

Table S5 Identified causal genes from inferred CTS expression profiles

a. Identified cell type specific causal genes for depression and related disorders from frontal cortex

disorder	celltype	genes	causal gene	zMin
Anxiety	Astros	<i>TNFRSF18</i>	TRUE	2.413196177
Anxiety	Astros	<i>ZSCAN29</i>	TRUE	2.287645559
Anxiety	Astros	<i>E2F6</i>	TRUE	2.175952335
Anxiety	Astros	<i>PSPH</i>	TRUE	2.109022732
Anxiety	Astros	<i>MRPS33</i>	TRUE	2.094822227
Anxiety	Astros	<i>CD52</i>	TRUE	2.068850897
Anxiety	Astros	<i>GNB2</i>	TRUE	2.060578723
Anxiety	Astros	<i>AP000769.1</i>	TRUE	2.01009084
Anxiety	Astros	<i>C1orf112</i>	TRUE	1.991076737
Anxiety	Astros	<i>FAM182B</i>	TRUE	1.969158466
Anxiety	Astros	<i>TSNAXIP1</i>	TRUE	1.960057153
Anxiety	Ex	<i>BTN3A2</i>	TRUE	3.107770122
Anxiety	Ex	<i>RNF224</i>	TRUE	2.819450002
Anxiety	Ex	<i>SLC7A10</i>	TRUE	2.705903412
Anxiety	Ex	<i>COX16</i>	TRUE	2.412979392
Anxiety	Ex	<i>MAMSTR</i>	TRUE	2.393972615
Anxiety	Ex	<i>OCEL1</i>	TRUE	2.175431014
Anxiety	Ex	<i>FAM101B</i>	TRUE	2.107290756
Anxiety	Ex	<i>GAPT</i>	TRUE	2.104012019
Anxiety	Ex	<i>SRXN1</i>	TRUE	2.056131402
Anxiety	Ex	<i>SHCBP1</i>	TRUE	2.03327727
Anxiety	Ex	<i>NTRK2</i>	TRUE	1.99440146
Anxiety	Inhib	<i>PGBD4</i>	TRUE	2.959414564
Anxiety	Inhib	<i>CTD.3162L10.1</i>	TRUE	2.797335774
Anxiety	Inhib	<i>RP3.467K16.4</i>	TRUE	2.726687509
Anxiety	Inhib	<i>RP1.7G5.6</i>	TRUE	2.578733878
Anxiety	Inhib	<i>LCN1</i>	TRUE	2.574486754
Anxiety	Inhib	<i>FAM96B</i>	TRUE	2.454331567
Anxiety	Inhib	<i>SHCBP1</i>	TRUE	2.450472624
Anxiety	Inhib	<i>COG8</i>	TRUE	2.438120431
Anxiety	Inhib	<i>AQP7</i>	TRUE	2.354353317
Anxiety	Inhib	<i>ZNF133</i>	TRUE	2.189104573
Anxiety	Inhib	<i>ADCK2</i>	TRUE	2.08182204
Anxiety	Inhib	<i>GCDH</i>	TRUE	2.077356433
Anxiety	Inhib	<i>NUDT12</i>	TRUE	2.038972959
Anxiety	Inhib	<i>TRIM45</i>	TRUE	2.001417559
Anxiety	MicroMacro	<i>PWP2</i>	TRUE	2.720495601
Anxiety	MicroMacro	<i>TACC3</i>	TRUE	2.595913817
Anxiety	MicroMacro	<i>RP11.33B1.4</i>	TRUE	2.448234403
Anxiety	MicroMacro	<i>RP3.467K16.4</i>	TRUE	2.380843952
Anxiety	MicroMacro	<i>PLEKHH2</i>	TRUE	2.204706307
Anxiety	MicroMacro	<i>PEX7</i>	TRUE	2.153013239

Anxiety	MicroMacro	<i>CCDC78</i>	TRUE	2.152301346
Anxiety	MicroMacro	<i>LY6G5C</i>	TRUE	2.13310165
Anxiety	MicroMacro	<i>UBXN2B</i>	TRUE	2.030597833
Anxiety	MicroMacro	<i>PBLD</i>	TRUE	2.000992004
Anxiety	MicroMacro	<i>HAR1A</i>	TRUE	1.969180815
Anxiety	Oligos	<i>ATP6V1C2</i>	TRUE	2.405982461
Anxiety	Oligos	<i>TATDN3</i>	TRUE	2.389482765
Anxiety	Oligos	<i>ENPP1</i>	TRUE	2.276073278
Anxiety	Oligos	<i>ANO1</i>	TRUE	2.255987555
Anxiety	Oligos	<i>TNFAIP2</i>	TRUE	2.153947178
Anxiety	Oligos	<i>FAM96B</i>	TRUE	2.141515481
Anxiety	Oligos	<i>PHLDA1</i>	TRUE	2.092822943
Anxiety	Oligos	<i>ANAPC4</i>	TRUE	2.084754828
Anxiety	Oligos	<i>RP11.399E6.1</i>	TRUE	2.039600998
Anxiety	Oligos	<i>CTD.2623N2.11</i>	TRUE	2.014398184
Anxiety	Oligos	<i>RGPD8</i>	TRUE	1.97116698
Anxiety	Oligos	<i>RP11.469N6.1</i>	TRUE	1.966017553
Anxiety	OPCs	<i>CWC25</i>	TRUE	3.058559254
Anxiety	OPCs	<i>SHCBP1</i>	TRUE	2.711143541
Anxiety	OPCs	<i>RP11.13A1.1</i>	TRUE	2.386598491
Anxiety	OPCs	<i>CKLF</i>	TRUE	2.268011577
Anxiety	OPCs	<i>AC007405.6</i>	TRUE	2.233470328
Anxiety	OPCs	<i>RP11.575F12.2</i>	TRUE	2.181847922
Anxiety	OPCs	<i>CCZ1</i>	TRUE	2.117640826
Anxiety	OPCs	<i>LCN9</i>	TRUE	2.016387979
Anxiety	OPCs	<i>LIPE</i>	TRUE	2.01270133
Anxiety	OPCs	<i>PEX7</i>	TRUE	1.983430256
Bipolar	Astros	<i>PIF1</i>	TRUE	3.757653206
Bipolar	Astros	<i>ANKRD34A</i>	TRUE	3.031815999
Bipolar	Astros	<i>ANXA5</i>	TRUE	2.714018444
Bipolar	Astros	<i>RP11.4K16.2</i>	TRUE	2.609037396
Bipolar	Astros	<i>BRD8</i>	TRUE	2.532216925
Bipolar	Astros	<i>RHD</i>	TRUE	2.504421828
Bipolar	Astros	<i>OCIAD2</i>	TRUE	2.210345205
Bipolar	Astros	<i>ALG1L2</i>	TRUE	1.989062886
Bipolar	Astros	<i>CCBL2</i>	TRUE	1.987815297
Bipolar	Astros	<i>ING5</i>	TRUE	1.971755575
Bipolar	Ex	<i>MTSSL</i>	TRUE	3.014107914
Bipolar	Ex	<i>PRSS36</i>	TRUE	2.830258591
Bipolar	Ex	<i>RP11.166B2.1</i>	TRUE	2.682094744
Bipolar	Ex	<i>PGM2</i>	TRUE	2.554979708
Bipolar	Ex	<i>POGLUT1</i>	TRUE	2.514790093
Bipolar	Ex	<i>RPS3</i>	TRUE	2.464774358
Bipolar	Ex	<i>ANKK1</i>	TRUE	2.351105102
Bipolar	Ex	<i>SELV</i>	TRUE	2.330304669
Bipolar	Ex	<i>DNLZ</i>	TRUE	2.184400956

Bipolar	Ex	<i>DESII</i>	TRUE	2.095125855
Bipolar	Ex	<i>RNF224</i>	TRUE	2.080611304
Bipolar	Ex	<i>HLA.A</i>	TRUE	2.066196153
Bipolar	Ex	<i>PPIL2</i>	TRUE	2.032982486
Bipolar	Ex	<i>HCG20</i>	TRUE	1.989573977
Bipolar	Ex	<i>ARHGEF39</i>	TRUE	1.98253642
Bipolar	Inhib	<i>WDR92</i>	TRUE	2.735584347
Bipolar	Inhib	<i>TRPV6</i>	TRUE	2.610837478
Bipolar	Inhib	<i>KIAA1614</i>	TRUE	2.499083551
Bipolar	Inhib	<i>FAM163A</i>	TRUE	2.375900325
Bipolar	Inhib	<i>PRKD2</i>	TRUE	2.33125043
Bipolar	Inhib	<i>RP11.230C9.4</i>	TRUE	2.287974056
Bipolar	Inhib	<i>RP11.222K16.1</i>	TRUE	2.270997862
Bipolar	Inhib	<i>AKR1C2</i>	TRUE	2.130392792
Bipolar	Inhib	<i>BCO2</i>	TRUE	2.124521044
Bipolar	Inhib	<i>RP4.761J14.10</i>	TRUE	2.111920328
Bipolar	Inhib	<i>CD53</i>	TRUE	2.110258863
Bipolar	Inhib	<i>RFC4</i>	TRUE	2.06932738
Bipolar	Inhib	<i>MIB1</i>	TRUE	2.04233553
Bipolar	Inhib	<i>RCOR3</i>	TRUE	2.029907303
Bipolar	Inhib	<i>UCHL3</i>	TRUE	2.003756212
Bipolar	MicroMacro	<i>RP11.157J24.2</i>	TRUE	2.44086947
Bipolar	MicroMacro	<i>AP000769.1</i>	TRUE	2.317518006
Bipolar	MicroMacro	<i>ZSCAN29</i>	TRUE	2.295016083
Bipolar	MicroMacro	<i>CDC26</i>	TRUE	2.273267345
Bipolar	MicroMacro	<i>SMN2</i>	TRUE	2.170183724
Bipolar	MicroMacro	<i>SWAP70</i>	TRUE	2.095885946
Bipolar	MicroMacro	<i>BRAT1</i>	TRUE	2.057152412
Bipolar	MicroMacro	<i>NOC3L</i>	TRUE	2.04104443
Bipolar	MicroMacro	<i>NOL6</i>	TRUE	2.031728947
Bipolar	Oligos	<i>NBR1</i>	TRUE	2.64094197
Bipolar	Oligos	<i>ANKRD34A</i>	TRUE	2.608121283
Bipolar	Oligos	<i>HTR3B</i>	TRUE	2.455462012
Bipolar	Oligos	<i>PI4K2B</i>	TRUE	2.414333578
Bipolar	Oligos	<i>ACSF3</i>	TRUE	2.414333043
Bipolar	Oligos	<i>PEMT</i>	TRUE	2.178014102
Bipolar	Oligos	<i>RP4.809F18.1</i>	TRUE	2.164078465
Bipolar	Oligos	<i>ADD3</i>	TRUE	2.143104583
Bipolar	Oligos	<i>LINC00652</i>	TRUE	2.142385133
Bipolar	Oligos	<i>MS4A14</i>	TRUE	2.129371284
Bipolar	Oligos	<i>ADCK2</i>	TRUE	2.116847523
Bipolar	Oligos	<i>DHFR</i>	TRUE	2.041014008
Bipolar	Oligos	<i>FGGY</i>	TRUE	2.032662086
Bipolar	Oligos	<i>DESII</i>	TRUE	2.028636893
Bipolar	Oligos	<i>RP11.218E20.3</i>	TRUE	1.984944999
Bipolar	Oligos	<i>GOLIM4</i>	TRUE	1.96041058

Bipolar	OPCs	<i>LYZL4</i>	TRUE	2.945578236
Bipolar	OPCs	<i>HTT</i>	TRUE	2.768313927
Bipolar	OPCs	<i>AC093159.1</i>	TRUE	2.643014515
Bipolar	OPCs	<i>GUF1</i>	TRUE	2.258260003
Bipolar	OPCs	<i>COX16</i>	TRUE	2.204844378
Bipolar	OPCs	<i>ING5</i>	TRUE	2.200489816
Bipolar	OPCs	<i>BDKRB1</i>	TRUE	2.158414391
Bipolar	OPCs	<i>SYT10</i>	TRUE	2.15279237
Bipolar	OPCs	<i>C7orf61</i>	TRUE	2.045695079
Depression	Astros	<i>ING5</i>	TRUE	2.885338415
Depression	Astros	<i>ZDHHC24</i>	TRUE	2.30294957
Depression	Astros	<i>LINC00652</i>	TRUE	2.29084907
Depression	Astros	<i>CTD.3162L10.1</i>	TRUE	2.23580596
Depression	Astros	<i>SNRPA1</i>	TRUE	2.223587457
Depression	Astros	<i>ZNF628</i>	TRUE	2.171920248
Depression	Astros	<i>MRPL28</i>	TRUE	2.123416128
Depression	Astros	<i>ARSA</i>	TRUE	2.096465378
Depression	Astros	<i>CD52</i>	TRUE	2.085683519
Depression	Ex	<i>SELV</i>	TRUE	2.742071242
Depression	Ex	<i>EFHB</i>	TRUE	2.47215048
Depression	Ex	<i>RP11.612A1.1</i>	TRUE	2.232225235
Depression	Ex	<i>GSTP1</i>	TRUE	2.199843627
Depression	Ex	<i>DNPH1</i>	TRUE	2.16639101
Depression	Ex	<i>LA16c.325D7.2</i>	TRUE	2.144594826
Depression	Ex	<i>PINK1</i>	TRUE	2.130202163
Depression	Ex	<i>MBOAT1</i>	TRUE	2.112715825
Depression	Ex	<i>ALKBH3</i>	TRUE	2.021892494
Depression	Ex	<i>HSD17B13</i>	TRUE	1.994531212
Depression	Ex	<i>RP11.4K16.2</i>	TRUE	1.960003511
Depression	Inhib	<i>PBX4</i>	TRUE	2.668426827
Depression	Inhib	<i>RP1.90G24.6</i>	TRUE	2.664945901
Depression	Inhib	<i>RP11.488L18.10</i>	TRUE	2.427340173
Depression	Inhib	<i>RP11.539L10.3</i>	TRUE	2.396893217
Depression	Inhib	<i>CKLF</i>	TRUE	2.380651889
Depression	Inhib	<i>RP11.399E6.1</i>	TRUE	2.370821644
Depression	Inhib	<i>LTV1</i>	TRUE	2.302306047
Depression	Inhib	<i>LIG3</i>	TRUE	2.242342214
Depression	Inhib	<i>CAPN10</i>	TRUE	2.090236461
Depression	Inhib	<i>BCL3</i>	TRUE	2.057277124
Depression	Inhib	<i>LINC00652</i>	TRUE	1.993534409
Depression	Inhib	<i>EIF2AK1</i>	TRUE	1.975758979
Depression	Inhib	<i>TMEM259</i>	TRUE	1.963345219
Depression	MicroMacro	<i>PLSCR4</i>	TRUE	2.416473676
Depression	MicroMacro	<i>RP11.826N14.4</i>	TRUE	2.374477818
Depression	MicroMacro	<i>MIB1</i>	TRUE	2.221194731
Depression	MicroMacro	<i>CTA.246H3.12</i>	TRUE	2.151460003

Depression	MicroMacro	<i>ZBTB46</i>	TRUE	2.111739492
Depression	MicroMacro	<i>CDC26</i>	TRUE	2.077593756
Depression	MicroMacro	<i>ZNF133</i>	TRUE	2.014608373
Depression	MicroMacro	<i>CCZ1</i>	TRUE	1.982233775
Depression	Oligos	<i>TNFRSF10C</i>	TRUE	2.806779557
Depression	Oligos	<i>RP11.1017G21.6</i>	TRUE	2.721387078
Depression	Oligos	<i>RP11.1406H17.1</i>	TRUE	2.697507092
Depression	Oligos	<i>DES11</i>	TRUE	2.300220891
Depression	Oligos	<i>ZNF521</i>	TRUE	2.254723748
Depression	Oligos	<i>SPG21</i>	TRUE	2.241322289
Depression	Oligos	<i>HTT</i>	TRUE	2.17837755
Depression	Oligos	<i>DNAJC15</i>	TRUE	2.084611148
Depression	Oligos	<i>THUMPD3</i>	TRUE	2.015575956
Depression	OPCs	<i>UCHL3</i>	TRUE	2.810340214
Depression	OPCs	<i>SKIV2L</i>	TRUE	2.445816206
Depression	OPCs	<i>ALKBH3</i>	TRUE	2.37421564
Depression	OPCs	<i>POGK</i>	TRUE	2.304835248
Depression	OPCs	<i>NBR1</i>	TRUE	2.287554494
Depression	OPCs	<i>RPS28</i>	TRUE	2.237205032
Depression	OPCs	<i>ANAPC4</i>	TRUE	2.153910395
Depression	OPCs	<i>AC091814.2</i>	TRUE	2.153610824
Depression	OPCs	<i>RPAP2</i>	TRUE	2.140752969
Depression	OPCs	<i>CCDC152</i>	TRUE	2.074978109
Depression	OPCs	<i>TRPM1</i>	TRUE	1.987955836
Depression_admission	Astros	<i>RP11.665C16.6</i>	TRUE	4.309005204
Depression_admission	Astros	<i>ZNF549</i>	TRUE	4.047829904
Depression_admission	Astros	<i>MRPS33</i>	TRUE	3.74340575
Depression_admission	Astros	<i>OR13A1</i>	TRUE	3.716275228
Depression_admission	Astros	<i>TIMM44</i>	TRUE	3.662085574
Depression_admission	Astros	<i>DHRS4L2</i>	TRUE	3.642669493
Depression_admission	Astros	<i>SCUBE1</i>	TRUE	3.602261329
Depression_admission	Astros	<i>CD72</i>	TRUE	3.446735002
Depression_admission	Astros	<i>RNF224</i>	TRUE	3.285130408
Depression_admission	Astros	<i>CEACAM19</i>	TRUE	3.056720812
Depression_admission	Astros	<i>KLHDC4</i>	TRUE	2.814956083
Depression_admission	Astros	<i>RP11.438L19.1</i>	TRUE	2.754410855
Depression_admission	Astros	<i>ADCK1</i>	TRUE	2.696957483
Depression_admission	Astros	<i>TACC3</i>	TRUE	2.633249663
Depression_admission	Astros	<i>DGCR6</i>	TRUE	2.561275244
Depression_admission	Astros	<i>POLR3E</i>	TRUE	2.529847318
Depression_admission	Astros	<i>RP11.612A1.1</i>	TRUE	2.512808394
Depression_admission	Astros	<i>MAD2L1</i>	TRUE	2.512390932
Depression_admission	Astros	<i>COX16</i>	TRUE	2.378417389
Depression_admission	Astros	<i>VPS33A</i>	TRUE	2.37812853
Depression_admission	Astros	<i>LINC00652</i>	TRUE	2.18535089
Depression_admission	Astros	<i>GABRB1</i>	TRUE	2.174151795

Depression_admission	Astros	<i>RP11.399H11.3</i>	TRUE	2.079720555
Depression_admission	Astros	<i>LINC00354</i>	TRUE	2.042529525
Depression_admission	Astros	<i>SHPK</i>	TRUE	2.003424523
Depression_admission	Astros	<i>RFC4</i>	TRUE	1.982679627
Depression_admission	Ex	<i>FECH</i>	TRUE	4.295708862
Depression_admission	Ex	<i>E2F6</i>	TRUE	3.738506625
Depression_admission	Ex	<i>COX16</i>	TRUE	3.714282959
Depression_admission	Ex	<i>TMEM106C</i>	TRUE	3.359832021
Depression_admission	Ex	<i>LZIC</i>	TRUE	3.323990049
Depression_admission	Ex	<i>TTF2</i>	TRUE	3.060731743
Depression_admission	Ex	<i>CDC45</i>	TRUE	3.006813908
Depression_admission	Ex	<i>DRD4</i>	TRUE	2.860204253
Depression_admission	Ex	<i>RP11.399E6.1</i>	TRUE	2.721770652
Depression_admission	Ex	<i>NAA38</i>	TRUE	2.571353778
Depression_admission	Ex	<i>C17orf107</i>	TRUE	2.487888715
Depression_admission	Ex	<i>SLC7A9</i>	TRUE	2.458269268
Depression_admission	Ex	<i>HAPLN3</i>	TRUE	2.45117173
Depression_admission	Ex	<i>RAP2B</i>	TRUE	2.417417865
Depression_admission	Ex	<i>ROSI</i>	TRUE	2.416378978
Depression_admission	Ex	<i>BCL3</i>	TRUE	2.329287394
Depression_admission	Ex	<i>FAM110C</i>	TRUE	2.304702857
Depression_admission	Ex	<i>LINC00665</i>	TRUE	2.283338122
Depression_admission	Ex	<i>PACRGL</i>	TRUE	2.274184893
Depression_admission	Ex	<i>BNIP1</i>	TRUE	2.257883911
Depression_admission	Ex	<i>U2AF1L4</i>	TRUE	2.243209923
Depression_admission	Ex	<i>CD72</i>	TRUE	2.242996998
Depression_admission	Ex	<i>LINC00342</i>	TRUE	2.226555455
Depression_admission	Ex	<i>CENPBD1</i>	TRUE	2.219272171
Depression_admission	Ex	<i>CTC.498J12.1</i>	TRUE	2.210762867
Depression_admission	Ex	<i>TRPT1</i>	TRUE	2.138730274
Depression_admission	Ex	<i>WDR5B</i>	TRUE	2.134090493
Depression_admission	Ex	<i>CD52</i>	TRUE	2.133755875
Depression_admission	Ex	<i>TNFSF12</i>	TRUE	2.128052104
Depression_admission	Ex	<i>RAB27A</i>	TRUE	2.02526606
Depression_admission	Ex	<i>RP4.760C5.3</i>	TRUE	2.022107262
Depression_admission	Inhib	<i>SYCE3</i>	TRUE	4.994296404
Depression_admission	Inhib	<i>E2F6</i>	TRUE	4.16395265
Depression_admission	Inhib	<i>CROCC</i>	TRUE	3.808133704
Depression_admission	Inhib	<i>ACCS</i>	TRUE	3.307224979
Depression_admission	Inhib	<i>GALM</i>	TRUE	3.254040054
Depression_admission	Inhib	<i>PACRGL</i>	TRUE	3.069132852
Depression_admission	Inhib	<i>CRLF1</i>	TRUE	2.670365087
Depression_admission	Inhib	<i>IRS2</i>	TRUE	2.629515947
Depression_admission	Inhib	<i>COX7A1</i>	TRUE	2.592998128
Depression_admission	Inhib	<i>SLC5A4</i>	TRUE	2.574235956
Depression_admission	Inhib	<i>RPL18A</i>	TRUE	2.552228724

Depression_admission	Inhib	<i>THG1L</i>	TRUE	2.514820737
Depression_admission	Inhib	<i>RP11.188P17.2</i>	TRUE	2.503917493
Depression_admission	Inhib	<i>LINC00665</i>	TRUE	2.463392631
Depression_admission	Inhib	<i>BCL3</i>	TRUE	2.4313057
Depression_admission	Inhib	<i>NOL6</i>	TRUE	2.393688879
Depression_admission	Inhib	<i>RP11.332J15.3</i>	TRUE	2.352705201
Depression_admission	Inhib	<i>RP5.1021I20.2</i>	TRUE	2.308745163
Depression_admission	Inhib	<i>BLOC1S2</i>	TRUE	2.272150572
Depression_admission	Inhib	<i>C19orf53</i>	TRUE	2.188239836
Depression_admission	Inhib	<i>ZNF320</i>	TRUE	2.161211122
Depression_admission	Inhib	<i>DOK6</i>	TRUE	2.154476836
Depression_admission	Inhib	<i>TECTB</i>	TRUE	2.12052344
Depression_admission	Inhib	<i>RP1.90G24.6</i>	TRUE	2.097270377
Depression_admission	Inhib	<i>LRPAP1</i>	TRUE	2.087409739
Depression_admission	Inhib	<i>TVP23B</i>	TRUE	2.050891578
Depression_admission	Inhib	<i>RP4.761J14.10</i>	TRUE	2.047214378
Depression_admission	Inhib	<i>TNFRSF18</i>	TRUE	2.038002078
Depression_admission	Inhib	<i>RP4.760C5.3</i>	TRUE	2.002989837
Depression_admission	Inhib	<i>UBE2T</i>	TRUE	1.969408454
Depression_admission	MicroMacro	<i>COX14</i>	TRUE	6.902713559
Depression_admission	MicroMacro	<i>ZNF681</i>	TRUE	5.079727579
Depression_admission	MicroMacro	<i>RP1.90G24.6</i>	TRUE	4.973379166
Depression_admission	MicroMacro	<i>TCHH</i>	TRUE	4.82632293
Depression_admission	MicroMacro	<i>PCDHGA1</i>	TRUE	4.463991556
Depression_admission	MicroMacro	<i>RP11.488L18.10</i>	TRUE	4.225995137
Depression_admission	MicroMacro	<i>ZNF737</i>	TRUE	4.225813314
Depression_admission	MicroMacro	<i>RUNX3</i>	TRUE	4.16221476
Depression_admission	MicroMacro	<i>CTD.2561B21.11</i>	TRUE	3.846894191
Depression_admission	MicroMacro	<i>WDR92</i>	TRUE	3.818357084
Depression_admission	MicroMacro	<i>RP11.612A1.1</i>	TRUE	3.781677242
Depression_admission	MicroMacro	<i>FAM96B</i>	TRUE	3.768384123
Depression_admission	MicroMacro	<i>GPSM1</i>	TRUE	3.689889123
Depression_admission	MicroMacro	<i>RMND1</i>	TRUE	3.6502521
Depression_admission	MicroMacro	<i>CCDC7</i>	TRUE	3.599049709
Depression_admission	MicroMacro	<i>OXGR1</i>	TRUE	3.327789027
Depression_admission	MicroMacro	<i>RP11.188P17.2</i>	TRUE	3.247183447
Depression_admission	MicroMacro	<i>USE1</i>	TRUE	3.026285986
Depression_admission	MicroMacro	<i>POGLUT1</i>	TRUE	2.906846948
Depression_admission	MicroMacro	<i>SPINK9</i>	TRUE	2.72211167
Depression_admission	MicroMacro	<i>ATL3</i>	TRUE	2.626080474
Depression_admission	MicroMacro	<i>TRIM45</i>	TRUE	2.592370693
Depression_admission	MicroMacro	<i>TRPM1</i>	TRUE	2.556157211
Depression_admission	MicroMacro	<i>NEK10</i>	TRUE	2.545982517
Depression_admission	MicroMacro	<i>HDAC10</i>	TRUE	2.531373235
Depression_admission	MicroMacro	<i>KRT80</i>	TRUE	2.51455107
Depression_admission	MicroMacro	<i>MRPS33</i>	TRUE	2.514170199

Depression_admission	MicroMacro	ZNF232	TRUE	2.445711869
Depression_admission	MicroMacro	CA12	TRUE	2.39867828
Depression_admission	MicroMacro	AC007405.6	TRUE	2.366923528
Depression_admission	MicroMacro	RP11.166B2.1	TRUE	2.230156702
Depression_admission	MicroMacro	ZNF239	TRUE	2.179034021
Depression_admission	MicroMacro	ZFP69	TRUE	2.093834608
Depression_admission	MicroMacro	RP11.535M15.1	TRUE	2.026757451
Depression_admission	MicroMacro	CTD.307407.2	TRUE	2.01492193
Depression_admission	Oligos	CRYZ	TRUE	6.383308284
Depression_admission	Oligos	HIST2H2AC	TRUE	5.393552722
Depression_admission	Oligos	FDXACB1	TRUE	4.124528135
Depression_admission	Oligos	OR13A1	TRUE	3.663974796
Depression_admission	Oligos	Sep-02	TRUE	3.502071915
Depression_admission	Oligos	ERCC8	TRUE	3.317030806
Depression_admission	Oligos	RP11.230C9.4	TRUE	3.037529456
Depression_admission	Oligos	HTR3B	TRUE	2.988474528
Depression_admission	Oligos	H3F3C	TRUE	2.8773009
Depression_admission	Oligos	ATL3	TRUE	2.841825249
Depression_admission	Oligos	MRPL28	TRUE	2.721752651
Depression_admission	Oligos	ADRA1D	TRUE	2.720326189
Depression_admission	Oligos	SLC33A1	TRUE	2.716984284
Depression_admission	Oligos	BCL3	TRUE	2.700582525
Depression_admission	Oligos	TUBGCP4	TRUE	2.476872233
Depression_admission	Oligos	RP11.584P21.2	TRUE	2.30289512
Depression_admission	Oligos	GTF2H1	TRUE	2.253090271
Depression_admission	Oligos	CTD.2339F6.1	TRUE	2.242962613
Depression_admission	Oligos	ZNF257	TRUE	2.213984178
Depression_admission	Oligos	CTD.3162L10.1	TRUE	2.171107533
Depression_admission	Oligos	PVR	TRUE	2.147411129
Depression_admission	Oligos	EARS2	TRUE	2.109537989
Depression_admission	Oligos	CTD.2349P21.9	TRUE	2.013414289
Depression_admission	Oligos	ARL14EP	TRUE	2.004690597
Depression_admission	Oligos	PPP2R3C	TRUE	1.998548323
Depression_admission	Oligos	RAPSN	TRUE	1.985082863
Depression_admission	Oligos	RP11.120K24.3	TRUE	1.978862326
Depression_admission	Oligos	ACTR3C	TRUE	1.961908954
Depression_admission	OPCs	C1orf109	TRUE	5.132017492
Depression_admission	OPCs	TFPI	TRUE	4.382013699
Depression_admission	OPCs	ALKBH3	TRUE	4.11301803
Depression_admission	OPCs	TIMM44	TRUE	3.922242169
Depression_admission	OPCs	DARS	TRUE	3.662483444
Depression_admission	OPCs	AC068282.3	TRUE	3.280480635
Depression_admission	OPCs	CROCC	TRUE	3.17422738
Depression_admission	OPCs	NPHP4	TRUE	3.173156801
Depression_admission	OPCs	RP11.575F12.2	TRUE	3.000349648
Depression_admission	OPCs	IL10	TRUE	2.882286618

Depression_admission	OPCs	<i>C20orf203</i>	TRUE	2.874267644
Depression_admission	OPCs	<i>U2AF1L4</i>	TRUE	2.757490302
Depression_admission	OPCs	<i>ZNF521</i>	TRUE	2.709834537
Depression_admission	OPCs	<i>CYP26C1</i>	TRUE	2.669012442
Depression_admission	OPCs	<i>GS1.259H13.2</i>	TRUE	2.66782449
Depression_admission	OPCs	<i>SMN2</i>	TRUE	2.644806269
Depression_admission	OPCs	<i>PEX7</i>	TRUE	2.638569302
Depression_admission	OPCs	<i>LRRC37A</i>	TRUE	2.603773573
Depression_admission	OPCs	<i>C17orf89</i>	TRUE	2.582602875
Depression_admission	OPCs	<i>WNT11</i>	TRUE	2.54757046
Depression_admission	OPCs	<i>ATL3</i>	TRUE	2.496410387
Depression_admission	OPCs	<i>TTC32</i>	TRUE	2.432283217
Depression_admission	OPCs	<i>LURAP1</i>	TRUE	2.398705524
Depression_admission	OPCs	<i>GAS8</i>	TRUE	2.391998991
Depression_admission	OPCs	<i>RNPS1</i>	TRUE	2.327435013
Depression_admission	OPCs	<i>WDR88</i>	TRUE	2.21617089
Depression_admission	OPCs	<i>CRCP</i>	TRUE	2.200775793
Depression_admission	OPCs	<i>LINC00421</i>	TRUE	2.192264671
Depression_admission	OPCs	<i>TTC14</i>	TRUE	2.160257743
Depression_admission	OPCs	<i>CCZ1</i>	TRUE	2.140897296
Depression_admission	OPCs	<i>SLC10A6</i>	TRUE	2.113128616
Depression_admission	OPCs	<i>RPS18</i>	TRUE	2.104895818
Depression_admission	OPCs	<i>LINC00493</i>	TRUE	2.067829824
Depression_admission	OPCs	<i>CPSF3</i>	TRUE	2.058516501
Depression_admission	OPCs	<i>POP5</i>	TRUE	2.019618713
Depression_admission	OPCs	<i>LCN9</i>	TRUE	1.97924807
Depression_admission	OPCs	<i>AC006129.2</i>	TRUE	1.968189779
Depression_TRD	Astros	<i>KLK5</i>	TRUE	2.469264666
Depression_TRD	Astros	<i>ZNF124</i>	TRUE	2.250204643
Depression_TRD	Astros	<i>ACSM5</i>	TRUE	2.246056399
Depression_TRD	Astros	<i>TTC14</i>	TRUE	2.110534319
Depression_TRD	Astros	<i>CTC.548K16.1</i>	TRUE	2.045326481
Depression_TRD	Astros	<i>TIAMI</i>	TRUE	2.001420643
Depression_TRD	Astros	<i>CCDC174</i>	TRUE	1.991093015
Depression_TRD	Ex	<i>ZNF717</i>	TRUE	3.081163794
Depression_TRD	Ex	<i>RP4.809F18.2</i>	TRUE	2.698844033
Depression_TRD	Ex	<i>EBPL</i>	TRUE	2.223200511
Depression_TRD	Ex	<i>BMS1</i>	TRUE	2.208191335
Depression_TRD	Ex	<i>GUF1</i>	TRUE	2.189461957
Depression_TRD	Ex	<i>THADA</i>	TRUE	2.16708516
Depression_TRD	Ex	<i>ANXA5</i>	TRUE	2.086606925
Depression_TRD	Ex	<i>TRIM73</i>	TRUE	2.073186849
Depression_TRD	Inhib	<i>MAMSTR</i>	TRUE	3.424022926
Depression_TRD	Inhib	<i>SNX16</i>	TRUE	2.894154792
Depression_TRD	Inhib	<i>HIST1H4H</i>	TRUE	2.827584742
Depression_TRD	Inhib	<i>GALM</i>	TRUE	2.542248673

Depression_TRD	Inhib	<i>CCNDBP1</i>	TRUE	2.410474268
Depression_TRD	Inhib	<i>LCN9</i>	TRUE	2.351782919
Depression_TRD	Inhib	<i>RP11.50B3.2</i>	TRUE	2.299370202
Depression_TRD	Inhib	<i>ZNF649</i>	TRUE	2.255656564
Depression_TRD	Inhib	<i>SAMD14</i>	TRUE	2.047881157
Depression_TRD	Inhib	<i>TEKT3</i>	TRUE	2.044226707
Depression_TRD	MicroMacro	<i>CAPN10</i>	TRUE	3.415555249
Depression_TRD	MicroMacro	<i>TTC32</i>	TRUE	2.782417219
Depression_TRD	MicroMacro	<i>TFPI</i>	TRUE	2.342851081
Depression_TRD	MicroMacro	<i>CENPP</i>	TRUE	2.23759832
Depression_TRD	MicroMacro	<i>NWD1</i>	TRUE	2.124407756
Depression_TRD	MicroMacro	<i>FAM83E</i>	TRUE	2.121365054
Depression_TRD	MicroMacro	<i>CCDC114</i>	TRUE	2.0189965
Depression_TRD	MicroMacro	<i>EIF2AK1</i>	TRUE	1.998938675
Depression_TRD	MicroMacro	<i>DGCR6</i>	TRUE	1.978755889
Depression_TRD	Oligos	<i>ANO1</i>	TRUE	3.654171142
Depression_TRD	Oligos	<i>BTN2A2</i>	TRUE	2.768431763
Depression_TRD	Oligos	<i>DCST2</i>	TRUE	2.564062717
Depression_TRD	Oligos	<i>LMAN1</i>	TRUE	2.344850604
Depression_TRD	Oligos	<i>MIDN</i>	TRUE	2.141046993
Depression_TRD	Oligos	<i>HIF1AN</i>	TRUE	2.11597283
Depression_TRD	Oligos	<i>MAPK12</i>	TRUE	1.991197049
Depression_TRD	OPCs	<i>PCDHB10</i>	TRUE	2.806207489
Depression_TRD	OPCs	<i>TUBA1C</i>	TRUE	2.500501661
Depression_TRD	OPCs	<i>RP11.575F12.2</i>	TRUE	2.119860134
Depression_TRD	OPCs	<i>CCDC114</i>	TRUE	2.085438763
Depression_TRD	OPCs	<i>KCNAB2</i>	TRUE	1.991794723
Psychosis	Astros	<i>NAGS</i>	TRUE	2.414572812
Psychosis	Astros	<i>AC069513.4</i>	TRUE	2.36995568
Psychosis	Astros	<i>INTS10</i>	TRUE	2.369816609
Psychosis	Astros	<i>AMPD3</i>	TRUE	2.324135157
Psychosis	Astros	<i>MYO15B</i>	TRUE	2.166859072
Psychosis	Astros	<i>DIAPH3</i>	TRUE	2.155886699
Psychosis	Astros	<i>AC068282.3</i>	TRUE	2.11376056
Psychosis	Astros	<i>KLRC1</i>	TRUE	2.074760964
Psychosis	Astros	<i>RP11.421M1.8</i>	TRUE	2.05076739
Psychosis	Astros	<i>RNF224</i>	TRUE	2.027099521
Psychosis	Astros	<i>NHLH2</i>	TRUE	2.025919538
Psychosis	Ex	<i>INTS10</i>	TRUE	2.412707164
Psychosis	Ex	<i>ARMC2</i>	TRUE	2.374781608
Psychosis	Ex	<i>CCDC157</i>	TRUE	2.372346722
Psychosis	Ex	<i>F5</i>	TRUE	2.362991864
Psychosis	Ex	<i>TTF2</i>	TRUE	2.145506584
Psychosis	Ex	<i>TTC32</i>	TRUE	2.14289573
Psychosis	Ex	<i>KLRG1</i>	TRUE	2.124456812
Psychosis	Ex	<i>HAGH</i>	TRUE	2.115063863

Psychosis	Ex	<i>FECH</i>	TRUE	1.995092234
Psychosis	Ex	<i>MAMSTR</i>	TRUE	1.993565537
Psychosis	Ex	<i>AC108868.6</i>	TRUE	1.974068337
Psychosis	Inhib	<i>NOC3L</i>	TRUE	2.671716488
Psychosis	Inhib	<i>LINC00652</i>	TRUE	2.37765753
Psychosis	Inhib	<i>CCDC144NL</i>	TRUE	2.253398556
Psychosis	Inhib	<i>NOS1</i>	TRUE	2.180652481
Psychosis	Inhib	<i>BLOC1S2</i>	TRUE	2.103956168
Psychosis	Inhib	<i>C17orf107</i>	TRUE	2.102969549
Psychosis	Inhib	<i>CACNG6</i>	TRUE	2.06159348
Psychosis	Inhib	<i>PLEKHH2</i>	TRUE	2.048883187
Psychosis	Inhib	<i>GSTP1</i>	TRUE	2.010065743
Psychosis	Inhib	<i>WDR92</i>	TRUE	2.00204224
Psychosis	Inhib	<i>ERV3.1</i>	TRUE	1.970646188
Psychosis	MicroMacro	<i>ZNF589</i>	TRUE	2.899813162
Psychosis	MicroMacro	<i>RP11.247A12.7</i>	TRUE	2.422687564
Psychosis	MicroMacro	<i>CCNO</i>	TRUE	2.241311711
Psychosis	MicroMacro	<i>BDKRB1</i>	TRUE	2.219361902
Psychosis	MicroMacro	<i>C1orf123</i>	TRUE	2.165920072
Psychosis	MicroMacro	<i>BTN3A2</i>	TRUE	2.124730821
Psychosis	MicroMacro	<i>U2AF1L4</i>	TRUE	2.084219153
Psychosis	MicroMacro	<i>SCCPDH</i>	TRUE	2.082760423
Psychosis	MicroMacro	<i>ADCK2</i>	TRUE	2.052402236
Psychosis	MicroMacro	<i>IGLN5</i>	TRUE	2.019940658
Psychosis	MicroMacro	<i>RNF139.AS1</i>	TRUE	2.006449465
Psychosis	MicroMacro	<i>L3MBTL2</i>	TRUE	1.999743006
Psychosis	Oligos	<i>ARSK</i>	TRUE	2.605910581
Psychosis	Oligos	<i>ARID3C</i>	TRUE	2.58639319
Psychosis	Oligos	<i>LXN</i>	TRUE	2.572679829
Psychosis	Oligos	<i>ANXA5</i>	TRUE	2.516437463
Psychosis	Oligos	<i>TFPI</i>	TRUE	2.267447512
Psychosis	Oligos	<i>ZFP1</i>	TRUE	2.222904762
Psychosis	Oligos	<i>ZNF737</i>	TRUE	2.21150673
Psychosis	Oligos	<i>TEKT3</i>	TRUE	2.181004066
Psychosis	Oligos	<i>CTC.471C19.1</i>	TRUE	2.119204918
Psychosis	Oligos	<i>FAM26F</i>	TRUE	2.094236265
Psychosis	Oligos	<i>CNTLN</i>	TRUE	2.079244497
Psychosis	Oligos	<i>RNF139.AS1</i>	TRUE	2.069073855
Psychosis	Oligos	<i>ERV3.1</i>	TRUE	2.065098742
Psychosis	Oligos	<i>MBOAT1</i>	TRUE	2.053086004
Psychosis	Oligos	<i>TMEM258</i>	TRUE	2.01235828
Psychosis	OPCs	<i>CYP26C1</i>	TRUE	3.366812892
Psychosis	OPCs	<i>SYCE3</i>	TRUE	3.257385892
Psychosis	OPCs	<i>ZNF577</i>	TRUE	2.7761433
Psychosis	OPCs	<i>ZNF320</i>	TRUE	2.536627516
Psychosis	OPCs	<i>GABRB1</i>	TRUE	2.484669302

Psychosis	OPCs	<i>BMII</i>	TRUE	2.481172281
Psychosis	OPCs	<i>SLC1A7</i>	TRUE	2.242651447
Psychosis	OPCs	<i>APOD</i>	TRUE	2.240872081
Psychosis	OPCs	<i>RP11.508N22.12</i>	TRUE	2.21650443
Psychosis	OPCs	<i>ENPP1</i>	TRUE	2.116281208
Psychosis	OPCs	<i>TBC1D1</i>	TRUE	2.092532192
Psychosis	OPCs	<i>TNFRSF10C</i>	TRUE	2.014871121
Psychosis	OPCs	<i>CTD.2170G1.2</i>	TRUE	2.005515574
Psychosis	OPCs	<i>WRAP73</i>	TRUE	1.978916179
Psychosis	OPCs	<i>TEX40</i>	TRUE	1.965141482

Note: zMin indicates the zscore calculated from the PC-simple for the causal relationships between the target gene and phenotype

b. Identified cell type specific causal genes for T2DM and related disorders from pancreas□

disorder	celltype	genes	causal gene	zMin
Prediabetes	acinar_cell	<i>ATP10B</i>	TRUE	2.720546524
Prediabetes	acinar_cell	<i>ZFP57</i>	TRUE	2.482229272
Prediabetes	acinar_cell	<i>LIPT1</i>	TRUE	2.430301888
Prediabetes	acinar_cell	<i>IL17RD</i>	TRUE	2.299596856
Prediabetes	acinar_cell	<i>GCAT</i>	TRUE	2.283342643
Prediabetes	acinar_cell	<i>PAX9</i>	TRUE	2.273986959
Prediabetes	acinar_cell	<i>SPTLC1</i>	TRUE	2.169893266
Prediabetes	acinar_cell	<i>ARID3A</i>	TRUE	2.168203972
Prediabetes	acinar_cell	<i>SIGLEC11</i>	TRUE	2.165857962
Prediabetes	acinar_cell	<i>VSIG10</i>	TRUE	2.152112031
Prediabetes	acinar_cell	<i>LINC00865</i>	TRUE	2.138356863
Prediabetes	acinar_cell	<i>PSEN2</i>	TRUE	2.113851163
Prediabetes	acinar_cell	<i>VAC14</i>	TRUE	2.084558486
Prediabetes	acinar_cell	<i>CNTNAP1</i>	TRUE	2.012833745
Prediabetes	acinar_cell	<i>DOK3</i>	TRUE	1.969177425
Prediabetes	acinar_cell	<i>POTEC</i>	TRUE	1.968631325
Prediabetes	alpha_cell	<i>THOC3</i>	TRUE	3.039323027
Prediabetes	alpha_cell	<i>TWF2</i>	TRUE	2.809932496
Prediabetes	alpha_cell	<i>PEX7</i>	TRUE	2.576921643
Prediabetes	alpha_cell	<i>ITK</i>	TRUE	2.424620996
Prediabetes	alpha_cell	<i>NPAS4</i>	TRUE	2.394360694
Prediabetes	alpha_cell	<i>RAP1GDS1</i>	TRUE	2.367238903
Prediabetes	alpha_cell	<i>ICAM3</i>	TRUE	2.350665348
Prediabetes	alpha_cell	<i>DNA2</i>	TRUE	2.299805946
Prediabetes	alpha_cell	<i>LEFTY1</i>	TRUE	2.229071102
Prediabetes	alpha_cell	<i>FIGLA</i>	TRUE	2.226570223
Prediabetes	alpha_cell	<i>RMDN1</i>	TRUE	2.210422697
Prediabetes	alpha_cell	<i>UNC45A</i>	TRUE	2.122083043
Prediabetes	alpha_cell	<i>HEATR6</i>	TRUE	2.118448004
Prediabetes	alpha_cell	<i>DNASE1</i>	TRUE	2.099373832
Prediabetes	alpha_cell	<i>CCDC152</i>	TRUE	2.090809319
Prediabetes	alpha_cell	<i>THBS3</i>	TRUE	2.085779101
Prediabetes	alpha_cell	<i>PCSK5</i>	TRUE	2.065894163
Prediabetes	alpha_cell	<i>CCDC116</i>	TRUE	2.050203948
Prediabetes	alpha_cell	<i>RPN1</i>	TRUE	2.041681416
Prediabetes	alpha_cell	<i>LINC01139</i>	TRUE	1.99445084
Prediabetes	alpha_cell	<i>S100A14</i>	TRUE	1.993629527
Prediabetes	beta_cell	<i>CEACAM19</i>	TRUE	3.186369769
Prediabetes	beta_cell	<i>PRKAB1</i>	TRUE	3.003831197
Prediabetes	beta_cell	<i>ERAP2</i>	TRUE	2.736136625
Prediabetes	beta_cell	<i>RBCK1</i>	TRUE	2.673273847

