>HMOX2</i>	-0.002433659	0.015303996	0.984764309	1
Stroke	SMC	<i>ITGAV</i>	0.001491523	0.019712859	0.984764309	1
Stroke	SMC	<i>JMJD7</i>	-0.016251154	0.02249883	0.984764309	1
Stroke	SMC	<i>KCNJ3</i>	-0.01538327	0.038842187	0.984764309	1
Stroke	SMC	<i>LINC00664</i>	-0.027203555	0.029892765	0.984764309	1
Stroke	SMC	<i>MTF1</i>	-0.003166226	0.021257211	0.984764309	1
Stroke	SMC	<i>NAPSA</i>	-0.016770693	0.043007849	0.984764309	1

Stroke	SMC	<i>NGEF</i>	0.022738393	0.027969496	0.984764309	1
Stroke	SMC	<i>NUDT22</i>	-0.006094737	0.021053272	0.984764309	1
Stroke	SMC	<i>OAF</i>	0.002738597	0.021530115	0.984764309	1
Stroke	SMC	<i>PIP4K2B</i>	-0.004350164	0.012743493	0.984764309	1
Stroke	SMC	<i>PIP5KL1</i>	-0.010236421	0.036607033	0.984764309	1
Stroke	SMC	<i>PLEKHH1</i>	-0.006742792	0.002404468	0.984764309	1
Stroke	SMC	<i>PRPH2</i>	-0.005172444	0.014385954	0.984764309	1
Stroke	SMC	<i>RTN1</i>	-0.00080473	0.028564918	0.984764309	1
Stroke	SMC	<i>SAP25</i>	-0.063392275	0.012003526	0.984764309	1
Stroke	SMC	<i>SETDB2</i>	-0.001571927	0.041751626	0.984764309	1
Stroke	SMC	<i>SIL1</i>	-0.00085444	0.048425534	0.984764309	1
Stroke	SMC	<i>SLC25A32</i>	-0.001613383	0.046337769	0.984764309	1
Stroke	SMC	<i>SLC52A2</i>	-0.004604989	0.001024255	0.984764309	1
Stroke	SMC	<i>SMARCE1</i>	-0.003204377	0.016552605	0.984764309	1
Stroke	SMC	<i>SPTBN5</i>	-0.022509111	0.048817389	0.984764309	1
Stroke	SMC	<i>STK24</i>	-0.001381656	0.04008534	0.984764309	1
Stroke	SMC	<i>TMEM143</i>	-0.007476916	0.047013322	0.984764309	1
Stroke	SMC	<i>TMEM206</i>	-0.004536296	0.021080161	0.984764309	1
Stroke	SMC	<i>TNFRSF18</i>	0.006759299	0.019819457	0.984764309	1
Stroke	SMC	<i>TNPO2</i>	-0.002226747	0.036845729	0.984764309	1
Stroke	SMC	<i>TSPO2</i>	-0.009280512	0.007634635	0.984764309	1
Stroke	SMC	<i>UGT2B4</i>	-0.00960575	0.040275591	0.984764309	1
Stroke	SMC	<i>USP37</i>	-0.00225465	0.031271068	0.984764309	1
Stroke	SMC	<i>VIPAS39</i>	-0.003521125	0.021872184	0.984764309	1
Stroke	SMC	<i>WDFY3</i>	-0.000663123	0.049062054	0.984764309	1
Stroke	SMC	<i>ZBTB49</i>	-0.00436767	0.00902448	0.984764309	1
Stroke	SMC	<i>ZEB2</i>	-0.000445611	0.036406206	0.984764309	1
Stroke	SMC	<i>ZFP41</i>	-0.01279875	0.044995854	0.984764309	1
Stroke	SMC	<i>TM6SF2</i>	-0.002903594	0.041040034	0.984764309	1
Stroke	SMC	<i>ADAD2</i>	-0.035772168	0.037173989	0.984764309	1
Stroke	t_cell	<i>AC009403.2</i>	-0.019005503	0.027456353	0.924869677	1