Prediabetes	beta_cell	<i>TOP1MT</i>	TRUE	2.554941504
Prediabetes	beta_cell	<i>PFN4</i>	TRUE	2.518219693
Prediabetes	beta_cell	<i>CEP152</i>	TRUE	2.449819019
Prediabetes	beta_cell	<i>RANGRF</i>	TRUE	2.400443163
Prediabetes	beta_cell	<i>KLHL42</i>	TRUE	2.254078676
Prediabetes	beta_cell	<i>EPHB2</i>	TRUE	2.148005613
Prediabetes	beta_cell	<i>SUPT3H</i>	TRUE	2.005410487
Prediabetes	delta_cell	<i>INVS</i>	TRUE	2.688222102
Prediabetes	delta_cell	<i>NXPE3</i>	TRUE	2.671396548
Prediabetes	delta_cell	<i>SLC43A2</i>	TRUE	2.622936315
Prediabetes	delta_cell	<i>CSDC2</i>	TRUE	2.57387674
Prediabetes	delta_cell	<i>THBS3</i>	TRUE	2.452304382
Prediabetes	delta_cell	<i>CCDC124</i>	TRUE	2.44683718
Prediabetes	delta_cell	<i>CHAC1</i>	TRUE	2.441754625
Prediabetes	delta_cell	<i>PACRGL</i>	TRUE	2.401342613
Prediabetes	delta_cell	<i>C1orf112</i>	TRUE	2.257559478
Prediabetes	delta_cell	<i>PLA2R1</i>	TRUE	2.233043058
Prediabetes	delta_cell	<i>UQCC2</i>	TRUE	2.224286948
Prediabetes	delta_cell	<i>GNG5</i>	TRUE	2.203440434
Prediabetes	delta_cell	<i>REV1</i>	TRUE	2.164092902
Prediabetes	delta_cell	<i>IDH3B</i>	TRUE	2.153548456
Prediabetes	delta_cell	<i>SIRT4</i>	TRUE	2.146474145
Prediabetes	delta_cell	<i>ZNF583</i>	TRUE	2.136224616
Prediabetes	delta_cell	<i>TBCK</i>	TRUE	2.118823146
Prediabetes	delta_cell	<i>XCL1</i>	TRUE	2.094305665
Prediabetes	delta_cell	<i>NIT1</i>	TRUE	2.062342014
Prediabetes	delta_cell	<i>ATP12A</i>	TRUE	2.060456246
Prediabetes	delta_cell	<i>LINC00865</i>	TRUE	2.016036097
Prediabetes	delta_cell	<i>PDHX</i>	TRUE	2.013585181
Prediabetes	delta_cell	<i>NSA2</i>	TRUE	2.011385521
Prediabetes	delta_cell	<i>WDR18</i>	TRUE	2.007642264
Prediabetes	delta_cell	<i>PAX9</i>	TRUE	1.989315637
Prediabetes	duct_epithelial_cell	<i>KIF16B</i>	TRUE	2.718341685
Prediabetes	duct_epithelial_cell	<i>CYP2W1</i>	TRUE	2.64434691
Prediabetes	duct_epithelial_cell	<i>SEC61G</i>	TRUE	2.544326281
Prediabetes	duct_epithelial_cell	<i>ECHDC3</i>	TRUE	2.387761956
Prediabetes	duct_epithelial_cell	<i>CAMTA2</i>	TRUE	2.328196776
Prediabetes	duct_epithelial_cell	<i>SPIN1</i>	TRUE	2.327386513
Prediabetes	duct_epithelial_cell	<i>CRHR2</i>	TRUE	2.290978089
Prediabetes	duct_epithelial_cell	<i>LRRC39</i>	TRUE	2.226829282
Prediabetes	duct_epithelial_cell	<i>WBP1L</i>	TRUE	2.189982793
Prediabetes	duct_epithelial_cell	<i>CWC22</i>	TRUE	2.169108838
Prediabetes	duct_epithelial_cell	<i>STOX1</i>	TRUE	2.119487788
Prediabetes	duct_epithelial_cell	<i>PDE1C</i>	TRUE	2.107100778

Prediabetes	duct_epithelial_cell	<i>CASP10</i>	TRUE	2.050047115
Prediabetes	duct_epithelial_cell	<i>MILR1</i>	TRUE	2.044080705
Prediabetes	duct_epithelial_cell	<i>UQCC2</i>	TRUE	2.012736551
Prediabetes	duct_epithelial_cell	<i>VIPR1</i>	TRUE	1.989270888
Prediabetes	endothelial_cell	<i>SNX31</i>	TRUE	2.940984968
Prediabetes	endothelial_cell	<i>PYGL</i>	TRUE	2.809421128
Prediabetes	endothelial_cell	<i>LPIN3</i>	TRUE	2.772620056
Prediabetes	endothelial_cell	<i>CXCL6</i>	TRUE	2.713145127
Prediabetes	endothelial_cell	<i>C1orf112</i>	TRUE	2.707470604
Prediabetes	endothelial_cell	<i>ALOX12</i>	TRUE	2.70459428
Prediabetes	endothelial_cell	<i>GNAI2</i>	TRUE	2.65614305
Prediabetes	endothelial_cell	<i>GALR3</i>	TRUE	2.53326308
Prediabetes	endothelial_cell	<i>ZNF177</i>	TRUE	2.196834789
Prediabetes	endothelial_cell	<i>LINC01123</i>	TRUE	2.161503155
Prediabetes	endothelial_cell	<i>DIRC3</i>	TRUE	2.045171668
Prediabetes	endothelial_cell	<i>SLC37A1</i>	TRUE	2.043279493
Prediabetes	endothelial_cell	<i>TRIM26</i>	TRUE	2.03598959
Prediabetes	epsilon_cell	<i>KLHL42</i>	TRUE	2.899904275
Prediabetes	epsilon_cell	<i>ANXA10</i>	TRUE	2.566863426
Prediabetes	epsilon_cell	<i>INTS8</i>	TRUE	2.516115338
Prediabetes	epsilon_cell	<i>ZNF792</i>	TRUE	2.426319751
Prediabetes	epsilon_cell	<i>MANEA</i>	TRUE	2.42184425
Prediabetes	epsilon_cell	<i>TELO2</i>	TRUE	2.214667842
Prediabetes	epsilon_cell	<i>DCAF4</i>	TRUE	2.204217637
Prediabetes	epsilon_cell	<i>TRIM66</i>	TRUE	2.146987098
Prediabetes	epsilon_cell	<i>NFYA</i>	TRUE	2.141281135
Prediabetes	epsilon_cell	<i>NBR2</i>	TRUE	2.129865514
Prediabetes	epsilon_cell	<i>OR52N4</i>	TRUE	2.121211176
Prediabetes	epsilon_cell	<i>CDCA3</i>	TRUE	2.119891497
Prediabetes	epsilon_cell	<i>CCDC115</i>	TRUE	2.045842205
Prediabetes	epsilon_cell	<i>MSL1</i>	TRUE	2.031691856
Prediabetes	epsilon_cell	<i>RFT1</i>	TRUE	2.001801334
Prediabetes	epsilon_cell	<i>SRP72</i>	TRUE	1.961258627
Prediabetes	leukocyte	<i>RGPD8</i>	TRUE	2.993410249
Prediabetes	leukocyte	<i>PEX2</i>	TRUE	2.91435121
Prediabetes	leukocyte	<i>STOX1</i>	TRUE	2.720493746
Prediabetes	leukocyte	<i>KLHL7</i>	TRUE	2.67335518
Prediabetes	leukocyte	<i>CLNK</i>	TRUE	2.530248997
Prediabetes	leukocyte	<i>LRPAP1</i>	TRUE	2.502124731
Prediabetes	leukocyte	<i>C20orf96</i>	TRUE	2.376534744
Prediabetes	leukocyte	<i>PRKAB1</i>	TRUE	2.357943909
Prediabetes	leukocyte	<i>ZNF415</i>	TRUE	2.182478716
Prediabetes	leukocyte	<i>TBC1D9B</i>	TRUE	2.106119277
Prediabetes	leukocyte	<i>SUSD2</i>	TRUE	2.040992948

Prediabetes	leukocyte	<i>PIWIL2</i>	TRUE	2.027924336
Prediabetes	leukocyte	<i>BTNL3</i>	TRUE	1.990427944
Prediabetes	mesenchymal_cell	<i>CIB4</i>	TRUE	3.01995157
Prediabetes	mesenchymal_cell	<i>ZNF154</i>	TRUE	2.623719231
Prediabetes	mesenchymal_cell	<i>TEX14</i>	TRUE	2.549303163
Prediabetes	mesenchymal_cell	<i>ITK</i>	TRUE	2.517101195
Prediabetes	mesenchymal_cell	<i>TCN2</i>	TRUE	2.498410084
Prediabetes	mesenchymal_cell	<i>LINC00205</i>	TRUE	2.462606009
Prediabetes	mesenchymal_cell	<i>NRBP2</i>	TRUE	2.405834283
Prediabetes	mesenchymal_cell	<i>ALOX12</i>	TRUE	2.258394896
Prediabetes	mesenchymal_cell	<i>APMAP</i>	TRUE	2.232143931
Prediabetes	mesenchymal_cell	<i>ST3GAL4</i>	TRUE	2.198706242
Prediabetes	mesenchymal_cell	<i>EML4</i>	TRUE	2.148135093
Prediabetes	mesenchymal_cell	<i>ANKRD30B</i>	TRUE	2.102356066
Prediabetes	mesenchymal_cell	<i>TMEM101</i>	TRUE	2.099276338
Prediabetes	mesenchymal_cell	<i>RSPH3</i>	TRUE	2.049935848
Prediabetes	mesenchymal_cell	<i>MAP3K10</i>	TRUE	2.037887413
Prediabetes	mesenchymal_cell	<i>PPIL3</i>	TRUE	2.014258075
Prediabetes	mesenchymal_cell	<i>PRCP</i>	TRUE	2.011745991
Prediabetes	mesenchymal_cell	<i>DIRC3</i>	TRUE	1.972479858
Prediabetes	mesenchymal_cell	<i>DSCAML1</i>	TRUE	1.972405956
Prediabetes	PP_cell	<i>MIS18BP1</i>	TRUE	2.245728796
Prediabetes	PP_cell	<i>BCKDHA</i>	TRUE	2.19469884
Prediabetes	PP_cell	<i>MRPL48</i>	TRUE	2.157511997
Prediabetes	PP_cell	<i>DSCAML1</i>	TRUE	2.154355294
Prediabetes	PP_cell	<i>KLRG1</i>	TRUE	2.078720743
Prediabetes	PP_cell	<i>DSCC1</i>	TRUE	2.078592457
Prediabetes	PP_cell	<i>PKNOX2</i>	TRUE	1.995248148
Prediabetes	PP_cell	<i>TMBIM4</i>	TRUE	1.983421037
Prediabetes	PP_cell	<i>CCDC116</i>	TRUE	1.975043644
T1DM	acinar_cell	<i>CWC22</i>	TRUE	2.770446308
T1DM	acinar_cell	<i>LEFTY2</i>	TRUE	2.603804395
T1DM	acinar_cell	<i>IGFN1</i>	TRUE	2.505456428
T1DM	acinar_cell	<i>PMS2</i>	TRUE	2.283628956
T1DM	acinar_cell	<i>AGAP9</i>	TRUE	2.255972111
T1DM	acinar_cell	<i>EVC2</i>	TRUE	2.119765764
T1DM	acinar_cell	<i>C10orf82</i>	TRUE	2.104717036
T1DM	acinar_cell	<i>PDHX</i>	TRUE	2.071167347
T1DM	acinar_cell	<i>DIRC3</i>	TRUE	2.033315268
T1DM	acinar_cell	<i>EXOSC6</i>	TRUE	1.994824798
T1DM	acinar_cell	<i>CEACAM19</i>	TRUE	1.984490074
T1DM	acinar_cell	<i>NIT1</i>	TRUE	1.971348375
T1DM	acinar_cell	<i>SH3BGR</i>	TRUE	1.966425696
T1DM	alpha_cell	<i>RSPH3</i>	TRUE	3.882689548

T1DM	alpha_cell	<i>ALAD</i>	TRUE	2.908917198
T1DM	alpha_cell	<i>APMAP</i>	TRUE	2.680196743
T1DM	alpha_cell	<i>CCDC113</i>	TRUE	2.475242014
T1DM	alpha_cell	<i>PPIE</i>	TRUE	2.434648327
T1DM	alpha_cell	<i>RACGAP1</i>	TRUE	2.355580052
T1DM	alpha_cell	<i>SRP72</i>	TRUE	2.239541303
T1DM	alpha_cell	<i>CNTROB</i>	TRUE	2.203188513
T1DM	alpha_cell	<i>CD38</i>	TRUE	2.152916672
T1DM	alpha_cell	<i>ZNF143</i>	TRUE	2.138512451
T1DM	alpha_cell	<i>BLOC1S2</i>	TRUE	2.086962949
T1DM	alpha_cell	<i>SPDYE6</i>	TRUE	2.078357955
T1DM	alpha_cell	<i>POLM</i>	TRUE	2.040765731
T1DM	alpha_cell	<i>CLPSL1</i>	TRUE	2.017515024
T1DM	alpha_cell	<i>MSL1</i>	TRUE	1.98373972
T1DM	alpha_cell	<i>ANAPC13</i>	TRUE	1.960441374
T1DM	beta_cell	<i>SPINK5</i>	TRUE	3.63624559
T1DM	beta_cell	<i>MKRN2</i>	TRUE	2.742075493
T1DM	beta_cell	<i>GATAD1</i>	TRUE	2.522486233
T1DM	beta_cell	<i>EIF2AK1</i>	TRUE	2.520319755
T1DM	beta_cell	<i>DUSP19</i>	TRUE	2.454457281
T1DM	beta_cell	<i>TRIM26</i>	TRUE	2.387633861
T1DM	beta_cell	<i>AVIL</i>	TRUE	2.209091984
T1DM	beta_cell	<i>C12orf71</i>	TRUE	2.159853988
T1DM	beta_cell	<i>CXCL6</i>	TRUE	2.134235825
T1DM	beta_cell	<i>PABPC4L</i>	TRUE	2.111434755
T1DM	beta_cell	<i>C10orf82</i>	TRUE	2.101703931
T1DM	beta_cell	<i>MCM8</i>	TRUE	2.085046198
T1DM	beta_cell	<i>NME4</i>	TRUE	2.084470636
T1DM	beta_cell	<i>XCL2</i>	TRUE	2.081574521
T1DM	beta_cell	<i>ALG1L</i>	TRUE	2.079993288
T1DM	beta_cell	<i>CAST</i>	TRUE	2.077359368
T1DM	beta_cell	<i>IL2RA</i>	TRUE	1.985801122
T1DM	beta_cell	<i>ZDHHC7</i>	TRUE	1.971430985
T1DM	beta_cell	<i>TMEM50B</i>	TRUE	1.961200045
T1DM	beta_cell	<i>WIPI1</i>	TRUE	1.961111151
T1DM	delta_cell	<i>PSMD2</i>	TRUE	2.453744068
T1DM	delta_cell	<i>TXNL4B</i>	TRUE	2.403716125
T1DM	delta_cell	<i>PRELID1</i>	TRUE	2.394541342
T1DM	delta_cell	<i>CBLC</i>	TRUE	2.252103858
T1DM	delta_cell	<i>SAMD9L</i>	TRUE	2.249995485
T1DM	delta_cell	<i>FAM228B</i>	TRUE	2.206654342
T1DM	delta_cell	<i>ZNF425</i>	TRUE	2.189073656
T1DM	delta_cell	<i>SNAPC4</i>	TRUE	2.145885049
T1DM	delta_cell	<i>LINC01123</i>	TRUE	2.131357254

T1DM	delta_cell	<i>RPN1</i>	TRUE	2.104167896
T1DM	delta_cell	<i>WDR18</i>	TRUE	2.076714121
T1DM	delta_cell	<i>TMC8</i>	TRUE	2.070096381
T1DM	delta_cell	<i>LMF2</i>	TRUE	2.065303984
T1DM	delta_cell	<i>IKZF4</i>	TRUE	2.016078692
T1DM	delta_cell	<i>INTS8</i>	TRUE	1.978129768
T1DM	duct_epithelial_cell	<i>TTC4</i>	TRUE	2.720497928
T1DM	duct_epithelial_cell	<i>PUS1</i>	TRUE	2.585704166
T1DM	duct_epithelial_cell	<i>NSMCE4A</i>	TRUE	2.500349262
T1DM	duct_epithelial_cell	<i>CDK5RAP3</i>	TRUE	2.478692529
T1DM	duct_epithelial_cell	<i>WSCD2</i>	TRUE	2.430883665
T1DM	duct_epithelial_cell	<i>LRRC39</i>	TRUE	2.415906989
T1DM	duct_epithelial_cell	<i>PARD6A</i>	TRUE	2.40735869
T1DM	duct_epithelial_cell	<i>SVIL</i>	TRUE	2.392244744
T1DM	duct_epithelial_cell	<i>SLC51A</i>	TRUE	2.338575935
T1DM	duct_epithelial_cell	<i>DCAF4</i>	TRUE	2.284470269
T1DM	duct_epithelial_cell	<i>SMN2</i>	TRUE	2.263124922
T1DM	duct_epithelial_cell	<i>TLL2</i>	TRUE	2.178051678
T1DM	duct_epithelial_cell	<i>TMEM101</i>	TRUE	2.174521176
T1DM	duct_epithelial_cell	<i>GLB1L2</i>	TRUE	2.152265342
T1DM	duct_epithelial_cell	<i>DFFB</i>	TRUE	2.140113996
T1DM	duct_epithelial_cell	<i>BIK</i>	TRUE	2.091630135
T1DM	duct_epithelial_cell	<i>RFT1</i>	TRUE	2.039225487
T1DM	duct_epithelial_cell	<i>BCAT1</i>	TRUE	1.987979561
T1DM	duct_epithelial_cell	<i>ST7L</i>	TRUE	1.97600327
T1DM	endothelial_cell	<i>MLLT10</i>	TRUE	2.929796484
T1DM	endothelial_cell	<i>SIRT4</i>	TRUE	2.669657695
T1DM	endothelial_cell	<i>HSD17B12</i>	TRUE	2.481310515
T1DM	endothelial_cell	<i>CALML6</i>	TRUE	2.323842137
T1DM	endothelial_cell	<i>SFTPD</i>	TRUE	2.199368818
T1DM	endothelial_cell	<i>RIMBP2</i>	TRUE	2.192949888
T1DM	endothelial_cell	<i>CDC42EP4</i>	TRUE	2.189304463
T1DM	endothelial_cell	<i>ZNF583</i>	TRUE	2.184868471
T1DM	endothelial_cell	<i>DNASE1</i>	TRUE	2.168288433
T1DM	endothelial_cell	<i>MMPI1</i>	TRUE	2.135127767
T1DM	endothelial_cell	<i>C5</i>	TRUE	2.129021624
T1DM	endothelial_cell	<i>C1orf112</i>	TRUE	2.09570883
T1DM	endothelial_cell	<i>INVS</i>	TRUE	2.081852373
T1DM	endothelial_cell	<i>ARHGAP15</i>	TRUE	2.048176066
T1DM	endothelial_cell	<i>GGH</i>	TRUE	2.04347988
T1DM	endothelial_cell	<i>NBR2</i>	TRUE	2.034903258
T1DM	endothelial_cell	<i>MAEA</i>	TRUE	1.970729564
T1DM	endothelial_cell	<i>LAYN</i>	TRUE	1.96798028
T1DM	endothelial_cell	<i>AMH</i>	TRUE	1.967701549

T1DM	epsilon_cell	<i>CDC43</i>	TRUE	2.930961782
T1DM	epsilon_cell	<i>IMPA1</i>	TRUE	2.707671966
T1DM	epsilon_cell	<i>RBM6</i>	TRUE	2.457449803
T1DM	epsilon_cell	<i>MTMR11</i>	TRUE	2.340768633
T1DM	epsilon_cell	<i>LINGO4</i>	TRUE	2.135157499
T1DM	epsilon_cell	<i>MRPL47</i>	TRUE	2.118549054
T1DM	epsilon_cell	<i>LYNX1</i>	TRUE	2.108660834
T1DM	epsilon_cell	<i>CCDC124</i>	TRUE	2.107605167
T1DM	epsilon_cell	<i>B3GALT1</i>	TRUE	2.103609966
T1DM	epsilon_cell	<i>CRISP2</i>	TRUE	2.101716592
T1DM	epsilon_cell	<i>PRR12</i>	TRUE	2.04767573
T1DM	epsilon_cell	<i>THBS3</i>	TRUE	2.037838437
T1DM	epsilon_cell	<i>SLC25A41</i>	TRUE	2.01530255
T1DM	epsilon_cell	<i>DNASE1</i>	TRUE	1.988476521
T1DM	epsilon_cell	<i>CDK5RAP3</i>	TRUE	1.986779005
T1DM	epsilon_cell	<i>CTAGE8</i>	TRUE	1.986724968
T1DM	epsilon_cell	<i>ZNF131</i>	TRUE	1.971413793
T1DM	leukocyte	<i>OR7D2</i>	TRUE	3.095709506
T1DM	leukocyte	<i>TTC27</i>	TRUE	2.943984421
T1DM	leukocyte	<i>GLB1L2</i>	TRUE	2.575702336
T1DM	leukocyte	<i>CRHR2</i>	TRUE	2.460855176
T1DM	leukocyte	<i>RGS3</i>	TRUE	2.361931777
T1DM	leukocyte	<i>RAB20</i>	TRUE	2.279642449
T1DM	leukocyte	<i>VAMP3</i>	TRUE	2.155554371
T1DM	leukocyte	<i>HEATR6</i>	TRUE	2.145948653
T1DM	leukocyte	<i>MAEA</i>	TRUE	2.131793566
T1DM	leukocyte	<i>NDUFA6</i>	TRUE	2.08936832
T1DM	leukocyte	<i>ATP6V1D</i>	TRUE	2.058686237
T1DM	leukocyte	<i>NEK4</i>	TRUE	2.018449308
T1DM	leukocyte	<i>WASF1</i>	TRUE	1.981018525
T1DM	mesenchymal_cell	<i>BMP1</i>	TRUE	2.81799799
T1DM	mesenchymal_cell	<i>QPCTL</i>	TRUE	2.714546791
T1DM	mesenchymal_cell	<i>GIPC2</i>	TRUE	2.614206923
T1DM	mesenchymal_cell	<i>HSD17B8</i>	TRUE	2.467503639
T1DM	mesenchymal_cell	<i>C1orf112</i>	TRUE	2.32316442
T1DM	mesenchymal_cell	<i>PRICKLE2</i>	TRUE	2.241104467
T1DM	mesenchymal_cell	<i>LNXI</i>	TRUE	2.236178013
T1DM	mesenchymal_cell	<i>COX8A</i>	TRUE	2.209345999
T1DM	mesenchymal_cell	<i>TTC4</i>	TRUE	2.170211325
T1DM	mesenchymal_cell	<i>DBNDD1</i>	TRUE	2.165214487
T1DM	mesenchymal_cell	<i>C4BPB</i>	TRUE	2.150208129
T1DM	mesenchymal_cell	<i>GPR150</i>	TRUE	2.108010347
T1DM	mesenchymal_cell	<i>ZNF550</i>	TRUE	2.084347916
T1DM	mesenchymal_cell	<i>UPK3B</i>	TRUE	2.050272874

T1DM	mesenchymal_cell	<i>CALHM2</i>	TRUE	2.048957219
T1DM	mesenchymal_cell	<i>THBS3</i>	TRUE	2.01684111
T1DM	mesenchymal_cell	<i>KLHL3</i>	TRUE	2.012443253
T1DM	mesenchymal_cell	<i>LCN2</i>	TRUE	2.00102731
T1DM	mesenchymal_cell	<i>MSX1</i>	TRUE	1.986628388
T1DM	PP_cell	<i>ATP6V1D</i>	TRUE	2.473657128
T1DM	PP_cell	<i>DDX55</i>	TRUE	2.325319895
T1DM	PP_cell	<i>PDHX</i>	TRUE	2.305647931
T1DM	PP_cell	<i>MZT2A</i>	TRUE	2.264870709
T1DM	PP_cell	<i>DPP3</i>	TRUE	2.193251198
T1DM	PP_cell	<i>STX1B</i>	TRUE	2.191409181
T1DM	PP_cell	<i>ZNF827</i>	TRUE	2.098104203
T1DM	PP_cell	<i>COX5B</i>	TRUE	2.062641421
T1DM	PP_cell	<i>C1RL</i>	TRUE	1.970811842
T2DM	acinar_cell	<i>LEFTY2</i>	TRUE	3.203751665
T2DM	acinar_cell	<i>UNC45A</i>	TRUE	3.140059878
T2DM	acinar_cell	<i>TRPM4</i>	TRUE	2.72324873
T2DM	acinar_cell	<i>EPS8L1</i>	TRUE	2.431164594
T2DM	acinar_cell	<i>FUT9</i>	TRUE	2.413209554
T2DM	acinar_cell	<i>PARP10</i>	TRUE	2.28647951
T2DM	acinar_cell	<i>INO80E</i>	TRUE	2.24178927
T2DM	acinar_cell	<i>HID1</i>	TRUE	2.233387075
T2DM	acinar_cell	<i>NT5DC3</i>	TRUE	2.219506502
T2DM	acinar_cell	<i>CHAD</i>	TRUE	2.198835066
T2DM	acinar_cell	<i>C19orf48</i>	TRUE	2.19672613
T2DM	acinar_cell	<i>TIGD1</i>	TRUE	2.188580358
T2DM	acinar_cell	<i>HIBCH</i>	TRUE	2.150048684
T2DM	acinar_cell	<i>YIF1A</i>	TRUE	2.101986921
T2DM	acinar_cell	<i>NGB</i>	TRUE	2.086812826
T2DM	acinar_cell	<i>ORC1</i>	TRUE	2.077526496
T2DM	acinar_cell	<i>PARD6B</i>	TRUE	2.026954287
T2DM	acinar_cell	<i>MUC4</i>	TRUE	1.974997738
T2DM	alpha_cell	<i>EPHB2</i>	TRUE	3.021136732
T2DM	alpha_cell	<i>VIPR1</i>	TRUE	2.502720238
T2DM	alpha_cell	<i>POLM</i>	TRUE	2.402208376
T2DM	alpha_cell	<i>SLFN12</i>	TRUE	2.396959652
T2DM	alpha_cell	<i>MAP6D1</i>	TRUE	2.284237762
T2DM	alpha_cell	<i>ABRACL</i>	TRUE	2.207254929
T2DM	alpha_cell	<i>BNIP1</i>	TRUE	2.168686838
T2DM	alpha_cell	<i>TSPYL5</i>	TRUE	2.097317336
T2DM	alpha_cell	<i>NALCN</i>	TRUE	2.081839684
T2DM	beta_cell	<i>DOK3</i>	TRUE	2.853633032
T2DM	beta_cell	<i>PAOX</i>	TRUE	2.596201771
T2DM	beta_cell	<i>CPNE1</i>	TRUE	2.504229222

T2DM	beta_cell	<i>LIMS3</i>	TRUE	2.391051508
T2DM	beta_cell	<i>POU2F3</i>	TRUE	2.360224439
T2DM	beta_cell	<i>RPRML</i>	TRUE	2.332284396
T2DM	beta_cell	<i>PPP2R1A</i>	TRUE	2.323467971
T2DM	beta_cell	<i>IFT122</i>	TRUE	2.30509539
T2DM	beta_cell	<i>RSL24D1</i>	TRUE	2.26722902
T2DM	beta_cell	<i>SNAPC4</i>	TRUE	2.224316671
T2DM	beta_cell	<i>NAA38</i>	TRUE	2.131375508
T2DM	beta_cell	<i>CILP2</i>	TRUE	2.11946543
T2DM	beta_cell	<i>QRFP</i>	TRUE	2.102577289
T2DM	beta_cell	<i>AQP12B</i>	TRUE	2.09772542
T2DM	beta_cell	<i>ZFP82</i>	TRUE	2.076843786
T2DM	beta_cell	<i>CEP68</i>	TRUE	2.075376237
T2DM	beta_cell	<i>ERN1</i>	TRUE	2.074535881
T2DM	beta_cell	<i>TIGD1</i>	TRUE	2.065291867
T2DM	beta_cell	<i>LEFTY1</i>	TRUE	2.009855944
T2DM	beta_cell	<i>PEX5</i>	TRUE	1.999627057
T2DM	beta_cell	<i>ACAD9</i>	TRUE	1.974175663
T2DM	delta_cell	<i>PCDHB8</i>	TRUE	2.956704244
T2DM	delta_cell	<i>MYRFL</i>	TRUE	2.522597772
T2DM	delta_cell	<i>HTR1F</i>	TRUE	2.514348023
T2DM	delta_cell	<i>LYNX1</i>	TRUE	2.455457811
T2DM	delta_cell	<i>TXNL4B</i>	TRUE	2.379007782
T2DM	delta_cell	<i>PLA2R1</i>	TRUE	2.29873563
T2DM	delta_cell	<i>EDEM3</i>	TRUE	2.20925453
T2DM	delta_cell	<i>AHI1</i>	TRUE	2.202198956
T2DM	delta_cell	<i>RSU1</i>	TRUE	2.18377505
T2DM	delta_cell	<i>KLKB1</i>	TRUE	2.113785948
T2DM	delta_cell	<i>INO80E</i>	TRUE	2.037576033
T2DM	duct_epithelial_cell	<i>APH1B</i>	TRUE	2.770657747
T2DM	duct_epithelial_cell	<i>UNC45A</i>	TRUE	2.639691792
T2DM	duct_epithelial_cell	<i>RALGAP42</i>	TRUE	2.564151357
T2DM	duct_epithelial_cell	<i>ATPAF2</i>	TRUE	2.486818454
T2DM	duct_epithelial_cell	<i>PIGB</i>	TRUE	2.41740872
T2DM	duct_epithelial_cell	<i>DPY19L2</i>	TRUE	2.364292775
T2DM	duct_epithelial_cell	<i>DCAF4</i>	TRUE	2.361081366
T2DM	duct_epithelial_cell	<i>XCL1</i>	TRUE	2.28801026
T2DM	duct_epithelial_cell	<i>ICAM3</i>	TRUE	2.275925278
T2DM	duct_epithelial_cell	<i>ZNF773</i>	TRUE	2.27264862
T2DM	duct_epithelial_cell	<i>MRPS9</i>	TRUE	2.1567847
T2DM	duct_epithelial_cell	<i>CPVL</i>	TRUE	2.08259043
T2DM	duct_epithelial_cell	<i>POU2F3</i>	TRUE	2.08153422
T2DM	duct_epithelial_cell	<i>TMEM70</i>	TRUE	2.071651183
T2DM	duct_epithelial_cell	<i>LURAP1</i>	TRUE	2.000006194

T2DM	duct_epithelial_cell	<i>SLC39A5</i>	TRUE	1.997411594
T2DM	endothelial_cell	<i>SAMD9L</i>	TRUE	3.185721851
T2DM	endothelial_cell	<i>ATP10B</i>	TRUE	2.977222362
T2DM	endothelial_cell	<i>SPDYE6</i>	TRUE	2.799599364
T2DM	endothelial_cell	<i>KIF16B</i>	TRUE	2.66182898
T2DM	endothelial_cell	<i>PSD3</i>	TRUE	2.539081059
T2DM	endothelial_cell	<i>TUBGCP4</i>	TRUE	2.538046193
T2DM	endothelial_cell	<i>LIPM</i>	TRUE	2.480009155
T2DM	endothelial_cell	<i>BNIP1</i>	TRUE	2.380540326
T2DM	endothelial_cell	<i>SLC35F5</i>	TRUE	2.378149021
T2DM	endothelial_cell	<i>VWA7</i>	TRUE	2.306772872
T2DM	endothelial_cell	<i>B3GALT1</i>	TRUE	2.280868594
T2DM	endothelial_cell	<i>TRIM16</i>	TRUE	2.257882995
T2DM	endothelial_cell	<i>DPYSL4</i>	TRUE	2.229752547
T2DM	endothelial_cell	<i>IGFNI</i>	TRUE	2.219042547
T2DM	endothelial_cell	<i>LMF2</i>	TRUE	2.205491171
T2DM	endothelial_cell	<i>INVS</i>	TRUE	2.205068048
T2DM	endothelial_cell	<i>PMS2</i>	TRUE	2.140076674
T2DM	endothelial_cell	<i>CXCL6</i>	TRUE	2.119740091
T2DM	endothelial_cell	<i>SEMA5B</i>	TRUE	2.102636477
T2DM	endothelial_cell	<i>SYCE1L</i>	TRUE	2.076978368
T2DM	endothelial_cell	<i>NECAP2</i>	TRUE	2.076140324
T2DM	endothelial_cell	<i>HSD17B12</i>	TRUE	2.070471794
T2DM	endothelial_cell	<i>E2F2</i>	TRUE	2.064966693
T2DM	endothelial_cell	<i>REV1</i>	TRUE	2.022293476
T2DM	endothelial_cell	<i>SPINK5</i>	TRUE	1.960763625
T2DM	epsilon_cell	<i>TMEM101</i>	TRUE	3.329243286
T2DM	epsilon_cell	<i>FTSJ3</i>	TRUE	2.771568293
T2DM	epsilon_cell	<i>CASP14</i>	TRUE	2.66312737
T2DM	epsilon_cell	<i>NPAS4</i>	TRUE	2.419327591
T2DM	epsilon_cell	<i>SERINC3</i>	TRUE	2.231498408
T2DM	epsilon_cell	<i>SLC5A11</i>	TRUE	2.217052443
T2DM	epsilon_cell	<i>USP45</i>	TRUE	2.201352238
T2DM	epsilon_cell	<i>PPIL3</i>	TRUE	2.188403392
T2DM	epsilon_cell	<i>RRP7A</i>	TRUE	2.155999891
T2DM	epsilon_cell	<i>ATP10B</i>	TRUE	2.08597114
T2DM	epsilon_cell	<i>MRS2</i>	TRUE	2.06184541
T2DM	epsilon_cell	<i>VPS9D1</i>	TRUE	2.059209015
T2DM	epsilon_cell	<i>ZNF177</i>	TRUE	2.033900178
T2DM	epsilon_cell	<i>CITED4</i>	TRUE	2.031993139
T2DM	epsilon_cell	<i>PRKAB1</i>	TRUE	1.961069661
T2DM	leukocyte	<i>GNPDA2</i>	TRUE	3.108996748
T2DM	leukocyte	<i>NDUFA6</i>	TRUE	3.000165775
T2DM	leukocyte	<i>ATAD3C</i>	TRUE	2.647392968

T2DM	leukocyte	<i>CCR5</i>	TRUE	2.459089454
T2DM	leukocyte	<i>RELL2</i>	TRUE	2.414453778
T2DM	leukocyte	<i>KLRG1</i>	TRUE	2.402354396
T2DM	leukocyte	<i>BIK</i>	TRUE	2.260387526
T2DM	leukocyte	<i>EHHADH</i>	TRUE	2.259470478
T2DM	leukocyte	<i>PRELID1</i>	TRUE	2.245066803
T2DM	leukocyte	<i>CCNG1</i>	TRUE	2.232167932
T2DM	leukocyte	<i>MYO6</i>	TRUE	2.171805987
T2DM	leukocyte	<i>ZNF607</i>	TRUE	2.14150076
T2DM	leukocyte	<i>PACRGL</i>	TRUE	2.117711137
T2DM	leukocyte	<i>TIGD1</i>	TRUE	2.105365935
T2DM	leukocyte	<i>CLCNKA</i>	TRUE	2.001564596
T2DM	mesenchymal_cell	<i>CIB4</i>	TRUE	3.036815285
T2DM	mesenchymal_cell	<i>SLFN12</i>	TRUE	2.659525089
T2DM	mesenchymal_cell	<i>BLOC1S2</i>	TRUE	2.563537623
T2DM	mesenchymal_cell	<i>MZT2A</i>	TRUE	2.430958266
T2DM	mesenchymal_cell	<i>CNTNAP2</i>	TRUE	2.429691582
T2DM	mesenchymal_cell	<i>INTS8</i>	TRUE	2.397199335
T2DM	mesenchymal_cell	<i>MAP3K10</i>	TRUE	2.365240727
T2DM	mesenchymal_cell	<i>CBLC</i>	TRUE	2.144614637
T2DM	mesenchymal_cell	<i>DCAF4</i>	TRUE	2.135020136
T2DM	mesenchymal_cell	<i>DTWD2</i>	TRUE	2.134997694
T2DM	mesenchymal_cell	<i>WDR74</i>	TRUE	2.126905274
T2DM	mesenchymal_cell	<i>MAPK13</i>	TRUE	2.043650999
T2DM	mesenchymal_cell	<i>RPN1</i>	TRUE	2.016828624
T2DM	mesenchymal_cell	<i>NUDT17</i>	TRUE	2.004106544
T2DM	mesenchymal_cell	<i>ACOT4</i>	TRUE	1.978683415
T2DM	mesenchymal_cell	<i>RPA3</i>	TRUE	1.977301392
T2DM	PP_cell	<i>NPAS4</i>	TRUE	2.945127514
T2DM	PP_cell	<i>INO80E</i>	TRUE	2.634022005
T2DM	PP_cell	<i>C8orf58</i>	TRUE	2.621102927
T2DM	PP_cell	<i>C16orf86</i>	TRUE	2.541979697
T2DM	PP_cell	<i>PRICKLE2</i>	TRUE	2.267708291
T2DM	PP_cell	<i>PPT2</i>	TRUE	2.241028038
T2DM	PP_cell	<i>OR52N4</i>	TRUE	2.229086255
T2DM	PP_cell	<i>SMPDL3B</i>	TRUE	2.203407719
T2DM	PP_cell	<i>GLP1R</i>	TRUE	2.124050253
T2DM	PP_cell	<i>ACHE</i>	TRUE	2.11058753
T2DM	PP_cell	<i>KIF6</i>	TRUE	2.088653194
T2DM	PP_cell	<i>CDH4</i>	TRUE	2.062873716
T2DM	PP_cell	<i>CCDC149</i>	TRUE	2.061107117
T2DM	PP_cell	<i>THBS3</i>	TRUE	2.058265059
T2DM	PP_cell	<i>DOK3</i>	TRUE	2.050477148
T2DM	PP_cell	<i>MTMR11</i>	TRUE	2.034731804

T2DM	PP_cell	<i>SYCE1L</i>	TRUE	2.022976918
T2DM	PP_cell	<i>IL11RA</i>	TRUE	1.975769824
T2DM	PP_cell	<i>PRR12</i>	TRUE	1.967255375
T2DM_admission	acinar_cell	<i>TRPM4</i>	TRUE	3.442157777
T2DM_admission	acinar_cell	<i>MRPL47</i>	TRUE	2.848821986
T2DM_admission	acinar_cell	<i>UNC45A</i>	TRUE	2.738000207
T2DM_admission	acinar_cell	<i>SLC8B1</i>	TRUE	2.623182483
T2DM_admission	acinar_cell	<i>GULP1</i>	TRUE	2.609614054
T2DM_admission	acinar_cell	<i>CDK3</i>	TRUE	2.498735207
T2DM_admission	acinar_cell	<i>LEFTY2</i>	TRUE	2.458247413
T2DM_admission	acinar_cell	<i>P4HA2</i>	TRUE	2.420455741
T2DM_admission	acinar_cell	<i>CNTNAP1</i>	TRUE	2.297925248
T2DM_admission	acinar_cell	<i>OXCT2</i>	TRUE	2.29255261
T2DM_admission	acinar_cell	<i>CEACAM19</i>	TRUE	2.270724516
T2DM_admission	acinar_cell	<i>GNG5</i>	TRUE	2.266921328
T2DM_admission	acinar_cell	<i>ZNF678</i>	TRUE	2.257287809
T2DM_admission	acinar_cell	<i>GNPDA2</i>	TRUE	2.233127144
T2DM_admission	acinar_cell	<i>FUT9</i>	TRUE	2.199963
T2DM_admission	acinar_cell	<i>UBAP1L</i>	TRUE	2.189078949
T2DM_admission	acinar_cell	<i>GALR3</i>	TRUE	2.183508891
T2DM_admission	acinar_cell	<i>AFTPH</i>	TRUE	2.147713749
T2DM_admission	acinar_cell	<i>ATPAF2</i>	TRUE	2.110032671
T2DM_admission	acinar_cell	<i>ZNF211</i>	TRUE	2.088531619
T2DM_admission	acinar_cell	<i>NGB</i>	TRUE	2.074573762
T2DM_admission	acinar_cell	<i>LZTR1</i>	TRUE	2.072469488
T2DM_admission	acinar_cell	<i>RSPO4</i>	TRUE	2.070376211
T2DM_admission	acinar_cell	<i>ORC1</i>	TRUE	2.027739274
T2DM_admission	acinar_cell	<i>PPP2R5E</i>	TRUE	2.024173696
T2DM_admission	acinar_cell	<i>EPS8L1</i>	TRUE	2.017033708
T2DM_admission	acinar_cell	<i>PARD6B</i>	TRUE	2.000630741
T2DM_admission	acinar_cell	<i>PSG5</i>	TRUE	1.99994471
T2DM_admission	acinar_cell	<i>CLUL1</i>	TRUE	1.999656743
T2DM_admission	acinar_cell	<i>ADAT2</i>	TRUE	1.995164427
T2DM_admission	acinar_cell	<i>KRT4</i>	TRUE	1.988454599
T2DM_admission	acinar_cell	<i>LINC00960</i>	TRUE	1.986262073
T2DM_admission	acinar_cell	<i>PEX2</i>	TRUE	1.9835256
T2DM_admission	acinar_cell	<i>TIGD1</i>	TRUE	1.969608569
T2DM_admission	alpha_cell	<i>EPHB2</i>	TRUE	3.179776062
T2DM_admission	alpha_cell	<i>P4HA2</i>	TRUE	3.137005519
T2DM_admission	alpha_cell	<i>GALC</i>	TRUE	2.840584157
T2DM_admission	alpha_cell	<i>VIPR1</i>	TRUE	2.806861563
T2DM_admission	alpha_cell	<i>ALG1L</i>	TRUE	2.418205126
T2DM_admission	alpha_cell	<i>PCBD1</i>	TRUE	2.352547947
T2DM_admission	alpha_cell	<i>TSPYL5</i>	TRUE	2.288224818

T2DM_admission alpha_cell	<i>TDRD10</i>	TRUE	2.286508668
T2DM_admission alpha_cell	<i>VPS29</i>	TRUE	2.210420302
T2DM_admission alpha_cell	<i>DNLZ</i>	TRUE	2.150160078
T2DM_admission alpha_cell	<i>NUAK2</i>	TRUE	2.115245661
T2DM_admission alpha_cell	<i>MAP6D1</i>	TRUE	2.092872093
T2DM_admission alpha_cell	<i>NNT</i>	TRUE	2.090428006
T2DM_admission alpha_cell	<i>ARHGDIG</i>	TRUE	2.056102566
T2DM_admission alpha_cell	<i>UBE2U</i>	TRUE	2.043380137
T2DM_admission alpha_cell	<i>NPY</i>	TRUE	2.032701655
T2DM_admission alpha_cell	<i>CCDC15</i>	TRUE	2.010114793
T2DM_admission alpha_cell	<i>GPR88</i>	TRUE	2.005024136
T2DM_admission alpha_cell	<i>TMEM184A</i>	TRUE	1.960689261
T2DM_admission beta_cell	<i>GNG5</i>	TRUE	3.996630754
T2DM_admission beta_cell	<i>PAOX</i>	TRUE	3.266450816
T2DM_admission beta_cell	<i>DOK3</i>	TRUE	2.788432519
T2DM_admission beta_cell	<i>RNF175</i>	TRUE	2.737897826
T2DM_admission beta_cell	<i>TRIP6</i>	TRUE	2.50148504
T2DM_admission beta_cell	<i>PPP2R1A</i>	TRUE	2.497761538
T2DM_admission beta_cell	<i>CPNE1</i>	TRUE	2.45221716
T2DM_admission beta_cell	<i>PROB1</i>	TRUE	2.430702053
T2DM_admission beta_cell	<i>MIOX</i>	TRUE	2.340283661
T2DM_admission beta_cell	<i>VILL</i>	TRUE	2.308318817
T2DM_admission beta_cell	<i>CILP2</i>	TRUE	2.299535372
T2DM_admission beta_cell	<i>CHPT1</i>	TRUE	2.287379447
T2DM_admission beta_cell	<i>C8orf58</i>	TRUE	2.267965526
T2DM_admission beta_cell	<i>GLB1L2</i>	TRUE	2.256895333
T2DM_admission beta_cell	<i>CPSF3</i>	TRUE	2.24186981
T2DM_admission beta_cell	<i>QRFP</i>	TRUE	2.240374257
T2DM_admission beta_cell	<i>CCHCR1</i>	TRUE	2.235762513
T2DM_admission beta_cell	<i>SNAPC4</i>	TRUE	2.232699002
T2DM_admission beta_cell	<i>AQP12B</i>	TRUE	2.225006783
T2DM_admission beta_cell	<i>QPCTL</i>	TRUE	2.204085946
T2DM_admission beta_cell	<i>CPVL</i>	TRUE	2.175687565
T2DM_admission beta_cell	<i>CLNK</i>	TRUE	2.172111675
T2DM_admission beta_cell	<i>VATIL</i>	TRUE	2.158471244
T2DM_admission beta_cell	<i>ZFP82</i>	TRUE	2.142585503
T2DM_admission beta_cell	<i>AKT1</i>	TRUE	2.119870718
T2DM_admission beta_cell	<i>ANKRD30B</i>	TRUE	2.072572463
T2DM_admission beta_cell	<i>VPS9D1</i>	TRUE	2.042020141
T2DM_admission beta_cell	<i>AQP11</i>	TRUE	1.993428816
T2DM_admission delta_cell	<i>INO80E</i>	TRUE	2.897835525
T2DM_admission delta_cell	<i>FGF10</i>	TRUE	2.70644159
T2DM_admission delta_cell	<i>DSCAML1</i>	TRUE	2.688454688
T2DM_admission delta_cell	<i>TSSK4</i>	TRUE	2.641065785

T2DM_admission delta_cell	<i>MYRFL</i>	TRUE	2.562365918
T2DM_admission delta_cell	<i>DOK3</i>	TRUE	2.536212693
T2DM_admission delta_cell	<i>WASF1</i>	TRUE	2.49217346
T2DM_admission delta_cell	<i>APOA5</i>	TRUE	2.412545045
T2DM_admission delta_cell	<i>SFXN2</i>	TRUE	2.394273026
T2DM_admission delta_cell	<i>RSU1</i>	TRUE	2.283598334
T2DM_admission delta_cell	<i>WASF3</i>	TRUE	2.278351187
T2DM_admission delta_cell	<i>PLA2R1</i>	TRUE	2.227386687
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T2DM_admission delta_cell	<i>DACT2</i>	TRUE	2.168931997
T2DM_admission delta_cell	<i>TREH</i>	TRUE	2.125208359
T2DM_admission delta_cell	<i>BCO2</i>	TRUE	2.116474076
T2DM_admission delta_cell	<i>TCTN2</i>	TRUE	2.110309782
T2DM_admission delta_cell	<i>TIPIN</i>	TRUE	2.101193735
T2DM_admission delta_cell	<i>ALDH1B1</i>	TRUE	2.086060246
T2DM_admission delta_cell	<i>ANKRD30B</i>	TRUE	2.075864242
T2DM_admission delta_cell	<i>LINC00663</i>	TRUE	2.065149623
T2DM_admission delta_cell	<i>DMXL1</i>	TRUE	2.059836206
T2DM_admission delta_cell	<i>PROZ</i>	TRUE	2.058797732
T2DM_admission delta_cell	<i>BRWD1</i>	TRUE	2.058132466
T2DM_admission delta_cell	<i>KIF6</i>	TRUE	2.045607087
T2DM_admission delta_cell	<i>PCDHB8</i>	TRUE	2.037039515
T2DM_admission delta_cell	<i>SCAPER</i>	TRUE	2.030072035
T2DM_admission delta_cell	<i>LRRC39</i>	TRUE	2.024393457
T2DM_admission delta_cell	<i>GRK4</i>	TRUE	2.023707331
T2DM_admission delta_cell	<i>DUOX1</i>	TRUE	1.987043071
T2DM_admission duct_epithelial_cell	<i>CEBPD</i>	TRUE	6.388744091
T2DM_admission duct_epithelial_cell	<i>ATPAF2</i>	TRUE	3.286384939
T2DM_admission duct_epithelial_cell	<i>DPY19L2</i>	TRUE	2.942520929
T2DM_admission duct_epithelial_cell	<i>SNAI2</i>	TRUE	2.682395776
T2DM_admission duct_epithelial_cell	<i>PAAF1</i>	TRUE	2.570455952
T2DM_admission duct_epithelial_cell	<i>CEBPD</i>	TRUE	2.528830325
T2DM_admission duct_epithelial_cell	<i>XCL1</i>	TRUE	2.495993611
T2DM_admission duct_epithelial_cell	<i>GPR180</i>	TRUE	2.400503788
T2DM_admission duct_epithelial_cell	<i>TMCO6</i>	TRUE	2.349973423
T2DM_admission duct_epithelial_cell	<i>ZNF773</i>	TRUE	2.343529215
T2DM_admission duct_epithelial_cell	<i>TMEM70</i>	TRUE	2.319387727
T2DM_admission duct_epithelial_cell	<i>HSF2BP</i>	TRUE	2.314201838
T2DM_admission duct_epithelial_cell	<i>IL2RA</i>	TRUE	2.257021779
T2DM_admission duct_epithelial_cell	<i>NPR3</i>	TRUE	2.246269165
T2DM_admission duct_epithelial_cell	<i>SLC39A5</i>	TRUE	2.228784851
T2DM_admission duct_epithelial_cell	<i>CHURC1</i>	TRUE	2.208058663
T2DM_admission duct_epithelial_cell	<i>HAUS1</i>	TRUE	2.203958976
T2DM_admission duct_epithelial_cell	<i>CEACAM19</i>	TRUE	2.14828101

T2DM_admission	duct_epithelial_cell	<i>ICAM3</i>	TRUE	2.120233753
T2DM_admission	duct_epithelial_cell	<i>PIGB</i>	TRUE	2.098102844
T2DM_admission	duct_epithelial_cell	<i>RALGAP42</i>	TRUE	2.060492184
T2DM_admission	duct_epithelial_cell	<i>ST7L</i>	TRUE	2.055856964
T2DM_admission	duct_epithelial_cell	<i>APH1B</i>	TRUE	2.03592399
T2DM_admission	duct_epithelial_cell	<i>LEFTY2</i>	TRUE	2.02640233
T2DM_admission	duct_epithelial_cell	<i>RAB6B</i>	TRUE	2.012762793
T2DM_admission	duct_epithelial_cell	<i>RDH5</i>	TRUE	1.987175639
T2DM_admission	duct_epithelial_cell	<i>SVIL</i>	TRUE	1.98284959
T2DM_admission	endothelial_cell	<i>SAMD9L</i>	TRUE	2.855589206
T2DM_admission	endothelial_cell	<i>HSD17B12</i>	TRUE	2.841341373
T2DM_admission	endothelial_cell	<i>TADA2A</i>	TRUE	2.674011591
T2DM_admission	endothelial_cell	<i>IGSF9B</i>	TRUE	2.572488884
T2DM_admission	endothelial_cell	<i>TRIM16</i>	TRUE	2.513999743
T2DM_admission	endothelial_cell	<i>VWA7</i>	TRUE	2.503800247
T2DM_admission	endothelial_cell	<i>PIGB</i>	TRUE	2.476853456
T2DM_admission	endothelial_cell	<i>MVB12B</i>	TRUE	2.462083513
T2DM_admission	endothelial_cell	<i>ZNF804B</i>	TRUE	2.399434372
T2DM_admission	endothelial_cell	<i>KIF16B</i>	TRUE	2.38232296
T2DM_admission	endothelial_cell	<i>LINC00205</i>	TRUE	2.356399434
T2DM_admission	endothelial_cell	<i>SEMA5B</i>	TRUE	2.307761431
T2DM_admission	endothelial_cell	<i>ZHX2</i>	TRUE	2.29481376
T2DM_admission	endothelial_cell	<i>GAA</i>	TRUE	2.261196798
T2DM_admission	endothelial_cell	<i>DIRC3</i>	TRUE	2.254963932
T2DM_admission	endothelial_cell	<i>SPDYE6</i>	TRUE	2.254146712
T2DM_admission	endothelial_cell	<i>SLC2A1</i>	TRUE	2.179079974
T2DM_admission	endothelial_cell	<i>PAOX</i>	TRUE	2.17056767
T2DM_admission	endothelial_cell	<i>BNIP1</i>	TRUE	2.169707154
T2DM_admission	endothelial_cell	<i>MARVELD3</i>	TRUE	2.166016334
T2DM_admission	endothelial_cell	<i>IGFNI</i>	TRUE	2.1554656
T2DM_admission	endothelial_cell	<i>CLEC12A</i>	TRUE	2.14520535
T2DM_admission	endothelial_cell	<i>MCM8</i>	TRUE	2.113105528
T2DM_admission	endothelial_cell	<i>RGPD8</i>	TRUE	2.055799985
T2DM_admission	endothelial_cell	<i>DPYSL4</i>	TRUE	2.046359515
T2DM_admission	endothelial_cell	<i>LMF2</i>	TRUE	2.034951377
T2DM_admission	epsilon_cell	<i>TMEM101</i>	TRUE	2.713142623
T2DM_admission	epsilon_cell	<i>SPINK5</i>	TRUE	2.559386997
T2DM_admission	epsilon_cell	<i>C7orf25</i>	TRUE	2.437884048
T2DM_admission	epsilon_cell	<i>ZNF177</i>	TRUE	2.293343978
T2DM_admission	epsilon_cell	<i>BIN1</i>	TRUE	2.285742064
T2DM_admission	epsilon_cell	<i>PPIL3</i>	TRUE	2.213074165
T2DM_admission	epsilon_cell	<i>SULT1A2</i>	TRUE	2.204593235
T2DM_admission	epsilon_cell	<i>LINC00667</i>	TRUE	2.157390687
T2DM_admission	epsilon_cell	<i>NME6</i>	TRUE	2.132625274

T2DM_admission_epsilon_cell	<i>RRP7A</i>	TRUE	2.114719363
T2DM_admission_epsilon_cell	<i>CCDC69</i>	TRUE	2.106040523
T2DM_admission_epsilon_cell	<i>FUT9</i>	TRUE	2.087199352
T2DM_admission_epsilon_cell	<i>SIRT4</i>	TRUE	2.08052859
T2DM_admission_epsilon_cell	<i>VPS9D1</i>	TRUE	2.073457922
T2DM_admission_epsilon_cell	<i>PVALB</i>	TRUE	2.062304562
T2DM_admission_epsilon_cell	<i>FTSJ3</i>	TRUE	2.03944445
T2DM_admission_epsilon_cell	<i>DRAM2</i>	TRUE	2.039262327
T2DM_admission_epsilon_cell	<i>ISM1</i>	TRUE	2.035839794
T2DM_admission_epsilon_cell	<i>CITED4</i>	TRUE	2.000151542
T2DM_admission_epsilon_cell	<i>CER1</i>	TRUE	1.989053158
T2DM_admission_epsilon_cell	<i>ING2</i>	TRUE	1.972250315
T2DM_admission_leukocyte	<i>GNPDA2</i>	TRUE	3.281297961
T2DM_admission_leukocyte	<i>MLLT10</i>	TRUE	3.090340661
T2DM_admission_leukocyte	<i>ATAD3C</i>	TRUE	2.791016815
T2DM_admission_leukocyte	<i>CCR5</i>	TRUE	2.659080135
T2DM_admission_leukocyte	<i>IGFN1</i>	TRUE	2.621494335
T2DM_admission_leukocyte	<i>STEAP2</i>	TRUE	2.539860158
T2DM_admission_leukocyte	<i>ECHDC3</i>	TRUE	2.427159736
T2DM_admission_leukocyte	<i>PRELID1</i>	TRUE	2.356934822
T2DM_admission_leukocyte	<i>RELL2</i>	TRUE	2.350579319
T2DM_admission_leukocyte	<i>BIK</i>	TRUE	2.296192469
T2DM_admission_leukocyte	<i>PLCE1</i>	TRUE	2.267912121
T2DM_admission_leukocyte	<i>MYO6</i>	TRUE	2.262781856
T2DM_admission_leukocyte	<i>GRK4</i>	TRUE	2.243252432
T2DM_admission_leukocyte	<i>CLCNKA</i>	TRUE	2.229922944
T2DM_admission_leukocyte	<i>MRS2</i>	TRUE	2.166759653
T2DM_admission_leukocyte	<i>VPS8</i>	TRUE	2.108215909
T2DM_admission_leukocyte	<i>HSD17B12</i>	TRUE	2.101598801
T2DM_admission_leukocyte	<i>GGH</i>	TRUE	2.093538506
T2DM_admission_leukocyte	<i>MYRFL</i>	TRUE	2.060782562
T2DM_admission_leukocyte	<i>SNHG15</i>	TRUE	2.046275021
T2DM_admission_leukocyte	<i>GOLGA8H</i>	TRUE	2.032298054
T2DM_admission_leukocyte	<i>B3GALT1</i>	TRUE	2.025972071
T2DM_admission_leukocyte	<i>METTL7B</i>	TRUE	2.024864721
T2DM_admission_leukocyte	<i>PDE1C</i>	TRUE	2.019720225
T2DM_admission_leukocyte	<i>LTN1</i>	TRUE	2.006487469
T2DM_admission_leukocyte	<i>ERN1</i>	TRUE	1.989929726
T2DM_admission_leukocyte	<i>SNX11</i>	TRUE	1.969781819
T2DM_admission_leukocyte	<i>EXO5</i>	TRUE	1.96175309
T2DM_admission_mesenchymal_cell	<i>CIB4</i>	TRUE	2.951012677
T2DM_admission_mesenchymal_cell	<i>NUDT17</i>	TRUE	2.666615715
T2DM_admission_mesenchymal_cell	<i>MZT2A</i>	TRUE	2.63263611
T2DM_admission_mesenchymal_cell	<i>INTS8</i>	TRUE	2.49912931

T2DM_admission	mesenchymal_cell	<i>MCM8</i>	TRUE	2.442211538
T2DM_admission	mesenchymal_cell	<i>NME1</i>	TRUE	2.417120827
T2DM_admission	mesenchymal_cell	<i>MGRN1</i>	TRUE	2.27599547
T2DM_admission	mesenchymal_cell	<i>POLR1B</i>	TRUE	2.258861203
T2DM_admission	mesenchymal_cell	<i>CCT8</i>	TRUE	2.25561208
T2DM_admission	mesenchymal_cell	<i>CCDC149</i>	TRUE	2.173231289
T2DM_admission	mesenchymal_cell	<i>SLFN12</i>	TRUE	2.168252362
T2DM_admission	mesenchymal_cell	<i>GLIPR1L2</i>	TRUE	2.160316457
T2DM_admission	mesenchymal_cell	<i>ATAD3A</i>	TRUE	2.128774539
T2DM_admission	mesenchymal_cell	<i>MLLT10</i>	TRUE	2.098979293
T2DM_admission	mesenchymal_cell	<i>MILR1</i>	TRUE	2.085912015
T2DM_admission	mesenchymal_cell	<i>BBS2</i>	TRUE	2.046775857
T2DM_admission	mesenchymal_cell	<i>ZDHHC6</i>	TRUE	2.042519924
T2DM_admission	mesenchymal_cell	<i>RPRML</i>	TRUE	2.029459117
T2DM_admission	mesenchymal_cell	<i>MAP3K10</i>	TRUE	2.029238214
T2DM_admission	mesenchymal_cell	<i>GLO1</i>	TRUE	2.022886211
T2DM_admission	mesenchymal_cell	<i>LRP12</i>	TRUE	2.001888278
T2DM_admission	mesenchymal_cell	<i>MAPK13</i>	TRUE	1.988175512
T2DM_admission	mesenchymal_cell	<i>CCDC180</i>	TRUE	1.97315368
T2DM_admission	mesenchymal_cell	<i>CGGBP1</i>	TRUE	1.967043726
T2DM_admission	mesenchymal_cell	<i>NBR2</i>	TRUE	1.961387206
T2DM_admission	PP_cell	<i>NPAS4</i>	TRUE	3.025194279
T2DM_admission	PP_cell	<i>TRDMT1</i>	TRUE	2.700051864
T2DM_admission	PP_cell	<i>C1orf112</i>	TRUE	2.650059813
T2DM_admission	PP_cell	<i>WIP1I</i>	TRUE	2.646532087
T2DM_admission	PP_cell	<i>CDK3</i>	TRUE	2.539662561
T2DM_admission	PP_cell	<i>SEMA4G</i>	TRUE	2.469856624
T2DM_admission	PP_cell	<i>TAPBPL</i>	TRUE	2.429433884
T2DM_admission	PP_cell	<i>C16orf86</i>	TRUE	2.426177696
T2DM_admission	PP_cell	<i>THBS3</i>	TRUE	2.340485629
T2DM_admission	PP_cell	<i>VIPR1</i>	TRUE	2.259593297
T2DM_admission	PP_cell	<i>THBS3</i>	TRUE	2.215174379
T2DM_admission	PP_cell	<i>CCDC152</i>	TRUE	2.165035578
T2DM_admission	PP_cell	<i>QDPR</i>	TRUE	2.120700262
T2DM_admission	PP_cell	<i>CEACAM19</i>	TRUE	2.097623728
T2DM_admission	PP_cell	<i>CEP104</i>	TRUE	2.072967769
T2DM_admission	PP_cell	<i>HSPA2</i>	TRUE	2.063455312
T2DM_admission	PP_cell	<i>PHOSPHO2</i>	TRUE	2.048198349
T2DM_admission	PP_cell	<i>TMEM101</i>	TRUE	2.033556038
T2DM_admission	PP_cell	<i>ANO7</i>	TRUE	2.009634452
T2DM_admission	PP_cell	<i>C8orf58</i>	TRUE	1.994211349
T2DM_admission	PP_cell	<i>CCDC66</i>	TRUE	1.987824056
T2DM_admission	PP_cell	<i>NDUFB3</i>	TRUE	1.986845532
T2DM_admission	PP_cell	<i>SUPT4H1</i>	TRUE	1.963015975

T2DM_admission	PP_cell	<i>IL17RD</i>	TRUE	1.960147064
T2DM_insulin	acinar_cell	<i>FPGT</i>	TRUE	2.371161122
T2DM_insulin	acinar_cell	<i>DIS3</i>	TRUE	2.344841575
T2DM_insulin	acinar_cell	<i>KRII</i>	TRUE	2.313037454
T2DM_insulin	acinar_cell	<i>TELO2</i>	TRUE	2.262781926
T2DM_insulin	acinar_cell	<i>LEFTY2</i>	TRUE	2.251074905
T2DM_insulin	acinar_cell	<i>PLD2</i>	TRUE	2.249046544
T2DM_insulin	acinar_cell	<i>MILR1</i>	TRUE	2.172400872
T2DM_insulin	acinar_cell	<i>C1RL</i>	TRUE	2.165246342
T2DM_insulin	acinar_cell	<i>PLIN3</i>	TRUE	2.159142593
T2DM_insulin	acinar_cell	<i>MRPL48</i>	TRUE	2.091342663
T2DM_insulin	acinar_cell	<i>LY6K</i>	TRUE	1.978706007
T2DM_insulin	alpha_cell	<i>FBRSL1</i>	TRUE	2.51665277
T2DM_insulin	alpha_cell	<i>PDC</i>	TRUE	2.348465352
T2DM_insulin	alpha_cell	<i>JAGN1</i>	TRUE	2.339887864
T2DM_insulin	alpha_cell	<i>CCDC115</i>	TRUE	2.330246469
T2DM_insulin	alpha_cell	<i>TMEM176A</i>	TRUE	2.162091169
T2DM_insulin	alpha_cell	<i>ATPAF2</i>	TRUE	2.111703259
T2DM_insulin	alpha_cell	<i>FRA10AC1</i>	TRUE	2.098907907
T2DM_insulin	alpha_cell	<i>ALAD</i>	TRUE	2.09671372
T2DM_insulin	alpha_cell	<i>SNAI2</i>	TRUE	2.04953244
T2DM_insulin	beta_cell	<i>MKRN2</i>	TRUE	2.305782446
T2DM_insulin	beta_cell	<i>SIDT1</i>	TRUE	2.279178646
T2DM_insulin	beta_cell	<i>ATPAF2</i>	TRUE	2.248419583
T2DM_insulin	beta_cell	<i>GLRB</i>	TRUE	2.215305551
T2DM_insulin	beta_cell	<i>RPRML</i>	TRUE	2.204976705
T2DM_insulin	beta_cell	<i>C10orf82</i>	TRUE	2.19726187
T2DM_insulin	beta_cell	<i>DDX55</i>	TRUE	2.178627473
T2DM_insulin	beta_cell	<i>AMDHD2</i>	TRUE	2.153391057
T2DM_insulin	beta_cell	<i>COX5B</i>	TRUE	2.128457789
T2DM_insulin	beta_cell	<i>PARD6B</i>	TRUE	2.120127643
T2DM_insulin	beta_cell	<i>DOK7</i>	TRUE	2.073039209
T2DM_insulin	beta_cell	<i>ZNF232</i>	TRUE	2.063804505
T2DM_insulin	beta_cell	<i>PCSK5</i>	TRUE	2.029187866
T2DM_insulin	beta_cell	<i>SMG9</i>	TRUE	1.986007173
T2DM_insulin	beta_cell	<i>ZBTB9</i>	TRUE	1.977341362
T2DM_insulin	beta_cell	<i>TPSD1</i>	TRUE	1.961512367
T2DM_insulin	delta_cell	<i>MROH8</i>	TRUE	2.639348467
T2DM_insulin	delta_cell	<i>SLC35F2</i>	TRUE	2.572177887
T2DM_insulin	delta_cell	<i>ARFRP1</i>	TRUE	2.535166452
T2DM_insulin	delta_cell	<i>NAA38</i>	TRUE	2.521852895
T2DM_insulin	delta_cell	<i>HLA.DQB2</i>	TRUE	2.520722158
T2DM_insulin	delta_cell	<i>ERMP1</i>	TRUE	2.493693835
T2DM_insulin	delta_cell	<i>CLUL1</i>	TRUE	2.454268014

T2DM_insulin	delta_cell	<i>UPK3B</i>	TRUE	2.228569997
T2DM_insulin	delta_cell	<i>CHPT1</i>	TRUE	2.223321847
T2DM_insulin	delta_cell	<i>MYRFL</i>	TRUE	2.168007761
T2DM_insulin	delta_cell	<i>HELB</i>	TRUE	2.144925061
T2DM_insulin	delta_cell	<i>ARL16</i>	TRUE	2.144752494
T2DM_insulin	delta_cell	<i>RNF175</i>	TRUE	2.142972204
T2DM_insulin	delta_cell	<i>NPIPA1</i>	TRUE	2.079409895
T2DM_insulin	delta_cell	<i>TESK2</i>	TRUE	2.075773274
T2DM_insulin	delta_cell	<i>ABHD12</i>	TRUE	2.051141822
T2DM_insulin	delta_cell	<i>TYW1</i>	TRUE	2.006179935
T2DM_insulin	duct_epithelial_cell	<i>LINC01123</i>	TRUE	3.123743175
T2DM_insulin	duct_epithelial_cell	<i>ING2</i>	TRUE	2.541603893
T2DM_insulin	duct_epithelial_cell	<i>DCAF4</i>	TRUE	2.4395491
T2DM_insulin	duct_epithelial_cell	<i>DHRS1</i>	TRUE	2.307111107
T2DM_insulin	duct_epithelial_cell	<i>BTNL8</i>	TRUE	2.224704201
T2DM_insulin	duct_epithelial_cell	<i>ATPAF2</i>	TRUE	2.150759901
T2DM_insulin	duct_epithelial_cell	<i>PBX4</i>	TRUE	2.130119987
T2DM_insulin	duct_epithelial_cell	<i>BEST3</i>	TRUE	2.103506812
T2DM_insulin	duct_epithelial_cell	<i>TDRD10</i>	TRUE	2.060664535
T2DM_insulin	duct_epithelial_cell	<i>PDCD1LG2</i>	TRUE	2.0589583
T2DM_insulin	duct_epithelial_cell	<i>ZNF880</i>	TRUE	2.022432024
T2DM_insulin	endothelial_cell	<i>POLM</i>	TRUE	3.501522801
T2DM_insulin	endothelial_cell	<i>WSCD2</i>	TRUE	2.896115585
T2DM_insulin	endothelial_cell	<i>HSD17B8</i>	TRUE	2.546965933
T2DM_insulin	endothelial_cell	<i>OR52N4</i>	TRUE	2.493211036
T2DM_insulin	endothelial_cell	<i>NCOA3</i>	TRUE	2.489218785
T2DM_insulin	endothelial_cell	<i>UNC45A</i>	TRUE	2.446259146
T2DM_insulin	endothelial_cell	<i>MUC4</i>	TRUE	2.429066573
T2DM_insulin	endothelial_cell	<i>PARD6B</i>	TRUE	2.294666114
T2DM_insulin	endothelial_cell	<i>C1orf112</i>	TRUE	2.275902878
T2DM_insulin	endothelial_cell	<i>VPS8</i>	TRUE	2.2758372
T2DM_insulin	endothelial_cell	<i>EXTL1</i>	TRUE	2.196542755
T2DM_insulin	endothelial_cell	<i>ABHD11</i>	TRUE	2.099806338
T2DM_insulin	endothelial_cell	<i>RPN1</i>	TRUE	2.087576847
T2DM_insulin	endothelial_cell	<i>JMJD7</i>	TRUE	2.065886631
T2DM_insulin	endothelial_cell	<i>LNX1</i>	TRUE	2.009594627
T2DM_insulin	endothelial_cell	<i>APIP</i>	TRUE	1.97848129
T2DM_insulin	endothelial_cell	<i>HSD17B12</i>	TRUE	1.961426866
T2DM_insulin	endothelial_cell	<i>B3GAT1</i>	TRUE	1.960116326
T2DM_insulin	epsilon_cell	<i>CALHM2</i>	TRUE	3.021645148
T2DM_insulin	epsilon_cell	<i>TRPM4</i>	TRUE	2.553748039
T2DM_insulin	epsilon_cell	<i>TIPRL</i>	TRUE	2.29627614
T2DM_insulin	epsilon_cell	<i>LINC00865</i>	TRUE	2.279553131
T2DM_insulin	epsilon_cell	<i>ING2</i>	TRUE	2.229590025

T2DM_insulin	epsilon_cell	<i>DPYSL4</i>	TRUE	2.162820806
T2DM_insulin	epsilon_cell	<i>RGPD8</i>	TRUE	2.094499745
T2DM_insulin	epsilon_cell	<i>PCDHB1</i>	TRUE	2.072349845
T2DM_insulin	leukocyte	<i>PRR12</i>	TRUE	3.613774636
T2DM_insulin	leukocyte	<i>ESR2</i>	TRUE	2.996879758
T2DM_insulin	leukocyte	<i>KRT4</i>	TRUE	2.666036425
T2DM_insulin	leukocyte	<i>EPO</i>	TRUE	2.427415424
T2DM_insulin	leukocyte	<i>NAA38</i>	TRUE	2.246581704
T2DM_insulin	leukocyte	<i>FAM161B</i>	TRUE	2.18611002
T2DM_insulin	leukocyte	<i>CYB5B</i>	TRUE	2.171169349
T2DM_insulin	leukocyte	<i>GTPBP3</i>	TRUE	2.153525752
T2DM_insulin	leukocyte	<i>LPIN3</i>	TRUE	2.100104127
T2DM_insulin	leukocyte	<i>ACVR2A</i>	TRUE	2.059609701
T2DM_insulin	leukocyte	<i>NDUFA6</i>	TRUE	1.977622719
T2DM_insulin	mesenchymal_cell	<i>CCNT2</i>	TRUE	2.830294044
T2DM_insulin	mesenchymal_cell	<i>CCDC69</i>	TRUE	2.738312303
T2DM_insulin	mesenchymal_cell	<i>CCR5</i>	TRUE	2.64675091
T2DM_insulin	mesenchymal_cell	<i>VSTM5</i>	TRUE	2.45885075
T2DM_insulin	mesenchymal_cell	<i>CIB4</i>	TRUE	2.31529987
T2DM_insulin	mesenchymal_cell	<i>INTS8</i>	TRUE	2.258257109
T2DM_insulin	mesenchymal_cell	<i>EVPL</i>	TRUE	2.229443981
T2DM_insulin	mesenchymal_cell	<i>FBRSL1</i>	TRUE	2.176691953
T2DM_insulin	mesenchymal_cell	<i>NOS1</i>	TRUE	2.158567708
T2DM_insulin	mesenchymal_cell	<i>C1orf112</i>	TRUE	2.151555283
T2DM_insulin	mesenchymal_cell	<i>DOLPP1</i>	TRUE	2.103473706
T2DM_insulin	mesenchymal_cell	<i>ZNF883</i>	TRUE	2.029451865
T2DM_insulin	mesenchymal_cell	<i>P4HA2</i>	TRUE	2.027288278
T2DM_insulin	mesenchymal_cell	<i>CGNL1</i>	TRUE	2.023408221
T2DM_insulin	mesenchymal_cell	<i>LNX1</i>	TRUE	2.005885105
T2DM_insulin	mesenchymal_cell	<i>DOK7</i>	TRUE	1.990853317
T2DM_insulin	mesenchymal_cell	<i>CMBL</i>	TRUE	1.962655882
T2DM_insulin	PP_cell	<i>NPAS4</i>	TRUE	2.551930382
T2DM_insulin	PP_cell	<i>TAPBPL</i>	TRUE	2.159647192
T2DM_insulin	PP_cell	<i>LAYN</i>	TRUE	2.156041935
T2DM_insulin	PP_cell	<i>DCAF4</i>	TRUE	2.146923091
T2DM_insulin	PP_cell	<i>TEX14</i>	TRUE	2.125659008
T2DM_insulin	PP_cell	<i>COX5B</i>	TRUE	2.115433364
T2DM_insulin	PP_cell	<i>GLP1R</i>	TRUE	2.107926781
T2DM_insulin	PP_cell	<i>OR2A7</i>	TRUE	2.086871542
T2DM_insulin	PP_cell	<i>SHPK</i>	TRUE	2.071524807
T2DM_insulin	PP_cell	<i>CDRT15</i>	TRUE	2.063709934
T2DM_insulin	PP_cell	<i>WIPI1</i>	TRUE	2.059314207
T2DM_insulin	PP_cell	<i>BLK</i>	TRUE	2.042921249
T2DM_insulin	PP_cell	<i>MYO6</i>	TRUE	2.03326488

T2DM_insulin	PP_cell	<i>VIPR1</i>	TRUE	1.993318763
T2DM_insulin	PP_cell	<i>SUMF2</i>	TRUE	1.984227608
T2DM_insulin	PP_cell	<i>KCNJ5</i>	TRUE	1.982737533
T2DM_insulin	PP_cell	<i>SLC39A5</i>	TRUE	1.972653902
T2DM_insulin	PP_cell	<i>SIGMAR1</i>	TRUE	1.969446814
T2DM_mortality	acinar_cell	<i>SVIL</i>	TRUE	7.947445569
T2DM_mortality	acinar_cell	<i>EPHB2</i>	TRUE	4.147692785
T2DM_mortality	acinar_cell	<i>MUC20</i>	TRUE	3.9968075
T2DM_mortality	acinar_cell	<i>SERF1B</i>	TRUE	3.717955934
T2DM_mortality	acinar_cell	<i>HTR1F</i>	TRUE	3.260245329
T2DM_mortality	acinar_cell	<i>CWC22</i>	TRUE	2.866638836
T2DM_mortality	acinar_cell	<i>ANO4</i>	TRUE	2.752835973
T2DM_mortality	acinar_cell	<i>SLC35A5</i>	TRUE	2.389698322
T2DM_mortality	acinar_cell	<i>TOR1B</i>	TRUE	2.305787806
T2DM_mortality	acinar_cell	<i>RFC4</i>	TRUE	2.279394745
T2DM_mortality	acinar_cell	<i>PIEZO1</i>	TRUE	2.154601748
T2DM_mortality	acinar_cell	<i>SLC35F2</i>	TRUE	2.086560426
T2DM_mortality	acinar_cell	<i>GNG5</i>	TRUE	2.048555859
T2DM_mortality	acinar_cell	<i>MFAP3L</i>	TRUE	2.004768227
T2DM_mortality	alpha_cell	<i>ITGB8</i>	TRUE	5.45180753
T2DM_mortality	alpha_cell	<i>GNG5</i>	TRUE	3.880297598
T2DM_mortality	alpha_cell	<i>CTDSPL</i>	TRUE	3.68115443
T2DM_mortality	alpha_cell	<i>C1orf112</i>	TRUE	3.207602266
T2DM_mortality	alpha_cell	<i>AGER</i>	TRUE	2.585726696
T2DM_mortality	alpha_cell	<i>ZNF90</i>	TRUE	2.437833623
T2DM_mortality	alpha_cell	<i>MUC6</i>	TRUE	2.363052486
T2DM_mortality	alpha_cell	<i>ANO2</i>	TRUE	2.352474245
T2DM_mortality	alpha_cell	<i>TTL12</i>	TRUE	2.180461321
T2DM_mortality	alpha_cell	<i>GPRC5A</i>	TRUE	2.163586992
T2DM_mortality	alpha_cell	<i>LEFTY2</i>	TRUE	2.09763944
T2DM_mortality	beta_cell	<i>LCN2</i>	TRUE	9.062383031
T2DM_mortality	beta_cell	<i>EPHB2</i>	TRUE	5.645788534
T2DM_mortality	beta_cell	<i>KRTCAP3</i>	TRUE	4.48079728
T2DM_mortality	beta_cell	<i>SLC38A11</i>	TRUE	4.091919428
T2DM_mortality	beta_cell	<i>LIPC</i>	TRUE	3.997105158
T2DM_mortality	beta_cell	<i>PAX9</i>	TRUE	3.072496169
T2DM_mortality	beta_cell	<i>TUBA1C</i>	TRUE	2.992136642
T2DM_mortality	beta_cell	<i>EPHB3</i>	TRUE	2.918282938
T2DM_mortality	beta_cell	<i>ELOVL4</i>	TRUE	2.76280083
T2DM_mortality	beta_cell	<i>STK17A</i>	TRUE	2.748199203
T2DM_mortality	beta_cell	<i>GNG5</i>	TRUE	2.599939219
T2DM_mortality	beta_cell	<i>CXCL6</i>	TRUE	2.475402694
T2DM_mortality	beta_cell	<i>LINC00939</i>	TRUE	2.241009703
T2DM_mortality	beta_cell	<i>TRIM63</i>	TRUE	2.212390103

T2DM_mortality	beta_cell	<i>DHRS7</i>	TRUE	2.164896594
T2DM_mortality	delta_cell	<i>PRELID1</i>	TRUE	3.745224968
T2DM_mortality	delta_cell	<i>RAB38</i>	TRUE	3.603269779
T2DM_mortality	delta_cell	<i>SYDE2</i>	TRUE	3.48566981
T2DM_mortality	delta_cell	<i>VANGL1</i>	TRUE	3.042116166
T2DM_mortality	delta_cell	<i>FBRSL1</i>	TRUE	3.024812786
T2DM_mortality	delta_cell	<i>S100A14</i>	TRUE	2.752607381
T2DM_mortality	delta_cell	<i>SWI5</i>	TRUE	2.740382846
T2DM_mortality	delta_cell	<i>FAM182B</i>	TRUE	2.683563657
T2DM_mortality	delta_cell	<i>NAALAD2</i>	TRUE	2.243202991
T2DM_mortality	delta_cell	<i>HEATR6</i>	TRUE	2.127550748
T2DM_mortality	delta_cell	<i>LINC00865</i>	TRUE	2.014528138
T2DM_mortality	delta_cell	<i>CCDC82</i>	TRUE	2.008663798
T2DM_mortality	delta_cell	<i>PCDHB1</i>	TRUE	2.005430037
T2DM_mortality	delta_cell	<i>NARS2</i>	TRUE	1.989668808
T2DM_mortality	delta_cell	<i>CXCL6</i>	TRUE	1.967472334
T2DM_mortality	duct_epithelial_cell	<i>EPHB2</i>	TRUE	4.750512083
T2DM_mortality	duct_epithelial_cell	<i>KRTCAP3</i>	TRUE	4.049752995
T2DM_mortality	duct_epithelial_cell	<i>TRPV5</i>	TRUE	3.750594467
T2DM_mortality	duct_epithelial_cell	<i>MUC20</i>	TRUE	3.706300942
T2DM_mortality	duct_epithelial_cell	<i>IL17RD</i>	TRUE	3.538931712
T2DM_mortality	duct_epithelial_cell	<i>CXCL6</i>	TRUE	3.249529523
T2DM_mortality	duct_epithelial_cell	<i>VIPR1</i>	TRUE	3.206079021
T2DM_mortality	duct_epithelial_cell	<i>SLCO1C1</i>	TRUE	2.889396313
T2DM_mortality	duct_epithelial_cell	<i>FUT6</i>	TRUE	2.492015162
T2DM_mortality	duct_epithelial_cell	<i>CCR5</i>	TRUE	2.482627126
T2DM_mortality	duct_epithelial_cell	<i>PIEZO1</i>	TRUE	2.308593392
T2DM_mortality	duct_epithelial_cell	<i>ALS2CL</i>	TRUE	2.260529394
T2DM_mortality	duct_epithelial_cell	<i>COX8A</i>	TRUE	2.110624287
T2DM_mortality	duct_epithelial_cell	<i>FMN1</i>	TRUE	2.023152179
T2DM_mortality	endothelial_cell	<i>UQCRC2</i>	TRUE	4.415670336
T2DM_mortality	endothelial_cell	<i>NME5</i>	TRUE	3.775365892
T2DM_mortality	endothelial_cell	<i>IL17RD</i>	TRUE	3.098834651
T2DM_mortality	endothelial_cell	<i>DMRTA1</i>	TRUE	2.860782391
T2DM_mortality	endothelial_cell	<i>TBC1D32</i>	TRUE	2.814346909
T2DM_mortality	endothelial_cell	<i>MUC20</i>	TRUE	2.600369104
T2DM_mortality	endothelial_cell	<i>LACTB2</i>	TRUE	2.380831638
T2DM_mortality	endothelial_cell	<i>STK17A</i>	TRUE	2.108822009
T2DM_mortality	endothelial_cell	<i>SLC35F2</i>	TRUE	2.076280558
T2DM_mortality	epsilon_cell	<i>KRTCAP3</i>	TRUE	4.440454764
T2DM_mortality	epsilon_cell	<i>RAB6B</i>	TRUE	4.033031929
T2DM_mortality	epsilon_cell	<i>PIEZO1</i>	TRUE	3.583397478
T2DM_mortality	epsilon_cell	<i>MUC20</i>	TRUE	3.437252833
T2DM_mortality	epsilon_cell	<i>TUBA1C</i>	TRUE	3.433429186

T2DM_mortality	epsilon_cell	<i>STK17A</i>	TRUE	2.987022031
T2DM_mortality	epsilon_cell	<i>BMP4</i>	TRUE	2.711037517
T2DM_mortality	epsilon_cell	<i>LDHC</i>	TRUE	2.438633881
T2DM_mortality	epsilon_cell	<i>DHRS7</i>	TRUE	2.433450854
T2DM_mortality	epsilon_cell	<i>MRPL47</i>	TRUE	2.090146229
T2DM_mortality	epsilon_cell	<i>OCEL1</i>	TRUE	2.054855639
T2DM_mortality	epsilon_cell	<i>TOR1B</i>	TRUE	1.994421492
T2DM_mortality	leukocyte	<i>SVIL</i>	TRUE	6.804030798
T2DM_mortality	leukocyte	<i>MUC20</i>	TRUE	5.205845218
T2DM_mortality	leukocyte	<i>IL17RD</i>	TRUE	3.384750431
T2DM_mortality	leukocyte	<i>CTDSPL</i>	TRUE	3.189987699
T2DM_mortality	leukocyte	<i>TRIM63</i>	TRUE	2.5550999
T2DM_mortality	leukocyte	<i>ELOVL4</i>	TRUE	2.393009407
T2DM_mortality	leukocyte	<i>TTL12</i>	TRUE	2.312316743
T2DM_mortality	leukocyte	<i>GNG5</i>	TRUE	2.301972843
T2DM_mortality	mesenchymal_cell	<i>HMGA1</i>	TRUE	7.972268305
T2DM_mortality	mesenchymal_cell	<i>ITGB8</i>	TRUE	4.826056728
T2DM_mortality	mesenchymal_cell	<i>GALR1</i>	TRUE	3.0633719
T2DM_mortality	mesenchymal_cell	<i>SAMD4B</i>	TRUE	3.05219578
T2DM_mortality	mesenchymal_cell	<i>KIF6</i>	TRUE	3.009211229
T2DM_mortality	mesenchymal_cell	<i>TRIM63</i>	TRUE	2.740484868
T2DM_mortality	mesenchymal_cell	<i>GNG5</i>	TRUE	2.698575651
T2DM_mortality	mesenchymal_cell	<i>LEFTY2</i>	TRUE	2.510444223
T2DM_mortality	mesenchymal_cell	<i>DPYSL4</i>	TRUE	2.373374974
T2DM_mortality	mesenchymal_cell	<i>GATAD1</i>	TRUE	2.2728387
T2DM_mortality	PP_cell	<i>SLCO1C1</i>	TRUE	5.342748775
T2DM_mortality	PP_cell	<i>FGF10</i>	TRUE	4.064472515
T2DM_mortality	PP_cell	<i>TUBA1C</i>	TRUE	4.039645728
T2DM_mortality	PP_cell	<i>MIS18BP1</i>	TRUE	3.527282801
T2DM_mortality	PP_cell	<i>CTDSPL</i>	TRUE	3.298490143
T2DM_mortality	PP_cell	<i>SLC38A11</i>	TRUE	3.195450911
T2DM_mortality	PP_cell	<i>TRIM63</i>	TRUE	2.929119845
T2DM_mortality	PP_cell	<i>TBL2</i>	TRUE	2.917152536
T2DM_mortality	PP_cell	<i>SI00A14</i>	TRUE	2.561364538
T2DM_mortality	PP_cell	<i>ORC1</i>	TRUE	2.479743192
T2DM_mortality	PP_cell	<i>CCDC149</i>	TRUE	2.290916252
T2DM_mortality	PP_cell	<i>SWI5</i>	TRUE	2.207823127
T2DM_mortality	PP_cell	<i>LYSMD4</i>	TRUE	2.034643002

Note: zMin indicates the zscore calculated from the PC-simple for the causal relationships between the target gene and phenotype

c. Identified cell type specific causal genes for obesity and related disorders from SAT□

disorder	celltype	genes	causal gene	zMin
CAD	adipocyte	<i>PFN2</i>	TRUE	2.038407526
CAD	adipocyte	<i>INPP5B</i>	TRUE	2.719581112
CAD	adipocyte	<i>RBP1</i>	TRUE	1.986618811
CAD	adipocyte	<i>CEP89</i>	TRUE	1.966312588
CAD	adipocyte	<i>PDF</i>	TRUE	2.16673019
CAD	adipocyte	<i>ZNF780A</i>	TRUE	2.6322502
CAD	adipocyte	<i>RRM1</i>	TRUE	2.084276982
CAD	adipocyte	<i>ZNF34</i>	TRUE	2.097691671
CAD	adipocyte	<i>RCAN2</i>	TRUE	2.592165142
CAD	adipocyte	<i>PPTC7</i>	TRUE	2.163439224
CAD	adipocyte	<i>CREB3L4</i>	TRUE	2.245364706
CAD	adipocyte	<i>ATG16L1</i>	TRUE	3.102683673
CAD	adipocyte	<i>PKN1</i>	TRUE	2.227416043
CAD	adipocyte	<i>TMEM206</i>	TRUE	2.096654659
CAD	adipocyte	<i>OCLN</i>	TRUE	2.677444439
CAD	adipocyte	<i>TIPIN</i>	TRUE	2.320620197
CAD	adipocyte	<i>SNAPC4</i>	TRUE	2.255035221
CAD	adipocyte	<i>PCDHGA11</i>	TRUE	2.557009338
CAD	adipocyte	<i>C15orf65</i>	TRUE	2.246193799
CAD	adipocyte	<i>ADH1A</i>	TRUE	2.291023378
CAD	adipocyte	<i>MMACHC</i>	TRUE	2.170173105
CAD	ASPC	<i>AKAP11</i>	TRUE	2.346042812
CAD	ASPC	<i>ZFP69</i>	TRUE	2.104679172
CAD	ASPC	<i>UBL7</i>	TRUE	2.108333003
CAD	ASPC	<i>LINC00565</i>	TRUE	2.62921998
CAD	ASPC	<i>SLC25A1</i>	TRUE	2.470244622
CAD	ASPC	<i>SASS6</i>	TRUE	1.982791655
CAD	ASPC	<i>NSUN4</i>	TRUE	2.294795058
CAD	ASPC	<i>GAL3ST2</i>	TRUE	2.473735246
CAD	ASPC	<i>KCNG2</i>	TRUE	2.170405006
CAD	ASPC	<i>ZNF324</i>	TRUE	2.643621994
CAD	ASPC	<i>UTS2</i>	TRUE	2.333190615
CAD	ASPC	<i>BOD1L1</i>	TRUE	2.062157346
CAD	ASPC	<i>ARL3</i>	TRUE	2.424374302
CAD	ASPC	<i>RET</i>	TRUE	2.121071511
CAD	ASPC	<i>SLC26A8</i>	TRUE	2.196434716
CAD	ASPC	<i>WDYHV1</i>	TRUE	2.471084638
CAD	ASPC	<i>CTDSPL</i>	TRUE	2.492413971
CAD	ASPC	<i>FAP</i>	TRUE	2.396802275
CAD	b_cell	<i>ORC4</i>	TRUE	2.23599669
CAD	b_cell	<i>DUSP22</i>	TRUE	2.380997691
CAD	b_cell	<i>SMYD5</i>	TRUE	2.006866121

CAD	b_cell	<i>RBFA</i>	TRUE	2.335743242
CAD	b_cell	<i>SRPK2</i>	TRUE	2.185203039
CAD	b_cell	<i>DPYSL4</i>	TRUE	2.308717082
CAD	b_cell	<i>ZMPSTE24</i>	TRUE	2.207960646
CAD	b_cell	<i>SAP25</i>	TRUE	2.376969634
CAD	b_cell	<i>CDK5RAP3</i>	TRUE	2.444946757
CAD	b_cell	<i>FGL2</i>	TRUE	2.43273613
CAD	b_cell	<i>COL28A1</i>	TRUE	1.974744716
CAD	b_cell	<i>KIAA1211</i>	TRUE	2.56242939
CAD	b_cell	<i>LDHC</i>	TRUE	2.270404086
CAD	b_cell	<i>CPEB1</i>	TRUE	2.01815944
CAD	b_cell	<i>PII5</i>	TRUE	1.971316207
CAD	dendritic_cell	<i>ZNF197</i>	TRUE	2.151124867
CAD	dendritic_cell	<i>MMRN1</i>	TRUE	1.965555583
CAD	dendritic_cell	<i>MIF4GD</i>	TRUE	2.068907934
CAD	dendritic_cell	<i>NCAPG2</i>	TRUE	1.999472078
CAD	dendritic_cell	<i>FAAH</i>	TRUE	2.597740106
CAD	dendritic_cell	<i>FAM87B</i>	TRUE	2.107305395
CAD	dendritic_cell	<i>RNASE6</i>	TRUE	3.023137311
CAD	dendritic_cell	<i>MBD3</i>	TRUE	2.157095905
CAD	dendritic_cell	<i>GNPTG</i>	TRUE	2.063555969
CAD	dendritic_cell	<i>TBC1D23</i>	TRUE	2.266973908
CAD	dendritic_cell	<i>ASIC1</i>	TRUE	2.001005408
CAD	dendritic_cell	<i>RAD9A</i>	TRUE	2.346511548
CAD	endothelial	<i>NLE1</i>	TRUE	2.597020041
CAD	endothelial	<i>SEC14L1</i>	TRUE	2.34824701
CAD	endothelial	<i>CRYZ</i>	TRUE	2.429607758
CAD	endothelial	<i>ZRSR1</i>	TRUE	2.807145215
CAD	endothelial	<i>ANO1</i>	TRUE	3.175821252
CAD	endothelial	<i>NME5</i>	TRUE	1.971566711
CAD	endothelial	<i>AGT</i>	TRUE	2.437540134
CAD	endothelial	<i>LRRC37A3</i>	TRUE	2.503922356
CAD	endothelial	<i>ASB4</i>	TRUE	2.073663077
CAD	endothelial	<i>ZFP37</i>	TRUE	2.006248357
CAD	endothelial	<i>AKR1C2</i>	TRUE	2.634633109
CAD	endothelial	<i>TIGD6</i>	TRUE	1.994929636
CAD	endothelial	<i>CBWD1</i>	TRUE	2.015723409
CAD	endothelial	<i>CALML6</i>	TRUE	2.878881342
CAD	endothelial	<i>HOXD1</i>	TRUE	2.632801945
CAD	endothelial	<i>MRPS26</i>	TRUE	2.02812066
CAD	LEC	<i>ZNF559</i>	TRUE	2.212988056
CAD	LEC	<i>MRPL4</i>	TRUE	1.98460498
CAD	LEC	<i>ATP6V0D2</i>	TRUE	2.030362478
CAD	LEC	<i>PYCR2</i>	TRUE	3.031788533

CAD	LEC	<i>PAPOLA</i>	TRUE	2.818875024
CAD	LEC	<i>CCDC137</i>	TRUE	2.078237267
CAD	LEC	<i>ICMT</i>	TRUE	1.967637454
CAD	LEC	<i>CC2D1B</i>	TRUE	2.184531179
CAD	LEC	<i>AK1</i>	TRUE	2.044026321
CAD	LEC	<i>CPSF4L</i>	TRUE	2.328078632
CAD	LEC	<i>C16orf86</i>	TRUE	2.661969923
CAD	LEC	<i>HHLA3</i>	TRUE	2.526037361
CAD	macrophage	<i>ANKRD54</i>	TRUE	2.383675325
CAD	macrophage	<i>PCDHB6</i>	TRUE	2.372860843
CAD	macrophage	<i>CCDC57</i>	TRUE	2.092967031
CAD	macrophage	<i>AC016773.1</i>	TRUE	2.440601829
CAD	macrophage	<i>LINC00565</i>	TRUE	2.632370185
CAD	macrophage	<i>ITFG2</i>	TRUE	2.150429675
CAD	macrophage	<i>TBL2</i>	TRUE	2.714965712
CAD	macrophage	<i>ENPP3</i>	TRUE	2.128964832
CAD	macrophage	<i>METAP1</i>	TRUE	2.089920776
CAD	macrophage	<i>DISP1</i>	TRUE	2.247839939
CAD	macrophage	<i>NBN</i>	TRUE	2.770093418
CAD	macrophage	<i>CUTC</i>	TRUE	2.105058634
CAD	macrophage	<i>GDF3</i>	TRUE	2.113325306
CAD	macrophage	<i>RFPL3S</i>	TRUE	1.976983064
CAD	macrophage	<i>DDT</i>	TRUE	2.698925139
CAD	macrophage	<i>SERINC2</i>	TRUE	2.567879427
CAD	macrophage	<i>TIMP3</i>	TRUE	2.22243236
CAD	macrophage	<i>TTC21B</i>	TRUE	2.447051893
CAD	macrophage	<i>TMEM184B</i>	TRUE	2.470491576
CAD	macrophage	<i>TNNT3</i>	TRUE	2.685182693
CAD	macrophage	<i>FEM1B</i>	TRUE	2.053735755
CAD	macrophage	<i>VPS33B</i>	TRUE	2.725612654
CAD	macrophage	<i>CACNG6</i>	TRUE	2.18781767
CAD	mast_cell	<i>IP6K3</i>	TRUE	2.841784739
CAD	mast_cell	<i>STIM2</i>	TRUE	2.533692462
CAD	mast_cell	<i>CYGB</i>	TRUE	2.062713058
CAD	mast_cell	<i>NAGPA</i>	TRUE	2.033325643
CAD	mast_cell	<i>TTC30A</i>	TRUE	1.971878768
CAD	mast_cell	<i>CHAC2</i>	TRUE	2.187555596
CAD	mast_cell	<i>EPHB6</i>	TRUE	2.352963505
CAD	mast_cell	<i>GPR160</i>	TRUE	2.136398766
CAD	mast_cell	<i>PABPC4</i>	TRUE	2.111732649
CAD	mast_cell	<i>CCDC122</i>	TRUE	2.105477455
CAD	mast_cell	<i>IFT74</i>	TRUE	3.247642483
CAD	mast_cell	<i>GUSB</i>	TRUE	2.053954221
CAD	mast_cell	<i>FAM69C</i>	TRUE	2.240009509