Stroke	t_cell	<i>AC019117.2</i>	-0.028441019	0.014024102	0.924869677	1
Stroke	t_cell	<i>ADAM10</i>	0.000975784	0.032236964	0.924869677	1
Stroke	t_cell	<i>ADHFE1</i>	-0.002086567	0.012434936	0.924869677	1
Stroke	t_cell	<i>ANAPC11</i>	0.002254152	0.048063075	0.924869677	1
Stroke	t_cell	<i>ANKRD36B</i>	-0.002459739	0.009139824	0.924869677	1
Stroke	t_cell	<i>ANPEP</i>	-0.003337571	0.016400705	0.924869677	1
Stroke	t_cell	<i>APOL4</i>	-0.008840163	0.031171965	0.924869677	1
Stroke	t_cell	<i>ARHGEF18</i>	-0.021150219	0.029603027	0.924869677	1
Stroke	t_cell	<i>B3GALNT2</i>	-0.001808465	0.014746205	0.924869677	1
Stroke	t_cell	<i>BLOC1S2</i>	-0.003765925	0.048172615	0.924869677	1
Stroke	t_cell	<i>C17orf107</i>	-0.03010236	0.042762241	0.924869677	1
Stroke	t_cell	<i>CCDC36</i>	-0.004112413	0.02226846	0.924869677	1
Stroke	t_cell	<i>CCDC57</i>	-0.002299029	0.014745698	0.924869677	1
Stroke	t_cell	<i>CCL24</i>	-0.057373661	0.024252482	0.924869677	1
Stroke	t_cell	<i>CD5L</i>	-0.017976319	0.048033953	0.924869677	1
Stroke	t_cell	<i>CDC25A</i>	-0.018311175	0.014288367	0.924869677	1
Stroke	t_cell	<i>CENPM</i>	-0.034442475	0.045425162	0.924869677	1
Stroke	t_cell	<i>CEP85</i>	-0.00707375	0.023592987	0.924869677	1
Stroke	t_cell	<i>CFL2</i>	-0.005046161	0.026658685	0.924869677	1
Stroke	t_cell	<i>CHRNE</i>	-0.010400396	0.037918034	0.924869677	1
Stroke	t_cell	<i>CKMT2</i>	-0.006105045	0.022328367	0.924869677	1

Stroke	t_cell	<i>CPSF1</i>	-0.004933777	0.040717832	0.924869677	1
Stroke	t_cell	<i>CWC15</i>	-0.002214193	0.025829967	0.924869677	1
Stroke	t_cell	<i>CXCL6</i>	-0.008476677	0.048514027	0.924869677	1
Stroke	t_cell	<i>DIRC3</i>	-0.000939339	0.024146166	0.924869677	1
Stroke	t_cell	<i>DRAM1</i>	-0.001340711	0.036757592	0.924869677	1
Stroke	t_cell	<i>DYRK4</i>	-0.005145544	0.040331978	0.924869677	1
Stroke	t_cell	<i>EFHB</i>	-0.004206634	0.043327331	0.924869677	1
Stroke	t_cell	<i>EFS</i>	-0.003552276	0.037165308	0.924869677	1
Stroke	t_cell	<i>EMILIN3</i>	-0.040590023	0.000754764	0.924869677	1
Stroke	t_cell	<i>ENPP1</i>	-0.003514505	0.041934443	0.924869677	1
Stroke	t_cell	<i>FBXO39</i>	0.032013027	0.034423963	0.924869677	1
Stroke	t_cell	<i>FCERIA</i>	-0.002593397	0.018586133	0.924869677	1
Stroke	t_cell	<i>FCGR2B</i>	-0.002509473	0.017965439	0.924869677	1
Stroke	t_cell	<i>FDFIT1</i>	-0.003182997	0.014849884	0.924869677	1
Stroke	t_cell	<i>FTCDNL1</i>	-0.002244384	0.015986663	0.924869677	1
Stroke	t_cell	<i>GALM</i>	-0.001748332	0.028657304	0.924869677	1
Stroke	t_cell	<i>GGH</i>	-0.010157507	0.049928581	0.924869677	1
Stroke	t_cell	<i>GNPTG</i>	-0.004294981	0.042730347	0.924869677	1
Stroke	t_cell	<i>GOT2</i>	-0.003380856	0.012996826	0.924869677	1
Stroke	t_cell	<i>HDDC3</i>	-0.005911209	0.042848329	0.924869677	1
Stroke	t_cell	<i>HSD17B1</i>	-0.011996833	0.0084153	0.924869677	1
Stroke	t_cell	<i>HSD17B3</i>	-0.008007288	0.040411243	0.924869677	1
Stroke	t_cell	<i>HSDL2</i>	-0.001437397	0.043664045	0.924869677	1
Stroke	t_cell	<i>KCNC3</i>	-0.005629279	0.02646043	0.924869677	1
Stroke	t_cell	<i>KCNK13</i>	-0.003335571	0.021970345	0.924869677	1
Stroke	t_cell	<i>KCNN3</i>	0.00307135	0.025362533	0.924869677	1
Stroke	t_cell	<i>KIAA1324</i>	-0.008296659	0.023887984	0.924869677	1
Stroke	t_cell	<i>KIF16B</i>	-0.001377053	0.031362472	0.924869677	1
Stroke	t_cell	<i>KLK7</i>	-0.007538141	0.017668597	0.924869677	1
Stroke	t_cell	<i>LAYN</i>	0.004501852	0.035123992	0.924869677	1
Stroke	t_cell	<i>LDLRAD2</i>	-0.011219741	0.048746691	0.924869677	1
Stroke	t_cell	<i>LLGL2</i>	-0.002412403	0.010143425	0.924869677	1
Stroke	t_cell	<i>MACROD2</i>	-0.000757795	0.019103979	0.924869677	1
Stroke	t_cell	<i>MAP2K1</i>	-0.001387915	0.04170376	0.924869677	1
Stroke	t_cell	<i>MARVELD1</i>	-0.004149058	0.004203574	0.924869677	1
Stroke	t_cell	<i>MBLAC1</i>	-0.01063079	0.014537468	0.924869677	1
Stroke	t_cell	<i>MGAT5B</i>	-0.018860318	0.047676852	0.924869677	1
Stroke	t_cell	<i>MIF</i>	-0.006387208	0.041988052	0.924869677	1
Stroke	t_cell	<i>MRC1</i>	-0.000752198	0.030159217	0.924869677	1
Stroke	t_cell	<i>MRPL51</i>	-0.003155955	0.046956173	0.924869677	1
Stroke	t_cell	<i>NALCN</i>	0.002194919	0.043901907	0.924869677	1
Stroke	t_cell	<i>NDNF</i>	0.013182123	0.009729428	0.924869677	1
Stroke	t_cell	<i>NDUFAF4</i>	-0.004669663	0.010107291	0.924869677	1
Stroke	t_cell	<i>NEIL2</i>	-0.007175245	0.018807581	0.924869677	1
Stroke	t_cell	<i>NEURL2</i>	-0.010273285	0.042561882	0.924869677	1
Stroke	t_cell	<i>NT5DC3</i>	-0.003054745	0.0148991	0.924869677	1
Stroke	t_cell	<i>PCGF2</i>	0.005893142	0.011437774	0.924869677	1
Stroke	t_cell	<i>PCP2</i>	-0.049416938	0.006273598	0.924869677	1
Stroke	t_cell	<i>PGP</i>	-0.003455501	0.014892588	0.924869677	1
Stroke	t_cell	<i>PIGO</i>	-0.005441212	0.016204268	0.924869677	1
Stroke	t_cell	<i>PLOD1</i>	-0.009315215	0.023803538	0.924869677	1
Stroke	t_cell	<i>PNP</i>	-0.005671804	0.046202448	0.924869677	1