CAD	mast_cell	<i>DNAJC21</i>	TRUE	2.07172512
CAD	mast_cell	<i>CTDSPL</i>	TRUE	1.993813334
CAD	monocyte	<i>DTD2</i>	TRUE	2.154813323
CAD	monocyte	<i>XKR9</i>	TRUE	1.980770923
CAD	monocyte	<i>SERPINA3</i>	TRUE	2.105738147
CAD	monocyte	<i>LINC00200</i>	TRUE	2.528360722
CAD	monocyte	<i>NME5</i>	TRUE	2.465759215
CAD	monocyte	<i>TP53BP2</i>	TRUE	2.916951182
CAD	monocyte	<i>CPT1B</i>	TRUE	1.99649371
CAD	monocyte	<i>BEAN1</i>	TRUE	1.960255748
CAD	monocyte	<i>CDC27</i>	TRUE	2.313285328
CAD	monocyte	<i>MCM8</i>	TRUE	2.673885711
CAD	monocyte	<i>BBC3</i>	TRUE	2.198262483
CAD	monocyte	<i>SLC25A38</i>	TRUE	2.056493735
CAD	monocyte	<i>AC131971.1</i>	TRUE	1.999773283
CAD	monocyte	<i>AC017074.2</i>	TRUE	2.414729858
CAD	monocyte	<i>KCNMB4</i>	TRUE	2.261099574
CAD	neutrophil	<i>RIOK2</i>	TRUE	2.237359918
CAD	neutrophil	<i>PRPH2</i>	TRUE	2.143272439
CAD	neutrophil	<i>STRADA</i>	TRUE	2.078596784
CAD	neutrophil	<i>ZFP69</i>	TRUE	2.276057995
CAD	neutrophil	<i>HAX1</i>	TRUE	2.024500447
CAD	neutrophil	<i>RFC2</i>	TRUE	2.162539467
CAD	neutrophil	<i>UNC45B</i>	TRUE	2.085743063
CAD	neutrophil	<i>HCN1</i>	TRUE	2.176791596
CAD	neutrophil	<i>ARL1</i>	TRUE	1.964608682
CAD	neutrophil	<i>DPYSL4</i>	TRUE	2.953294977
CAD	neutrophil	<i>FAM180B</i>	TRUE	1.984050661
CAD	neutrophil	<i>KNSTRN</i>	TRUE	2.522653069
CAD	neutrophil	<i>FARSA</i>	TRUE	2.086513479
CAD	neutrophil	<i>AC017074.2</i>	TRUE	2.224016947
CAD	neutrophil	<i>BCHE</i>	TRUE	2.061991224
CAD	neutrophil	<i>TAF1C</i>	TRUE	2.010193321
CAD	neutrophil	<i>PLIN2</i>	TRUE	2.140043993
CAD	neutrophil	<i>ADAMDECI</i>	TRUE	2.039729613
CAD	neutrophil	<i>RPL29</i>	TRUE	2.036411094
CAD	nk_cell	<i>HDLBP</i>	TRUE	1.999992658
CAD	nk_cell	<i>POLM</i>	TRUE	2.103340047
CAD	nk_cell	<i>ETV6</i>	TRUE	2.391126352
CAD	nk_cell	<i>SPTLC3</i>	TRUE	2.243734018
CAD	nk_cell	<i>TINCR</i>	TRUE	2.231200556
CAD	nk_cell	<i>HGSNAT</i>	TRUE	2.501557411
CAD	nk_cell	<i>BTN3A3</i>	TRUE	2.013623642
CAD	nk_cell	<i>LRRC46</i>	TRUE	2.465442968

CAD	nk_cell	<i>PLOD1</i>	TRUE	2.041550752
CAD	nk_cell	<i>NSMCE4A</i>	TRUE	2.322121544
CAD	nk_cell	<i>WDYHV1</i>	TRUE	1.962971594
CAD	nk_cell	<i>HAUS1</i>	TRUE	1.969518788
CAD	nk_cell	<i>ARSA</i>	TRUE	2.380874384
CAD	nk_cell	<i>PTK2</i>	TRUE	3.270948207
CAD	nk_cell	<i>PSMG1</i>	TRUE	2.867988422
CAD	nk_cell	<i>FAM227B</i>	TRUE	2.511707372
CAD	pericyte	<i>GLRX</i>	TRUE	3.161441892
CAD	pericyte	<i>EXT2</i>	TRUE	2.571259036
CAD	pericyte	<i>TCHH</i>	TRUE	2.106602138
CAD	pericyte	<i>ZFP69</i>	TRUE	2.216913126
CAD	pericyte	<i>CDK2AP1</i>	TRUE	2.069773766
CAD	pericyte	<i>UBA6</i>	TRUE	2.108434191
CAD	pericyte	<i>SLC25A1</i>	TRUE	2.189488608
CAD	pericyte	<i>ZNF142</i>	TRUE	2.734186539
CAD	pericyte	<i>GLYCTK</i>	TRUE	2.035998248
CAD	pericyte	<i>OLFML3</i>	TRUE	2.350159697
CAD	pericyte	<i>TRIM26</i>	TRUE	2.868465051
CAD	pericyte	<i>FGD6</i>	TRUE	3.166176409
CAD	pericyte	<i>AMPH</i>	TRUE	2.148219114
CAD	pericyte	<i>DERL2</i>	TRUE	2.158672988
CAD	pericyte	<i>CERS2</i>	TRUE	2.018321025
CAD	pericyte	<i>CLTB</i>	TRUE	2.318008879
CAD	pericyte	<i>GSDMD</i>	TRUE	2.274860036
CAD	pericyte	<i>ADSL</i>	TRUE	2.67320929
CAD	pericyte	<i>PCNA</i>	TRUE	2.318126676
CAD	pericyte	<i>PCBD1</i>	TRUE	2.163778021
CAD	pericyte	<i>TXN</i>	TRUE	2.040293335
CAD	pericyte	<i>UCP3</i>	TRUE	2.441320441
CAD	pericyte	<i>CACNG6</i>	TRUE	1.980228727
CAD	SMC	<i>KRT7</i>	TRUE	2.037558595
CAD	SMC	<i>JMJD8</i>	TRUE	2.59605506
CAD	SMC	<i>FAM120B</i>	TRUE	2.367691602
CAD	SMC	<i>SERINC3</i>	TRUE	2.019383165
CAD	SMC	<i>CPNE1</i>	TRUE	2.2098665
CAD	SMC	<i>CEP68</i>	TRUE	2.078015876
CAD	SMC	<i>SSBP2</i>	TRUE	3.166562117
CAD	SMC	<i>LINC00472</i>	TRUE	2.389229847
CAD	SMC	<i>ZNF324</i>	TRUE	2.046517239
CAD	SMC	<i>RPN1</i>	TRUE	1.977138213
CAD	SMC	<i>C14orf2</i>	TRUE	2.267322841
CAD	SMC	<i>CYP2C9</i>	TRUE	2.076228597
CAD	SMC	<i>ANKRD13B</i>	TRUE	2.347441665

CAD	SMC	<i>GDF3</i>	TRUE	2.234544598
CAD	SMC	<i>SEC16A</i>	TRUE	2.31086441
CAD	SMC	<i>ZNF527</i>	TRUE	2.615442169
CAD	SMC	<i>HSD17B12</i>	TRUE	2.878666706
CAD	SMC	<i>HOXA2</i>	TRUE	2.163665493
CAD	SMC	<i>SP1</i>	TRUE	2.261778463
CAD	SMC	<i>F7</i>	TRUE	2.028565054
CAD	t_cell	<i>LNP1</i>	TRUE	2.003764017
CAD	t_cell	<i>SEC14L1</i>	TRUE	2.830388844
CAD	t_cell	<i>ARL6IP1</i>	TRUE	2.359344139
CAD	t_cell	<i>DPF1</i>	TRUE	1.969960165
CAD	t_cell	<i>ZNF720</i>	TRUE	2.040302708
CAD	t_cell	<i>CCDC74A</i>	TRUE	2.237450428
CAD	t_cell	<i>AK1</i>	TRUE	2.006986567
CAD	t_cell	<i>ZNF492</i>	TRUE	2.012545587
CAD	t_cell	<i>S100A9</i>	TRUE	2.990401237
CAD	t_cell	<i>OCN</i>	TRUE	2.164956812
CAD	t_cell	<i>KNOP1</i>	TRUE	2.038824179
CAD	t_cell	<i>ALX4</i>	TRUE	1.982138262
CAD	t_cell	<i>BNIP1</i>	TRUE	2.272434755
CAD	t_cell	<i>HOXC5</i>	TRUE	2.055227632
T2DM	adipocyte	<i>ZC3H15</i>	TRUE	2.136073329
T2DM	adipocyte	<i>RFC2</i>	TRUE	2.686744697
T2DM	adipocyte	<i>SPNS3</i>	TRUE	2.823334181
T2DM	adipocyte	<i>RAB13</i>	TRUE	2.104316605
T2DM	adipocyte	<i>LINC00200</i>	TRUE	1.965682879
T2DM	adipocyte	<i>PRPF31</i>	TRUE	3.042636704
T2DM	adipocyte	<i>LINC01011</i>	TRUE	2.031199186
T2DM	adipocyte	<i>RNPS1</i>	TRUE	2.030286631
T2DM	adipocyte	<i>ATAD3C</i>	TRUE	2.11496326
T2DM	adipocyte	<i>LINC01013</i>	TRUE	2.400579367
T2DM	adipocyte	<i>LRRC46</i>	TRUE	2.217680301
T2DM	adipocyte	<i>NVL</i>	TRUE	2.272260511
T2DM	adipocyte	<i>GBP3</i>	TRUE	2.136113035
T2DM	adipocyte	<i>AP001468.1</i>	TRUE	1.994264529
T2DM	adipocyte	<i>WDYHV1</i>	TRUE	2.267182695
T2DM	adipocyte	<i>CENPU</i>	TRUE	2.847952258
T2DM	adipocyte	<i>HINT1</i>	TRUE	2.207028857
T2DM	ASPC	<i>CCDC169</i>	TRUE	1.983789419
T2DM	ASPC	<i>WFDC2</i>	TRUE	2.207121333
T2DM	ASPC	<i>CKS2</i>	TRUE	2.927382833
T2DM	ASPC	<i>LDHA</i>	TRUE	2.203043358
T2DM	ASPC	<i>RASGRP3</i>	TRUE	2.10834526
T2DM	ASPC	<i>KRT27</i>	TRUE	1.967917086

T2DM	ASPC	<i>LRGUK</i>	TRUE	2.339638465
T2DM	ASPC	<i>ART5</i>	TRUE	2.094248489
T2DM	ASPC	<i>CABLES2</i>	TRUE	2.121054076
T2DM	ASPC	<i>NUP35</i>	TRUE	2.148003497
T2DM	ASPC	<i>CHRFAM7A</i>	TRUE	2.316726065
T2DM	ASPC	<i>TMEM206</i>	TRUE	2.089172094
T2DM	ASPC	<i>CENPP</i>	TRUE	2.075433408
T2DM	ASPC	<i>CDPF1</i>	TRUE	2.257379643
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T2DM	ASPC	<i>HOXC5</i>	TRUE	2.413216285
T2DM	b_cell	<i>TMEM39B</i>	TRUE	2.032665527
T2DM	b_cell	<i>PUS7L</i>	TRUE	2.518034994
T2DM	b_cell	<i>ANP32A</i>	TRUE	1.982875805
T2DM	b_cell	<i>C19orf53</i>	TRUE	2.144670445
T2DM	b_cell	<i>CTUI</i>	TRUE	2.192507851
T2DM	b_cell	<i>TFCP2L1</i>	TRUE	1.989015334
T2DM	b_cell	<i>MCM6</i>	TRUE	1.967108303
T2DM	b_cell	<i>BEAN1</i>	TRUE	2.084547085
T2DM	b_cell	<i>PVR</i>	TRUE	2.211809599
T2DM	b_cell	<i>ZNF23</i>	TRUE	2.104165794
T2DM	b_cell	<i>RGMB</i>	TRUE	2.583406046
T2DM	b_cell	<i>CASC1</i>	TRUE	2.091274246
T2DM	b_cell	<i>PTPRR</i>	TRUE	2.448075104
T2DM	b_cell	<i>HRNR</i>	TRUE	2.233832973
T2DM	b_cell	<i>DNAJC21</i>	TRUE	2.236971214
T2DM	b_cell	<i>IFI27L2</i>	TRUE	2.088445086
T2DM	dendritic_cell	<i>CCDC154</i>	TRUE	1.993510876
T2DM	dendritic_cell	<i>RMI2</i>	TRUE	2.690544408
T2DM	dendritic_cell	<i>DDX52</i>	TRUE	2.223020644
T2DM	dendritic_cell	<i>FAM161B</i>	TRUE	2.264310012
T2DM	dendritic_cell	<i>FBXL18</i>	TRUE	2.019339228
T2DM	dendritic_cell	<i>NPHP4</i>	TRUE	2.10975581
T2DM	dendritic_cell	<i>FAM131B</i>	TRUE	2.26446405
T2DM	dendritic_cell	<i>TLR3</i>	TRUE	2.14197144
T2DM	dendritic_cell	<i>ENPP3</i>	TRUE	1.988977075
T2DM	dendritic_cell	<i>LINC01011</i>	TRUE	2.297082311
T2DM	dendritic_cell	<i>ZNF581</i>	TRUE	2.162919476
T2DM	dendritic_cell	<i>EPHA7</i>	TRUE	1.979160415
T2DM	dendritic_cell	<i>PDE6G</i>	TRUE	2.329162271
T2DM	dendritic_cell	<i>ARL3</i>	TRUE	2.562344369
T2DM	dendritic_cell	<i>ARHGEF10</i>	TRUE	2.026510392
T2DM	dendritic_cell	<i>PTTG1IP</i>	TRUE	2.048688706
T2DM	dendritic_cell	<i>PLOD1</i>	TRUE	2.110977059
T2DM	dendritic_cell	<i>ARMC1</i>	TRUE	2.001143442

T2DM	dendritic_cell	<i>TIMM44</i>	TRUE	2.223284516
T2DM	dendritic_cell	<i>SMAGP</i>	TRUE	2.634243687
T2DM	endothelial	<i>SPTA1</i>	TRUE	2.409444848
T2DM	endothelial	<i>ZRSR1</i>	TRUE	2.158751515
T2DM	endothelial	<i>PLCB2</i>	TRUE	2.012791178
T2DM	endothelial	<i>STX2</i>	TRUE	2.113924537
T2DM	endothelial	<i>FAM160A2</i>	TRUE	2.394129878
T2DM	endothelial	<i>ANKK1</i>	TRUE	2.00274423
T2DM	endothelial	<i>HIGD2A</i>	TRUE	2.63452091
T2DM	endothelial	<i>GAL3ST2</i>	TRUE	2.737116868
T2DM	endothelial	<i>FAM169A</i>	TRUE	2.001735332
T2DM	endothelial	<i>TFCP2L1</i>	TRUE	1.977220194
T2DM	endothelial	<i>HDHD3</i>	TRUE	1.995718231
T2DM	endothelial	<i>C14orf2</i>	TRUE	2.054048922
T2DM	endothelial	<i>ENGASE</i>	TRUE	2.830092516
T2DM	endothelial	<i>EPHB6</i>	TRUE	2.389942007
T2DM	endothelial	<i>CHMP2B</i>	TRUE	2.008708605
T2DM	endothelial	<i>GALC</i>	TRUE	2.373620274
T2DM	endothelial	<i>FBN2</i>	TRUE	2.132602641
T2DM	endothelial	<i>SPTLC1</i>	TRUE	2.178491815
T2DM	endothelial	<i>ADCK2</i>	TRUE	2.190055298
T2DM	endothelial	<i>RAD9A</i>	TRUE	1.974454846
T2DM	endothelial	<i>NUTM2A</i>	TRUE	1.970060086
T2DM	LEC	<i>C10orf95</i>	TRUE	2.72025484
T2DM	LEC	<i>U2AF1</i>	TRUE	2.289807301
T2DM	LEC	<i>PHYHD1</i>	TRUE	1.975337734
T2DM	LEC	<i>ZNF142</i>	TRUE	2.354578706
T2DM	LEC	<i>ZNF324</i>	TRUE	2.289024595
T2DM	LEC	<i>NXF1</i>	TRUE	2.143286531
T2DM	LEC	<i>FAM180B</i>	TRUE	1.988179904
T2DM	LEC	<i>TNIP2</i>	TRUE	2.488181642
T2DM	LEC	<i>ZFP37</i>	TRUE	3.266385632
T2DM	LEC	<i>ACAD9</i>	TRUE	1.986123806
T2DM	LEC	<i>TMEM110</i>	TRUE	2.287289768
T2DM	LEC	<i>MIS18BP1</i>	TRUE	2.484024342
T2DM	LEC	<i>TTF2</i>	TRUE	2.029191928
T2DM	LEC	<i>ATPAF2</i>	TRUE	2.303130708
T2DM	LEC	<i>NUDT4</i>	TRUE	1.994632006
T2DM	LEC	<i>ZNF425</i>	TRUE	2.428566121
T2DM	LEC	<i>RSPO4</i>	TRUE	2.209005815
T2DM	LEC	<i>ABLIM3</i>	TRUE	2.737442237
T2DM	macrophage	<i>EXTL2</i>	TRUE	2.393817607
T2DM	macrophage	<i>DNPH1</i>	TRUE	1.978566623
T2DM	macrophage	<i>NOMO3</i>	TRUE	2.359128952

T2DM	macrophage	<i>FBLN7</i>	TRUE	2.127449367
T2DM	macrophage	<i>FAM126B</i>	TRUE	2.990215108
T2DM	macrophage	<i>TLR5</i>	TRUE	2.1531298
T2DM	macrophage	<i>TIMP4</i>	TRUE	2.224902281
T2DM	macrophage	<i>GAS2L1</i>	TRUE	2.184855145
T2DM	macrophage	<i>AGT</i>	TRUE	2.127837952
T2DM	macrophage	<i>MAATS1</i>	TRUE	2.044564012
T2DM	macrophage	<i>LGALS8</i>	TRUE	3.270561123
T2DM	macrophage	<i>KIAA1211L</i>	TRUE	3.025587791
T2DM	macrophage	<i>TF</i>	TRUE	2.462620086
T2DM	macrophage	<i>STRC</i>	TRUE	2.025259527
T2DM	macrophage	<i>TMEM206</i>	TRUE	2.13548833
T2DM	macrophage	<i>TTC21B</i>	TRUE	2.690399289
T2DM	macrophage	<i>NDRG3</i>	TRUE	2.611606474
T2DM	macrophage	<i>SHISA4</i>	TRUE	2.319766067
T2DM	mast_cell	<i>ZFYVE28</i>	TRUE	3.229859383
T2DM	mast_cell	<i>TMEM241</i>	TRUE	2.030712613
T2DM	mast_cell	<i>KCTD10</i>	TRUE	2.07138867
T2DM	mast_cell	<i>CEP89</i>	TRUE	2.106877495
T2DM	mast_cell	<i>ERII</i>	TRUE	2.429163366
T2DM	mast_cell	<i>TMEM8B</i>	TRUE	2.280888266
T2DM	mast_cell	<i>MSH5</i>	TRUE	2.266247543
T2DM	mast_cell	<i>DISP1</i>	TRUE	2.222215575
T2DM	mast_cell	<i>SPECC1L</i>	TRUE	3.024999145
T2DM	mast_cell	<i>POT1</i>	TRUE	2.574707203
T2DM	mast_cell	<i>TMEM176A</i>	TRUE	2.010743765
T2DM	mast_cell	<i>RBCK1</i>	TRUE	2.207865306
T2DM	mast_cell	<i>NUDT21</i>	TRUE	2.081108983
T2DM	mast_cell	<i>DRAM1</i>	TRUE	2.073202889
T2DM	mast_cell	<i>SNHG8</i>	TRUE	2.008588462
T2DM	mast_cell	<i>ATL3</i>	TRUE	2.29132947
T2DM	mast_cell	<i>NIM1K</i>	TRUE	2.549201874
T2DM	mast_cell	<i>SPAG7</i>	TRUE	2.333612242
T2DM	mast_cell	<i>DNPEP</i>	TRUE	2.082752497
T2DM	mast_cell	<i>PSMG1</i>	TRUE	2.008157291
T2DM	monocyte	<i>FAM207A</i>	TRUE	2.01332487
T2DM	monocyte	<i>TSPAN15</i>	TRUE	2.010343853
T2DM	monocyte	<i>FAN1</i>	TRUE	2.052821456
T2DM	monocyte	<i>SEC14L1</i>	TRUE	2.143077204
T2DM	monocyte	<i>MERTK</i>	TRUE	2.526804689
T2DM	monocyte	<i>SLC5A11</i>	TRUE	2.649315694
T2DM	monocyte	<i>LINC00565</i>	TRUE	2.848167542
T2DM	monocyte	<i>DDO</i>	TRUE	2.182950128
T2DM	monocyte	<i>PIGV</i>	TRUE	2.066397109

T2DM	monocyte	<i>LEFTY1</i>	TRUE	2.014930749
T2DM	monocyte	<i>LRRCC1</i>	TRUE	1.97534844
T2DM	monocyte	<i>KLRD1</i>	TRUE	2.610709852
T2DM	monocyte	<i>GOLGA8Q</i>	TRUE	2.371423621
T2DM	monocyte	<i>BEAN1</i>	TRUE	1.963226458
T2DM	monocyte	<i>SEPHS1</i>	TRUE	2.061845289
T2DM	monocyte	<i>CACNG6</i>	TRUE	2.014130027
T2DM	neutrophil	<i>MRPL38</i>	TRUE	2.109511086
T2DM	neutrophil	<i>EMG1</i>	TRUE	2.369510029
T2DM	neutrophil	<i>THOC5</i>	TRUE	3.012335118
T2DM	neutrophil	<i>FAM103A1</i>	TRUE	2.179858201
T2DM	neutrophil	<i>UBTD2</i>	TRUE	2.053908693
T2DM	neutrophil	<i>TNFSF12</i>	TRUE	3.206064201
T2DM	neutrophil	<i>PP2D1</i>	TRUE	2.115350086
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T2DM	neutrophil	<i>GPR75</i>	TRUE	1.971746107
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T2DM	neutrophil	<i>ZNF335</i>	TRUE	2.182798027
T2DM	neutrophil	<i>ABHD11</i>	TRUE	2.601697993
T2DM	neutrophil	<i>FBN2</i>	TRUE	2.206358145
T2DM	neutrophil	<i>AADAT</i>	TRUE	2.259479456
T2DM	neutrophil	<i>VCPKMT</i>	TRUE	2.17905089
T2DM	neutrophil	<i>CENPO</i>	TRUE	2.223158786
T2DM	neutrophil	<i>AOC3</i>	TRUE	2.015437279
T2DM	neutrophil	<i>SLC25A41</i>	TRUE	1.987513298
T2DM	neutrophil	<i>IGHMBP2</i>	TRUE	2.147715514
T2DM	neutrophil	<i>FASTKD3</i>	TRUE	2.868620504
T2DM	neutrophil	<i>CCDC13</i>	TRUE	2.277698659
T2DM	nk_cell	<i>TULP1</i>	TRUE	2.073291188
T2DM	nk_cell	<i>NSA2</i>	TRUE	2.072830592
T2DM	nk_cell	<i>MED13</i>	TRUE	2.182471698
T2DM	nk_cell	<i>MYO18A</i>	TRUE	2.548038372
T2DM	nk_cell	<i>THOC5</i>	TRUE	2.122065429
T2DM	nk_cell	<i>CD72</i>	TRUE	2.196900749
T2DM	nk_cell	<i>CCDC74A</i>	TRUE	1.967133949
T2DM	nk_cell	<i>PARP14</i>	TRUE	2.040552877
T2DM	nk_cell	<i>NDUFS5</i>	TRUE	2.115090076
T2DM	nk_cell	<i>C8orf37</i>	TRUE	2.279904848
T2DM	nk_cell	<i>GARNL3</i>	TRUE	2.600482603
T2DM	pericyte	<i>JMJD8</i>	TRUE	1.973576703
T2DM	pericyte	<i>HBZ</i>	TRUE	2.900474208
T2DM	pericyte	<i>ZNF25</i>	TRUE	2.030105104
T2DM	pericyte	<i>PNPO</i>	TRUE	3.128642537
T2DM	pericyte	<i>PIGQ</i>	TRUE	2.210333725

T2DM	pericyte	<i>TAP2</i>	TRUE	3.044509668
T2DM	pericyte	<i>KHK</i>	TRUE	2.339278907
T2DM	pericyte	<i>DHX58</i>	TRUE	2.148689607
T2DM	pericyte	<i>ZNF142</i>	TRUE	2.724916956
T2DM	pericyte	<i>HIGD2A</i>	TRUE	2.4479026
T2DM	pericyte	<i>SRP19</i>	TRUE	2.240263292
T2DM	pericyte	<i>THOC5</i>	TRUE	2.809474451
T2DM	pericyte	<i>GAL3ST2</i>	TRUE	2.087612513
T2DM	pericyte	<i>TMEM59</i>	TRUE	2.145098342
T2DM	pericyte	<i>C12orf43</i>	TRUE	2.038606304
T2DM	pericyte	<i>TRPM6</i>	TRUE	2.102767172
T2DM	pericyte	<i>SPATA5L1</i>	TRUE	2.081566633
T2DM	pericyte	<i>CDC27</i>	TRUE	2.69520119
T2DM	pericyte	<i>NSMCE4A</i>	TRUE	2.275651221
T2DM	pericyte	<i>HOOK1</i>	TRUE	2.163248292
T2DM	pericyte	<i>PCBD1</i>	TRUE	2.152372803
T2DM	pericyte	<i>ATXN2</i>	TRUE	1.998003219
T2DM	pericyte	<i>LINC01068</i>	TRUE	2.140061221
T2DM	pericyte	<i>SLC25A41</i>	TRUE	2.527706244
T2DM	pericyte	<i>NDUFAF1</i>	TRUE	2.584089425
T2DM	SMC	<i>OMA1</i>	TRUE	2.041502122
T2DM	SMC	<i>ACP2</i>	TRUE	1.962528284
T2DM	SMC	<i>NOMO1</i>	TRUE	2.267943998
T2DM	SMC	<i>WFDC2</i>	TRUE	2.159012731
T2DM	SMC	<i>NDUFB4</i>	TRUE	2.022726947
T2DM	SMC	<i>SLC5A11</i>	TRUE	1.981046997
T2DM	SMC	<i>XAB2</i>	TRUE	2.09848672
T2DM	SMC	<i>CAMLG</i>	TRUE	2.071311968
T2DM	SMC	<i>GALT</i>	TRUE	2.764775745
T2DM	SMC	<i>OLFML3</i>	TRUE	1.962274106
T2DM	SMC	<i>ZKSCAN8</i>	TRUE	2.653384759
T2DM	SMC	<i>VPS41</i>	TRUE	2.216114376
T2DM	SMC	<i>MORN4</i>	TRUE	3.307635753
T2DM	SMC	<i>LINC01023</i>	TRUE	2.078824998
T2DM	SMC	<i>HSD17B12</i>	TRUE	2.500668016
T2DM	SMC	<i>PIK3R4</i>	TRUE	2.379768443
T2DM	SMC	<i>PCDHA6</i>	TRUE	2.20283785
T2DM	t_cell	<i>ZFHX4</i>	TRUE	2.2325805
T2DM	t_cell	<i>WIP1I</i>	TRUE	2.671985937
T2DM	t_cell	<i>PDZD8</i>	TRUE	1.982809499
T2DM	t_cell	<i>FAM83F</i>	TRUE	1.970673893
T2DM	t_cell	<i>ARL6IP1</i>	TRUE	2.084113542
T2DM	t_cell	<i>LIPC</i>	TRUE	2.529066822
T2DM	t_cell	<i>URB1</i>	TRUE	2.083824063

T2DM	t_cell	<i>INSRR</i>	TRUE	2.578350187
T2DM	t_cell	<i>TMEM59</i>	TRUE	2.055869102
T2DM	t_cell	<i>CMTR2</i>	TRUE	2.357937165
T2DM	t_cell	<i>BEAN1</i>	TRUE	2.026500798
T2DM	t_cell	<i>MARVELD3</i>	TRUE	2.268019694
T2DM	t_cell	<i>MICB</i>	TRUE	2.001796132
T2DM	t_cell	<i>FBLN5</i>	TRUE	2.669846272
T2DM	t_cell	<i>CHI3L2</i>	TRUE	2.301011818
T2DM	t_cell	<i>ADAMTS13</i>	TRUE	2.636120442
T2DM	t_cell	<i>EFTUD2</i>	TRUE	2.112848991
Hypertension	adipocyte	<i>GLRX</i>	TRUE	2.138149099
Hypertension	adipocyte	<i>RPS13</i>	TRUE	2.390163597
Hypertension	adipocyte	<i>RMI2</i>	TRUE	2.550298679
Hypertension	adipocyte	<i>CCDC25</i>	TRUE	1.98368888
Hypertension	adipocyte	<i>BLOC1S1</i>	TRUE	2.124964934
Hypertension	adipocyte	<i>CCL19</i>	TRUE	2.071059621
Hypertension	adipocyte	<i>TRIM68</i>	TRUE	2.686861897
Hypertension	adipocyte	<i>NOC4L</i>	TRUE	2.141730082
Hypertension	adipocyte	<i>TAF11</i>	TRUE	2.173181292
Hypertension	adipocyte	<i>CDC34</i>	TRUE	2.065050299
Hypertension	adipocyte	<i>MTMR11</i>	TRUE	2.046088753
Hypertension	adipocyte	<i>MCM6</i>	TRUE	2.038965485
Hypertension	adipocyte	<i>C4orf3</i>	TRUE	2.042395517
Hypertension	adipocyte	<i>DHODH</i>	TRUE	2.057281837
Hypertension	adipocyte	<i>SGSH</i>	TRUE	2.184797699
Hypertension	adipocyte	<i>HCG22</i>	TRUE	2.154818455
Hypertension	adipocyte	<i>GSDMD</i>	TRUE	2.128861424
Hypertension	adipocyte	<i>ZNF335</i>	TRUE	2.549737268
Hypertension	adipocyte	<i>TM2D3</i>	TRUE	2.324897761
Hypertension	adipocyte	<i>ASPG</i>	TRUE	2.032134957
Hypertension	adipocyte	<i>TIPIN</i>	TRUE	3.147773389
Hypertension	adipocyte	<i>ADCK2</i>	TRUE	2.154459869
Hypertension	adipocyte	<i>PTK2</i>	TRUE	2.050173399
Hypertension	adipocyte	<i>FASTKD3</i>	TRUE	2.006274405
Hypertension	ASPC	<i>TGM2</i>	TRUE	2.136839634
Hypertension	ASPC	<i>LINC00663</i>	TRUE	2.151544433
Hypertension	ASPC	<i>PYCR2</i>	TRUE	2.463295703
Hypertension	ASPC	<i>CD27</i>	TRUE	2.426652975
Hypertension	ASPC	<i>CTNNBL1</i>	TRUE	2.234300541
Hypertension	ASPC	<i>CEACAM6</i>	TRUE	3.212825392
Hypertension	ASPC	<i>TNFSF12</i>	TRUE	2.942000165
Hypertension	ASPC	<i>DERL2</i>	TRUE	2.215552916
Hypertension	ASPC	<i>ACER3</i>	TRUE	2.616076933
Hypertension	ASPC	<i>WEE2</i>	TRUE	1.963198757

Hypertension	ASPC	<i>CELSR1</i>	TRUE	2.068532305
Hypertension	ASPC	<i>FAHD2A</i>	TRUE	2.138438928
Hypertension	ASPC	<i>ZNF623</i>	TRUE	2.119159324
Hypertension	ASPC	<i>C8orf37</i>	TRUE	2.699684984
Hypertension	ASPC	<i>ADH1A</i>	TRUE	1.994025233
Hypertension	ASPC	<i>ITGB6</i>	TRUE	2.706939041
Hypertension	ASPC	<i>FAP</i>	TRUE	2.122600081
Hypertension	ASPC	<i>SVEP1</i>	TRUE	2.053250355
Hypertension	b_cell	<i>PMS1</i>	TRUE	2.114642607
Hypertension	b_cell	<i>SMYD5</i>	TRUE	3.241072629
Hypertension	b_cell	<i>PCDHGA6</i>	TRUE	2.466070958
Hypertension	b_cell	<i>SGCG</i>	TRUE	2.681874692
Hypertension	b_cell	<i>ACTR1B</i>	TRUE	2.257926802
Hypertension	b_cell	<i>ASIC3</i>	TRUE	2.460460217
Hypertension	b_cell	<i>KIAA0825</i>	TRUE	2.247486696
Hypertension	b_cell	<i>ZFP1</i>	TRUE	2.248403329
Hypertension	b_cell	<i>RNF165</i>	TRUE	2.42544499
Hypertension	b_cell	<i>NBN</i>	TRUE	2.693836248
Hypertension	b_cell	<i>WDR25</i>	TRUE	2.080780465
Hypertension	b_cell	<i>COPS6</i>	TRUE	2.463589713
Hypertension	b_cell	<i>EXO5</i>	TRUE	2.003173695
Hypertension	b_cell	<i>ITIH4</i>	TRUE	2.690908704
Hypertension	dendritic_cell	<i>DUSP22</i>	TRUE	2.169400593
Hypertension	dendritic_cell	<i>INPP5B</i>	TRUE	2.126699594
Hypertension	dendritic_cell	<i>NPHP4</i>	TRUE	2.14129089
Hypertension	dendritic_cell	<i>RAB2B</i>	TRUE	1.97690363
Hypertension	dendritic_cell	<i>CEP72</i>	TRUE	2.054526361
Hypertension	dendritic_cell	<i>VEGFB</i>	TRUE	2.933698243
Hypertension	dendritic_cell	<i>SCAMP2</i>	TRUE	2.240911469
Hypertension	dendritic_cell	<i>TRUB1</i>	TRUE	1.974548791
Hypertension	dendritic_cell	<i>CCDC74A</i>	TRUE	2.301132478
Hypertension	dendritic_cell	<i>TFCP2L1</i>	TRUE	2.560666289
Hypertension	dendritic_cell	<i>WDR88</i>	TRUE	2.679164463
Hypertension	dendritic_cell	<i>CTU2</i>	TRUE	2.565714937
Hypertension	dendritic_cell	<i>ZNF781</i>	TRUE	2.338382855
Hypertension	dendritic_cell	<i>LGALS8</i>	TRUE	2.313235196
Hypertension	dendritic_cell	<i>CH25H</i>	TRUE	2.502118918
Hypertension	dendritic_cell	<i>SUPT3H</i>	TRUE	2.228661372
Hypertension	dendritic_cell	<i>IRX2</i>	TRUE	1.981820204
Hypertension	endothelial	<i>PDE1C</i>	TRUE	2.473644903
Hypertension	endothelial	<i>KDM4C</i>	TRUE	2.367761568
Hypertension	endothelial	<i>GOLGA8Q</i>	TRUE	2.945790388
Hypertension	endothelial	<i>DNA2</i>	TRUE	2.522791354
Hypertension	endothelial	<i>TRIM24</i>	TRUE	2.097805018

Hypertension	endothelial	<i>NSMCE4A</i>	TRUE	2.280171183
Hypertension	endothelial	<i>DCTN5</i>	TRUE	2.504063869
Hypertension	endothelial	<i>FAHD2A</i>	TRUE	1.971073752
Hypertension	LEC	<i>PDPR</i>	TRUE	2.030059214
Hypertension	LEC	<i>PBX1</i>	TRUE	2.081701059
Hypertension	LEC	<i>NMUR1</i>	TRUE	2.087062376
Hypertension	LEC	<i>TFCP2L1</i>	TRUE	2.021797099
Hypertension	LEC	<i>NARF</i>	TRUE	1.996785726
Hypertension	LEC	<i>ZMPSTE24</i>	TRUE	2.284459567
Hypertension	LEC	<i>ZNF563</i>	TRUE	2.161664062
Hypertension	LEC	<i>PCDHA10</i>	TRUE	2.439924491
Hypertension	LEC	<i>ATP6V1E2</i>	TRUE	2.557612422
Hypertension	LEC	<i>ABCF3</i>	TRUE	2.722450791
Hypertension	LEC	<i>HHLA3</i>	TRUE	2.510913089
Hypertension	LEC	<i>TRMT112</i>	TRUE	2.175162289
Hypertension	LEC	<i>CSRNP3</i>	TRUE	2.014035107
Hypertension	LEC	<i>UBXN4</i>	TRUE	2.455013783
Hypertension	LEC	<i>HRNR</i>	TRUE	2.103186988
Hypertension	LEC	<i>LSR</i>	TRUE	2.001230666
Hypertension	macrophage	<i>RNF219</i>	TRUE	2.281616214
Hypertension	macrophage	<i>EXTL2</i>	TRUE	2.770173531
Hypertension	macrophage	<i>RTN2</i>	TRUE	2.033234063
Hypertension	macrophage	<i>FOLR3</i>	TRUE	2.139875606
Hypertension	macrophage	<i>GNPDA2</i>	TRUE	2.17693617
Hypertension	macrophage	<i>ZCCHC11</i>	TRUE	2.14839669
Hypertension	macrophage	<i>GLS</i>	TRUE	2.510324141
Hypertension	macrophage	<i>NACAD</i>	TRUE	2.089958193
Hypertension	macrophage	<i>NVL</i>	TRUE	2.031255222
Hypertension	macrophage	<i>YKT6</i>	TRUE	1.995454131
Hypertension	macrophage	<i>C19orf33</i>	TRUE	2.313541615
Hypertension	macrophage	<i>RABL2B</i>	TRUE	2.080912026
Hypertension	macrophage	<i>GAS2L2</i>	TRUE	2.205854398
Hypertension	macrophage	<i>OSBPL10</i>	TRUE	2.06180011
Hypertension	macrophage	<i>ADH1A</i>	TRUE	2.082405551
Hypertension	macrophage	<i>MMACHC</i>	TRUE	2.272971027
Hypertension	macrophage	<i>CTDSPL</i>	TRUE	2.178267959
Hypertension	macrophage	<i>METTL18</i>	TRUE	2.211122108
Hypertension	macrophage	<i>NDRG3</i>	TRUE	2.38837136
Hypertension	mast_cell	<i>ERII</i>	TRUE	3.288477529
Hypertension	mast_cell	<i>ZRSR1</i>	TRUE	2.079680522
Hypertension	mast_cell	<i>ATP6V0D2</i>	TRUE	2.185000608
Hypertension	mast_cell	<i>ZDHHC8</i>	TRUE	2.692641616
Hypertension	mast_cell	<i>GNPDA2</i>	TRUE	2.012979398
Hypertension	mast_cell	<i>ZNF775</i>	TRUE	1.97767805

Hypertension	mast_cell	<i>TAF11</i>	TRUE	2.329041371
Hypertension	mast_cell	<i>MSH5</i>	TRUE	2.558319433
Hypertension	mast_cell	<i>ZNF324</i>	TRUE	2.040022548
Hypertension	mast_cell	<i>WDR88</i>	TRUE	2.253135135
Hypertension	mast_cell	<i>SPECC1L</i>	TRUE	2.736601548
Hypertension	mast_cell	<i>ZNF311</i>	TRUE	2.302144982
Hypertension	mast_cell	<i>CCT8</i>	TRUE	2.208327685
Hypertension	mast_cell	<i>COL28A1</i>	TRUE	2.136297255
Hypertension	mast_cell	<i>MGST3</i>	TRUE	2.01973709
Hypertension	mast_cell	<i>ACAD9</i>	TRUE	2.173846931
Hypertension	mast_cell	<i>ZNF816</i>	TRUE	2.260674643
Hypertension	mast_cell	<i>TMEM206</i>	TRUE	2.137531639
Hypertension	mast_cell	<i>AKR7A2</i>	TRUE	2.017428039
Hypertension	monocyte	<i>COX6B1</i>	TRUE	2.139420693
Hypertension	monocyte	<i>NMUR1</i>	TRUE	2.471199769
Hypertension	monocyte	<i>UTS2</i>	TRUE	2.546997399
Hypertension	monocyte	<i>ZMPSTE24</i>	TRUE	2.000671095
Hypertension	monocyte	<i>NKD2</i>	TRUE	2.419319049
Hypertension	monocyte	<i>ACP6</i>	TRUE	2.47786384
Hypertension	monocyte	<i>GNPTG</i>	TRUE	2.475302712
Hypertension	monocyte	<i>PCDHGA5</i>	TRUE	1.992542131
Hypertension	monocyte	<i>FARSA</i>	TRUE	2.234534067
Hypertension	monocyte	<i>MCM8</i>	TRUE	2.116629
Hypertension	monocyte	<i>CH25H</i>	TRUE	2.091174829
Hypertension	neutrophil	<i>NOMO1</i>	TRUE	2.384877454
Hypertension	neutrophil	<i>LINC00545</i>	TRUE	2.777701583
Hypertension	neutrophil	<i>ZFP69</i>	TRUE	2.111466592
Hypertension	neutrophil	<i>UBL7</i>	TRUE	2.027353577
Hypertension	neutrophil	<i>CMTM3</i>	TRUE	2.555653114
Hypertension	neutrophil	<i>NAP1L5</i>	TRUE	2.129914307
Hypertension	neutrophil	<i>CBX1</i>	TRUE	2.005481271
Hypertension	neutrophil	<i>UTS2</i>	TRUE	2.04584941
Hypertension	neutrophil	<i>GHR</i>	TRUE	1.970523952
Hypertension	neutrophil	<i>BMP2</i>	TRUE	2.08542342
Hypertension	neutrophil	<i>SLC16A7</i>	TRUE	2.280405226
Hypertension	neutrophil	<i>ZNF763</i>	TRUE	2.959980984
Hypertension	neutrophil	<i>RIBC2</i>	TRUE	2.487368179
Hypertension	neutrophil	<i>PPME1</i>	TRUE	2.295514831
Hypertension	neutrophil	<i>ZNF23</i>	TRUE	2.169762863
Hypertension	neutrophil	<i>SCNN1A</i>	TRUE	2.186838578
Hypertension	neutrophil	<i>DDT</i>	TRUE	2.479233997
Hypertension	neutrophil	<i>ALG1L</i>	TRUE	2.165917505
Hypertension	neutrophil	<i>PCNA</i>	TRUE	2.379175184
Hypertension	neutrophil	<i>ZDHHC20</i>	TRUE	2.82008943

Hypertension	nk_cell	<i>RPS13</i>	TRUE	2.318886266
Hypertension	nk_cell	<i>AP000347.2</i>	TRUE	2.013982404
Hypertension	nk_cell	<i>PCDHB6</i>	TRUE	1.98913817
Hypertension	nk_cell	<i>U91324.1</i>	TRUE	2.606192566
Hypertension	nk_cell	<i>SASS6</i>	TRUE	2.224693385
Hypertension	nk_cell	<i>CLCC1</i>	TRUE	2.240707246
Hypertension	nk_cell	<i>CD72</i>	TRUE	2.315534153
Hypertension	nk_cell	<i>FOXI2</i>	TRUE	2.206008863
Hypertension	nk_cell	<i>C10orf107</i>	TRUE	2.094809971
Hypertension	nk_cell	<i>C14orf2</i>	TRUE	2.050782683
Hypertension	nk_cell	<i>EMC4</i>	TRUE	2.083332089
Hypertension	nk_cell	<i>HUS1</i>	TRUE	2.034237125
Hypertension	nk_cell	<i>TMEM110</i>	TRUE	2.046080644
Hypertension	nk_cell	<i>NSMCE4A</i>	TRUE	2.001370864
Hypertension	nk_cell	<i>H2AFV</i>	TRUE	2.241478332
Hypertension	nk_cell	<i>CPEB1</i>	TRUE	2.465784797
Hypertension	nk_cell	<i>TMEM39A</i>	TRUE	2.032391792
Hypertension	nk_cell	<i>RNF7</i>	TRUE	2.237475292
Hypertension	nk_cell	<i>STYXL1</i>	TRUE	2.503056176
Hypertension	nk_cell	<i>PSMG1</i>	TRUE	2.240104715
Hypertension	pericyte	<i>PLGLB2</i>	TRUE	2.131548628
Hypertension	pericyte	<i>EYA3</i>	TRUE	2.016574117
Hypertension	pericyte	<i>RPS3</i>	TRUE	1.960242658
Hypertension	pericyte	<i>DNAJC16</i>	TRUE	2.425675666
Hypertension	pericyte	<i>POC5</i>	TRUE	2.615627668
Hypertension	pericyte	<i>PAWR</i>	TRUE	2.449351151
Hypertension	pericyte	<i>DOCK7</i>	TRUE	2.077200738
Hypertension	pericyte	<i>PRDM15</i>	TRUE	1.985925482
Hypertension	pericyte	<i>ZNF142</i>	TRUE	2.092365527
Hypertension	pericyte	<i>IL20RB</i>	TRUE	2.60831946
Hypertension	pericyte	<i>ZNF143</i>	TRUE	2.08609712
Hypertension	pericyte	<i>MCRS1</i>	TRUE	2.183316466
Hypertension	pericyte	<i>SLC25A34</i>	TRUE	2.059899504
Hypertension	pericyte	<i>SEPHS1</i>	TRUE	2.403223683
Hypertension	pericyte	<i>TAF13</i>	TRUE	3.138846211
Hypertension	pericyte	<i>GREB1L</i>	TRUE	2.064434662
Hypertension	pericyte	<i>PKN1</i>	TRUE	2.262405758
Hypertension	pericyte	<i>BCHE</i>	TRUE	2.815210573
Hypertension	pericyte	<i>NDUFAF1</i>	TRUE	2.218994332
Hypertension	pericyte	<i>FAM198A</i>	TRUE	2.058847804
Hypertension	SMC	<i>MEA1</i>	TRUE	2.781427801
Hypertension	SMC	<i>TMEM17</i>	TRUE	2.013788382
Hypertension	SMC	<i>CD274</i>	TRUE	2.394960504
Hypertension	SMC	<i>MMRN1</i>	TRUE	2.097150579

Hypertension	SMC	<i>GALNT4</i>	TRUE	3.135457575
Hypertension	SMC	<i>NPHP4</i>	TRUE	2.069705018
Hypertension	SMC	<i>ENPP4</i>	TRUE	2.423992999
Hypertension	SMC	<i>TICRR</i>	TRUE	1.991826769
Hypertension	SMC	<i>ZNF544</i>	TRUE	2.663884131
Hypertension	SMC	<i>CHMP4C</i>	TRUE	2.305213748
Hypertension	SMC	<i>SPTBN5</i>	TRUE	1.992700424
Hypertension	SMC	<i>GOLGA8Q</i>	TRUE	2.375376475
Hypertension	SMC	<i>PSMB1</i>	TRUE	2.285517915
Hypertension	SMC	<i>CENPQ</i>	TRUE	2.175728611
Hypertension	SMC	<i>ACER3</i>	TRUE	2.554399731
Hypertension	SMC	<i>ADSL</i>	TRUE	2.771448519
Hypertension	SMC	<i>SPSB2</i>	TRUE	2.251494946
Hypertension	SMC	<i>UVSSA</i>	TRUE	2.018423625
Hypertension	SMC	<i>CRTAP</i>	TRUE	2.264678737
Hypertension	SMC	<i>PCNA</i>	TRUE	2.244888021
Hypertension	SMC	<i>TMEM184B</i>	TRUE	2.191534392
Hypertension	SMC	<i>DNPEP</i>	TRUE	2.519858283
Hypertension	SMC	<i>RHBDL3</i>	TRUE	2.226567533
Hypertension	SMC	<i>METTL18</i>	TRUE	2.149936718
Hypertension	t_cell	<i>ENDOU</i>	TRUE	1.976187629
Hypertension	t_cell	<i>GTF2F1</i>	TRUE	2.023738411
Hypertension	t_cell	<i>RASGRF2</i>	TRUE	2.068005549
Hypertension	t_cell	<i>HNRNPA1</i>	TRUE	2.380665883
Hypertension	t_cell	<i>CEP85</i>	TRUE	2.669747203
Hypertension	t_cell	<i>C18orf21</i>	TRUE	2.319494314
Hypertension	t_cell	<i>NBPF9</i>	TRUE	2.570060839
Hypertension	t_cell	<i>STARD3NL</i>	TRUE	2.017794221
Hypertension	t_cell	<i>METTL2A</i>	TRUE	2.170619949
Hypertension	t_cell	<i>MARVELD3</i>	TRUE	2.113829353
Hypertension	t_cell	<i>WBP2</i>	TRUE	2.145347334
Hypertension	t_cell	<i>FKBP7</i>	TRUE	2.107222329
Hypertension	t_cell	<i>GGH</i>	TRUE	2.37495035
Hypertension	t_cell	<i>B3GALT6</i>	TRUE	2.171903286
Heart_Failure	adipocyte	<i>PIGQ</i>	TRUE	2.214844678
Heart_Failure	adipocyte	<i>ACCS</i>	TRUE	1.990717885
Heart_Failure	adipocyte	<i>MAEA</i>	TRUE	2.481036943
Heart_Failure	adipocyte	<i>VIM</i>	TRUE	2.588066696
Heart_Failure	adipocyte	<i>DOPEY1</i>	TRUE	2.778779371
Heart_Failure	adipocyte	<i>ATP5J2</i>	TRUE	2.311025057
Heart_Failure	adipocyte	<i>NME5</i>	TRUE	2.494623372
Heart_Failure	adipocyte	<i>BLOC1S2</i>	TRUE	2.222059169
Heart_Failure	adipocyte	<i>ZNF780A</i>	TRUE	2.605046864
Heart_Failure	adipocyte	<i>KPNA6</i>	TRUE	2.249803137

Heart_Failure	adipocyte	<i>TEKT5</i>	TRUE	2.181857829
Heart_Failure	adipocyte	<i>GPX2</i>	TRUE	2.116549326
Heart_Failure	adipocyte	<i>ARHGEF10</i>	TRUE	2.425321673
Heart_Failure	adipocyte	<i>RFPL3S</i>	TRUE	1.998243824
Heart_Failure	adipocyte	<i>SPATA5L1</i>	TRUE	2.244114799
Heart_Failure	adipocyte	<i>GRIN3B</i>	TRUE	2.11032764
Heart_Failure	adipocyte	<i>WEE2</i>	TRUE	2.163931357
Heart_Failure	adipocyte	<i>STK19</i>	TRUE	2.021633814
Heart_Failure	adipocyte	<i>HCAR1</i>	TRUE	2.18151035
Heart_Failure	ASPC	<i>COX4I2</i>	TRUE	2.223541013
Heart_Failure	ASPC	<i>WFDC2</i>	TRUE	2.069002745
Heart_Failure	ASPC	<i>MPV17L2</i>	TRUE	1.995493984
Heart_Failure	ASPC	<i>RNASEH2B</i>	TRUE	1.963714502
Heart_Failure	ASPC	<i>CCZ1</i>	TRUE	2.08026335
Heart_Failure	ASPC	<i>TRPM4</i>	TRUE	2.069769187
Heart_Failure	ASPC	<i>NME5</i>	TRUE	2.167960991
Heart_Failure	ASPC	<i>APOBEC3C</i>	TRUE	2.682873007
Heart_Failure	ASPC	<i>LRRCC1</i>	TRUE	2.043493915
Heart_Failure	ASPC	<i>U2AF1L4</i>	TRUE	2.253738143
Heart_Failure	ASPC	<i>GRIK2</i>	TRUE	1.982400709
Heart_Failure	ASPC	<i>TMEM59</i>	TRUE	2.668744296
Heart_Failure	ASPC	<i>RNASE6</i>	TRUE	2.269779601
Heart_Failure	ASPC	<i>MCM6</i>	TRUE	2.173238625
Heart_Failure	ASPC	<i>ZNF664</i>	TRUE	2.352501192
Heart_Failure	ASPC	<i>PDE8A</i>	TRUE	2.454733519
Heart_Failure	ASPC	<i>DYDC2</i>	TRUE	2.354133865
Heart_Failure	ASPC	<i>CABLES2</i>	TRUE	2.779901984
Heart_Failure	ASPC	<i>GPR75</i>	TRUE	2.419626285
Heart_Failure	ASPC	<i>GALC</i>	TRUE	2.316096694
Heart_Failure	ASPC	<i>FBLN5</i>	TRUE	2.061812465
Heart_Failure	ASPC	<i>PACSIN3</i>	TRUE	2.190889186
Heart_Failure	ASPC	<i>TIPIN</i>	TRUE	2.157653433
Heart_Failure	ASPC	<i>BAD</i>	TRUE	2.138065783
Heart_Failure	ASPC	<i>EPB41L4A</i>	TRUE	2.011075531
Heart_Failure	ASPC	<i>NF1</i>	TRUE	2.288433237
Heart_Failure	b_cell	<i>SLC35C2</i>	TRUE	2.370224512
Heart_Failure	b_cell	<i>COX4I2</i>	TRUE	2.110074375
Heart_Failure	b_cell	<i>PAX6</i>	TRUE	2.171212497
Heart_Failure	b_cell	<i>TFIP11</i>	TRUE	1.972049752
Heart_Failure	b_cell	<i>DHFR</i>	TRUE	2.174479747
Heart_Failure	b_cell	<i>WARS2</i>	TRUE	2.078552393
Heart_Failure	b_cell	<i>POLR2B</i>	TRUE	2.153319507
Heart_Failure	b_cell	<i>LINC00472</i>	TRUE	2.161726921
Heart_Failure	b_cell	<i>RCAN2</i>	TRUE	2.378480987

Heart_Failure	b_cell	<i>FYCO1</i>	TRUE	2.606064099
Heart_Failure	b_cell	<i>ABCF3</i>	TRUE	2.37007046
Heart_Failure	b_cell	<i>GNB2</i>	TRUE	1.978376494
Heart_Failure	b_cell	<i>FOLH1</i>	TRUE	2.028207587
Heart_Failure	b_cell	<i>SNAPC4</i>	TRUE	2.99643046
Heart_Failure	b_cell	<i>PDE6H</i>	TRUE	2.168763241
Heart_Failure	b_cell	<i>CASC3</i>	TRUE	2.755666472
Heart_Failure	b_cell	<i>CLDN23</i>	TRUE	1.969579162
Heart_Failure	dendritic_cell	<i>AP000347.2</i>	TRUE	2.312498849
Heart_Failure	dendritic_cell	<i>KRT75</i>	TRUE	2.368902379
Heart_Failure	dendritic_cell	<i>LY86</i>	TRUE	2.012294724
Heart_Failure	dendritic_cell	<i>TTC32</i>	TRUE	2.56755016
Heart_Failure	dendritic_cell	<i>ANO1</i>	TRUE	2.764710548
Heart_Failure	dendritic_cell	<i>HEPACAM</i>	TRUE	2.011663897
Heart_Failure	dendritic_cell	<i>PTN</i>	TRUE	2.306563858
Heart_Failure	dendritic_cell	<i>GPRIN1</i>	TRUE	2.448344307
Heart_Failure	dendritic_cell	<i>KPNA6</i>	TRUE	2.28979319
Heart_Failure	dendritic_cell	<i>INSIG2</i>	TRUE	2.131252849
Heart_Failure	dendritic_cell	<i>CD164L2</i>	TRUE	2.125392391
Heart_Failure	dendritic_cell	<i>MBD3</i>	TRUE	2.909672784
Heart_Failure	dendritic_cell	<i>PDE8A</i>	TRUE	2.232912978
Heart_Failure	dendritic_cell	<i>ARL3</i>	TRUE	2.489804192
Heart_Failure	dendritic_cell	<i>LINC00863</i>	TRUE	2.308646633
Heart_Failure	dendritic_cell	<i>IRGM</i>	TRUE	2.270583721
Heart_Failure	dendritic_cell	<i>LGALS8</i>	TRUE	2.976258867
Heart_Failure	dendritic_cell	<i>PLCD1</i>	TRUE	2.730986248
Heart_Failure	dendritic_cell	<i>FAHD2A</i>	TRUE	2.100213113
Heart_Failure	dendritic_cell	<i>NF2</i>	TRUE	2.03150621
Heart_Failure	endothelial	<i>ANXA5</i>	TRUE	3.075203132
Heart_Failure	endothelial	<i>C11orf63</i>	TRUE	2.039727284
Heart_Failure	endothelial	<i>AC016773.1</i>	TRUE	2.287773189
Heart_Failure	endothelial	<i>LY86</i>	TRUE	1.997734187
Heart_Failure	endothelial	<i>SLFN12</i>	TRUE	2.290335698
Heart_Failure	endothelial	<i>LDHA</i>	TRUE	2.573893025
Heart_Failure	endothelial	<i>GNPDA2</i>	TRUE	2.482100276
Heart_Failure	endothelial	<i>OLFML3</i>	TRUE	1.9711954
Heart_Failure	endothelial	<i>ZNF747</i>	TRUE	1.985999587
Heart_Failure	endothelial	<i>FAM103A1</i>	TRUE	2.631259369
Heart_Failure	endothelial	<i>RNF130</i>	TRUE	1.996539966
Heart_Failure	endothelial	<i>BMP2</i>	TRUE	2.100986443
Heart_Failure	endothelial	<i>LSG1</i>	TRUE	2.50034527
Heart_Failure	endothelial	<i>PCDHA10</i>	TRUE	2.153443983
Heart_Failure	endothelial	<i>CHMP2B</i>	TRUE	2.457694746
Heart_Failure	endothelial	<i>RSPH3</i>	TRUE	2.395982997

Heart_Failure	endothelial	<i>CCDC122</i>	TRUE	2.54699254
Heart_Failure	endothelial	<i>MORN4</i>	TRUE	2.689521358
Heart_Failure	endothelial	<i>RITAI</i>	TRUE	2.174819587
Heart_Failure	endothelial	<i>STRC</i>	TRUE	2.019666359
Heart_Failure	endothelial	<i>ITPKA</i>	TRUE	2.178312907
Heart_Failure	endothelial	<i>CALML6</i>	TRUE	2.729260059
Heart_Failure	endothelial	<i>PSMG1</i>	TRUE	2.072630026
Heart_Failure	endothelial	<i>CACNG6</i>	TRUE	2.112270983
Heart_Failure	LEC	<i>ADH4</i>	TRUE	2.091068181
Heart_Failure	LEC	<i>PBX1</i>	TRUE	2.981889419
Heart_Failure	LEC	<i>WPII</i>	TRUE	2.525682793
Heart_Failure	LEC	<i>GALNT3</i>	TRUE	2.354736111
Heart_Failure	LEC	<i>PFDNI</i>	TRUE	2.461890911
Heart_Failure	LEC	<i>LINC00565</i>	TRUE	2.308229224
Heart_Failure	LEC	<i>ANO1</i>	TRUE	2.41051669
Heart_Failure	LEC	<i>NTNG2</i>	TRUE	2.053907378
Heart_Failure	LEC	<i>GRIK2</i>	TRUE	2.101341802
Heart_Failure	LEC	<i>ZNF324</i>	TRUE	2.515327825
Heart_Failure	LEC	<i>CACNB3</i>	TRUE	2.050075407
Heart_Failure	LEC	<i>IFI35</i>	TRUE	2.602852786
Heart_Failure	LEC	<i>SLC23A3</i>	TRUE	2.40445871
Heart_Failure	LEC	<i>PCDHA4</i>	TRUE	1.996851387
Heart_Failure	LEC	<i>ZFP41</i>	TRUE	2.033205312
Heart_Failure	LEC	<i>APBB3</i>	TRUE	2.873919416
Heart_Failure	LEC	<i>KHDC1</i>	TRUE	2.203133258
Heart_Failure	LEC	<i>NDRG3</i>	TRUE	2.513126188
Heart_Failure	macrophage	<i>CREBL2</i>	TRUE	2.408329902
Heart_Failure	macrophage	<i>PBX1</i>	TRUE	2.052675747
Heart_Failure	macrophage	<i>RPS6KL1</i>	TRUE	2.297014201
Heart_Failure	macrophage	<i>MYO18A</i>	TRUE	1.985459038
Heart_Failure	macrophage	<i>PROM2</i>	TRUE	2.512961571
Heart_Failure	macrophage	<i>ERII</i>	TRUE	2.57405822
Heart_Failure	macrophage	<i>TDP1</i>	TRUE	2.062306772
Heart_Failure	macrophage	<i>DSCC1</i>	TRUE	2.774537561
Heart_Failure	macrophage	<i>MCM10</i>	TRUE	1.980341607
Heart_Failure	macrophage	<i>NME5</i>	TRUE	2.090731354
Heart_Failure	macrophage	<i>APOBEC3C</i>	TRUE	2.669753281
Heart_Failure	macrophage	<i>SERINC2</i>	TRUE	2.076945646
Heart_Failure	macrophage	<i>RSPH3</i>	TRUE	2.681937244
Heart_Failure	macrophage	<i>GNPTAB</i>	TRUE	2.244471419
Heart_Failure	macrophage	<i>GRB7</i>	TRUE	2.74290697
Heart_Failure	macrophage	<i>SLC25A41</i>	TRUE	2.368245191
Heart_Failure	mast_cell	<i>AAMDC</i>	TRUE	2.437539634
Heart_Failure	mast_cell	<i>OMAI</i>	TRUE	2.201087635

Heart_Failure	mast_cell	<i>ACD</i>	TRUE	2.222675053
Heart_Failure	mast_cell	<i>CCHCR1</i>	TRUE	2.36833894
Heart_Failure	mast_cell	<i>SPRN</i>	TRUE	2.192768931
Heart_Failure	mast_cell	<i>PPA2</i>	TRUE	2.476488777
Heart_Failure	mast_cell	<i>SRP19</i>	TRUE	2.020811931
Heart_Failure	mast_cell	<i>TCF21</i>	TRUE	2.384231582
Heart_Failure	mast_cell	<i>ZNF483</i>	TRUE	2.342886623
Heart_Failure	mast_cell	<i>POT1</i>	TRUE	2.325141811
Heart_Failure	mast_cell	<i>CLPP</i>	TRUE	2.039243137
Heart_Failure	mast_cell	<i>CDK5RAP3</i>	TRUE	2.369748289
Heart_Failure	mast_cell	<i>OCEL1</i>	TRUE	3.025799624
Heart_Failure	mast_cell	<i>TEKT5</i>	TRUE	2.721583116
Heart_Failure	mast_cell	<i>ZNF335</i>	TRUE	2.47691135
Heart_Failure	mast_cell	<i>BVES</i>	TRUE	1.969518467
Heart_Failure	mast_cell	<i>APBB3</i>	TRUE	1.989245484
Heart_Failure	mast_cell	<i>POMZP3</i>	TRUE	2.717012966
Heart_Failure	mast_cell	<i>OCLN</i>	TRUE	2.347502778
Heart_Failure	mast_cell	<i>RSPO4</i>	TRUE	2.115787891
Heart_Failure	mast_cell	<i>KLF5</i>	TRUE	1.970036522
Heart_Failure	mast_cell	<i>BATF</i>	TRUE	2.062158226
Heart_Failure	mast_cell	<i>SOAT2</i>	TRUE	2.7519463
Heart_Failure	monocyte	<i>VMP1</i>	TRUE	2.396521485
Heart_Failure	monocyte	<i>FBXL18</i>	TRUE	2.366958363
Heart_Failure	monocyte	<i>KRT75</i>	TRUE	2.229837244
Heart_Failure	monocyte	<i>DOPEY1</i>	TRUE	4.366007796
Heart_Failure	monocyte	<i>DOCK7</i>	TRUE	1.987758486
Heart_Failure	monocyte	<i>TUFT1</i>	TRUE	3.51067449
Heart_Failure	monocyte	<i>SRXN1</i>	TRUE	2.223609541
Heart_Failure	monocyte	<i>TXN2</i>	TRUE	2.202571044
Heart_Failure	monocyte	<i>ATF4</i>	TRUE	2.164278743
Heart_Failure	monocyte	<i>ASIC3</i>	TRUE	2.431484519
Heart_Failure	monocyte	<i>RNASE6</i>	TRUE	2.909325987
Heart_Failure	monocyte	<i>NKD2</i>	TRUE	3.475507843
Heart_Failure	monocyte	<i>HGSNAT</i>	TRUE	2.349230956
Heart_Failure	monocyte	<i>TP53BP2</i>	TRUE	2.389959126
Heart_Failure	monocyte	<i>ARL3</i>	TRUE	3.202947259
Heart_Failure	monocyte	<i>LXN</i>	TRUE	2.028789902
Heart_Failure	monocyte	<i>CCL24</i>	TRUE	2.057303124
Heart_Failure	monocyte	<i>PCBD1</i>	TRUE	2.116488898
Heart_Failure	monocyte	<i>PPP1R9A</i>	TRUE	2.0837923
Heart_Failure	neutrophil	<i>TRPT1</i>	TRUE	2.82823911
Heart_Failure	neutrophil	<i>LINC00472</i>	TRUE	2.02150246
Heart_Failure	neutrophil	<i>GALT</i>	TRUE	2.017055621
Heart_Failure	neutrophil	<i>IFT52</i>	TRUE	2.654431742

Heart_Failure	neutrophil	<i>ZNF697</i>	TRUE	2.221236454
Heart_Failure	neutrophil	<i>FAM180B</i>	TRUE	2.08967504
Heart_Failure	neutrophil	<i>CIB1</i>	TRUE	2.09380761
Heart_Failure	neutrophil	<i>PPOX</i>	TRUE	2.049994621
Heart_Failure	neutrophil	<i>ZNF66</i>	TRUE	2.196600336
Heart_Failure	neutrophil	<i>LASPI</i>	TRUE	1.99527381
Heart_Failure	neutrophil	<i>ZNF598</i>	TRUE	2.11420261
Heart_Failure	neutrophil	<i>SCOC</i>	TRUE	2.429508257
Heart_Failure	nk_cell	<i>SOHLH2</i>	TRUE	2.081240208
Heart_Failure	nk_cell	<i>TMEM133</i>	TRUE	2.453269863
Heart_Failure	nk_cell	<i>TMEM116</i>	TRUE	2.105666291
Heart_Failure	nk_cell	<i>CD72</i>	TRUE	2.274987004
Heart_Failure	nk_cell	<i>XRN2</i>	TRUE	2.21678973
Heart_Failure	nk_cell	<i>Sep-02</i>	TRUE	2.829760094
Heart_Failure	nk_cell	<i>RPS10</i>	TRUE	2.043385085
Heart_Failure	nk_cell	<i>MCM4</i>	TRUE	1.978633778
Heart_Failure	nk_cell	<i>WNT5B</i>	TRUE	2.221560137
Heart_Failure	nk_cell	<i>COL28A1</i>	TRUE	2.077956437
Heart_Failure	nk_cell	<i>RNASEL</i>	TRUE	2.372910952
Heart_Failure	nk_cell	<i>ZNF66</i>	TRUE	1.973551308
Heart_Failure	pericyte	<i>DNAH10OS</i>	TRUE	2.990525975
Heart_Failure	pericyte	<i>SOHLH2</i>	TRUE	2.706423949
Heart_Failure	pericyte	<i>IMPA2</i>	TRUE	2.714751349
Heart_Failure	pericyte	<i>C5orf63</i>	TRUE	2.545937165
Heart_Failure	pericyte	<i>ZFP69</i>	TRUE	3.524344516
Heart_Failure	pericyte	<i>DDX25</i>	TRUE	1.996611681
Heart_Failure	pericyte	<i>TMEM236</i>	TRUE	2.343251139
Heart_Failure	pericyte	<i>PCDHB12</i>	TRUE	2.204260369
Heart_Failure	pericyte	<i>CREM</i>	TRUE	1.960261663
Heart_Failure	pericyte	<i>AKI</i>	TRUE	1.992450922
Heart_Failure	pericyte	<i>DTYMK</i>	TRUE	2.233832181
Heart_Failure	pericyte	<i>RFPL3S</i>	TRUE	2.145579165
Heart_Failure	pericyte	<i>MIS18BP1</i>	TRUE	2.191031272
Heart_Failure	pericyte	<i>LEPROT</i>	TRUE	2.000593346
Heart_Failure	pericyte	<i>USP8</i>	TRUE	2.215135496
Heart_Failure	pericyte	<i>RWDD2B</i>	TRUE	2.07488119
Heart_Failure	pericyte	<i>CENPP</i>	TRUE	2.220889944
Heart_Failure	pericyte	<i>SYNC</i>	TRUE	2.494571133
Heart_Failure	pericyte	<i>HOXC5</i>	TRUE	2.462628
Heart_Failure	SMC	<i>CHIA</i>	TRUE	1.979068957
Heart_Failure	SMC	<i>RASL10B</i>	TRUE	2.536595928
Heart_Failure	SMC	<i>GTF2F1</i>	TRUE	2.125635474
Heart_Failure	SMC	<i>UBL7</i>	TRUE	2.656055029
Heart_Failure	SMC	<i>SPRN</i>	TRUE	2.039010799

Heart_Failure	SMC	<i>LINC00472</i>	TRUE	2.137687858
Heart_Failure	SMC	<i>UBXN6</i>	TRUE	2.186188395
Heart_Failure	SMC	<i>KCNN2</i>	TRUE	3.224659693
Heart_Failure	SMC	<i>LINC01123</i>	TRUE	4.140518215
Heart_Failure	SMC	<i>PDE6G</i>	TRUE	2.232183826
Heart_Failure	SMC	<i>CASP3</i>	TRUE	1.976321339
Heart_Failure	SMC	<i>LINC00205</i>	TRUE	2.222354874
Heart_Failure	SMC	<i>CFL2</i>	TRUE	2.064893638
Heart_Failure	SMC	<i>GALC</i>	TRUE	2.12897599
Heart_Failure	SMC	<i>LINC01023</i>	TRUE	2.438342324
Heart_Failure	SMC	<i>BTBD11</i>	TRUE	2.120727861
Heart_Failure	SMC	<i>MTFR1</i>	TRUE	2.202079835
Heart_Failure	SMC	<i>APBB3</i>	TRUE	2.092975712
Heart_Failure	SMC	<i>UBE2L3</i>	TRUE	2.008849438
Heart_Failure	SMC	<i>SLC22A31</i>	TRUE	2.057019156
Heart_Failure	SMC	<i>ARL14EP</i>	TRUE	2.019399987
Heart_Failure	t_cell	<i>CYP2C8</i>	TRUE	2.370377141
Heart_Failure	t_cell	<i>LIPC</i>	TRUE	2.538017855
Heart_Failure	t_cell	<i>VEGFB</i>	TRUE	2.082065096
Heart_Failure	t_cell	<i>TRIM68</i>	TRUE	2.516222247
Heart_Failure	t_cell	<i>OLFML3</i>	TRUE	1.995911457
Heart_Failure	t_cell	<i>PLA2G4C</i>	TRUE	2.045568201
Heart_Failure	t_cell	<i>TFCP2L1</i>	TRUE	2.773641944
Heart_Failure	t_cell	<i>SGSH</i>	TRUE	1.986925778
Heart_Failure	t_cell	<i>ANKRD9</i>	TRUE	2.486286348
Heart_Failure	t_cell	<i>LXN</i>	TRUE	2.284090047
Heart_Failure	t_cell	<i>FBLN5</i>	TRUE	2.098732764
Heart_Failure	t_cell	<i>ABT1</i>	TRUE	2.368563166
Heart_Failure	t_cell	<i>PCDHA4</i>	TRUE	1.967675172
Heart_Failure	t_cell	<i>NDUFS4</i>	TRUE	2.216701715
Heart_Failure	t_cell	<i>ZCCHC9</i>	TRUE	2.153771385
Heart_Failure	t_cell	<i>ITPKA</i>	TRUE	2.209466372
Heart_Failure	t_cell	<i>OCLN</i>	TRUE	2.151087275
Heart_Failure	t_cell	<i>TBC1D9</i>	TRUE	2.171906217
Heart_Failure	t_cell	<i>ATPAF2</i>	TRUE	2.009309892
Heart_Failure	t_cell	<i>HCAR1</i>	TRUE	2.395445246
Heart_Failure	t_cell	<i>HOXC5</i>	TRUE	2.011077992
Stroke	adipocyte	<i>SNRPF</i>	TRUE	2.158418685
Stroke	adipocyte	<i>PIGQ</i>	TRUE	2.291691375
Stroke	adipocyte	<i>ETV6</i>	TRUE	2.167525262
Stroke	adipocyte	<i>TMEM116</i>	TRUE	2.174330241
Stroke	adipocyte	<i>ZNF142</i>	TRUE	3.219658841
Stroke	adipocyte	<i>CTNNBL1</i>	TRUE	2.184480651
Stroke	adipocyte	<i>C19orf53</i>	TRUE	2.137269152

Stroke	adipocyte	<i>FGD6</i>	TRUE	2.060281098
Stroke	adipocyte	<i>MPV17L</i>	TRUE	2.218562142
Stroke	adipocyte	<i>DAGLB</i>	TRUE	2.192723213
Stroke	adipocyte	<i>LRGUK</i>	TRUE	2.040875541
Stroke	adipocyte	<i>WNT5B</i>	TRUE	2.190645562
Stroke	adipocyte	<i>KPNA4</i>	TRUE	2.232119248
Stroke	adipocyte	<i>ZNF688</i>	TRUE	2.002195612
Stroke	adipocyte	<i>TAF13</i>	TRUE	2.445035706
Stroke	adipocyte	<i>LINC01003</i>	TRUE	2.104217778
Stroke	adipocyte	<i>MAP3K8</i>	TRUE	2.186036427
Stroke	ASPC	<i>TEX261</i>	TRUE	2.606493182
Stroke	ASPC	<i>DNAH10OS</i>	TRUE	2.548109103
Stroke	ASPC	<i>GDF9</i>	TRUE	2.066646871
Stroke	ASPC	<i>HTRA2</i>	TRUE	1.975423745
Stroke	ASPC	<i>MED24</i>	TRUE	2.129564743
Stroke	ASPC	<i>SASS6</i>	TRUE	2.183686781
Stroke	ASPC	<i>CCDC74A</i>	TRUE	2.323575807
Stroke	ASPC	<i>ATAD3C</i>	TRUE	2.107432931
Stroke	ASPC	<i>GSTCD</i>	TRUE	2.307068619
Stroke	ASPC	<i>GDPD4</i>	TRUE	2.258169035
Stroke	ASPC	<i>NARF</i>	TRUE	2.667058807
Stroke	ASPC	<i>GAS2L1</i>	TRUE	2.344914182
Stroke	ASPC	<i>ZNF586</i>	TRUE	2.114573788
Stroke	ASPC	<i>CALHM2</i>	TRUE	2.208934092
Stroke	ASPC	<i>PP2D1</i>	TRUE	2.176629912
Stroke	ASPC	<i>MFSD7</i>	TRUE	1.975880255
Stroke	ASPC	<i>MLLT6</i>	TRUE	2.014082423
Stroke	ASPC	<i>HSD17B12</i>	TRUE	2.085232547
Stroke	ASPC	<i>RNF115</i>	TRUE	1.975919014
Stroke	b_cell	<i>CELF4</i>	TRUE	2.241108961
Stroke	b_cell	<i>CEP89</i>	TRUE	2.704850901
Stroke	b_cell	<i>CANT1</i>	TRUE	1.985414343
Stroke	b_cell	<i>C14orf2</i>	TRUE	2.236799456
Stroke	b_cell	<i>TPRG1L</i>	TRUE	2.202003098
Stroke	b_cell	<i>C4orf3</i>	TRUE	2.301465776
Stroke	b_cell	<i>TM2D3</i>	TRUE	2.967978843
Stroke	b_cell	<i>MCM8</i>	TRUE	2.369574895
Stroke	b_cell	<i>ASCC1</i>	TRUE	2.021384973
Stroke	b_cell	<i>ZNF816</i>	TRUE	2.179227018
Stroke	b_cell	<i>TMEM222</i>	TRUE	2.25495749
Stroke	b_cell	<i>AGAP6</i>	TRUE	1.969006119
Stroke	b_cell	<i>OGFRL1</i>	TRUE	2.063152388
Stroke	b_cell	<i>SOAT2</i>	TRUE	2.393602412
Stroke	b_cell	<i>SVEP1</i>	TRUE	2.778088659

Stroke	b_cell	<i>SLFN12L</i>	TRUE	2.071456522
Stroke	dendritic_cell	<i>CCDC25</i>	TRUE	2.005848869
Stroke	dendritic_cell	<i>ELMO3</i>	TRUE	1.984477105
Stroke	dendritic_cell	<i>C5orf63</i>	TRUE	2.020466557
Stroke	dendritic_cell	<i>CTSH</i>	TRUE	2.211641058
Stroke	dendritic_cell	<i>GUK1</i>	TRUE	1.963627612
Stroke	dendritic_cell	<i>CLN5</i>	TRUE	2.331955232
Stroke	dendritic_cell	<i>EIF2AK4</i>	TRUE	2.192917302
Stroke	dendritic_cell	<i>ACOT1</i>	TRUE	2.127931888
Stroke	dendritic_cell	<i>FAM169A</i>	TRUE	2.079885787
Stroke	dendritic_cell	<i>PTGER3</i>	TRUE	2.22009707
Stroke	dendritic_cell	<i>MPV17L</i>	TRUE	2.155941468
Stroke	dendritic_cell	<i>WDR75</i>	TRUE	2.592330446
Stroke	dendritic_cell	<i>BCHE</i>	TRUE	2.196359228
Stroke	dendritic_cell	<i>NUP54</i>	TRUE	2.180883884
Stroke	dendritic_cell	<i>IFI27L2</i>	TRUE	2.123160496
Stroke	dendritic_cell	<i>METTL18</i>	TRUE	2.000714627
Stroke	endothelial	<i>SPTA1</i>	TRUE	2.249589697
Stroke	endothelial	<i>VMO1</i>	TRUE	1.982449768
Stroke	endothelial	<i>IMPA2</i>	TRUE	2.020883294
Stroke	endothelial	<i>ZFP69</i>	TRUE	2.34644188
Stroke	endothelial	<i>GDF9</i>	TRUE	2.363407657
Stroke	endothelial	<i>KCNN2</i>	TRUE	1.985334871
Stroke	endothelial	<i>HSPG2</i>	TRUE	2.025131019
Stroke	endothelial	<i>NOA1</i>	TRUE	2.116059383
Stroke	endothelial	<i>CCT8</i>	TRUE	2.255048231
Stroke	endothelial	<i>TRPM6</i>	TRUE	2.119120617
Stroke	endothelial	<i>OCLN</i>	TRUE	2.607864179
Stroke	endothelial	<i>GRB7</i>	TRUE	2.091159375
Stroke	endothelial	<i>RNF115</i>	TRUE	2.117918256
Stroke	endothelial	<i>STYXL1</i>	TRUE	1.995339184
Stroke	endothelial	<i>PLEKHH2</i>	TRUE	2.213466612
Stroke	LEC	<i>CYP2C8</i>	TRUE	2.06041624
Stroke	LEC	<i>VMO1</i>	TRUE	2.466273665
Stroke	LEC	<i>WARS2</i>	TRUE	2.001692969
Stroke	LEC	<i>LINC00565</i>	TRUE	2.25799272
Stroke	LEC	<i>DCLRE1A</i>	TRUE	2.009684782
Stroke	LEC	<i>CFHR1</i>	TRUE	1.981127234
Stroke	LEC	<i>PIGV</i>	TRUE	2.370539593
Stroke	LEC	<i>KLHDC7A</i>	TRUE	2.093691423
Stroke	LEC	<i>NAT10</i>	TRUE	2.186338161
Stroke	LEC	<i>GRIK2</i>	TRUE	2.022669046
Stroke	LEC	<i>ANKRD13B</i>	TRUE	2.039754793
Stroke	LEC	<i>CD3EAP</i>	TRUE	2.286747714

Stroke	LEC	<i>NOA1</i>	TRUE	2.085869561
Stroke	LEC	<i>PRKAB1</i>	TRUE	3.085213741
Stroke	LEC	<i>CHMP2B</i>	TRUE	2.436850438
Stroke	LEC	<i>TBC1D23</i>	TRUE	2.228708005
Stroke	LEC	<i>LDHC</i>	TRUE	3.396335602
Stroke	LEC	<i>ARSA</i>	TRUE	2.083140478
Stroke	LEC	<i>ATPAF2</i>	TRUE	2.403483
Stroke	LEC	<i>UFSP1</i>	TRUE	2.006821503
Stroke	LEC	<i>HCAR1</i>	TRUE	2.036304895
Stroke	macrophage	<i>LIPA</i>	TRUE	2.046860495
Stroke	macrophage	<i>KMT2A</i>	TRUE	2.457620681
Stroke	macrophage	<i>TRUB1</i>	TRUE	2.810916666
Stroke	macrophage	<i>SPTLC3</i>	TRUE	2.482432553
Stroke	macrophage	<i>TTC38</i>	TRUE	2.313774661
Stroke	macrophage	<i>GTPBP10</i>	TRUE	1.972395547
Stroke	macrophage	<i>CPZ</i>	TRUE	1.964706673
Stroke	macrophage	<i>MKS1</i>	TRUE	2.401350851
Stroke	macrophage	<i>PRKAB1</i>	TRUE	2.187218789
Stroke	macrophage	<i>CFL2</i>	TRUE	2.08859027
Stroke	macrophage	<i>MRPL47</i>	TRUE	2.393818481
Stroke	macrophage	<i>DCHS2</i>	TRUE	2.102324419
Stroke	macrophage	<i>RAD17</i>	TRUE	2.081428412
Stroke	macrophage	<i>AC017074.2</i>	TRUE	2.3373647
Stroke	macrophage	<i>RSPO4</i>	TRUE	2.458443184
Stroke	macrophage	<i>MED4</i>	TRUE	1.985745048
Stroke	macrophage	<i>HOXC5</i>	TRUE	2.274625024
Stroke	mast_cell	<i>MRS2</i>	TRUE	2.324308828
Stroke	mast_cell	<i>UTP23</i>	TRUE	2.606070949
Stroke	mast_cell	<i>SBDS</i>	TRUE	2.092919833
Stroke	mast_cell	<i>GGA1</i>	TRUE	2.137824059
Stroke	mast_cell	<i>CLUAP1</i>	TRUE	2.303871091
Stroke	mast_cell	<i>NIPAL2</i>	TRUE	2.181100059
Stroke	mast_cell	<i>WDR25</i>	TRUE	2.112669645
Stroke	mast_cell	<i>FIBP</i>	TRUE	2.498470002
Stroke	mast_cell	<i>RPS10</i>	TRUE	2.768193793
Stroke	mast_cell	<i>ARL3</i>	TRUE	2.968489824
Stroke	mast_cell	<i>CCNDBP1</i>	TRUE	2.180964539
Stroke	mast_cell	<i>CXCL10</i>	TRUE	1.96664002
Stroke	mast_cell	<i>PLBD2</i>	TRUE	2.009616991
Stroke	mast_cell	<i>TIPIN</i>	TRUE	2.407385586
Stroke	mast_cell	<i>BNIP1</i>	TRUE	2.440313742
Stroke	mast_cell	<i>HOXC5</i>	TRUE	2.49637728
Stroke	monocyte	<i>C5orf63</i>	TRUE	2.34246221
Stroke	monocyte	<i>FAM131B</i>	TRUE	2.304886934

Stroke	monocyte	<i>TMEM178B</i>	TRUE	2.159556204
Stroke	monocyte	<i>PPP4R4</i>	TRUE	2.034910034
Stroke	monocyte	<i>CAMLG</i>	TRUE	1.986306787
Stroke	monocyte	<i>C2orf76</i>	TRUE	1.965702035
Stroke	monocyte	<i>C6orf201</i>	TRUE	2.424371058
Stroke	monocyte	<i>GHR</i>	TRUE	1.964928695
Stroke	monocyte	<i>CLEC4M</i>	TRUE	2.005154378
Stroke	monocyte	<i>CREB3L4</i>	TRUE	2.11594621
Stroke	monocyte	<i>FLVCR1</i>	TRUE	2.842339436
Stroke	monocyte	<i>SERINC2</i>	TRUE	2.065927558
Stroke	monocyte	<i>SCGB3A1</i>	TRUE	2.07069139
Stroke	monocyte	<i>ARSA</i>	TRUE	2.026550649
Stroke	monocyte	<i>CARD16</i>	TRUE	2.108852222
Stroke	monocyte	<i>ELP4</i>	TRUE	2.147345602
Stroke	monocyte	<i>HOXC5</i>	TRUE	2.141716423
Stroke	neutrophil	<i>URM1</i>	TRUE	2.270581694
Stroke	neutrophil	<i>ZNRD1</i>	TRUE	2.940198389
Stroke	neutrophil	<i>LINC00942</i>	TRUE	2.238686335
Stroke	neutrophil	<i>UCHL3</i>	TRUE	2.566927848
Stroke	neutrophil	<i>BPI</i>	TRUE	2.046626723
Stroke	neutrophil	<i>FAM103A1</i>	TRUE	2.052987683
Stroke	neutrophil	<i>SEN3</i>	TRUE	2.006938368
Stroke	neutrophil	<i>SAP18</i>	TRUE	2.611323093
Stroke	neutrophil	<i>NIPSNAP1</i>	TRUE	1.988254832
Stroke	neutrophil	<i>DNAL11</i>	TRUE	2.165366299
Stroke	neutrophil	<i>SLC48A1</i>	TRUE	2.289895626
Stroke	neutrophil	<i>GNPTG</i>	TRUE	2.109629957
Stroke	neutrophil	<i>KNSTRN</i>	TRUE	2.041646638
Stroke	neutrophil	<i>SLC35F1</i>	TRUE	2.738369781
Stroke	neutrophil	<i>FAHD2A</i>	TRUE	2.029624678
Stroke	neutrophil	<i>MEDAG</i>	TRUE	1.973123309
Stroke	neutrophil	<i>DNPEP</i>	TRUE	2.26715906
Stroke	nk_cell	<i>ADPRH</i>	TRUE	2.720778455
Stroke	nk_cell	<i>ALPK1</i>	TRUE	2.294538658
Stroke	nk_cell	<i>AP000347.2</i>	TRUE	2.812866938
Stroke	nk_cell	<i>LITD1</i>	TRUE	1.974655084
Stroke	nk_cell	<i>TFIP11</i>	TRUE	2.605440169
Stroke	nk_cell	<i>FAM83F</i>	TRUE	2.151983454
Stroke	nk_cell	<i>GLYCTK</i>	TRUE	2.596996535
Stroke	nk_cell	<i>IL20RB</i>	TRUE	2.900955459
Stroke	nk_cell	<i>PLRG1</i>	TRUE	2.4494719
Stroke	nk_cell	<i>TNIP2</i>	TRUE	1.99278052
Stroke	nk_cell	<i>ARL3</i>	TRUE	2.071161969
Stroke	nk_cell	<i>MCRS1</i>	TRUE	2.339337204

Stroke	nk_cell	<i>IQCG</i>	TRUE	2.664653605
Stroke	nk_cell	<i>ABHD11</i>	TRUE	2.07343915
Stroke	nk_cell	<i>AADAT</i>	TRUE	3.411495709
Stroke	nk_cell	<i>CACNG6</i>	TRUE	2.026560049
Stroke	pericyte	<i>PCGF2</i>	TRUE	2.039921202
Stroke	pericyte	<i>ZNF468</i>	TRUE	2.006927433
Stroke	pericyte	<i>ZNF23</i>	TRUE	2.306305956
Stroke	pericyte	<i>TRPM6</i>	TRUE	2.36978646
Stroke	pericyte	<i>GUCA1B</i>	TRUE	2.337007103
Stroke	pericyte	<i>PDK2</i>	TRUE	1.991000249
Stroke	pericyte	<i>WAC</i>	TRUE	2.214000277
Stroke	pericyte	<i>TSPAN4</i>	TRUE	2.963505478
Stroke	pericyte	<i>PANK2</i>	TRUE	2.02761362
Stroke	pericyte	<i>LINC00957</i>	TRUE	1.994105426
Stroke	pericyte	<i>PTK2</i>	TRUE	2.150151646
Stroke	pericyte	<i>NDRG3</i>	TRUE	3.345636655
Stroke	SMC	<i>PEX7</i>	TRUE	2.376341218
Stroke	SMC	<i>GTF2F1</i>	TRUE	1.975575613
Stroke	SMC	<i>FAM120B</i>	TRUE	2.281319983
Stroke	SMC	<i>C5orf63</i>	TRUE	2.004079498
Stroke	SMC	<i>FBLN7</i>	TRUE	2.195735907
Stroke	SMC	<i>DXO</i>	TRUE	2.387297245
Stroke	SMC	<i>WDSUB1</i>	TRUE	2.045716959
Stroke	SMC	<i>SAYSD1</i>	TRUE	2.119261828
Stroke	SMC	<i>ABHD14A</i>	TRUE	3.025270765
Stroke	SMC	<i>GPR160</i>	TRUE	2.570211035
Stroke	SMC	<i>HAPLN4</i>	TRUE	2.070650835
Stroke	SMC	<i>TMEM206</i>	TRUE	2.81711386
Stroke	SMC	<i>TSPAN4</i>	TRUE	2.454856329
Stroke	SMC	<i>ATRIP</i>	TRUE	1.982917145
Stroke	SMC	<i>CTNND2</i>	TRUE	2.14572418
Stroke	SMC	<i>STYXL1</i>	TRUE	2.379379674
Stroke	SMC	<i>ADH1A</i>	TRUE	2.713068779
Stroke	SMC	<i>PSMG1</i>	TRUE	1.966804935
Stroke	SMC	<i>NDRG3</i>	TRUE	2.062355141
Stroke	SMC	<i>SLC5A7</i>	TRUE	2.014336809
Stroke	t_cell	<i>PCDHGA6</i>	TRUE	2.229147926
Stroke	t_cell	<i>ATP6V0D2</i>	TRUE	2.174438719
Stroke	t_cell	<i>LY86</i>	TRUE	2.119677568
Stroke	t_cell	<i>ZNF212</i>	TRUE	2.010250426
Stroke	t_cell	<i>SPRN</i>	TRUE	2.417722713
Stroke	t_cell	<i>LINC01011</i>	TRUE	2.368935666
Stroke	t_cell	<i>PRSS16</i>	TRUE	2.121725257
Stroke	t_cell	<i>TRIM26</i>	TRUE	2.73934597

Stroke	t_cell	<i>LINC01013</i>	TRUE	2.415898682
Stroke	t_cell	<i>SYS1</i>	TRUE	2.768721317
Stroke	t_cell	<i>POC1A</i>	TRUE	2.335515089
Stroke	t_cell	<i>HSPG2</i>	TRUE	2.618811289
Stroke	t_cell	<i>ALKBH2</i>	TRUE	2.325943876
Stroke	t_cell	<i>CLEC4M</i>	TRUE	2.017628688
Stroke	t_cell	<i>GUSB</i>	TRUE	2.879168273
Stroke	t_cell	<i>GOPC</i>	TRUE	2.081670289
Stroke	t_cell	<i>MMACHC</i>	TRUE	2.176470659
Stroke	t_cell	<i>TBC1D26</i>	TRUE	2.026634627
Obesity	adipocyte	<i>RFC2</i>	TRUE	2.280257422
Obesity	adipocyte	<i>NDUFA6</i>	TRUE	2.287931511
Obesity	adipocyte	<i>CPNE1</i>	TRUE	2.105119225
Obesity	adipocyte	<i>CORO2A</i>	TRUE	2.030402827
Obesity	adipocyte	<i>TTC30A</i>	TRUE	2.314555476
Obesity	adipocyte	<i>TVP23C</i>	TRUE	2.665022903
Obesity	adipocyte	<i>FOXI2</i>	TRUE	2.530872419
Obesity	adipocyte	<i>SGSH</i>	TRUE	1.994133433
Obesity	adipocyte	<i>SLC25A34</i>	TRUE	2.318700399
Obesity	adipocyte	<i>TTF2</i>	TRUE	1.969959564
Obesity	adipocyte	<i>MED20</i>	TRUE	2.173787059
Obesity	adipocyte	<i>ZNF623</i>	TRUE	2.325448441
Obesity	adipocyte	<i>ASPG</i>	TRUE	2.704923846
Obesity	adipocyte	<i>ALX4</i>	TRUE	2.455814585
Obesity	adipocyte	<i>RAD9A</i>	TRUE	2.696221293
Obesity	ASPC	<i>ORC4</i>	TRUE	2.202642802
Obesity	ASPC	<i>OGFOD1</i>	TRUE	2.180392348
Obesity	ASPC	<i>FOXRED2</i>	TRUE	2.213247493
Obesity	ASPC	<i>LINC00663</i>	TRUE	2.160974162
Obesity	ASPC	<i>CCL19</i>	TRUE	2.242671228
Obesity	ASPC	<i>PSD2</i>	TRUE	2.032005422
Obesity	ASPC	<i>EPCAM</i>	TRUE	2.063308096
Obesity	ASPC	<i>LINC00863</i>	TRUE	1.99278467
Obesity	ASPC	<i>BCL2L1</i>	TRUE	2.026529608
Obesity	ASPC	<i>CLTB</i>	TRUE	1.969147781
Obesity	ASPC	<i>CREB3L4</i>	TRUE	2.308733516
Obesity	ASPC	<i>DDT</i>	TRUE	2.085221976
Obesity	ASPC	<i>SCGB3A1</i>	TRUE	2.468703528
Obesity	ASPC	<i>TMEM39A</i>	TRUE	2.247118756
Obesity	ASPC	<i>ATPAF2</i>	TRUE	2.273081609
Obesity	ASPC	<i>NME4</i>	TRUE	2.408001288
Obesity	ASPC	<i>LRRC39</i>	TRUE	2.289266825
Obesity	ASPC	<i>ABLIM3</i>	TRUE	2.583462087
Obesity	b_cell	<i>PLGLB2</i>	TRUE	2.086845466