Stroke	t_cell	<i>POLR1B</i>	0.003120198	0.048420827	0.924869677	1
Stroke	t_cell	<i>PSMG2</i>	-0.002714649	0.027747207	0.924869677	1
Stroke	t_cell	<i>RNF150</i>	-0.001279724	0.03433762	0.924869677	1
Stroke	t_cell	<i>RRAGA</i>	-0.01196179	0.02611301	0.924869677	1
Stroke	t_cell	<i>RSU1</i>	-0.000979476	0.026473405	0.924869677	1
Stroke	t_cell	<i>RTN1</i>	-0.00080145	0.02910205	0.924869677	1
Stroke	t_cell	<i>SAMD14</i>	-0.007735656	0.003798881	0.924869677	1
Stroke	t_cell	<i>SARDH</i>	-0.017955594	0.032981637	0.924869677	1
Stroke	t_cell	<i>SBNO2</i>	-0.002605575	0.023356622	0.924869677	1
Stroke	t_cell	<i>SC5D</i>	-0.005210829	0.02393052	0.924869677	1
Stroke	t_cell	<i>SETDB2</i>	-0.0020316	0.008353049	0.924869677	1
Stroke	t_cell	<i>SFMBT1</i>	-0.003632076	0.020664046	0.924869677	1
Stroke	t_cell	<i>SH3BGR</i>	-0.008065923	0.020315924	0.924869677	1
Stroke	t_cell	<i>SMYD4</i>	-0.003572063	0.021983231	0.924869677	1
Stroke	t_cell	<i>SPIRE2</i>	-0.005581224	0.031443699	0.924869677	1
Stroke	t_cell	<i>SPTSSB</i>	-0.0256305	0.045093152	0.924869677	1
Stroke	t_cell	<i>TACR2</i>	-0.057810705	0.02706299	0.924869677	1
Stroke	t_cell	<i>TAPBPL</i>	-0.002535712	0.01336109	0.924869677	1
Stroke	t_cell	<i>TMEM236</i>	-0.004654832	0.042486718	0.924869677	1
Stroke	t_cell	<i>TMEM70</i>	-0.005602161	0.035243844	0.924869677	1
Stroke	t_cell	<i>TRABD2A</i>	-0.004330263	0.049899092	0.924869677	1
Stroke	t_cell	<i>TSC1</i>	-0.002406744	0.045356835	0.924869677	1
Stroke	t_cell	<i>TSGA10</i>	-0.00201576	0.040896158	0.924869677	1
Stroke	t_cell	<i>TSR3</i>	-0.003228002	0.045005603	0.924869677	1
Stroke	t_cell	<i>USP6</i>	-0.022582671	0.005003941	0.924869677	1
Stroke	t_cell	<i>WDR36</i>	-0.001754915	0.038383733	0.924869677	1
Stroke	t_cell	<i>WFDC3</i>	-0.008309252	0.044862631	0.924869677	1
Stroke	t_cell	<i>WFDC6</i>	-0.043672665	0.01023407	0.924869677	1
Stroke	t_cell	<i>ZBTB22</i>	-0.012860554	0.04171774	0.924869677	1
Stroke	t_cell	<i>ZNF232</i>	-0.014064166	0.01060353	0.924869677	1
Stroke	t_cell	<i>ZNF429</i>	-0.003337424	0.015562826	0.924869677	1
Stroke	t_cell	<i>ZNF577</i>	-0.001799656	0.035074338	0.924869677	1
Stroke	t_cell	<i>ZNF79</i>	-0.004788314	0.03793249	0.924869677	1
Stroke	t_cell	<i>ICOSLG</i>	-0.047922772	0.017785324	0.924869677	1
Stroke	t_cell	<i>SYT3</i>	0.003717698	0.025882498	0.924869677	1
Stroke	t_cell	<i>OR52N5</i>	-0.007824077	0.018371985	0.924869677	1
Stroke	t_cell	<i>SRXN1</i>	-0.006749924	0.009908835	0.924869677	1