Obesity	b_cell	<i>ZFHX4</i>	TRUE	2.685606435
Obesity	b_cell	<i>PDZD8</i>	TRUE	2.291556509
Obesity	b_cell	<i>DDX43</i>	TRUE	2.139352304
Obesity	b_cell	<i>NEIL1</i>	TRUE	2.015874675
Obesity	b_cell	<i>HSD17B3</i>	TRUE	2.008484872
Obesity	b_cell	<i>CTNS</i>	TRUE	2.506410777
Obesity	b_cell	<i>OCEL1</i>	TRUE	2.521726256
Obesity	b_cell	<i>TRAPPC4</i>	TRUE	2.030849979
Obesity	b_cell	<i>PCDHA10</i>	TRUE	2.058147738
Obesity	b_cell	<i>DDX23</i>	TRUE	2.403281707
Obesity	b_cell	<i>DNLZ</i>	TRUE	2.008525953
Obesity	b_cell	<i>RPS20</i>	TRUE	2.610086519
Obesity	b_cell	<i>NACCI</i>	TRUE	2.409226474
Obesity	b_cell	<i>STAT2</i>	TRUE	2.189144758
Obesity	b_cell	<i>SVEP1</i>	TRUE	2.42349712
Obesity	dendritic_cell	<i>NAPG</i>	TRUE	2.036978467
Obesity	dendritic_cell	<i>TBRG4</i>	TRUE	2.009302783
Obesity	dendritic_cell	<i>JMJD8</i>	TRUE	2.305249254
Obesity	dendritic_cell	<i>RPS3</i>	TRUE	2.439322903
Obesity	dendritic_cell	<i>VMO1</i>	TRUE	2.017671307
Obesity	dendritic_cell	<i>ENPP4</i>	TRUE	2.127890389
Obesity	dendritic_cell	<i>ZRSR1</i>	TRUE	1.971366023
Obesity	dendritic_cell	<i>KHK</i>	TRUE	1.990365141
Obesity	dendritic_cell	<i>SASS6</i>	TRUE	2.258176039
Obesity	dendritic_cell	<i>SWI5</i>	TRUE	2.036501238
Obesity	dendritic_cell	<i>PDE6C</i>	TRUE	2.028089478
Obesity	dendritic_cell	<i>BEAN1</i>	TRUE	2.495723441
Obesity	dendritic_cell	<i>PPME1</i>	TRUE	2.397142006
Obesity	dendritic_cell	<i>PPP1R1A</i>	TRUE	2.26635532
Obesity	dendritic_cell	<i>WDYHV1</i>	TRUE	2.073728554
Obesity	dendritic_cell	<i>HOOK1</i>	TRUE	2.224668247
Obesity	dendritic_cell	<i>NIM1K</i>	TRUE	2.513399737
Obesity	dendritic_cell	<i>SMAGP</i>	TRUE	2.375024747
Obesity	dendritic_cell	<i>SLC5A4</i>	TRUE	2.561905774
Obesity	endothelial	<i>CHST13</i>	TRUE	2.150564898
Obesity	endothelial	<i>N6AMT1</i>	TRUE	2.259956647
Obesity	endothelial	<i>ENPP4</i>	TRUE	2.095133225
Obesity	endothelial	<i>STX19</i>	TRUE	2.212447651
Obesity	endothelial	<i>ETV6</i>	TRUE	2.025258745
Obesity	endothelial	<i>SLC52A3</i>	TRUE	2.024967761
Obesity	endothelial	<i>FAM87B</i>	TRUE	2.157346301
Obesity	endothelial	<i>PAAF1</i>	TRUE	2.089501225
Obesity	endothelial	<i>POU5F1</i>	TRUE	2.179168501
Obesity	endothelial	<i>CLTB</i>	TRUE	2.367806571

Obesity	endothelial	<i>ZNF641</i>	TRUE	2.346063623
Obesity	endothelial	<i>IPPK</i>	TRUE	1.961592571
Obesity	endothelial	<i>ABCB8</i>	TRUE	2.378265891
Obesity	endothelial	<i>TIMP3</i>	TRUE	3.147175747
Obesity	endothelial	<i>RPP14</i>	TRUE	2.010874548
Obesity	endothelial	<i>RPL29</i>	TRUE	2.67357034
Obesity	LEC	<i>CEP85</i>	TRUE	2.161849101
Obesity	LEC	<i>CEP104</i>	TRUE	2.038497213
Obesity	LEC	<i>STX2</i>	TRUE	2.935449132
Obesity	LEC	<i>GABRA2</i>	TRUE	2.021020043
Obesity	LEC	<i>FAM103A1</i>	TRUE	2.093659712
Obesity	LEC	<i>ZNF563</i>	TRUE	2.179523735
Obesity	LEC	<i>C16orf87</i>	TRUE	2.018206033
Obesity	LEC	<i>PACRGL</i>	TRUE	1.978180301
Obesity	LEC	<i>MGME1</i>	TRUE	2.23966906
Obesity	LEC	<i>MTPAP</i>	TRUE	2.610177919
Obesity	LEC	<i>HBPI</i>	TRUE	2.302323914
Obesity	LEC	<i>NIMIK</i>	TRUE	2.043163221
Obesity	LEC	<i>CHTF18</i>	TRUE	2.526616665
Obesity	LEC	<i>NDUFAF1</i>	TRUE	2.284672078
Obesity	macrophage	<i>PSORS1C1</i>	TRUE	2.112052896
Obesity	macrophage	<i>GAS6</i>	TRUE	2.159139512
Obesity	macrophage	<i>OTUD3</i>	TRUE	2.454932844
Obesity	macrophage	<i>IL20RB</i>	TRUE	3.066866919
Obesity	macrophage	<i>SAYSD1</i>	TRUE	2.433176486
Obesity	macrophage	<i>TIMP3</i>	TRUE	2.671256025
Obesity	macrophage	<i>SNAPC4</i>	TRUE	2.026622488
Obesity	macrophage	<i>ZNF367</i>	TRUE	2.241287308
Obesity	macrophage	<i>NDUFAF1</i>	TRUE	2.369443873
Obesity	macrophage	<i>METTL18</i>	TRUE	1.995268192
Obesity	macrophage	<i>GSTM5</i>	TRUE	2.018647417
Obesity	macrophage	<i>TLE6</i>	TRUE	2.06576023
Obesity	macrophage	<i>RBFOX3</i>	TRUE	2.137557655
Obesity	mast_cell	<i>AKAP11</i>	TRUE	2.577292612
Obesity	mast_cell	<i>CCDC57</i>	TRUE	2.342644877
Obesity	mast_cell	<i>PSMB5</i>	TRUE	2.387025063
Obesity	mast_cell	<i>MED24</i>	TRUE	1.981022287
Obesity	mast_cell	<i>XAB2</i>	TRUE	2.358245849
Obesity	mast_cell	<i>LEFTY1</i>	TRUE	2.858951895
Obesity	mast_cell	<i>ZNF142</i>	TRUE	2.092253839
Obesity	mast_cell	<i>CCDC74A</i>	TRUE	2.385889293
Obesity	mast_cell	<i>KLRD1</i>	TRUE	2.00998488
Obesity	mast_cell	<i>WDR88</i>	TRUE	2.217322108
Obesity	mast_cell	<i>COQ5</i>	TRUE	2.71762645

Obesity	mast_cell	<i>MCM6</i>	TRUE	2.544045222
Obesity	mast_cell	<i>RAB6A</i>	TRUE	2.002340145
Obesity	mast_cell	<i>SLC25A48</i>	TRUE	2.651001147
Obesity	mast_cell	<i>SPDYE1</i>	TRUE	2.011612513
Obesity	mast_cell	<i>LIG1</i>	TRUE	2.067597614
Obesity	mast_cell	<i>PPIL2</i>	TRUE	2.021067248
Obesity	mast_cell	<i>ZNF335</i>	TRUE	2.500501019
Obesity	mast_cell	<i>SAMD9L</i>	TRUE	1.997997174
Obesity	mast_cell	<i>APBB3</i>	TRUE	2.014924308
Obesity	mast_cell	<i>DCAKD</i>	TRUE	2.472771865
Obesity	mast_cell	<i>BAD</i>	TRUE	2.368608571
Obesity	mast_cell	<i>PSMG1</i>	TRUE	2.312988468
Obesity	monocyte	<i>INPP5B</i>	TRUE	2.335460024
Obesity	monocyte	<i>NMT1</i>	TRUE	2.00398024
Obesity	monocyte	<i>EIF4A3</i>	TRUE	2.728962725
Obesity	monocyte	<i>CKS2</i>	TRUE	2.16419771
Obesity	monocyte	<i>RAD18</i>	TRUE	2.218340004
Obesity	monocyte	<i>EYA1</i>	TRUE	2.483333163
Obesity	monocyte	<i>POU5F1</i>	TRUE	2.219913429
Obesity	monocyte	<i>LILRA2</i>	TRUE	2.263942799
Obesity	monocyte	<i>ABLIM3</i>	TRUE	2.250384467
Obesity	monocyte	<i>PTK2</i>	TRUE	2.014979463
Obesity	monocyte	<i>NUTM2A</i>	TRUE	2.163537383
Obesity	neutrophil	<i>SV2A</i>	TRUE	2.001539601
Obesity	neutrophil	<i>NPHP4</i>	TRUE	2.124927164
Obesity	neutrophil	<i>RRN3</i>	TRUE	3.081489849
Obesity	neutrophil	<i>GDF9</i>	TRUE	1.965584998
Obesity	neutrophil	<i>ITFG2</i>	TRUE	2.319871704
Obesity	neutrophil	<i>HTR7</i>	TRUE	2.301681551
Obesity	neutrophil	<i>STXBP4</i>	TRUE	2.002461282
Obesity	neutrophil	<i>BLVRA</i>	TRUE	1.969644102
Obesity	neutrophil	<i>AC003005.2</i>	TRUE	2.126387312
Obesity	neutrophil	<i>TRIM7</i>	TRUE	2.147928097
Obesity	neutrophil	<i>TBC1D23</i>	TRUE	2.292871233
Obesity	neutrophil	<i>C8orf37</i>	TRUE	2.010067163
Obesity	nk_cell	<i>NSUN6</i>	TRUE	2.316925903
Obesity	nk_cell	<i>ITGB3</i>	TRUE	2.518254415
Obesity	nk_cell	<i>FHOD1</i>	TRUE	2.151366558
Obesity	nk_cell	<i>UBL7</i>	TRUE	2.135120451
Obesity	nk_cell	<i>ENPP4</i>	TRUE	2.017174517
Obesity	nk_cell	<i>MTHFS</i>	TRUE	2.214271433
Obesity	nk_cell	<i>POLR2B</i>	TRUE	1.987639509
Obesity	nk_cell	<i>HCN1</i>	TRUE	2.034904816
Obesity	nk_cell	<i>TMEM86A</i>	TRUE	2.055700392

Obesity	nk_cell	<i>UTS2</i>	TRUE	2.97245509
Obesity	nk_cell	<i>ZNF664</i>	TRUE	2.115926109
Obesity	nk_cell	<i>TMEM129</i>	TRUE	2.611670131
Obesity	nk_cell	<i>ENGASE</i>	TRUE	2.13959383
Obesity	nk_cell	<i>PLCD1</i>	TRUE	1.999324435
Obesity	nk_cell	<i>FOLH1</i>	TRUE	1.984287944
Obesity	nk_cell	<i>RBM6</i>	TRUE	2.863597964
Obesity	nk_cell	<i>SLC26A5</i>	TRUE	1.992953608
Obesity	nk_cell	<i>CCDC13</i>	TRUE	1.98843015
Obesity	pericyte	<i>POLE3</i>	TRUE	2.397537799
Obesity	pericyte	<i>PCDHB6</i>	TRUE	1.983627088
Obesity	pericyte	<i>FAM161B</i>	TRUE	2.381323325
Obesity	pericyte	<i>ZFH3</i>	TRUE	2.027338896
Obesity	pericyte	<i>PNPO</i>	TRUE	2.093053437
Obesity	pericyte	<i>TTC5</i>	TRUE	1.97310012
Obesity	pericyte	<i>FAM213B</i>	TRUE	2.009896255
Obesity	pericyte	<i>ANO1</i>	TRUE	2.048015144
Obesity	pericyte	<i>ZNF324</i>	TRUE	2.30733895
Obesity	pericyte	<i>DRAM1</i>	TRUE	2.308950757
Obesity	pericyte	<i>RBBP5</i>	TRUE	1.966995239
Obesity	pericyte	<i>GSDMD</i>	TRUE	2.05563479
Obesity	pericyte	<i>GLT8D1</i>	TRUE	2.254503615
Obesity	pericyte	<i>UBXN4</i>	TRUE	2.312682399
Obesity	pericyte	<i>EPB41L4A</i>	TRUE	2.622403893
Obesity	pericyte	<i>PIGN</i>	TRUE	2.560287147
Obesity	pericyte	<i>TMEM173</i>	TRUE	2.084337804
Obesity	SMC	<i>MEAI</i>	TRUE	2.235764417
Obesity	SMC	<i>SYCE1</i>	TRUE	2.02208112
Obesity	SMC	<i>MRS2</i>	TRUE	2.265068321
Obesity	SMC	<i>BMP8A</i>	TRUE	2.024396167
Obesity	SMC	<i>ZRSR1</i>	TRUE	2.141915285
Obesity	SMC	<i>TTC5</i>	TRUE	2.043361402
Obesity	SMC	<i>TINCR</i>	TRUE	2.160157469
Obesity	SMC	<i>POT1</i>	TRUE	2.187828665
Obesity	SMC	<i>TP53TG3D</i>	TRUE	2.480116995
Obesity	SMC	<i>ZKSCAN8</i>	TRUE	1.993611158
Obesity	SMC	<i>CRTAP</i>	TRUE	2.589095183
Obesity	SMC	<i>BVES</i>	TRUE	1.995457388
Obesity	SMC	<i>DCTN5</i>	TRUE	2.108321179
Obesity	SMC	<i>STRC</i>	TRUE	1.965955724
Obesity	SMC	<i>TCF12</i>	TRUE	2.846096385
Obesity	t_cell	<i>ZNF25</i>	TRUE	2.005497617
Obesity	t_cell	<i>ENPP4</i>	TRUE	2.046767754
Obesity	t_cell	<i>NELFE</i>	TRUE	2.145560841

Obesity	t_cell	<i>GAL3ST2</i>	TRUE	1.976173925
Obesity	t_cell	<i>CD72</i>	TRUE	2.24726696
Obesity	t_cell	<i>FOXI2</i>	TRUE	1.990044951
Obesity	t_cell	<i>TMEM176A</i>	TRUE	2.383863259
Obesity	t_cell	<i>IFI35</i>	TRUE	2.343020835
Obesity	t_cell	<i>BTBD2</i>	TRUE	2.501868463
Obesity	t_cell	<i>CHORDC1</i>	TRUE	2.104235462
Obesity	t_cell	<i>UBXN4</i>	TRUE	2.680747395
Obesity	t_cell	<i>TTC21B</i>	TRUE	2.649146828
Obesity	t_cell	<i>B3GALT6</i>	TRUE	2.472743136
CAD_admission_freq_obese_SAT	adipocyte	<i>GLRX</i>	TRUE	2.8491829
CAD_admission_freq_obese_SAT	adipocyte	<i>PLEKHJ1</i>	TRUE	4.057939301
CAD_admission_freq_obese_SAT	adipocyte	<i>SDE2</i>	TRUE	2.006077671
CAD_admission_freq_obese_SAT	adipocyte	<i>DHX58</i>	TRUE	2.001081161
CAD_admission_freq_obese_SAT	adipocyte	<i>ZNF664</i>	TRUE	2.649281183
CAD_admission_freq_obese_SAT	adipocyte	<i>PCSK4</i>	TRUE	2.152101559
CAD_admission_freq_obese_SAT	adipocyte	<i>ARL3</i>	TRUE	1.983795467
CAD_admission_freq_obese_SAT	adipocyte	<i>MGST3</i>	TRUE	2.201899687
CAD_admission_freq_obese_SAT	adipocyte	<i>CLTB</i>	TRUE	2.988641524
CAD_admission_freq_obese_SAT	adipocyte	<i>SPATA5L1</i>	TRUE	2.327149515
CAD_admission_freq_obese_SAT	adipocyte	<i>ISLR2</i>	TRUE	2.132830998
CAD_admission_freq_obese_SAT	adipocyte	<i>ARMC1</i>	TRUE	2.015786604
CAD_admission_freq_obese_SAT	adipocyte	<i>NIMIK</i>	TRUE	2.094841553
CAD_admission_freq_obese_SAT	adipocyte	<i>ITGA11</i>	TRUE	1.976020578
CAD_admission_freq_obese_SAT	adipocyte	<i>POLR2I</i>	TRUE	2.424659028
CAD_admission_freq_obese_SAT	adipocyte	<i>NDRG3</i>	TRUE	3.921289407
CAD_admission_freq_obese_SAT	ASPC	<i>MICA</i>	TRUE	1.970709726
CAD_admission_freq_obese_SAT	ASPC	<i>ELOF1</i>	TRUE	2.355797897
CAD_admission_freq_obese_SAT	ASPC	<i>LIMD1</i>	TRUE	2.066704969
CAD_admission_freq_obese_SAT	ASPC	<i>ERII</i>	TRUE	2.275629539
CAD_admission_freq_obese_SAT	ASPC	<i>GYPE</i>	TRUE	2.330361112
CAD_admission_freq_obese_SAT	ASPC	<i>ACCS</i>	TRUE	2.420310828
CAD_admission_freq_obese_SAT	ASPC	<i>STX2</i>	TRUE	2.059998302
CAD_admission_freq_obese_SAT	ASPC	<i>CPNE1</i>	TRUE	4.078603781
CAD_admission_freq_obese_SAT	ASPC	<i>GALNS</i>	TRUE	2.390072554
CAD_admission_freq_obese_SAT	ASPC	<i>CHMP2B</i>	TRUE	2.300895791
CAD_admission_freq_obese_SAT	ASPC	<i>GREB1L</i>	TRUE	2.199415642
CAD_admission_freq_obese_SAT	b_cell	<i>ERII</i>	TRUE	2.044123993
CAD_admission_freq_obese_SAT	b_cell	<i>RGS9</i>	TRUE	2.156321909
CAD_admission_freq_obese_SAT	b_cell	<i>RICTOR</i>	TRUE	2.38714249
CAD_admission_freq_obese_SAT	b_cell	<i>PIGV</i>	TRUE	2.042181278
CAD_admission_freq_obese_SAT	b_cell	<i>LDHA</i>	TRUE	2.467798931
CAD_admission_freq_obese_SAT	b_cell	<i>ALG6</i>	TRUE	2.32065028
CAD_admission_freq_obese_SAT	b_cell	<i>CREM</i>	TRUE	2.269379665

CAD_admission_freq_obese_SAT	b_cell	<i>C1orf50</i>	TRUE	2.724577806
CAD_admission_freq_obese_SAT	b_cell	<i>IFT57</i>	TRUE	2.573079466
CAD_admission_freq_obese_SAT	b_cell	<i>TTL10</i>	TRUE	2.239805453
CAD_admission_freq_obese_SAT	b_cell	<i>IMPA1</i>	TRUE	2.099084953
CAD_admission_freq_obese_SAT	b_cell	<i>HMGXB3</i>	TRUE	2.401753081
CAD_admission_freq_obese_SAT	b_cell	<i>ARL3</i>	TRUE	2.022356042
CAD_admission_freq_obese_SAT	b_cell	<i>ZKSCAN8</i>	TRUE	2.199064957
CAD_admission_freq_obese_SAT	b_cell	<i>FPGT</i>	TRUE	2.238171516
CAD_admission_freq_obese_SAT	b_cell	<i>ECHDC3</i>	TRUE	2.368381641
CAD_admission_freq_obese_SAT	b_cell	<i>HOOK1</i>	TRUE	6.442734956
CAD_admission_freq_obese_SAT	b_cell	<i>AADAT</i>	TRUE	1.969568611
CAD_admission_freq_obese_SAT	b_cell	<i>BAD</i>	TRUE	2.76059046
CAD_admission_freq_obese_SAT	b_cell	<i>ADCK2</i>	TRUE	2.050438583
CAD_admission_freq_obese_SAT	b_cell	<i>PRADC1</i>	TRUE	2.164750241
CAD_admission_freq_obese_SAT	b_cell	<i>ULK2</i>	TRUE	1.964980742
CAD_admission_freq_obese_SAT	b_cell	<i>RGPD8</i>	TRUE	2.023416178
CAD_admission_freq_obese_SAT	dendritic_cell	<i>SLC26A6</i>	TRUE	2.227307059
CAD_admission_freq_obese_SAT	dendritic_cell	<i>COX6B1</i>	TRUE	2.042373423
CAD_admission_freq_obese_SAT	dendritic_cell	<i>ACP2</i>	TRUE	2.077690748
CAD_admission_freq_obese_SAT	dendritic_cell	<i>MED19</i>	TRUE	2.128752705
CAD_admission_freq_obese_SAT	dendritic_cell	<i>CCDC57</i>	TRUE	2.298575793
CAD_admission_freq_obese_SAT	dendritic_cell	<i>NPHP4</i>	TRUE	2.400769703
CAD_admission_freq_obese_SAT	dendritic_cell	<i>RASA4</i>	TRUE	2.430428482
CAD_admission_freq_obese_SAT	dendritic_cell	<i>ITFG2</i>	TRUE	2.456710582
CAD_admission_freq_obese_SAT	dendritic_cell	<i>FOXI2</i>	TRUE	2.558368204
CAD_admission_freq_obese_SAT	dendritic_cell	<i>CDC34</i>	TRUE	1.969668045
CAD_admission_freq_obese_SAT	dendritic_cell	<i>COG6</i>	TRUE	1.967776376
CAD_admission_freq_obese_SAT	dendritic_cell	<i>TTC38</i>	TRUE	1.96236739
CAD_admission_freq_obese_SAT	dendritic_cell	<i>GOLGA8Q</i>	TRUE	2.968560442
CAD_admission_freq_obese_SAT	dendritic_cell	<i>RNASEH2C</i>	TRUE	2.43371266
CAD_admission_freq_obese_SAT	dendritic_cell	<i>C16orf86</i>	TRUE	2.62644289
CAD_admission_freq_obese_SAT	dendritic_cell	<i>GPR75</i>	TRUE	2.34731297
CAD_admission_freq_obese_SAT	dendritic_cell	<i>SPATA5L1</i>	TRUE	2.199516182
CAD_admission_freq_obese_SAT	dendritic_cell	<i>ORMDL2</i>	TRUE	1.969862047
CAD_admission_freq_obese_SAT	dendritic_cell	<i>PTK2</i>	TRUE	4.030153069
CAD_admission_freq_obese_SAT	endothelial	<i>NSA2</i>	TRUE	2.248916574
CAD_admission_freq_obese_SAT	endothelial	<i>PBX1</i>	TRUE	2.460727016
CAD_admission_freq_obese_SAT	endothelial	<i>KRT72</i>	TRUE	1.972791652
CAD_admission_freq_obese_SAT	endothelial	<i>WIP1</i>	TRUE	2.834939141
CAD_admission_freq_obese_SAT	endothelial	<i>ENDOU</i>	TRUE	1.97615271
CAD_admission_freq_obese_SAT	endothelial	<i>FBXL18</i>	TRUE	2.158991164
CAD_admission_freq_obese_SAT	endothelial	<i>MERTK</i>	TRUE	2.320579365
CAD_admission_freq_obese_SAT	endothelial	<i>MYRF</i>	TRUE	2.137916487
CAD_admission_freq_obese_SAT	endothelial	<i>VEGFB</i>	TRUE	2.081714603

CAD_admission_freq_obese_SAT	endothelial	<i>ITFG2</i>	TRUE	2.53638273
CAD_admission_freq_obese_SAT	endothelial	<i>UCHL3</i>	TRUE	2.130335288
CAD_admission_freq_obese_SAT	endothelial	<i>PDZK1IP1</i>	TRUE	2.459112088
CAD_admission_freq_obese_SAT	endothelial	<i>CREM</i>	TRUE	2.014133357
CAD_admission_freq_obese_SAT	endothelial	<i>DECR2</i>	TRUE	2.57051439
CAD_admission_freq_obese_SAT	endothelial	<i>MKS1</i>	TRUE	2.062074537
CAD_admission_freq_obese_SAT	endothelial	<i>MZT2A</i>	TRUE	2.041023427
CAD_admission_freq_obese_SAT	endothelial	<i>ZNF335</i>	TRUE	2.100814196
CAD_admission_freq_obese_SAT	endothelial	<i>SLC25A34</i>	TRUE	2.146597781
CAD_admission_freq_obese_SAT	endothelial	<i>SLC25A38</i>	TRUE	2.849139556
CAD_admission_freq_obese_SAT	endothelial	<i>PACSI</i>	TRUE	2.566193424
CAD_admission_freq_obese_SAT	endothelial	<i>GTSF1</i>	TRUE	2.027244619
CAD_admission_freq_obese_SAT	endothelial	<i>PI16</i>	TRUE	2.161659539
CAD_admission_freq_obese_SAT	LEC	<i>PDCD1</i>	TRUE	2.003921463
CAD_admission_freq_obese_SAT	LEC	<i>C11orf63</i>	TRUE	2.310149334
CAD_admission_freq_obese_SAT	LEC	<i>CYGB</i>	TRUE	2.661713147
CAD_admission_freq_obese_SAT	LEC	<i>PLEKHJ1</i>	TRUE	2.493626469
CAD_admission_freq_obese_SAT	LEC	<i>CEP85</i>	TRUE	2.170468324
CAD_admission_freq_obese_SAT	LEC	<i>PDZK1IP1</i>	TRUE	2.143523197
CAD_admission_freq_obese_SAT	LEC	<i>OTUD3</i>	TRUE	2.177404235
CAD_admission_freq_obese_SAT	LEC	<i>RASGRP3</i>	TRUE	2.917980238
CAD_admission_freq_obese_SAT	LEC	<i>DXO</i>	TRUE	2.220027742
CAD_admission_freq_obese_SAT	LEC	<i>TSLP</i>	TRUE	2.024599788
CAD_admission_freq_obese_SAT	LEC	<i>ZNF749</i>	TRUE	1.97709086
CAD_admission_freq_obese_SAT	LEC	<i>KLHDC9</i>	TRUE	2.247602557
CAD_admission_freq_obese_SAT	LEC	<i>UTS2</i>	TRUE	2.034430825
CAD_admission_freq_obese_SAT	LEC	<i>SIGLEC11</i>	TRUE	2.002030584
CAD_admission_freq_obese_SAT	LEC	<i>DNA2</i>	TRUE	2.036346443
CAD_admission_freq_obese_SAT	LEC	<i>AKR1C2</i>	TRUE	2.924606236
CAD_admission_freq_obese_SAT	LEC	<i>SH3GL3</i>	TRUE	2.142875595
CAD_admission_freq_obese_SAT	LEC	<i>STRC</i>	TRUE	2.058249581
CAD_admission_freq_obese_SAT	LEC	<i>DCAKD</i>	TRUE	2.02560353
CAD_admission_freq_obese_SAT	LEC	<i>CBX8</i>	TRUE	2.061745034
CAD_admission_freq_obese_SAT	LEC	<i>TTK</i>	TRUE	2.19107392
CAD_admission_freq_obese_SAT	macrophage	<i>HIST1H1D</i>	TRUE	2.147405282
CAD_admission_freq_obese_SAT	macrophage	<i>MMAB</i>	TRUE	2.066943746
CAD_admission_freq_obese_SAT	macrophage	<i>PCDHGA6</i>	TRUE	2.196934277
CAD_admission_freq_obese_SAT	macrophage	<i>TRIM68</i>	TRUE	2.10291355
CAD_admission_freq_obese_SAT	macrophage	<i>CIQBP</i>	TRUE	1.96689693
CAD_admission_freq_obese_SAT	macrophage	<i>SLFN12</i>	TRUE	1.961466143
CAD_admission_freq_obese_SAT	macrophage	<i>ZCCHC11</i>	TRUE	2.629833581
CAD_admission_freq_obese_SAT	macrophage	<i>NSUN4</i>	TRUE	2.733509766
CAD_admission_freq_obese_SAT	macrophage	<i>HDHD2</i>	TRUE	2.192708826
CAD_admission_freq_obese_SAT	macrophage	<i>RCHY1</i>	TRUE	2.116549892

CAD_admission_freq_obese_SAT	macrophage	<i>NFYA</i>	TRUE	1.962000578
CAD_admission_freq_obese_SAT	macrophage	<i>OLFML3</i>	TRUE	1.991652919
CAD_admission_freq_obese_SAT	macrophage	<i>PTN</i>	TRUE	2.688209679
CAD_admission_freq_obese_SAT	macrophage	<i>ZNF324</i>	TRUE	2.04170644
CAD_admission_freq_obese_SAT	macrophage	<i>ZFP37</i>	TRUE	2.064322806
CAD_admission_freq_obese_SAT	macrophage	<i>RPP25L</i>	TRUE	1.960379866
CAD_admission_freq_obese_SAT	macrophage	<i>LYSMD4</i>	TRUE	2.085579418
CAD_admission_freq_obese_SAT	macrophage	<i>GAS2L2</i>	TRUE	4.021295304
CAD_admission_freq_obese_SAT	macrophage	<i>H2AFV</i>	TRUE	2.14204881
CAD_admission_freq_obese_SAT	macrophage	<i>ARSA</i>	TRUE	2.195550274
CAD_admission_freq_obese_SAT	macrophage	<i>GTSF1</i>	TRUE	2.486915856
CAD_admission_freq_obese_SAT	macrophage	<i>LRRC39</i>	TRUE	2.356036228
CAD_admission_freq_obese_SAT	macrophage	<i>FOXO6</i>	TRUE	2.079372912
CAD_admission_freq_obese_SAT	macrophage	<i>PIGS</i>	TRUE	2.069951083
CAD_admission_freq_obese_SAT	mast_cell	<i>NPHP4</i>	TRUE	1.996057627
CAD_admission_freq_obese_SAT	mast_cell	<i>TRMT2A</i>	TRUE	1.979856122
CAD_admission_freq_obese_SAT	mast_cell	<i>ARL1</i>	TRUE	1.975446625
CAD_admission_freq_obese_SAT	mast_cell	<i>UBE2F</i>	TRUE	2.236804707
CAD_admission_freq_obese_SAT	mast_cell	<i>NINJ1</i>	TRUE	2.097749749
CAD_admission_freq_obese_SAT	mast_cell	<i>KCNN2</i>	TRUE	3.661006566
CAD_admission_freq_obese_SAT	mast_cell	<i>LRRC23</i>	TRUE	2.113372238
CAD_admission_freq_obese_SAT	mast_cell	<i>PPTC7</i>	TRUE	2.199055607
CAD_admission_freq_obese_SAT	mast_cell	<i>SLC12A5</i>	TRUE	2.111627082
CAD_admission_freq_obese_SAT	mast_cell	<i>IPPK</i>	TRUE	2.739268579
CAD_admission_freq_obese_SAT	mast_cell	<i>MED20</i>	TRUE	2.501795881
CAD_admission_freq_obese_SAT	mast_cell	<i>HORMAD2</i>	TRUE	2.039483775
CAD_admission_freq_obese_SAT	mast_cell	<i>YPEL1</i>	TRUE	2.041217695
CAD_admission_freq_obese_SAT	mast_cell	<i>MRPS26</i>	TRUE	2.100008382
CAD_admission_freq_obese_SAT	mast_cell	<i>TBC1D26</i>	TRUE	1.969381502
CAD_admission_freq_obese_SAT	monocyte	<i>ANKRD54</i>	TRUE	2.462926424
CAD_admission_freq_obese_SAT	monocyte	<i>PLSCR1</i>	TRUE	2.317204941
CAD_admission_freq_obese_SAT	monocyte	<i>GRIK1</i>	TRUE	1.965258044
CAD_admission_freq_obese_SAT	monocyte	<i>PHYH</i>	TRUE	3.093583166
CAD_admission_freq_obese_SAT	monocyte	<i>LINC00545</i>	TRUE	2.412944772
CAD_admission_freq_obese_SAT	monocyte	<i>ATP6V0D2</i>	TRUE	2.300053242
CAD_admission_freq_obese_SAT	monocyte	<i>NDUFB4</i>	TRUE	2.352024202
CAD_admission_freq_obese_SAT	monocyte	<i>TVP23C</i>	TRUE	2.338723149
CAD_admission_freq_obese_SAT	monocyte	<i>OXCT1</i>	TRUE	2.585317042
CAD_admission_freq_obese_SAT	monocyte	<i>TRPM4</i>	TRUE	2.164611662
CAD_admission_freq_obese_SAT	monocyte	<i>SPICE1</i>	TRUE	1.984760184
CAD_admission_freq_obese_SAT	monocyte	<i>TULP2</i>	TRUE	2.148400477
CAD_admission_freq_obese_SAT	monocyte	<i>ASNSD1</i>	TRUE	2.470393252
CAD_admission_freq_obese_SAT	monocyte	<i>GSKIP</i>	TRUE	1.966004955
CAD_admission_freq_obese_SAT	monocyte	<i>ZFP37</i>	TRUE	2.397955805

CAD_admission_freq_obese_SAT	monocyte	<i>MRPL47</i>	TRUE	2.51403326
CAD_admission_freq_obese_SAT	monocyte	<i>GAS2L2</i>	TRUE	1.970017225
CAD_admission_freq_obese_SAT	monocyte	<i>GUSB</i>	TRUE	2.574562497
CAD_admission_freq_obese_SAT	monocyte	<i>HAUS1</i>	TRUE	2.036187074
CAD_admission_freq_obese_SAT	monocyte	<i>PCBD1</i>	TRUE	2.283444379
CAD_admission_freq_obese_SAT	monocyte	<i>RNF7</i>	TRUE	2.543404739
CAD_admission_freq_obese_SAT	monocyte	<i>ADAMDEC1</i>	TRUE	1.999661209
CAD_admission_freq_obese_SAT	monocyte	<i>RGPD8</i>	TRUE	2.306993278
CAD_admission_freq_obese_SAT	neutrophil	<i>METTL21C</i>	TRUE	2.514567761
CAD_admission_freq_obese_SAT	neutrophil	<i>RABL2A</i>	TRUE	2.365501745
CAD_admission_freq_obese_SAT	neutrophil	<i>CDK2AP1</i>	TRUE	2.065720682
CAD_admission_freq_obese_SAT	neutrophil	<i>FAM160A2</i>	TRUE	2.129529734
CAD_admission_freq_obese_SAT	neutrophil	<i>LDHA</i>	TRUE	2.023545297
CAD_admission_freq_obese_SAT	neutrophil	<i>SASS6</i>	TRUE	2.322175223
CAD_admission_freq_obese_SAT	neutrophil	<i>TULP2</i>	TRUE	2.470350778
CAD_admission_freq_obese_SAT	neutrophil	<i>GRIK2</i>	TRUE	2.074684667
CAD_admission_freq_obese_SAT	neutrophil	<i>PSRC1</i>	TRUE	2.067464652
CAD_admission_freq_obese_SAT	neutrophil	<i>SPDYE1</i>	TRUE	2.196790638
CAD_admission_freq_obese_SAT	neutrophil	<i>PUSL1</i>	TRUE	2.194036466
CAD_admission_freq_obese_SAT	neutrophil	<i>DNLZ</i>	TRUE	2.560127635
CAD_admission_freq_obese_SAT	neutrophil	<i>SLC35E2B</i>	TRUE	2.310543207
CAD_admission_freq_obese_SAT	neutrophil	<i>GREB1L</i>	TRUE	2.132242018
CAD_admission_freq_obese_SAT	neutrophil	<i>NPC1L1</i>	TRUE	2.274914084
CAD_admission_freq_obese_SAT	neutrophil	<i>MLLT6</i>	TRUE	2.004490697
CAD_admission_freq_obese_SAT	neutrophil	<i>PCBD1</i>	TRUE	1.963164788
CAD_admission_freq_obese_SAT	neutrophil	<i>OGFRL1</i>	TRUE	2.25686412
CAD_admission_freq_obese_SAT	neutrophil	<i>SLC22A31</i>	TRUE	2.003549318
CAD_admission_freq_obese_SAT	neutrophil	<i>ADAMDEC1</i>	TRUE	2.752909872
CAD_admission_freq_obese_SAT	nk_cell	<i>AKAP11</i>	TRUE	2.60899112
CAD_admission_freq_obese_SAT	nk_cell	<i>MYRF</i>	TRUE	2.11235416
CAD_admission_freq_obese_SAT	nk_cell	<i>PCDHGA1</i>	TRUE	2.244656751
CAD_admission_freq_obese_SAT	nk_cell	<i>GYPE</i>	TRUE	2.103185011
CAD_admission_freq_obese_SAT	nk_cell	<i>RAB13</i>	TRUE	2.162531183
CAD_admission_freq_obese_SAT	nk_cell	<i>CD27</i>	TRUE	2.112670394
CAD_admission_freq_obese_SAT	nk_cell	<i>SRP19</i>	TRUE	2.036336284
CAD_admission_freq_obese_SAT	nk_cell	<i>LINC01013</i>	TRUE	4.338393641
CAD_admission_freq_obese_SAT	nk_cell	<i>CILP2</i>	TRUE	2.086528136
CAD_admission_freq_obese_SAT	nk_cell	<i>TMEM220</i>	TRUE	2.451272972
CAD_admission_freq_obese_SAT	nk_cell	<i>DRAM1</i>	TRUE	2.595552261
CAD_admission_freq_obese_SAT	nk_cell	<i>ZNF506</i>	TRUE	2.125936038
CAD_admission_freq_obese_SAT	nk_cell	<i>UBE3B</i>	TRUE	2.904547637
CAD_admission_freq_obese_SAT	nk_cell	<i>LRRC34</i>	TRUE	2.026780285
CAD_admission_freq_obese_SAT	nk_cell	<i>ERMAP</i>	TRUE	2.194959752
CAD_admission_freq_obese_SAT	nk_cell	<i>LINC00174</i>	TRUE	2.227249736

CAD_admission_freq_obese_SAT	pericyte	<i>CNNM3</i>	TRUE	2.10440334
CAD_admission_freq_obese_SAT	pericyte	<i>TDP1</i>	TRUE	2.228887046
CAD_admission_freq_obese_SAT	pericyte	<i>HIST3H2A</i>	TRUE	2.408923471
CAD_admission_freq_obese_SAT	pericyte	<i>C2orf76</i>	TRUE	2.063575126
CAD_admission_freq_obese_SAT	pericyte	<i>RNASE6</i>	TRUE	2.030918005
CAD_admission_freq_obese_SAT	pericyte	<i>ZMPSTE24</i>	TRUE	2.699132304
CAD_admission_freq_obese_SAT	pericyte	<i>LINC01013</i>	TRUE	2.071392631
CAD_admission_freq_obese_SAT	pericyte	<i>TP53BP2</i>	TRUE	2.320090428
CAD_admission_freq_obese_SAT	pericyte	<i>LINC00092</i>	TRUE	2.351488324
CAD_admission_freq_obese_SAT	pericyte	<i>CCL24</i>	TRUE	2.339724426
CAD_admission_freq_obese_SAT	pericyte	<i>BRI3</i>	TRUE	2.007691046
CAD_admission_freq_obese_SAT	pericyte	<i>CTBS</i>	TRUE	3.256503812
CAD_admission_freq_obese_SAT	pericyte	<i>FAP</i>	TRUE	2.079728308
CAD_admission_freq_obese_SAT	SMC	<i>PCK2</i>	TRUE	2.247268357
CAD_admission_freq_obese_SAT	SMC	<i>PLSCR1</i>	TRUE	2.414796732
CAD_admission_freq_obese_SAT	SMC	<i>FGFBP3</i>	TRUE	2.000003249
CAD_admission_freq_obese_SAT	SMC	<i>MTHFS</i>	TRUE	2.1648035
CAD_admission_freq_obese_SAT	SMC	<i>PMS2</i>	TRUE	2.12928626
CAD_admission_freq_obese_SAT	SMC	<i>ZNF670</i>	TRUE	2.196051613
CAD_admission_freq_obese_SAT	SMC	<i>BLOC1S2</i>	TRUE	2.575262865
CAD_admission_freq_obese_SAT	SMC	<i>HSPB11</i>	TRUE	1.967862646
CAD_admission_freq_obese_SAT	SMC	<i>CCDC74A</i>	TRUE	2.0514914
CAD_admission_freq_obese_SAT	SMC	<i>SLC18B1</i>	TRUE	1.989109713
CAD_admission_freq_obese_SAT	SMC	<i>PCDHB2</i>	TRUE	2.396195684
CAD_admission_freq_obese_SAT	SMC	<i>IFT88</i>	TRUE	2.393646839
CAD_admission_freq_obese_SAT	SMC	<i>NECAP1</i>	TRUE	2.26592453
CAD_admission_freq_obese_SAT	SMC	<i>RNF165</i>	TRUE	2.115727701
CAD_admission_freq_obese_SAT	SMC	<i>C1orf216</i>	TRUE	2.0188244
CAD_admission_freq_obese_SAT	SMC	<i>NOA1</i>	TRUE	2.971502393
CAD_admission_freq_obese_SAT	SMC	<i>CACNB4</i>	TRUE	2.220260556
CAD_admission_freq_obese_SAT	SMC	<i>ALG1L</i>	TRUE	2.167138158
CAD_admission_freq_obese_SAT	SMC	<i>CENPP</i>	TRUE	2.231665983
CAD_admission_freq_obese_SAT	SMC	<i>PII5</i>	TRUE	2.106410862
CAD_admission_freq_obese_SAT	t_cell	<i>PBX1</i>	TRUE	2.251122003
CAD_admission_freq_obese_SAT	t_cell	<i>PAM16</i>	TRUE	2.062934971
CAD_admission_freq_obese_SAT	t_cell	<i>SGCG</i>	TRUE	2.4828407
CAD_admission_freq_obese_SAT	t_cell	<i>STX2</i>	TRUE	2.464190075
CAD_admission_freq_obese_SAT	t_cell	<i>RNF144A</i>	TRUE	3.016006694
CAD_admission_freq_obese_SAT	t_cell	<i>DXO</i>	TRUE	2.092523814
CAD_admission_freq_obese_SAT	t_cell	<i>COX16</i>	TRUE	1.961979405
CAD_admission_freq_obese_SAT	t_cell	<i>CTNS</i>	TRUE	2.046227004
CAD_admission_freq_obese_SAT	t_cell	<i>RASGEF1A</i>	TRUE	2.664064865
CAD_admission_freq_obese_SAT	t_cell	<i>BEAN1</i>	TRUE	2.515636467
CAD_admission_freq_obese_SAT	t_cell	<i>WBP2</i>	TRUE	3.162245449

CAD_admission_freq_obese_SAT	t_cell	<i>SEPHS1</i>	TRUE	3.061329203
CAD_admission_freq_obese_SAT	t_cell	<i>HOOK1</i>	TRUE	2.10588938
CAD_admission_freq_obese_SAT	t_cell	<i>CNGA4</i>	TRUE	2.145027541
CAD_admission_freq_obese_SAT	t_cell	<i>BCHE</i>	TRUE	2.106998731
CAD_admission_freq_obese_SAT	t_cell	<i>PPP1R9A</i>	TRUE	2.471525248
CAD_admission_freq_obese_SAT	t_cell	<i>PGA3</i>	TRUE	1.96676131
CAD_mortality_obese_SAT	adipocyte	<i>OGFOD1</i>	TRUE	2.284471569
CAD_mortality_obese_SAT	adipocyte	<i>PRPF4</i>	TRUE	1.975696246
CAD_mortality_obese_SAT	adipocyte	<i>BBS12</i>	TRUE	1.979204327
CAD_mortality_obese_SAT	adipocyte	<i>TTC30A</i>	TRUE	2.269617157
CAD_mortality_obese_SAT	adipocyte	<i>PDF</i>	TRUE	2.865704342
CAD_mortality_obese_SAT	adipocyte	<i>POGLUT1</i>	TRUE	2.253095609
CAD_mortality_obese_SAT	adipocyte	<i>SUPT4H1</i>	TRUE	2.114866644
CAD_mortality_obese_SAT	adipocyte	<i>C10orf107</i>	TRUE	2.516375002
CAD_mortality_obese_SAT	adipocyte	<i>METTL2A</i>	TRUE	2.228161082
CAD_mortality_obese_SAT	adipocyte	<i>CENPJ</i>	TRUE	2.768299694
CAD_mortality_obese_SAT	adipocyte	<i>MTHFR</i>	TRUE	2.07098417
CAD_mortality_obese_SAT	adipocyte	<i>EXOC3L4</i>	TRUE	2.472264004
CAD_mortality_obese_SAT	adipocyte	<i>ATP6V1E2</i>	TRUE	1.96814625
CAD_mortality_obese_SAT	adipocyte	<i>TM2D3</i>	TRUE	1.99098289
CAD_mortality_obese_SAT	adipocyte	<i>ZFP41</i>	TRUE	2.306443336
CAD_mortality_obese_SAT	adipocyte	<i>PACSIN3</i>	TRUE	2.261865769
CAD_mortality_obese_SAT	adipocyte	<i>GUSB</i>	TRUE	1.982369565
CAD_mortality_obese_SAT	adipocyte	<i>RPL7L1</i>	TRUE	2.507093241
CAD_mortality_obese_SAT	adipocyte	<i>LINC01106</i>	TRUE	2.482627544
CAD_mortality_obese_SAT	ASPC	<i>C21orf2</i>	TRUE	2.021439302
CAD_mortality_obese_SAT	ASPC	<i>PRKDC</i>	TRUE	2.067778756
CAD_mortality_obese_SAT	ASPC	<i>LINC00545</i>	TRUE	2.378266179
CAD_mortality_obese_SAT	ASPC	<i>DOCK7</i>	TRUE	2.061770396
CAD_mortality_obese_SAT	ASPC	<i>MDM1</i>	TRUE	1.966889487
CAD_mortality_obese_SAT	ASPC	<i>CFHR1</i>	TRUE	2.331178955
CAD_mortality_obese_SAT	ASPC	<i>FANCG</i>	TRUE	2.149356214
CAD_mortality_obese_SAT	ASPC	<i>ZDHHC11</i>	TRUE	2.452182415
CAD_mortality_obese_SAT	ASPC	<i>U2AF1L4</i>	TRUE	2.121657189
CAD_mortality_obese_SAT	ASPC	<i>CELSR1</i>	TRUE	2.693501927
CAD_mortality_obese_SAT	ASPC	<i>AC131971.1</i>	TRUE	2.101084381
CAD_mortality_obese_SAT	ASPC	<i>MARK3</i>	TRUE	2.097555001
CAD_mortality_obese_SAT	ASPC	<i>EPS15</i>	TRUE	2.167181184
CAD_mortality_obese_SAT	ASPC	<i>ZC3H8</i>	TRUE	2.402593765
CAD_mortality_obese_SAT	ASPC	<i>GDPD3</i>	TRUE	2.192704261
CAD_mortality_obese_SAT	ASPC	<i>BCL7B</i>	TRUE	2.541928848
CAD_mortality_obese_SAT	ASPC	<i>DNPEP</i>	TRUE	2.328858256
CAD_mortality_obese_SAT	ASPC	<i>TTK</i>	TRUE	2.073008878
CAD_mortality_obese_SAT	b_cell	<i>CEP41</i>	TRUE	1.997931116

CAD_mortality_obese_SAT	b_cell	<i>BMP8A</i>	TRUE	2.067332637
CAD_mortality_obese_SAT	b_cell	<i>PPA2</i>	TRUE	2.312901856
CAD_mortality_obese_SAT	b_cell	<i>ALG6</i>	TRUE	1.960556903
CAD_mortality_obese_SAT	b_cell	<i>FAM126B</i>	TRUE	2.17665474
CAD_mortality_obese_SAT	b_cell	<i>TRPM6</i>	TRUE	2.078123241
CAD_mortality_obese_SAT	b_cell	<i>GPR160</i>	TRUE	2.549584179
CAD_mortality_obese_SAT	b_cell	<i>MAP10</i>	TRUE	2.552655683
CAD_mortality_obese_SAT	b_cell	<i>H2AFV</i>	TRUE	2.493243353
CAD_mortality_obese_SAT	b_cell	<i>ABHD8</i>	TRUE	2.27953554
CAD_mortality_obese_SAT	b_cell	<i>TCN2</i>	TRUE	2.13178685
CAD_mortality_obese_SAT	b_cell	<i>RPP14</i>	TRUE	2.210315483
CAD_mortality_obese_SAT	b_cell	<i>RBM6</i>	TRUE	2.019544228
CAD_mortality_obese_SAT	dendritic_cell	<i>ZNF559</i>	TRUE	2.611954812
CAD_mortality_obese_SAT	dendritic_cell	<i>DNAJC16</i>	TRUE	1.966973607
CAD_mortality_obese_SAT	dendritic_cell	<i>HSPA2</i>	TRUE	1.980908271
CAD_mortality_obese_SAT	dendritic_cell	<i>LRCH4</i>	TRUE	1.988139605
CAD_mortality_obese_SAT	dendritic_cell	<i>STX19</i>	TRUE	2.406080993
CAD_mortality_obese_SAT	dendritic_cell	<i>LY86</i>	TRUE	2.05634631
CAD_mortality_obese_SAT	dendritic_cell	<i>TMEM123</i>	TRUE	2.197677598
CAD_mortality_obese_SAT	dendritic_cell	<i>EIF3L</i>	TRUE	2.195996022
CAD_mortality_obese_SAT	dendritic_cell	<i>NMUR1</i>	TRUE	2.552883456
CAD_mortality_obese_SAT	dendritic_cell	<i>PCSK9</i>	TRUE	2.43837002
CAD_mortality_obese_SAT	dendritic_cell	<i>TFCP2L1</i>	TRUE	1.960750623
CAD_mortality_obese_SAT	dendritic_cell	<i>GP1BA</i>	TRUE	1.969243362
CAD_mortality_obese_SAT	dendritic_cell	<i>GOLGA8Q</i>	TRUE	2.70213197
CAD_mortality_obese_SAT	dendritic_cell	<i>ECSIT</i>	TRUE	2.080049974
CAD_mortality_obese_SAT	dendritic_cell	<i>EID3</i>	TRUE	2.002793559
CAD_mortality_obese_SAT	dendritic_cell	<i>POLR1B</i>	TRUE	2.191342867
CAD_mortality_obese_SAT	dendritic_cell	<i>NDUFAF1</i>	TRUE	2.039916253
CAD_mortality_obese_SAT	endothelial	<i>TCF19</i>	TRUE	2.238575864
CAD_mortality_obese_SAT	endothelial	<i>VEGFB</i>	TRUE	2.579523999
CAD_mortality_obese_SAT	endothelial	<i>ZNF547</i>	TRUE	2.11940074
CAD_mortality_obese_SAT	endothelial	<i>GABPB2</i>	TRUE	2.579572242
CAD_mortality_obese_SAT	endothelial	<i>TCP10L</i>	TRUE	2.092259573
CAD_mortality_obese_SAT	endothelial	<i>ZMPSTE24</i>	TRUE	2.151723367
CAD_mortality_obese_SAT	endothelial	<i>KIAA0087</i>	TRUE	1.978197713
CAD_mortality_obese_SAT	endothelial	<i>IST1</i>	TRUE	2.10793969
CAD_mortality_obese_SAT	endothelial	<i>UVSSA</i>	TRUE	2.098149469
CAD_mortality_obese_SAT	endothelial	<i>KCNJ15</i>	TRUE	2.885335756
CAD_mortality_obese_SAT	LEC	<i>CCDC25</i>	TRUE	2.084594179
CAD_mortality_obese_SAT	LEC	<i>NOMO1</i>	TRUE	2.487079523
CAD_mortality_obese_SAT	LEC	<i>ZNRD1</i>	TRUE	2.092683322
CAD_mortality_obese_SAT	LEC	<i>TSEN34</i>	TRUE	2.091980024
CAD_mortality_obese_SAT	LEC	<i>STIM2</i>	TRUE	2.58123517

CAD_mortality_obese_SAT	LEC	<i>PIGP</i>	TRUE	2.968713793
CAD_mortality_obese_SAT	LEC	<i>LDHA</i>	TRUE	2.196847232
CAD_mortality_obese_SAT	LEC	<i>HDAC2</i>	TRUE	2.146336836
CAD_mortality_obese_SAT	LEC	<i>TOMM34</i>	TRUE	1.963346043
CAD_mortality_obese_SAT	LEC	<i>NOC4L</i>	TRUE	2.799299515
CAD_mortality_obese_SAT	LEC	<i>MRPL20</i>	TRUE	2.744619924
CAD_mortality_obese_SAT	LEC	<i>FKTN</i>	TRUE	2.280527831
CAD_mortality_obese_SAT	LEC	<i>PRKAB1</i>	TRUE	2.439302325
CAD_mortality_obese_SAT	LEC	<i>TRPM6</i>	TRUE	2.038753729
CAD_mortality_obese_SAT	LEC	<i>HPX</i>	TRUE	2.228736624
CAD_mortality_obese_SAT	LEC	<i>TBC1D26</i>	TRUE	2.715463227
CAD_mortality_obese_SAT	macrophage	<i>GPR27</i>	TRUE	2.175401906
CAD_mortality_obese_SAT	macrophage	<i>SERINC3</i>	TRUE	2.165439153
CAD_mortality_obese_SAT	macrophage	<i>LIPC</i>	TRUE	2.077145498
CAD_mortality_obese_SAT	macrophage	<i>PYURF</i>	TRUE	2.00785931
CAD_mortality_obese_SAT	macrophage	<i>WDR19</i>	TRUE	2.10721915
CAD_mortality_obese_SAT	macrophage	<i>DOCK7</i>	TRUE	2.049436115
CAD_mortality_obese_SAT	macrophage	<i>HTR7</i>	TRUE	2.085940612
CAD_mortality_obese_SAT	macrophage	<i>BLOC1S2</i>	TRUE	2.378563818
CAD_mortality_obese_SAT	macrophage	<i>BRICD5</i>	TRUE	1.978256718
CAD_mortality_obese_SAT	macrophage	<i>TSC22D4</i>	TRUE	2.098445384
CAD_mortality_obese_SAT	macrophage	<i>SUPT3H</i>	TRUE	1.966601131
CAD_mortality_obese_SAT	macrophage	<i>UBXN4</i>	TRUE	2.519292024
CAD_mortality_obese_SAT	macrophage	<i>DNPEP</i>	TRUE	2.095007339
CAD_mortality_obese_SAT	macrophage	<i>RGPD8</i>	TRUE	2.535774561
CAD_mortality_obese_SAT	mast_cell	<i>RPS13</i>	TRUE	2.071589976
CAD_mortality_obese_SAT	mast_cell	<i>IP6K3</i>	TRUE	2.089952662
CAD_mortality_obese_SAT	mast_cell	<i>INPP5B</i>	TRUE	2.442099411
CAD_mortality_obese_SAT	mast_cell	<i>C17orf49</i>	TRUE	2.384473495
CAD_mortality_obese_SAT	mast_cell	<i>KMT2A</i>	TRUE	2.032253092
CAD_mortality_obese_SAT	mast_cell	<i>MDM1</i>	TRUE	1.978060116
CAD_mortality_obese_SAT	mast_cell	<i>UCHL3</i>	TRUE	2.333527472
CAD_mortality_obese_SAT	mast_cell	<i>ATAD3B</i>	TRUE	2.26507375
CAD_mortality_obese_SAT	mast_cell	<i>NBPF1</i>	TRUE	2.092909329
CAD_mortality_obese_SAT	mast_cell	<i>ZMPSTE24</i>	TRUE	2.006610077
CAD_mortality_obese_SAT	mast_cell	<i>KCNC4</i>	TRUE	2.158691557
CAD_mortality_obese_SAT	mast_cell	<i>MORN2</i>	TRUE	2.009959971
CAD_mortality_obese_SAT	mast_cell	<i>NUTM2A</i>	TRUE	2.267799855
CAD_mortality_obese_SAT	monocyte	<i>FAM207A</i>	TRUE	2.352579367
CAD_mortality_obese_SAT	monocyte	<i>TMEM99</i>	TRUE	3.216862408
CAD_mortality_obese_SAT	monocyte	<i>BTRC</i>	TRUE	2.792997576
CAD_mortality_obese_SAT	monocyte	<i>PLEKHJ1</i>	TRUE	2.323994226
CAD_mortality_obese_SAT	monocyte	<i>TAP2</i>	TRUE	2.21101862
CAD_mortality_obese_SAT	monocyte	<i>NDUFA6</i>	TRUE	2.487199723

CAD_mortality_obese_SAT	monocyte	<i>NOC4L</i>	TRUE	2.030522401
CAD_mortality_obese_SAT	monocyte	<i>C14orf2</i>	TRUE	2.322116889
CAD_mortality_obese_SAT	monocyte	<i>VCAM1</i>	TRUE	1.976014238
CAD_mortality_obese_SAT	monocyte	<i>LMTK2</i>	TRUE	2.229345412
CAD_mortality_obese_SAT	monocyte	<i>ASTN2</i>	TRUE	2.118205356
CAD_mortality_obese_SAT	monocyte	<i>TSSK6</i>	TRUE	2.338450544
CAD_mortality_obese_SAT	monocyte	<i>CLYBL</i>	TRUE	2.064537787
CAD_mortality_obese_SAT	monocyte	<i>FAM225B</i>	TRUE	2.189306491
CAD_mortality_obese_SAT	monocyte	<i>GAS2L2</i>	TRUE	2.266787427
CAD_mortality_obese_SAT	monocyte	<i>ODF3L2</i>	TRUE	2.987859438
CAD_mortality_obese_SAT	monocyte	<i>GUSB</i>	TRUE	2.027690019
CAD_mortality_obese_SAT	monocyte	<i>VAT1</i>	TRUE	2.153040659
CAD_mortality_obese_SAT	monocyte	<i>ZNF211</i>	TRUE	2.101820131
CAD_mortality_obese_SAT	monocyte	<i>BCL7B</i>	TRUE	1.995269534
CAD_mortality_obese_SAT	monocyte	<i>TBC1D26</i>	TRUE	2.357459601
CAD_mortality_obese_SAT	neutrophil	<i>MEAI</i>	TRUE	2.371605562
CAD_mortality_obese_SAT	neutrophil	<i>FHOD1</i>	TRUE	2.150437306
CAD_mortality_obese_SAT	neutrophil	<i>WFDC2</i>	TRUE	1.997906061
CAD_mortality_obese_SAT	neutrophil	<i>UCHL3</i>	TRUE	2.083919267
CAD_mortality_obese_SAT	neutrophil	<i>SRP19</i>	TRUE	2.008489822
CAD_mortality_obese_SAT	neutrophil	<i>EMG1</i>	TRUE	2.482015872
CAD_mortality_obese_SAT	neutrophil	<i>SHANK3</i>	TRUE	2.162375604
CAD_mortality_obese_SAT	neutrophil	<i>DPY19L4</i>	TRUE	2.229798353
CAD_mortality_obese_SAT	neutrophil	<i>TMEM110</i>	TRUE	2.057927322
CAD_mortality_obese_SAT	neutrophil	<i>MZT2A</i>	TRUE	2.053035511
CAD_mortality_obese_SAT	neutrophil	<i>SLC26A8</i>	TRUE	1.980045781
CAD_mortality_obese_SAT	neutrophil	<i>TBC1D9</i>	TRUE	2.058621939
CAD_mortality_obese_SAT	neutrophil	<i>SPAG7</i>	TRUE	2.397879254
CAD_mortality_obese_SAT	neutrophil	<i>SCOC</i>	TRUE	1.980612382
CAD_mortality_obese_SAT	nk_cell	<i>ZFHX4</i>	TRUE	2.012834206
CAD_mortality_obese_SAT	nk_cell	<i>LRRC27</i>	TRUE	2.287834323
CAD_mortality_obese_SAT	nk_cell	<i>EIF4A3</i>	TRUE	2.029367973
CAD_mortality_obese_SAT	nk_cell	<i>VIM</i>	TRUE	2.06355367
CAD_mortality_obese_SAT	nk_cell	<i>DHRS11</i>	TRUE	1.966943302
CAD_mortality_obese_SAT	nk_cell	<i>PSPH</i>	TRUE	2.032474273
CAD_mortality_obese_SAT	nk_cell	<i>MRPL10</i>	TRUE	1.982437004
CAD_mortality_obese_SAT	nk_cell	<i>PAX8</i>	TRUE	2.361275854
CAD_mortality_obese_SAT	nk_cell	<i>GAS2L1</i>	TRUE	2.204337339
CAD_mortality_obese_SAT	nk_cell	<i>RCAN2</i>	TRUE	2.103154849
CAD_mortality_obese_SAT	nk_cell	<i>DYDC2</i>	TRUE	2.952759276
CAD_mortality_obese_SAT	nk_cell	<i>PCDHB15</i>	TRUE	2.118983215
CAD_mortality_obese_SAT	nk_cell	<i>PKP3</i>	TRUE	1.967505674
CAD_mortality_obese_SAT	nk_cell	<i>ATXN7L3B</i>	TRUE	2.226768871
CAD_mortality_obese_SAT	nk_cell	<i>BBC3</i>	TRUE	2.362811241

CAD_mortality_obese_SAT	nk_cell	<i>CBR1</i>	TRUE	2.090628641
CAD_mortality_obese_SAT	nk_cell	<i>LRRC34</i>	TRUE	3.037119073
CAD_mortality_obese_SAT	nk_cell	<i>EPB41L4A</i>	TRUE	2.336195833
CAD_mortality_obese_SAT	nk_cell	<i>RBM6</i>	TRUE	2.098324706
CAD_mortality_obese_SAT	pericyte	<i>TFIP11</i>	TRUE	2.079466668
CAD_mortality_obese_SAT	pericyte	<i>FBXL18</i>	TRUE	2.078072013
CAD_mortality_obese_SAT	pericyte	<i>NFKBIL1</i>	TRUE	2.055101353
CAD_mortality_obese_SAT	pericyte	<i>ZRSR1</i>	TRUE	2.178941496
CAD_mortality_obese_SAT	pericyte	<i>ZFYVE21</i>	TRUE	2.067653124
CAD_mortality_obese_SAT	pericyte	<i>PCYOX1L</i>	TRUE	2.943803285
CAD_mortality_obese_SAT	pericyte	<i>ZNF720</i>	TRUE	2.054821418
CAD_mortality_obese_SAT	pericyte	<i>C2orf76</i>	TRUE	1.974851415
CAD_mortality_obese_SAT	pericyte	<i>THOC3</i>	TRUE	2.113567216
CAD_mortality_obese_SAT	pericyte	<i>IFI35</i>	TRUE	2.133979705
CAD_mortality_obese_SAT	pericyte	<i>ATIC</i>	TRUE	2.087167167
CAD_mortality_obese_SAT	pericyte	<i>ZKSCAN8</i>	TRUE	2.224239434
CAD_mortality_obese_SAT	pericyte	<i>GNPTG</i>	TRUE	2.056677626
CAD_mortality_obese_SAT	pericyte	<i>ABCF3</i>	TRUE	2.016768281
CAD_mortality_obese_SAT	pericyte	<i>CRTAP</i>	TRUE	2.049499923
CAD_mortality_obese_SAT	pericyte	<i>RAB24</i>	TRUE	2.480657231
CAD_mortality_obese_SAT	pericyte	<i>PKDREJ</i>	TRUE	2.226801893
CAD_mortality_obese_SAT	pericyte	<i>SCOC</i>	TRUE	2.152514239
CAD_mortality_obese_SAT	SMC	<i>HIST1H1D</i>	TRUE	2.069664515
CAD_mortality_obese_SAT	SMC	<i>COX6B1</i>	TRUE	2.188584711
CAD_mortality_obese_SAT	SMC	<i>POLE3</i>	TRUE	2.242681714
CAD_mortality_obese_SAT	SMC	<i>SLC25A1</i>	TRUE	2.029266529
CAD_mortality_obese_SAT	SMC	<i>FBLN7</i>	TRUE	2.163157835
CAD_mortality_obese_SAT	SMC	<i>FAM208A</i>	TRUE	2.352117685
CAD_mortality_obese_SAT	SMC	<i>POLR3H</i>	TRUE	2.009522562
CAD_mortality_obese_SAT	SMC	<i>IMP3</i>	TRUE	1.967191928
CAD_mortality_obese_SAT	SMC	<i>PIK3IP1</i>	TRUE	2.125403335
CAD_mortality_obese_SAT	SMC	<i>SAP30L</i>	TRUE	2.103899939
CAD_mortality_obese_SAT	SMC	<i>DECR2</i>	TRUE	1.959992728
CAD_mortality_obese_SAT	SMC	<i>SAP25</i>	TRUE	2.594650981
CAD_mortality_obese_SAT	SMC	<i>GAS2L1</i>	TRUE	2.190744077
CAD_mortality_obese_SAT	SMC	<i>CLPP</i>	TRUE	2.052620718
CAD_mortality_obese_SAT	SMC	<i>TEKT5</i>	TRUE	2.224823108
CAD_mortality_obese_SAT	SMC	<i>SH3GL3</i>	TRUE	1.981206854
CAD_mortality_obese_SAT	SMC	<i>ACAD9</i>	TRUE	2.143738446
CAD_mortality_obese_SAT	SMC	<i>SPATA5L1</i>	TRUE	2.208759839
CAD_mortality_obese_SAT	SMC	<i>SLC12A5</i>	TRUE	2.249380502
CAD_mortality_obese_SAT	SMC	<i>CEBPZ</i>	TRUE	2.705949522
CAD_mortality_obese_SAT	SMC	<i>KIAA1211L</i>	TRUE	2.210176463
CAD_mortality_obese_SAT	SMC	<i>TTC21B</i>	TRUE	2.497394454

CAD_mortality_obese_SAT	t_cell	<i>AGAP3</i>	TRUE	2.014472679
CAD_mortality_obese_SAT	t_cell	<i>ANO1</i>	TRUE	2.209573543
CAD_mortality_obese_SAT	t_cell	<i>ATF4</i>	TRUE	2.006545563
CAD_mortality_obese_SAT	t_cell	<i>KLRD1</i>	TRUE	2.086386942
CAD_mortality_obese_SAT	t_cell	<i>C1orf50</i>	TRUE	2.518200157
CAD_mortality_obese_SAT	t_cell	<i>NBN</i>	TRUE	2.049262038
CAD_mortality_obese_SAT	t_cell	<i>HUS1</i>	TRUE	1.984263993
CAD_mortality_obese_SAT	t_cell	<i>SLC25A34</i>	TRUE	2.317080745
CAD_mortality_obese_SAT	t_cell	<i>WEE2</i>	TRUE	2.783262857
CAD_mortality_obese_SAT	t_cell	<i>ADAMDEC1</i>	TRUE	2.269256885

Note: zMin indicates the zscore calculated from the PC-simple for the causal relationships between the target gene and phenotype

d. Identified cell type specific causal genes for obesity and related disorders from VAT□

disorder	celltype	genes	causal gene	zMin
CAD	adipocyte	<i>TMEM17</i>	TRUE	2.453148183
CAD	adipocyte	<i>OSM</i>	TRUE	2.073718799
CAD	adipocyte	<i>POLM</i>	TRUE	2.151936947
CAD	adipocyte	<i>OR52N4</i>	TRUE	2.006997741
CAD	adipocyte	<i>FANCG</i>	TRUE	2.117049669
CAD	adipocyte	<i>ANTXRL</i>	TRUE	1.966779125
CAD	adipocyte	<i>ALGIL2</i>	TRUE	2.346792334
CAD	adipocyte	<i>ALG5</i>	TRUE	2.108807823
CAD	adipocyte	<i>ZNF257</i>	TRUE	2.021341454
CAD	adipocyte	<i>SIGLEC14</i>	TRUE	2.077232865
CAD	adipocyte	<i>AC004466.1</i>	TRUE	2.090728645
CAD	adipocyte	<i>XRCC3</i>	TRUE	2.4123562
CAD	adipocyte	<i>SCRN2</i>	TRUE	2.333194348
CAD	adipocyte	<i>DYNC2L1I</i>	TRUE	1.976200398
CAD	adipocyte	<i>USP49</i>	TRUE	2.00275321
CAD	adipocyte	<i>LINC00342</i>	TRUE	2.227562564
CAD	adipocyte	<i>ECII</i>	TRUE	2.179477592
CAD	ASPC	<i>ERCC5</i>	TRUE	2.169654
CAD	ASPC	<i>MKKS</i>	TRUE	2.530191973
CAD	ASPC	<i>LIPC</i>	TRUE	2.006587442
CAD	ASPC	<i>ELOVL3</i>	TRUE	3.157102452
CAD	ASPC	<i>TMEM30A</i>	TRUE	2.112004596
CAD	ASPC	<i>CDRT4</i>	TRUE	2.313269362
CAD	ASPC	<i>DSCC1</i>	TRUE	1.999247334
CAD	ASPC	<i>PAOX</i>	TRUE	2.048152472
CAD	ASPC	<i>SLC6A6</i>	TRUE	2.603151076
CAD	ASPC	<i>NCOA1</i>	TRUE	2.038709144
CAD	ASPC	<i>OXNAD1</i>	TRUE	2.007287914
CAD	ASPC	<i>RPL7</i>	TRUE	2.147064187
CAD	ASPC	<i>ESRRB</i>	TRUE	1.981330629
CAD	ASPC	<i>METTL21A</i>	TRUE	2.015706393
CAD	ASPC	<i>UPK1A</i>	TRUE	2.120039482
CAD	ASPC	<i>POLR1B</i>	TRUE	2.09292837
CAD	ASPC	<i>ZNF623</i>	TRUE	2.067164335
CAD	ASPC	<i>OPN4</i>	TRUE	2.214667621
CAD	ASPC	<i>SLC6A1</i>	TRUE	2.359847498
CAD	b_cell	<i>TCTN2</i>	TRUE	2.191791948
CAD	b_cell	<i>MBLAC1</i>	TRUE	2.006260694
CAD	b_cell	<i>SPTA1</i>	TRUE	2.187724605
CAD	b_cell	<i>API5</i>	TRUE	2.97441341
CAD	b_cell	<i>KBTBD12</i>	TRUE	2.237991188
CAD	b_cell	<i>DLEC1</i>	TRUE	2.136631627

CAD	b_cell	<i>KIAA1324</i>	TRUE	2.01360045
CAD	b_cell	<i>SYNJ2</i>	TRUE	1.97306857
CAD	b_cell	<i>SRXN1</i>	TRUE	2.189604313
CAD	b_cell	<i>ATP6V1G2</i>	TRUE	2.241891748
CAD	b_cell	<i>ANGPTL5</i>	TRUE	2.199746917
CAD	b_cell	<i>FOXI2</i>	TRUE	2.285034064
CAD	b_cell	<i>MTMR11</i>	TRUE	3.577776517
CAD	b_cell	<i>ANTXRL</i>	TRUE	2.106770289
CAD	b_cell	<i>CROCC</i>	TRUE	1.992571532
CAD	b_cell	<i>ZNF763</i>	TRUE	2.067117779
CAD	b_cell	<i>SNX19</i>	TRUE	1.994120926
CAD	b_cell	<i>LINC00667</i>	TRUE	2.297070579
CAD	b_cell	<i>DNLZ</i>	TRUE	2.416111824
CAD	b_cell	<i>AMDHD1</i>	TRUE	1.970985785
CAD	b_cell	<i>GAS2L2</i>	TRUE	2.137201787
CAD	b_cell	<i>POLR1B</i>	TRUE	2.136696825
CAD	b_cell	<i>RBM23</i>	TRUE	1.966053765
CAD	dendritic_cell	<i>DSCAML1</i>	TRUE	1.966898695
CAD	dendritic_cell	<i>C1RL</i>	TRUE	1.96677038
CAD	dendritic_cell	<i>CLEC3B</i>	TRUE	2.195951011
CAD	dendritic_cell	<i>ARL1</i>	TRUE	2.251377504
CAD	dendritic_cell	<i>KIR3DL1</i>	TRUE	2.5144978
CAD	dendritic_cell	<i>OR52N4</i>	TRUE	2.180571924
CAD	dendritic_cell	<i>CXCR6</i>	TRUE	2.028548549
CAD	dendritic_cell	<i>ENDOD1</i>	TRUE	3.099073065
CAD	dendritic_cell	<i>BLOC1S2</i>	TRUE	2.177161467
CAD	dendritic_cell	<i>COQ6</i>	TRUE	2.195944484
CAD	dendritic_cell	<i>EPCAM</i>	TRUE	2.01337733
CAD	dendritic_cell	<i>KLK10</i>	TRUE	2.045571593
CAD	dendritic_cell	<i>FIS1</i>	TRUE	3.256144019
CAD	dendritic_cell	<i>RHBDD3</i>	TRUE	2.331087721
CAD	dendritic_cell	<i>ICOSLG</i>	TRUE	2.153702656
CAD	dendritic_cell	<i>NUBP1</i>	TRUE	1.975291422
CAD	dendritic_cell	<i>BOD1L2</i>	TRUE	2.101321197
CAD	dendritic_cell	<i>GOLGA6L4</i>	TRUE	2.623180331
CAD	dendritic_cell	<i>STYXL1</i>	TRUE	2.862086363
CAD	endometrium	<i>ZNF559</i>	TRUE	2.792006546
CAD	endometrium	<i>NME8</i>	TRUE	1.962656954
CAD	endometrium	<i>PRIMPOL</i>	TRUE	2.410421112
CAD	endometrium	<i>TMC2</i>	TRUE	2.489052611
CAD	endometrium	<i>LAMP5</i>	TRUE	2.489820981
CAD	endometrium	<i>DDC</i>	TRUE	2.499931075
CAD	endometrium	<i>ARV1</i>	TRUE	2.086460076
CAD	endometrium	<i>PRDM15</i>	TRUE	2.312995527

CAD	endometrium	<i>ICMT</i>	TRUE	2.084352308
CAD	endometrium	<i>TTC38</i>	TRUE	2.46362553
CAD	endometrium	<i>ARL3</i>	TRUE	2.074601387
CAD	endometrium	<i>C5orf49</i>	TRUE	2.259731411
CAD	endometrium	<i>LDLRAP1</i>	TRUE	2.210793231
CAD	endometrium	<i>ARSA</i>	TRUE	2.371735913
CAD	endothelial	<i>EPN3</i>	TRUE	2.011319715
CAD	endothelial	<i>ARV1</i>	TRUE	2.009192617
CAD	endothelial	<i>ODF2L</i>	TRUE	1.999337715
CAD	endothelial	<i>URB1</i>	TRUE	2.094903607
CAD	endothelial	<i>MT1G</i>	TRUE	2.067841601
CAD	endothelial	<i>GSTP1</i>	TRUE	2.010813199
CAD	endothelial	<i>MRPS9</i>	TRUE	2.147138216
CAD	endothelial	<i>COX15</i>	TRUE	2.464191185
CAD	endothelial	<i>CCDC74A</i>	TRUE	2.29352649
CAD	endothelial	<i>PRR12</i>	TRUE	2.064573006
CAD	endothelial	<i>MYO7A</i>	TRUE	2.553571245
CAD	endothelial	<i>ALGIL2</i>	TRUE	1.972473174
CAD	endothelial	<i>APOBEC3B</i>	TRUE	2.602019348
CAD	endothelial	<i>Sep-02</i>	TRUE	2.064160622
CAD	endothelial	<i>BMPR2</i>	TRUE	1.970641138
CAD	endothelial	<i>NSUN3</i>	TRUE	2.388383084
CAD	endothelial	<i>HIF1A.AS2</i>	TRUE	2.020172326
CAD	endothelial	<i>PCDH10</i>	TRUE	2.154986242
CAD	endothelial	<i>AGAP6</i>	TRUE	2.422412447
CAD	endothelial	<i>TIPIN</i>	TRUE	2.720595432
CAD	endothelial	<i>SLC30A6</i>	TRUE	2.044050102
CAD	LEC	<i>L3MBTL2</i>	TRUE	2.066700706
CAD	LEC	<i>PLGLB2</i>	TRUE	1.988361786
CAD	LEC	<i>CAMTA1</i>	TRUE	2.055258156
CAD	LEC	<i>CCL16</i>	TRUE	2.139444208
CAD	LEC	<i>KLK10</i>	TRUE	2.05960668
CAD	LEC	<i>APOBEC3B</i>	TRUE	1.99252985
CAD	LEC	<i>ARL6IP5</i>	TRUE	2.306564389
CAD	LEC	<i>DNLZ</i>	TRUE	2.407732676
CAD	LEC	<i>C11orf87</i>	TRUE	2.147816547
CAD	LEC	<i>TMEM258</i>	TRUE	2.002599433
CAD	LEC	<i>SYT5</i>	TRUE	2.290473791
CAD	LEC	<i>B3GNT3</i>	TRUE	2.333515889
CAD	LEC	<i>SH3BP5L</i>	TRUE	2.731782592
CAD	LEC	<i>HAUS1</i>	TRUE	2.214609744
CAD	LEC	<i>ASPG</i>	TRUE	2.59941307
CAD	LEC	<i>DYNC2LI1</i>	TRUE	2.061546241
CAD	LEC	<i>LAMTOR4</i>	TRUE	2.020037122

CAD	LEC	<i>RNF217</i>	TRUE	2.186054466
CAD	LEC	<i>ROM1</i>	TRUE	2.129269764
CAD	LEC	<i>RPL10A</i>	TRUE	2.717456579
CAD	LEC	<i>TXNDC15</i>	TRUE	2.809769618
CAD	macrophage	<i>QSOX2</i>	TRUE	2.346944262
CAD	macrophage	<i>API5</i>	TRUE	2.176997635
CAD	macrophage	<i>SULT1C2</i>	TRUE	2.400209645
CAD	macrophage	<i>GTF2F1</i>	TRUE	2.357326289
CAD	macrophage	<i>FRS3</i>	TRUE	2.178652499
CAD	macrophage	<i>FOXRED2</i>	TRUE	1.995110295
CAD	macrophage	<i>IMPAD1</i>	TRUE	2.275536478
CAD	macrophage	<i>COQ6</i>	TRUE	2.459925671
CAD	macrophage	<i>SAP25</i>	TRUE	2.376497378
CAD	macrophage	<i>CCDC8</i>	TRUE	2.03705018
CAD	macrophage	<i>FBXL6</i>	TRUE	2.035681667
CAD	macrophage	<i>REG3G</i>	TRUE	2.048437032
CAD	macrophage	<i>ZNF781</i>	TRUE	2.315630211
CAD	macrophage	<i>MZT2A</i>	TRUE	2.020395368
CAD	macrophage	<i>TYSND1</i>	TRUE	2.229746526
CAD	macrophage	<i>OCN</i>	TRUE	2.09537977
CAD	mast_cell	<i>FAM50B</i>	TRUE	2.199323527
CAD	mast_cell	<i>SDHA</i>	TRUE	2.125224621
CAD	mast_cell	<i>TRIM73</i>	TRUE	2.244172578
CAD	mast_cell	<i>STRADA</i>	TRUE	2.113010893
CAD	mast_cell	<i>FAM3B</i>	TRUE	2.019707414
CAD	mast_cell	<i>MEOX1</i>	TRUE	2.184822829
CAD	mast_cell	<i>CAPN9</i>	TRUE	1.965264859
CAD	mast_cell	<i>CLUAP1</i>	TRUE	2.012973281
CAD	mast_cell	<i>OR2A42</i>	TRUE	2.034685724
CAD	mast_cell	<i>SAP25</i>	TRUE	2.014303013
CAD	mast_cell	<i>RRM1</i>	TRUE	2.123468438
CAD	mast_cell	<i>MCFD2</i>	TRUE	2.343902173
CAD	mast_cell	<i>KCNH4</i>	TRUE	1.997178583
CAD	mast_cell	<i>METTL14</i>	TRUE	2.038696308
CAD	mesothelium	<i>MTRNR2L4</i>	TRUE	1.991040061
CAD	mesothelium	<i>LIPC</i>	TRUE	2.040710768
CAD	mesothelium	<i>SDSL</i>	TRUE	2.018942656
CAD	mesothelium	<i>PCDHA10</i>	TRUE	1.987343595
CAD	mesothelium	<i>CALHM2</i>	TRUE	2.001003231
CAD	mesothelium	<i>LLGL2</i>	TRUE	2.088683031
CAD	mesothelium	<i>LINC00865</i>	TRUE	2.272216
CAD	mesothelium	<i>ENPPI</i>	TRUE	2.578885133
CAD	mesothelium	<i>LRRC43</i>	TRUE	2.236276057
CAD	mesothelium	<i>WASF1</i>	TRUE	2.184382419

CAD	mesothelium	<i>PJA2</i>	TRUE	2.664994275
CAD	monocyte	<i>PSMC3</i>	TRUE	2.019334366
CAD	monocyte	<i>RBM20</i>	TRUE	2.590098088
CAD	monocyte	<i>FAM86B1</i>	TRUE	2.355913894
CAD	monocyte	<i>ZNF621</i>	TRUE	2.128856109
CAD	monocyte	<i>TTC12</i>	TRUE	2.384241009
CAD	monocyte	<i>CAAP1</i>	TRUE	2.403414079
CAD	monocyte	<i>ACSS3</i>	TRUE	2.124079402
CAD	monocyte	<i>OXGR1</i>	TRUE	2.127447671
CAD	monocyte	<i>IMPAD1</i>	TRUE	2.256433691
CAD	monocyte	<i>S100B</i>	TRUE	1.981525168
CAD	monocyte	<i>CCDC74A</i>	TRUE	2.187081129
CAD	monocyte	<i>GOLGA6L10</i>	TRUE	2.29057088
CAD	monocyte	<i>ZNF534</i>	TRUE	3.159534539
CAD	monocyte	<i>RSL24D1</i>	TRUE	2.21166721
CAD	monocyte	<i>GAS2L2</i>	TRUE	2.267331287
CAD	monocyte	<i>SPATA20</i>	TRUE	1.966860164
CAD	neutrophil	<i>TMEM91</i>	TRUE	2.847563052
CAD	neutrophil	<i>TMEM133</i>	TRUE	1.965075778
CAD	neutrophil	<i>RBFA</i>	TRUE	2.030481085
CAD	neutrophil	<i>RCBTB1</i>	TRUE	2.02009442
CAD	neutrophil	<i>PCGF2</i>	TRUE	2.195278842
CAD	neutrophil	<i>ULK4</i>	TRUE	2.565771008
CAD	neutrophil	<i>CYP2U1</i>	TRUE	3.339905909
CAD	neutrophil	<i>GCC2</i>	TRUE	2.566983134
CAD	neutrophil	<i>ZNF667.AS1</i>	TRUE	1.973760391
CAD	neutrophil	<i>MXRA7</i>	TRUE	2.031790516
CAD	neutrophil	<i>DGKI</i>	TRUE	2.50105381
CAD	neutrophil	<i>AGK</i>	TRUE	2.140517378
CAD	neutrophil	<i>RPL10A</i>	TRUE	2.953847019
CAD	nk_cell	<i>RWDD1</i>	TRUE	2.850249827
CAD	nk_cell	<i>GPR180</i>	TRUE	2.285940501
CAD	nk_cell	<i>WDR5B</i>	TRUE	2.187039997
CAD	nk_cell	<i>KIF20A</i>	TRUE	1.983901512
CAD	nk_cell	<i>SLC2A1.AS1</i>	TRUE	2.258463048
CAD	nk_cell	<i>ZNF454</i>	TRUE	2.211879932
CAD	nk_cell	<i>RALGAPA1</i>	TRUE	1.977369022
CAD	nk_cell	<i>OXLD1</i>	TRUE	2.193693707
CAD	nk_cell	<i>LRRC37A2</i>	TRUE	2.31213447
CAD	nk_cell	<i>ZSWIM1</i>	TRUE	1.978343937
CAD	nk_cell	<i>DPYSL4</i>	TRUE	1.994159639
CAD	nk_cell	<i>PCGF2</i>	TRUE	1.986691448
CAD	nk_cell	<i>ESYT1</i>	TRUE	2.181307363
CAD	nk_cell	<i>DUSP15</i>	TRUE	2.861268068

CAD	nk_cell	<i>RPP25L</i>	TRUE	2.104932223
CAD	nk_cell	<i>KIF16B</i>	TRUE	2.021872115
CAD	nk_cell	<i>ALG1L</i>	TRUE	2.210432258
CAD	nk_cell	<i>RPL7</i>	TRUE	2.216905765
CAD	nk_cell	<i>CRYBB2</i>	TRUE	2.183382156
CAD	nk_cell	<i>GOLGA6L4</i>	TRUE	2.363161506
CAD	nk_cell	<i>HOXB2</i>	TRUE	2.234394231
CAD	SMC	<i>LURAP1</i>	TRUE	1.97426238
CAD	SMC	<i>SLFN11</i>	TRUE	1.97273621
CAD	SMC	<i>TMEM133</i>	TRUE	2.110746002
CAD	SMC	<i>DSCAML1</i>	TRUE	2.191196947
CAD	SMC	<i>BHMT</i>	TRUE	2.071612507
CAD	SMC	<i>PPP1R37</i>	TRUE	2.062332784
CAD	SMC	<i>ZNF561</i>	TRUE	2.113654927
CAD	SMC	<i>FBN3</i>	TRUE	2.638032327
CAD	SMC	<i>IFIT5</i>	TRUE	2.422567143
CAD	SMC	<i>LINC00332</i>	TRUE	2.039564224
CAD	SMC	<i>MCM6</i>	TRUE	2.519277691
CAD	SMC	<i>NRXN2</i>	TRUE	2.148226745
CAD	SMC	<i>LIG1</i>	TRUE	2.501336227
CAD	SMC	<i>CREB3L4</i>	TRUE	2.045576938
CAD	SMC	<i>NDUFAF2</i>	TRUE	2.058240118
CAD	SMC	<i>SECTM1</i>	TRUE	2.132342659
CAD	SMC	<i>TMEM206</i>	TRUE	3.055779626
CAD	SMC	<i>DARS2</i>	TRUE	2.505817536
CAD	SMC	<i>AC069213.1</i>	TRUE	2.19321546
CAD	SMC	<i>SUSD1</i>	TRUE	2.041319481
CAD	t_cell	<i>GTF2F1</i>	TRUE	2.20163959
CAD	t_cell	<i>TMC2</i>	TRUE	2.22759988
CAD	t_cell	<i>LINC00960</i>	TRUE	2.023020039
CAD	t_cell	<i>SCCPDH</i>	TRUE	2.236283668
CAD	t_cell	<i>FOXRED2</i>	TRUE	2.205065082
CAD	t_cell	<i>TBX6</i>	TRUE	2.146513211
CAD	t_cell	<i>PABPC1L</i>	TRUE	2.066786523
CAD	t_cell	<i>MCM3AP</i>	TRUE	2.095806475
CAD	t_cell	<i>SLC35F5</i>	TRUE	2.013400627
CAD	t_cell	<i>KIR3DL1</i>	TRUE	2.314362698
CAD	t_cell	<i>LRRCC1</i>	TRUE	2.585250543
CAD	t_cell	<i>OR2A42</i>	TRUE	1.981928416
CAD	t_cell	<i>TRIM7</i>	TRUE	1.984092337
CAD	t_cell	<i>JAKMIP3</i>	TRUE	2.101924727
CAD	t_cell	<i>LINC00667</i>	TRUE	2.346126581
CAD	t_cell	<i>ATP5H</i>	TRUE	2.206020281
CAD	t_cell	<i>LDLRAP1</i>	TRUE	2.1173527

CAD	t_cell	<i>CCDC86</i>	TRUE	2.427566817
CAD	t_cell	<i>SH3BP5L</i>	TRUE	2.457241365
CAD	t_cell	<i>CNGA4</i>	TRUE	2.571762724
CAD	t_cell	<i>ADCK2</i>	TRUE	2.630433079
CAD	t_cell	<i>SPAG7</i>	TRUE	2.121558951
T2DM	adipocyte	<i>SDR39U1</i>	TRUE	2.083828637
T2DM	adipocyte	<i>CCL23</i>	TRUE	2.097962056
T2DM	adipocyte	<i>ZNF514</i>	TRUE	2.074888517
T2DM	adipocyte	<i>MRPL14</i>	TRUE	1.993075527
T2DM	adipocyte	<i>C19orf54</i>	TRUE	2.382045366
T2DM	adipocyte	<i>HIST1H3E</i>	TRUE	2.440510385
T2DM	adipocyte	<i>CDKN2AIPNL</i>	TRUE	2.457780384
T2DM	adipocyte	<i>PCDHA10</i>	TRUE	1.992871463
T2DM	adipocyte	<i>ZNF257</i>	TRUE	2.621610399
T2DM	adipocyte	<i>FDPS</i>	TRUE	2.073520751
T2DM	adipocyte	<i>REEP2</i>	TRUE	2.130347611
T2DM	adipocyte	<i>WASF1</i>	TRUE	1.96170108
T2DM	adipocyte	<i>PPIA</i>	TRUE	2.21500931
T2DM	adipocyte	<i>LAMTOR4</i>	TRUE	2.283330489
T2DM	adipocyte	<i>AC131971.1</i>	TRUE	2.021609086
T2DM	adipocyte	<i>CCDC15</i>	TRUE	2.124694887
T2DM	adipocyte	<i>CSMD1</i>	TRUE	1.984310666
T2DM	adipocyte	<i>RPL3L</i>	TRUE	2.054375331
T2DM	ASPC	<i>DDX31</i>	TRUE	2.197678809
T2DM	ASPC	<i>ST20</i>	TRUE	1.976704057
T2DM	ASPC	<i>MGAT5B</i>	TRUE	2.149202721
T2DM	ASPC	<i>TMX3</i>	TRUE	2.378532818
T2DM	ASPC	<i>ZDHHC4</i>	TRUE	2.17693839
T2DM	ASPC	<i>TRIT1</i>	TRUE	2.413578318
T2DM	ASPC	<i>GTF2H2</i>	TRUE	2.231395462
T2DM	ASPC	<i>PCSK6</i>	TRUE	2.093900287
T2DM	ASPC	<i>NUP54</i>	TRUE	2.084224515
T2DM	ASPC	<i>HLF</i>	TRUE	2.389091416
T2DM	b_cell	<i>ZNF155</i>	TRUE	1.996986631
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T2DM	b_cell	<i>PRDM15</i>	TRUE	2.265871466
T2DM	b_cell	<i>CHCHD2</i>	TRUE	2.275365136
T2DM	b_cell	<i>IMPAD1</i>	TRUE	2.224854529
T2DM	b_cell	<i>CTNNBL1</i>	TRUE	2.372773433
T2DM	b_cell	<i>ACSF2</i>	TRUE	2.018461521
T2DM	b_cell	<i>METAP1</i>	TRUE	2.415823616
T2DM	b_cell	<i>RBP4</i>	TRUE	1.96954898
T2DM	b_cell	<i>SEZ6L2</i>	TRUE	2.522386154
T2DM	b_cell	<i>CDC6</i>	TRUE	2.225318789

T2DM	b_cell	<i>ANKRD65</i>	TRUE	2.04733021
T2DM	b_cell	<i>ADPRHL1</i>	TRUE	2.147370666
T2DM	b_cell	<i>MOSPD3</i>	TRUE	1.980544205
T2DM	b_cell	<i>HRNR</i>	TRUE	2.48128974
T2DM	b_cell	<i>LINC00668</i>	TRUE	2.252397041
T2DM	b_cell	<i>SLC5A4</i>	TRUE	2.379549735
T2DM	dendritic_cell	<i>FAM3B</i>	TRUE	2.317470775
T2DM	dendritic_cell	<i>CCDC137</i>	TRUE	2.999335568
T2DM	dendritic_cell	<i>ZNF749</i>	TRUE	2.186033838
T2DM	dendritic_cell	<i>USP30</i>	TRUE	2.15925618
T2DM	dendritic_cell	<i>TDRD6</i>	TRUE	2.123009544
T2DM	dendritic_cell	<i>GOLM1</i>	TRUE	2.314969289
T2DM	dendritic_cell	<i>ACSM2A</i>	TRUE	2.11226864
T2DM	dendritic_cell	<i>SGSH</i>	TRUE	1.960738696
T2DM	dendritic_cell	<i>CDC27</i>	TRUE	2.164667295
T2DM	dendritic_cell	<i>UBQLN1</i>	TRUE	2.266854975
T2DM	dendritic_cell	<i>CASC1</i>	TRUE	2.021372403
T2DM	dendritic_cell	<i>CYP4A11</i>	TRUE	1.962197138
T2DM	dendritic_cell	<i>CNGA4</i>	TRUE	1.981760112
T2DM	dendritic_cell	<i>APOA1</i>	TRUE	3.114238919
T2DM	dendritic_cell	<i>LSR</i>	TRUE	2.183997719
T2DM	dendritic_cell	<i>GTF2IRD2</i>	TRUE	2.341410177
T2DM	dendritic_cell	<i>ZNF391</i>	TRUE	2.749165837
T2DM	endometrium	<i>LCAT</i>	TRUE	2.61382322
T2DM	endometrium	<i>MKKS</i>	TRUE	2.353766905
T2DM	endometrium	<i>WWTR1</i>	TRUE	2.271454347
T2DM	endometrium	<i>STX2</i>	TRUE	2.22189067
T2DM	endometrium	<i>EMG1</i>	TRUE	2.088042061
T2DM	endometrium	<i>PAOX</i>	TRUE	2.504261788
T2DM	endometrium	<i>CLUAP1</i>	TRUE	2.351745384
T2DM	endometrium	<i>OR2A42</i>	TRUE	2.153015342
T2DM	endometrium	<i>ZNF726</i>	TRUE	2.431811487
T2DM	endometrium	<i>TTC4</i>	TRUE	2.163809971
T2DM	endometrium	<i>RRM1</i>	TRUE	2.116688095
T2DM	endometrium	<i>CEP19</i>	TRUE	2.033046132
T2DM	endometrium	<i>IRGM</i>	TRUE	2.116632929
T2DM	endometrium	<i>REG3G</i>	TRUE	2.132873476
T2DM	endometrium	<i>KIF16B</i>	TRUE	2.346482702
T2DM	endometrium	<i>ZFP30</i>	TRUE	2.294271435
T2DM	endometrium	<i>RAB3A</i>	TRUE	2.370696873
T2DM	endometrium	<i>CLCNKA</i>	TRUE	3.186390184
T2DM	endometrium	<i>SLC25A41</i>	TRUE	2.369032798
T2DM	endothelial	<i>AP000347.2</i>	TRUE	3.144110806
T2DM	endothelial	<i>FAM210B</i>	TRUE	1.967861148

T2DM	endothelial	<i>INPP5B</i>	TRUE	2.032644379
T2DM	endothelial	<i>BHMT</i>	TRUE	2.101416448
T2DM	endothelial	<i>ANKRD36C</i>	TRUE	2.43388913
T2DM	endothelial	<i>M6PR</i>	TRUE	1.969682654
T2DM	endothelial	<i>GBP3</i>	TRUE	2.003905529
T2DM	endothelial	<i>CTDNEP1</i>	TRUE	2.710030968
T2DM	endothelial	<i>PEX1</i>	TRUE	2.597923312
T2DM	endothelial	<i>SPATA20</i>	TRUE	2.034776772
T2DM	endothelial	<i>RPS9</i>	TRUE	2.195187041
T2DM	endothelial	<i>SNAPC4</i>	TRUE	2.239974255
T2DM	endothelial	<i>PRG2</i>	TRUE	2.140815327
T2DM	LEC	<i>RNPC3</i>	TRUE	2.090600607
T2DM	LEC	<i>FOXRED2</i>	TRUE	2.047566775
T2DM	LEC	<i>KLHDC7A</i>	TRUE	2.221325443
T2DM	LEC	<i>CASP3</i>	TRUE	2.030368412
T2DM	LEC	<i>JSRP1</i>	TRUE	2.507831268
T2DM	LEC	<i>MUL1</i>	TRUE	2.270232082
T2DM	LEC	<i>FPGT</i>	TRUE	1.996596077
T2DM	LEC	<i>ACAD9</i>	TRUE	2.681607199
T2DM	LEC	<i>ARMS2</i>	TRUE	1.966082818
T2DM	LEC	<i>KCNH4</i>	TRUE	2.206463051
T2DM	LEC	<i>WASF1</i>	TRUE	2.059692458
T2DM	LEC	<i>HAUS1</i>	TRUE	2.171652492
T2DM	LEC	<i>FCHSD1</i>	TRUE	2.108626679
T2DM	LEC	<i>MFAP3L</i>	TRUE	2.064632328
T2DM	LEC	<i>CBR1</i>	TRUE	2.072005332
T2DM	LEC	<i>PPP5C</i>	TRUE	2.16635231
T2DM	LEC	<i>RHBDL3</i>	TRUE	2.424970674
T2DM	macrophage	<i>ZNF559</i>	TRUE	2.461042993
T2DM	macrophage	<i>FAM86B1</i>	TRUE	3.6296851
T2DM	macrophage	<i>TMC2</i>	TRUE	2.060593829
T2DM	macrophage	<i>POLM</i>	TRUE	1.967913052
T2DM	macrophage	<i>SH3BGRL2</i>	TRUE	3.163254699
T2DM	macrophage	<i>HDHD2</i>	TRUE	2.613784151
T2DM	macrophage	<i>RBP4</i>	TRUE	2.277865843
T2DM	macrophage	<i>ZSCAN23</i>	TRUE	2.054202576
T2DM	macrophage	<i>PLBD2</i>	TRUE	2.014296284
T2DM	macrophage	<i>TTC27</i>	TRUE	1.982602826
T2DM	macrophage	<i>DGKI</i>	TRUE	2.450932011
T2DM	macrophage	<i>LINC00957</i>	TRUE	2.1081005
T2DM	macrophage	<i>DCAF4</i>	TRUE	2.148758593
T2DM	mast_cell	<i>TRABD2B</i>	TRUE	2.162670859
T2DM	mast_cell	<i>NME8</i>	TRUE	2.173006847
T2DM	mast_cell	<i>PIF1</i>	TRUE	2.197468503

T2DM	mast_cell	<i>ERAP2</i>	TRUE	2.268287303
T2DM	mast_cell	<i>TRNT1</i>	TRUE	2.16446566
T2DM	mast_cell	<i>C11orf54</i>	TRUE	1.960271781
T2DM	mast_cell	<i>PDE11A</i>	TRUE	2.141712794
T2DM	mast_cell	<i>NUDT8</i>	TRUE	2.09292688
T2DM	mast_cell	<i>PLBD2</i>	TRUE	2.087855049
T2DM	mast_cell	<i>CWF19L1</i>	TRUE	3.629261716
T2DM	mast_cell	<i>AHSA2</i>	TRUE	2.010096749
T2DM	mast_cell	<i>CSNK1A1L</i>	TRUE	2.269363824
T2DM	mast_cell	<i>ACHE</i>	TRUE	2.349654564
T2DM	mast_cell	<i>ATG14</i>	TRUE	2.084653472
T2DM	mesothelium	<i>ELOVL3</i>	TRUE	2.033261218
T2DM	mesothelium	<i>MTHFSD</i>	TRUE	2.180379374
T2DM	mesothelium	<i>SLC22A16</i>	TRUE	2.595836327
T2DM	mesothelium	<i>PAOX</i>	TRUE	2.439052197
T2DM	mesothelium	<i>TSHR</i>	TRUE	2.273555009
T2DM	mesothelium	<i>PCSK9</i>	TRUE	2.018458276
T2DM	mesothelium	<i>CAND1</i>	TRUE	2.470713261
T2DM	mesothelium	<i>NKD2</i>	TRUE	2.085122569
T2DM	mesothelium	<i>CYP2U1</i>	TRUE	2.272893662
T2DM	mesothelium	<i>ACSM2A</i>	TRUE	3.225597118
T2DM	mesothelium	<i>DNAAF3</i>	TRUE	2.514658902
T2DM	mesothelium	<i>DZIP1L</i>	TRUE	2.543616137
T2DM	mesothelium	<i>IMP4</i>	TRUE	2.059895892
T2DM	mesothelium	<i>AC131971.1</i>	TRUE	2.449031779
T2DM	mesothelium	<i>DDA1</i>	TRUE	2.388344425
T2DM	monocyte	<i>RTCA</i>	TRUE	2.496952295
T2DM	monocyte	<i>TRABD2B</i>	TRUE	2.233338644
T2DM	monocyte	<i>INPP5B</i>	TRUE	2.562212303
T2DM	monocyte	<i>RPRML</i>	TRUE	2.11808217
T2DM	monocyte	<i>SLC6A13</i>	TRUE	1.98806239
T2DM	monocyte	<i>TMEM41B</i>	TRUE	2.256032207
T2DM	monocyte	<i>MIS12</i>	TRUE	2.14468388
T2DM	monocyte	<i>SAP30L</i>	TRUE	2.177478269
T2DM	monocyte	<i>SNX5</i>	TRUE	2.560409817
T2DM	monocyte	<i>TMOD2</i>	TRUE	2.471548428
T2DM	monocyte	<i>GCHI</i>	TRUE	2.213288892
T2DM	monocyte	<i>PCDHA10</i>	TRUE	2.233578834
T2DM	monocyte	<i>C16orf86</i>	TRUE	2.080015128
T2DM	monocyte	<i>CCDC89</i>	TRUE	2.209148839
T2DM	monocyte	<i>RPL7</i>	TRUE	2.292909629
T2DM	monocyte	<i>CCL24</i>	TRUE	1.971197324
T2DM	monocyte	<i>SNX13</i>	TRUE	2.405129388
T2DM	monocyte	<i>LILRA2</i>	TRUE	2.071183226

T2DM	monocyte	<i>AHSA2</i>	TRUE	2.168969711
T2DM	monocyte	<i>METTL7B</i>	TRUE	2.267691109
T2DM	monocyte	<i>VCL</i>	TRUE	2.288341787
T2DM	neutrophil	<i>ZKSCAN5</i>	TRUE	2.070268832
T2DM	neutrophil	<i>ZNF559</i>	TRUE	2.075416925
T2DM	neutrophil	<i>NME1.NME2</i>	TRUE	2.076648227
T2DM	neutrophil	<i>PABPC1L</i>	TRUE	2.167056485
T2DM	neutrophil	<i>TTC9C</i>	TRUE	2.069185925
T2DM	neutrophil	<i>FOLR3</i>	TRUE	2.202452212
T2DM	neutrophil	<i>OTUD3</i>	TRUE	2.162707748
T2DM	neutrophil	<i>AP001172.2</i>	TRUE	2.646812539
T2DM	neutrophil	<i>CISD1</i>	TRUE	2.467697746
T2DM	neutrophil	<i>DNLZ</i>	TRUE	2.20746446
T2DM	neutrophil	<i>PEX1</i>	TRUE	2.120740289
T2DM	neutrophil	<i>FAM229B</i>	TRUE	2.149532782
T2DM	neutrophil	<i>SLC22A31</i>	TRUE	1.994887459
T2DM	neutrophil	<i>SNX31</i>	TRUE	2.493427319
T2DM	nk_cell	<i>RMDN1</i>	TRUE	1.973849023
T2DM	nk_cell	<i>LINGO4</i>	TRUE	2.49245319
T2DM	nk_cell	<i>N6AMT1</i>	TRUE	2.259556822
T2DM	nk_cell	<i>SLC2A1.AS1</i>	TRUE	2.590984547
T2DM	nk_cell	<i>POLM</i>	TRUE	2.317820535
T2DM	nk_cell	<i>UBE2E3</i>	TRUE	2.298776007
T2DM	nk_cell	<i>RNF144A</i>	TRUE	2.03552629
T2DM	nk_cell	<i>NEIL2</i>	TRUE	2.02106901
T2DM	nk_cell	<i>DCT</i>	TRUE	2.261514566
T2DM	nk_cell	<i>CCT3</i>	TRUE	2.216769845
T2DM	nk_cell	<i>GOLGA6L4</i>	TRUE	2.08591219
T2DM	nk_cell	<i>ENTPD6</i>	TRUE	2.007248041
T2DM	nk_cell	<i>PRDM4</i>	TRUE	2.056610124
T2DM	nk_cell	<i>CENPM</i>	TRUE	2.00750495
T2DM	nk_cell	<i>TXNDC15</i>	TRUE	2.45146398
T2DM	SMC	<i>MILR1</i>	TRUE	2.255041988
T2DM	SMC	<i>ELOVL3</i>	TRUE	2.364043765
T2DM	SMC	<i>LINC00663</i>	TRUE	2.274975579
T2DM	SMC	<i>TRIM32</i>	TRUE	2.541616461
T2DM	SMC	<i>C17orf75</i>	TRUE	2.034560364
T2DM	SMC	<i>MZT1</i>	TRUE	2.147048565
T2DM	SMC	<i>KLHDC4</i>	TRUE	2.81913587
T2DM	SMC	<i>MRPL20</i>	TRUE	2.557505441
T2DM	SMC	<i>LINC00839</i>	TRUE	2.944558522
T2DM	SMC	<i>G6PC2</i>	TRUE	1.991124934
T2DM	SMC	<i>CCDC115</i>	TRUE	1.975812103
T2DM	SMC	<i>PGAM1</i>	TRUE	1.963633885

T2DM	SMC	<i>ADAT2</i>	TRUE	2.035824974
T2DM	SMC	<i>HS3ST6</i>	TRUE	2.164602869
T2DM	SMC	<i>RAB24</i>	TRUE	2.496827268
T2DM	SMC	<i>CLCNKA</i>	TRUE	2.454031334
T2DM	SMC	<i>RNU6ATAC35P</i>	TRUE	2.197814441
T2DM	t_cell	<i>RNF180</i>	TRUE	2.265027114
T2DM	t_cell	<i>MMRN1</i>	TRUE	2.012480385
T2DM	t_cell	<i>PTH1R</i>	TRUE	2.501866393
T2DM	t_cell	<i>RELL1</i>	TRUE	2.217122446
T2DM	t_cell	<i>BMPR2</i>	TRUE	2.297486379
T2DM	t_cell	<i>CLHC1</i>	TRUE	1.965896952
T2DM	t_cell	<i>HIF1A.AS2</i>	TRUE	2.022496835
T2DM	t_cell	<i>REEP2</i>	TRUE	2.121856141
T2DM	t_cell	<i>IMP4</i>	TRUE	2.835692184
T2DM	t_cell	<i>EPHX2</i>	TRUE	1.963148683
T2DM	t_cell	<i>MRPS21</i>	TRUE	2.089578225
T2DM	t_cell	<i>SLC1A7</i>	TRUE	2.369247739
T2DM	t_cell	<i>CYP11A1</i>	TRUE	2.51271863
Hypertension	adipocyte	<i>ATP6VID</i>	TRUE	2.292035319
Hypertension	adipocyte	<i>RWDD1</i>	TRUE	2.490708238
Hypertension	adipocyte	<i>ZNF471</i>	TRUE	2.446421892
Hypertension	adipocyte	<i>ZDHHC7</i>	TRUE	2.094906828
Hypertension	adipocyte	<i>GINM1</i>	TRUE	2.184352206
Hypertension	adipocyte	<i>RNF144A</i>	TRUE	2.349309314
Hypertension	adipocyte	<i>SEC23B</i>	TRUE	2.227475655
Hypertension	adipocyte	<i>PIIP5K1</i>	TRUE	2.486734499
Hypertension	adipocyte	<i>CDC27</i>	TRUE	2.203610832
Hypertension	adipocyte	<i>ARL17B</i>	TRUE	2.087036702
Hypertension	adipocyte	<i>RHBDL3</i>	TRUE	2.042489871
Hypertension	adipocyte	<i>ECII</i>	TRUE	2.720328064
Hypertension	adipocyte	<i>ATP6V1E1</i>	TRUE	2.054975625
Hypertension	ASPC	<i>FAM86B1</i>	TRUE	2.281869288
Hypertension	ASPC	<i>SAE1</i>	TRUE	1.991832499
Hypertension	ASPC	<i>PDCD1LG2</i>	TRUE	1.984327191
Hypertension	ASPC	<i>PCDHGA1</i>	TRUE	2.01785621
Hypertension	ASPC	<i>GOLGA8K</i>	TRUE	2.055202517
Hypertension	ASPC	<i>ANAPC11</i>	TRUE	2.100984436
Hypertension	ASPC	<i>SLC26A1</i>	TRUE	2.055688884
Hypertension	ASPC	<i>KRT5</i>	TRUE	2.453923602
Hypertension	ASPC	<i>ST20</i>	TRUE	2.491181905
Hypertension	ASPC	<i>SEC61G</i>	TRUE	1.978363003
Hypertension	ASPC	<i>OR52N4</i>	TRUE	2.015238128
Hypertension	ASPC	<i>CCDC74A</i>	TRUE	2.111710124
Hypertension	ASPC	<i>C2CD5</i>	TRUE	2.101764659

Hypertension	ASPC	<i>UTS2</i>	TRUE	2.496298232
Hypertension	ASPC	<i>AGAP4</i>	TRUE	2.086493181
Hypertension	ASPC	<i>MYL5</i>	TRUE	2.012518703
Hypertension	ASPC	<i>UTS2B</i>	TRUE	2.227755925
Hypertension	ASPC	<i>CCT8</i>	TRUE	1.992332139
Hypertension	ASPC	<i>DGKI</i>	TRUE	2.282267133
Hypertension	ASPC	<i>WDR31</i>	TRUE	3.109561622
Hypertension	b_cell	<i>TRABD2B</i>	TRUE	2.287544086
Hypertension	b_cell	<i>RPS3</i>	TRUE	1.984806851
Hypertension	b_cell	<i>PRODH</i>	TRUE	2.252246933
Hypertension	b_cell	<i>CXCR6</i>	TRUE	2.353176529
Hypertension	b_cell	<i>HOXB9</i>	TRUE	1.993912337
Hypertension	b_cell	<i>CCDC74A</i>	TRUE	2.313015855
Hypertension	b_cell	<i>KLHDC9</i>	TRUE	1.991124713
Hypertension	b_cell	<i>C6orf48</i>	TRUE	2.52317461
Hypertension	b_cell	<i>FLOT1</i>	TRUE	2.146213654
Hypertension	b_cell	<i>ESYT1</i>	TRUE	2.290466264
Hypertension	b_cell	<i>ZNF781</i>	TRUE	2.38606835
Hypertension	b_cell	<i>G6PC2</i>	TRUE	2.06785683
Hypertension	b_cell	<i>SH3BP5L</i>	TRUE	2.27571636
Hypertension	b_cell	<i>EXOSC4</i>	TRUE	1.969439718
Hypertension	b_cell	<i>LINC01068</i>	TRUE	2.307104722
Hypertension	b_cell	<i>MAK16</i>	TRUE	2.180238048
Hypertension	b_cell	<i>GTF2IRD2</i>	TRUE	3.450105987
Hypertension	dendritic_cell	<i>SPTA1</i>	TRUE	1.966756524
Hypertension	dendritic_cell	<i>NME1.NME2</i>	TRUE	2.2718021
Hypertension	dendritic_cell	<i>TMEM30A</i>	TRUE	2.269925831
Hypertension	dendritic_cell	<i>G3BP2</i>	TRUE	2.042452488
Hypertension	dendritic_cell	<i>IFT122</i>	TRUE	2.345965107
Hypertension	dendritic_cell	<i>IL4R</i>	TRUE	2.093140091
Hypertension	dendritic_cell	<i>EPCAM</i>	TRUE	2.326743478
Hypertension	dendritic_cell	<i>CCNT2</i>	TRUE	2.164957642
Hypertension	dendritic_cell	<i>DEPTOR</i>	TRUE	2.250277343
Hypertension	dendritic_cell	<i>PCDH10</i>	TRUE	2.110174216
Hypertension	dendritic_cell	<i>GOLGA8N</i>	TRUE	2.198307268
Hypertension	dendritic_cell	<i>RP1L1</i>	TRUE	2.051890082
Hypertension	dendritic_cell	<i>RGS16</i>	TRUE	2.301503023
Hypertension	dendritic_cell	<i>NUP54</i>	TRUE	2.057793516
Hypertension	dendritic_cell	<i>LRPAP1</i>	TRUE	2.023400925
Hypertension	endometrium	<i>NDUFC2</i>	TRUE	2.336104345
Hypertension	endometrium	<i>RPRML</i>	TRUE	2.106070067
Hypertension	endometrium	<i>TBX6</i>	TRUE	2.134308131
Hypertension	endometrium	<i>KRT23</i>	TRUE	1.961117754
Hypertension	endometrium	<i>GGCX</i>	TRUE	2.048235085

Hypertension	endometrium	<i>IMPAD1</i>	TRUE	2.037516985
Hypertension	endometrium	<i>ANTXRL</i>	TRUE	2.319762438
Hypertension	endometrium	<i>DIP2A</i>	TRUE	2.601840546
Hypertension	endometrium	<i>KIF16B</i>	TRUE	2.294442721
Hypertension	endometrium	<i>SECTM1</i>	TRUE	3.008514272
Hypertension	endometrium	<i>MKRN2</i>	TRUE	2.416778393
Hypertension	endometrium	<i>DYNC2LI1</i>	TRUE	2.200791331
Hypertension	endometrium	<i>TSC1</i>	TRUE	2.039195841
Hypertension	endometrium	<i>PROCA1</i>	TRUE	3.146700087
Hypertension	endothelial	<i>GTF2F1</i>	TRUE	2.902494439
Hypertension	endothelial	<i>RAB6B</i>	TRUE	2.470153223
Hypertension	endothelial	<i>PLGLB1</i>	TRUE	2.61289462
Hypertension	endothelial	<i>ARHGDIA</i>	TRUE	3.502153343
Hypertension	endothelial	<i>UBE2Q2L</i>	TRUE	2.188983483
Hypertension	endothelial	<i>MTG1</i>	TRUE	2.205765965
Hypertension	endothelial	<i>KRT23</i>	TRUE	2.518652176
Hypertension	endothelial	<i>CANT1</i>	TRUE	2.376239085
Hypertension	endothelial	<i>ASIC3</i>	TRUE	1.966817443
Hypertension	endothelial	<i>CAND1</i>	TRUE	2.084823905
Hypertension	endothelial	<i>ALGIL2</i>	TRUE	2.010844313
Hypertension	endothelial	<i>CHMP2B</i>	TRUE	2.309934966
Hypertension	endothelial	<i>CYP4A11</i>	TRUE	2.020273183
Hypertension	endothelial	<i>C3orf14</i>	TRUE	2.265522722
Hypertension	endothelial	<i>STYXL1</i>	TRUE	2.283487945
Hypertension	endothelial	<i>ITGB6</i>	TRUE	2.016265834
Hypertension	endothelial	<i>LSR</i>	TRUE	2.490281397
Hypertension	endothelial	<i>CSNK1A1L</i>	TRUE	2.233651861
Hypertension	endothelial	<i>SPRR2B</i>	TRUE	2.10761611
Hypertension	LEC	<i>Sep-05</i>	TRUE	2.098878108
Hypertension	LEC	<i>TRABD2B</i>	TRUE	2.378860971
Hypertension	LEC	<i>RHPN2</i>	TRUE	2.305772435
Hypertension	LEC	<i>CCL14</i>	TRUE	2.428425906
Hypertension	LEC	<i>USP30</i>	TRUE	2.094649192
Hypertension	LEC	<i>ZNF726</i>	TRUE	2.144335331
Hypertension	LEC	<i>AFF1</i>	TRUE	2.131624985
Hypertension	LEC	<i>KRT27</i>	TRUE	2.545356382
Hypertension	LEC	<i>ZNF691</i>	TRUE	2.3481805
Hypertension	LEC	<i>BMPR2</i>	TRUE	2.189017015
Hypertension	LEC	<i>ESYT1</i>	TRUE	2.015631864
Hypertension	LEC	<i>AC004466.1</i>	TRUE	2.253161242
Hypertension	LEC	<i>C11orf87</i>	TRUE	2.714094869
Hypertension	LEC	<i>GDPD1</i>	TRUE	2.636494374
Hypertension	LEC	<i>MTFR1</i>	TRUE	2.031189872
Hypertension	LEC	<i>FAM229B</i>	TRUE	2.117529281

Hypertension	LEC	<i>LAMTOR4</i>	TRUE	2.590095535
Hypertension	LEC	<i>SLC6A1</i>	TRUE	2.411706346
Hypertension	LEC	<i>RUFY1</i>	TRUE	2.255961922
Hypertension	LEC	<i>ZNF598</i>	TRUE	2.687355226
Hypertension	macrophage	<i>RPS13</i>	TRUE	2.642614864
Hypertension	macrophage	<i>FAM86B1</i>	TRUE	2.088152198
Hypertension	macrophage	<i>PIWIL2</i>	TRUE	2.053584969
Hypertension	macrophage	<i>ANKRD36C</i>	TRUE	1.967043505
Hypertension	macrophage	<i>MTIF2</i>	TRUE	2.12929373
Hypertension	macrophage	<i>ZNF670</i>	TRUE	2.022292429
Hypertension	macrophage	<i>MRPL51</i>	TRUE	2.191897317
Hypertension	macrophage	<i>CCDC74A</i>	TRUE	2.071966761
Hypertension	macrophage	<i>AMPH</i>	TRUE	2.18289105
Hypertension	macrophage	<i>TNFSF12</i>	TRUE	2.048305248
Hypertension	macrophage	<i>TMEM56</i>	TRUE	2.968908774
Hypertension	macrophage	<i>ACAD9</i>	TRUE	2.313510034
Hypertension	macrophage	<i>RET</i>	TRUE	2.57786748
Hypertension	macrophage	<i>PRCD</i>	TRUE	1.964319307
Hypertension	macrophage	<i>PROZ</i>	TRUE	2.555198519
Hypertension	macrophage	<i>BCL7B</i>	TRUE	2.277856027
Hypertension	mast_cell	<i>EPN3</i>	TRUE	2.078184335
Hypertension	mast_cell	<i>MRPL36</i>	TRUE	2.717548833
Hypertension	mast_cell	<i>STRADA</i>	TRUE	2.111807385
Hypertension	mast_cell	<i>TMEM133</i>	TRUE	2.000093765
Hypertension	mast_cell	<i>POGLUT1</i>	TRUE	2.879669231
Hypertension	mast_cell	<i>Sep-02</i>	TRUE	2.048341356
Hypertension	mast_cell	<i>GEN1</i>	TRUE	2.118703277
Hypertension	mast_cell	<i>FGFR3</i>	TRUE	2.127439114
Hypertension	mast_cell	<i>ZNF667.AS1</i>	TRUE	2.032777863
Hypertension	mast_cell	<i>LMNB1</i>	TRUE	2.536097281
Hypertension	mast_cell	<i>TMEM206</i>	TRUE	2.133101383
Hypertension	mast_cell	<i>RPS9</i>	TRUE	2.449225478
Hypertension	mast_cell	<i>CD7</i>	TRUE	1.997934122
Hypertension	mast_cell	<i>LSR</i>	TRUE	2.248977774
Hypertension	mesothelium	<i>SRGAP2C</i>	TRUE	2.080971079
Hypertension	mesothelium	<i>SLC2A14</i>	TRUE	2.003795304
Hypertension	mesothelium	<i>INPP5B</i>	TRUE	2.276782537
Hypertension	mesothelium	<i>HLA.DOB</i>	TRUE	2.352759223
Hypertension	mesothelium	<i>PDZK1IP1</i>	TRUE	2.117525716
Hypertension	mesothelium	<i>ZKSCAN2</i>	TRUE	2.289572785
Hypertension	mesothelium	<i>POU5F1</i>	TRUE	2.479510906
Hypertension	mesothelium	<i>TNKS2</i>	TRUE	2.313652634
Hypertension	mesothelium	<i>TRIM27</i>	TRUE	2.64557154
Hypertension	mesothelium	<i>CNGA4</i>	TRUE	2.386097114

Hypertension	mesothelium	<i>CRYBB2</i>	TRUE	2.314756805
Hypertension	mesothelium	<i>STARD10</i>	TRUE	2.01248572
Hypertension	mesothelium	<i>C8orf37</i>	TRUE	2.372530496
Hypertension	mesothelium	<i>LINC00668</i>	TRUE	2.798675294
Hypertension	monocyte	<i>L3MBTL2</i>	TRUE	2.358212349
Hypertension	monocyte	<i>RTCA</i>	TRUE	2.457224616
Hypertension	monocyte	<i>ATG10</i>	TRUE	2.003667859
Hypertension	monocyte	<i>RMI2</i>	TRUE	2.115581537
Hypertension	monocyte	<i>OVGP1</i>	TRUE	2.02989084
Hypertension	monocyte	<i>RPRML</i>	TRUE	2.612729506
Hypertension	monocyte	<i>ZNF783</i>	TRUE	2.096884387
Hypertension	monocyte	<i>NKD2</i>	TRUE	2.211218656
Hypertension	monocyte	<i>ALKBH2</i>	TRUE	2.260271551
Hypertension	monocyte	<i>ACAD9</i>	TRUE	2.268600731
Hypertension	monocyte	<i>MMP11</i>	TRUE	2.412187843
Hypertension	monocyte	<i>PRCD</i>	TRUE	2.063308483
Hypertension	monocyte	<i>DBF4B</i>	TRUE	2.212000376
Hypertension	monocyte	<i>FAM110D</i>	TRUE	2.614443619
Hypertension	monocyte	<i>ADPRHL1</i>	TRUE	2.156149593
Hypertension	monocyte	<i>ADAM10</i>	TRUE	2.078959959
Hypertension	monocyte	<i>CENPP</i>	TRUE	2.071631234
Hypertension	monocyte	<i>ZNF80</i>	TRUE	2.012294997
Hypertension	monocyte	<i>DCAF4</i>	TRUE	2.209071972
Hypertension	monocyte	<i>FAM83B</i>	TRUE	2.178838323
Hypertension	monocyte	<i>PRDX2</i>	TRUE	2.526273279
Hypertension	neutrophil	<i>NPRL3</i>	TRUE	2.112955179
Hypertension	neutrophil	<i>NPIPB9</i>	TRUE	2.511319388
Hypertension	neutrophil	<i>NOS2</i>	TRUE	1.984063612
Hypertension	neutrophil	<i>ANKRD36C</i>	TRUE	2.063798603
Hypertension	neutrophil	<i>USP30</i>	TRUE	2.13051053
Hypertension	neutrophil	<i>TNFSF12</i>	TRUE	2.184954315
Hypertension	neutrophil	<i>C2CD4C</i>	TRUE	2.09422481
Hypertension	neutrophil	<i>GCC2</i>	TRUE	2.176075579
Hypertension	neutrophil	<i>FOLR1</i>	TRUE	2.230731625
Hypertension	neutrophil	<i>LYSMD4</i>	TRUE	2.349050566
Hypertension	neutrophil	<i>BVES</i>	TRUE	2.962695824
Hypertension	neutrophil	<i>MTFR1</i>	TRUE	2.296073151
Hypertension	neutrophil	<i>RNU6ATAC35P</i>	TRUE	2.137385537
Hypertension	nk_cell	<i>MBLAC1</i>	TRUE	2.158599124
Hypertension	nk_cell	<i>ZDHHC7</i>	TRUE	2.248433045
Hypertension	nk_cell	<i>SEC22A</i>	TRUE	2.01368797
Hypertension	nk_cell	<i>LINC00663</i>	TRUE	1.995066911
Hypertension	nk_cell	<i>SOSTDC1</i>	TRUE	2.209834786
Hypertension	nk_cell	<i>AC022498.1</i>	TRUE	2.455573385

Hypertension	nk_cell	<i>TMC6</i>	TRUE	2.241450558
Hypertension	nk_cell	<i>SP4</i>	TRUE	2.401125715
Hypertension	nk_cell	<i>EPCAM</i>	TRUE	2.277545186
Hypertension	nk_cell	<i>TRAPPC4</i>	TRUE	2.00040989
Hypertension	nk_cell	<i>MACROD2</i>	TRUE	2.404121841
Hypertension	nk_cell	<i>CFL2</i>	TRUE	1.993730303
Hypertension	nk_cell	<i>CCDC89</i>	TRUE	1.964855457
Hypertension	nk_cell	<i>PGP</i>	TRUE	2.079558499
Hypertension	nk_cell	<i>TTC27</i>	TRUE	2.323601782
Hypertension	nk_cell	<i>ZNF623</i>	TRUE	2.277549704
Hypertension	nk_cell	<i>AC131971.1</i>	TRUE	1.984492602
Hypertension	nk_cell	<i>MOSPD3</i>	TRUE	2.245958013
Hypertension	SMC	<i>DNPFI</i>	TRUE	2.764809704
Hypertension	SMC	<i>VANGL1</i>	TRUE	2.041791132
Hypertension	SMC	<i>CCL14</i>	TRUE	2.707691532
Hypertension	SMC	<i>TRAMIL1</i>	TRUE	1.964264491
Hypertension	SMC	<i>MIS12</i>	TRUE	2.212956527
Hypertension	SMC	<i>S100A1</i>	TRUE	2.162946182
Hypertension	SMC	<i>C10orf25</i>	TRUE	2.105212782
Hypertension	SMC	<i>RPS6KC1</i>	TRUE	2.010381955
Hypertension	SMC	<i>DNLZ</i>	TRUE	2.732997643
Hypertension	SMC	<i>RET</i>	TRUE	2.109206185
Hypertension	SMC	<i>CNPY4</i>	TRUE	2.061465853
Hypertension	SMC	<i>CHRFAM7A</i>	TRUE	1.960509132
Hypertension	SMC	<i>C3orf70</i>	TRUE	2.076697576
Hypertension	SMC	<i>NDUFS5</i>	TRUE	1.988869135
Hypertension	SMC	<i>SUGP2</i>	TRUE	2.656916009
Hypertension	SMC	<i>CLUL1</i>	TRUE	2.633605599
Hypertension	SMC	<i>PKDREJ</i>	TRUE	2.383412682
Hypertension	SMC	<i>RNASE4</i>	TRUE	2.51611028
Hypertension	t_cell	<i>HGF</i>	TRUE	2.182746343
Hypertension	t_cell	<i>ZNF621</i>	TRUE	2.217883624
Hypertension	t_cell	<i>CENPV</i>	TRUE	2.477293383
Hypertension	t_cell	<i>ZDHHC7</i>	TRUE	2.164503212
Hypertension	t_cell	<i>TSR3</i>	TRUE	2.134253234
Hypertension	t_cell	<i>LINC00960</i>	TRUE	2.373113747
Hypertension	t_cell	<i>TMEM116</i>	TRUE	3.017848986
Hypertension	t_cell	<i>ZNF514</i>	TRUE	2.053834031
Hypertension	t_cell	<i>ARHGEF33</i>	TRUE	1.982362471
Hypertension	t_cell	<i>NME5</i>	TRUE	2.479056754
Hypertension	t_cell	<i>IFNAR1</i>	TRUE	2.495576156
Hypertension	t_cell	<i>TULP2</i>	TRUE	2.995315872
Hypertension	t_cell	<i>HIST1H3E</i>	TRUE	3.320950566
Hypertension	t_cell	<i>AMPH</i>	TRUE	1.966187086

Hypertension	t_cell	<i>NPIPA5</i>	TRUE	2.098795229
Hypertension	t_cell	<i>CAV3</i>	TRUE	2.197367709
Hypertension	t_cell	<i>RABAC1</i>	TRUE	2.238241543
Hypertension	t_cell	<i>RET</i>	TRUE	2.447868211
Hypertension	t_cell	<i>PWWP2B</i>	TRUE	2.149729271
Hypertension	t_cell	<i>RPL7L1</i>	TRUE	2.652977654
Hypertension	t_cell	<i>PDE6H</i>	TRUE	2.304470048
Hypertension	t_cell	<i>HSD17B1</i>	TRUE	2.574151082
Heart_Failure	adipocyte	<i>ZNF471</i>	TRUE	2.474445411
Heart_Failure	adipocyte	<i>FTCD</i>	TRUE	1.979213218
Heart_Failure	adipocyte	<i>NOMO3</i>	TRUE	2.264245427
Heart_Failure	adipocyte	<i>FOLR3</i>	TRUE	2.147297947
Heart_Failure	adipocyte	<i>ERMARD</i>	TRUE	2.334124085
Heart_Failure	adipocyte	<i>ZNF285</i>	TRUE	2.213892509
Heart_Failure	adipocyte	<i>GPR52</i>	TRUE	1.987742778
Heart_Failure	adipocyte	<i>RET</i>	TRUE	1.980235127
Heart_Failure	adipocyte	<i>TELO2</i>	TRUE	2.190772064
Heart_Failure	adipocyte	<i>OR7D2</i>	TRUE	1.996777188
Heart_Failure	ASPC	<i>ECHDC2</i>	TRUE	2.052728209
Heart_Failure	ASPC	<i>NPIPB3</i>	TRUE	2.701279055
Heart_Failure	ASPC	<i>CDRT4</i>	TRUE	2.465672456
Heart_Failure	ASPC	<i>ST20</i>	TRUE	2.686934132
Heart_Failure	ASPC	<i>GJA4</i>	TRUE	2.122050945
Heart_Failure	ASPC	<i>CCDC74A</i>	TRUE	2.489831176
Heart_Failure	ASPC	<i>ZNF549</i>	TRUE	2.50137497
Heart_Failure	ASPC	<i>CLGN</i>	TRUE	2.296957948
Heart_Failure	ASPC	<i>ZDHHC4</i>	TRUE	2.974026427
Heart_Failure	ASPC	<i>ESYT1</i>	TRUE	3.563694374
Heart_Failure	ASPC	<i>TTC37</i>	TRUE	2.410494631
Heart_Failure	ASPC	<i>PTBP2</i>	TRUE	2.057187696
Heart_Failure	ASPC	<i>LRRC39</i>	TRUE	1.960209628
Heart_Failure	ASPC	<i>PRDM4</i>	TRUE	2.123008188
Heart_Failure	ASPC	<i>SLC25A41</i>	TRUE	2.41215148
Heart_Failure	b_cell	<i>API5</i>	TRUE	2.177686896
Heart_Failure	b_cell	<i>SLC2A1.AS1</i>	TRUE	2.011983826
Heart_Failure	b_cell	<i>TMEM116</i>	TRUE	2.6977319
Heart_Failure	b_cell	<i>FMO3</i>	TRUE	2.325512805
Heart_Failure	b_cell	<i>CYP2D6</i>	TRUE	2.000222686
Heart_Failure	b_cell	<i>HMOX2</i>	TRUE	2.622235246
Heart_Failure	b_cell	<i>A3GALT2</i>	TRUE	2.115633634
Heart_Failure	b_cell	<i>ATP13A4</i>	TRUE	2.339989213
Heart_Failure	b_cell	<i>SLC20A2</i>	TRUE	2.508381306
Heart_Failure	b_cell	<i>COLCA2</i>	TRUE	2.493209459
Heart_Failure	b_cell	<i>RHBDL3</i>	TRUE	2.326042487

Heart_Failure	dendritic_cell	<i>MEOX1</i>	TRUE	2.427440203
Heart_Failure	dendritic_cell	<i>KRT23</i>	TRUE	2.344403732
Heart_Failure	dendritic_cell	<i>ARL1</i>	TRUE	2.745450125
Heart_Failure	dendritic_cell	<i>GNPDA2</i>	TRUE	2.054044068
Heart_Failure	dendritic_cell	<i>TRIM32</i>	TRUE	2.509429928
Heart_Failure	dendritic_cell	<i>ABHD14B</i>	TRUE	2.48666174
Heart_Failure	dendritic_cell	<i>HIST1H3E</i>	TRUE	2.252363949
Heart_Failure	dendritic_cell	<i>LINC00240</i>	TRUE	2.059090293
Heart_Failure	dendritic_cell	<i>ZBED6</i>	TRUE	2.368837519
Heart_Failure	dendritic_cell	<i>ANKRD65</i>	TRUE	2.112502502
Heart_Failure	dendritic_cell	<i>POLR2I</i>	TRUE	2.122889047
Heart_Failure	endometrium	<i>PIF1</i>	TRUE	2.065848266
Heart_Failure	endometrium	<i>SPINK6</i>	TRUE	2.137506939
Heart_Failure	endometrium	<i>CYP2D6</i>	TRUE	2.089614393
Heart_Failure	endometrium	<i>PCDHA7</i>	TRUE	3.033089545
Heart_Failure	endometrium	<i>C2CD5</i>	TRUE	2.898010655
Heart_Failure	endometrium	<i>GPIHBP1</i>	TRUE	2.378190875
Heart_Failure	endometrium	<i>GABRB3</i>	TRUE	2.37140345
Heart_Failure	endometrium	<i>ZNF728</i>	TRUE	2.022276716
Heart_Failure	endometrium	<i>AGT</i>	TRUE	2.442757378
Heart_Failure	endometrium	<i>MYLK2</i>	TRUE	2.710314715
Heart_Failure	endometrium	<i>SSU72</i>	TRUE	2.34413687
Heart_Failure	endometrium	<i>NGEF</i>	TRUE	1.962098191
Heart_Failure	endometrium	<i>KIF16B</i>	TRUE	2.092548432
Heart_Failure	endometrium	<i>TMEM60</i>	TRUE	2.131933857
Heart_Failure	endometrium	<i>CDK10</i>	TRUE	2.170791388
Heart_Failure	endometrium	<i>TBC1D3</i>	TRUE	2.280720671
Heart_Failure	endometrium	<i>DYNC2L1</i>	TRUE	2.260086716
Heart_Failure	endometrium	<i>CENPP</i>	TRUE	1.996957697
Heart_Failure	endometrium	<i>CABIN1</i>	TRUE	2.09505439
Heart_Failure	endometrium	<i>EIF1AD</i>	TRUE	2.116509718
Heart_Failure	endothelial	<i>RBM20</i>	TRUE	2.415579474
Heart_Failure	endothelial	<i>CA8</i>	TRUE	1.96583709
Heart_Failure	endothelial	<i>TRIM73</i>	TRUE	2.451903683
Heart_Failure	endothelial	<i>CRYZ</i>	TRUE	2.647391288
Heart_Failure	endothelial	<i>INO80E</i>	TRUE	2.004687503
Heart_Failure	endothelial	<i>MRPS9</i>	TRUE	2.384845193
Heart_Failure	endothelial	<i>ZNF726</i>	TRUE	2.07750089
Heart_Failure	endothelial	<i>CBY1</i>	TRUE	2.157471788
Heart_Failure	endothelial	<i>RAB15</i>	TRUE	2.033071365
Heart_Failure	endothelial	<i>ZNF781</i>	TRUE	3.905695893
Heart_Failure	endothelial	<i>DNLZ</i>	TRUE	2.047058558
Heart_Failure	endothelial	<i>MIEF2</i>	TRUE	2.535005693
Heart_Failure	endothelial	<i>NDUFAF2</i>	TRUE	2.268638483

Heart_Failure	endothelial	<i>ZNF667.AS1</i>	TRUE	3.114301261
Heart_Failure	endothelial	<i>PWWP2B</i>	TRUE	3.556965313
Heart_Failure	endothelial	<i>METTL21A</i>	TRUE	2.047086782
Heart_Failure	LEC	<i>TRIM73</i>	TRUE	1.975414175
Heart_Failure	LEC	<i>SOSTDC1</i>	TRUE	2.257267271
Heart_Failure	LEC	<i>ACSS3</i>	TRUE	2.656836283
Heart_Failure	LEC	<i>POLM</i>	TRUE	2.360029601
Heart_Failure	LEC	<i>KRT73</i>	TRUE	3.41379964
Heart_Failure	LEC	<i>KRT27</i>	TRUE	2.117953695
Heart_Failure	LEC	<i>AKAP5</i>	TRUE	2.018696053
Heart_Failure	LEC	<i>ATF6B</i>	TRUE	1.968177845
Heart_Failure	LEC	<i>NOV</i>	TRUE	1.976913454
Heart_Failure	LEC	<i>OR4N2</i>	TRUE	2.042694719
Heart_Failure	LEC	<i>ZNF667.AS1</i>	TRUE	2.000085169
Heart_Failure	LEC	<i>SPATA20</i>	TRUE	2.098716328
Heart_Failure	LEC	<i>ADPRHL1</i>	TRUE	2.262477826
Heart_Failure	LEC	<i>NME7</i>	TRUE	2.479010266
Heart_Failure	LEC	<i>HAUS1</i>	TRUE	2.347313958
Heart_Failure	LEC	<i>SNX13</i>	TRUE	2.097185884
Heart_Failure	LEC	<i>PPIA</i>	TRUE	2.237632486
Heart_Failure	LEC	<i>POLR1B</i>	TRUE	2.404348904
Heart_Failure	LEC	<i>CENPP</i>	TRUE	1.995126228
Heart_Failure	LEC	<i>CWF19L1</i>	TRUE	2.668103569
Heart_Failure	LEC	<i>LSR</i>	TRUE	1.985186025
Heart_Failure	LEC	<i>DAXX</i>	TRUE	2.027282163
Heart_Failure	macrophage	<i>LRRC47</i>	TRUE	2.195569722
Heart_Failure	macrophage	<i>ATP6V0E2</i>	TRUE	1.960453354
Heart_Failure	macrophage	<i>ATP5S</i>	TRUE	2.142742621
Heart_Failure	macrophage	<i>DSCAML1</i>	TRUE	2.610534218
Heart_Failure	macrophage	<i>NQO1</i>	TRUE	2.281636298
Heart_Failure	macrophage	<i>S100B</i>	TRUE	2.044720155
Heart_Failure	macrophage	<i>C19orf54</i>	TRUE	2.900935273
Heart_Failure	macrophage	<i>CC2D1B</i>	TRUE	2.096534761
Heart_Failure	macrophage	<i>OCEL1</i>	TRUE	2.53117658
Heart_Failure	macrophage	<i>LIN37</i>	TRUE	2.206297098
Heart_Failure	macrophage	<i>ZNF273</i>	TRUE	2.627129901
Heart_Failure	macrophage	<i>KHDC1</i>	TRUE	2.333247885
Heart_Failure	macrophage	<i>SLC22A31</i>	TRUE	2.291029639
Heart_Failure	macrophage	<i>DYRK3</i>	TRUE	2.086269997
Heart_Failure	mast_cell	<i>SDHA</i>	TRUE	2.086692565
Heart_Failure	mast_cell	<i>CENPV</i>	TRUE	2.666913117
Heart_Failure	mast_cell	<i>TSR3</i>	TRUE	2.185632105
Heart_Failure	mast_cell	<i>GSTM1</i>	TRUE	2.694072551
Heart_Failure	mast_cell	<i>GJA4</i>	TRUE	2.368802041

Heart_Failure	mast_cell	<i>CEP44</i>	TRUE	2.211716652
Heart_Failure	mast_cell	<i>PKP3</i>	TRUE	2.029431346
Heart_Failure	mast_cell	<i>RPS10</i>	TRUE	2.076433935
Heart_Failure	mast_cell	<i>TPGS2</i>	TRUE	1.966187828
Heart_Failure	mast_cell	<i>CLHC1</i>	TRUE	2.359698318
Heart_Failure	mast_cell	<i>DZIP1L</i>	TRUE	1.978695054
Heart_Failure	mast_cell	<i>TMEM206</i>	TRUE	2.135109576
Heart_Failure	mast_cell	<i>DYNC2LI1</i>	TRUE	1.99759848
Heart_Failure	mast_cell	<i>CWF19L1</i>	TRUE	2.090577878
Heart_Failure	mast_cell	<i>SLC6A1</i>	TRUE	2.104028134
Heart_Failure	mast_cell	<i>RBM6</i>	TRUE	2.498265851
Heart_Failure	mast_cell	<i>BTN3A2</i>	TRUE	1.995577609
Heart_Failure	mast_cell	<i>SPRR2B</i>	TRUE	1.966424146
Heart_Failure	mesothelium	<i>LRRC57</i>	TRUE	2.201652865
Heart_Failure	mesothelium	<i>SRGAP2C</i>	TRUE	2.497014609
Heart_Failure	mesothelium	<i>CDHR3</i>	TRUE	2.321426297
Heart_Failure	mesothelium	<i>CDC7</i>	TRUE	2.117936632
Heart_Failure	mesothelium	<i>ST20</i>	TRUE	2.572376305
Heart_Failure	mesothelium	<i>PDZK1IP1</i>	TRUE	2.84659879
Heart_Failure	mesothelium	<i>OR52N4</i>	TRUE	1.982542148
Heart_Failure	mesothelium	<i>DISP2</i>	TRUE	2.39360973
Heart_Failure	mesothelium	<i>BLVRA</i>	TRUE	2.421043426
Heart_Failure	mesothelium	<i>AP001172.2</i>	TRUE	2.462991073
Heart_Failure	mesothelium	<i>ZFPM2</i>	TRUE	2.549955627
Heart_Failure	mesothelium	<i>ACAD9</i>	TRUE	2.894211557
Heart_Failure	mesothelium	<i>SNHG8</i>	TRUE	2.019472054
Heart_Failure	mesothelium	<i>IMP4</i>	TRUE	2.131026344
Heart_Failure	mesothelium	<i>SLC30A6</i>	TRUE	2.087053239
Heart_Failure	monocyte	<i>ATP6V1D</i>	TRUE	2.703510372
Heart_Failure	monocyte	<i>OSM</i>	TRUE	2.078030164
Heart_Failure	monocyte	<i>TDPI</i>	TRUE	1.999370472
Heart_Failure	monocyte	<i>TRIM32</i>	TRUE	2.790180662
Heart_Failure	monocyte	<i>MGAT5B</i>	TRUE	2.18412289
Heart_Failure	monocyte	<i>SULT1B1</i>	TRUE	2.50317602
Heart_Failure	monocyte	<i>POMT1</i>	TRUE	2.197408523
Heart_Failure	monocyte	<i>DNA2</i>	TRUE	1.970214258
Heart_Failure	monocyte	<i>KIR2DL1</i>	TRUE	2.228835048
Heart_Failure	monocyte	<i>APIP</i>	TRUE	2.139383529
Heart_Failure	monocyte	<i>EFHB</i>	TRUE	2.265176911
Heart_Failure	monocyte	<i>ITGAV</i>	TRUE	2.303905354
Heart_Failure	monocyte	<i>TEX264</i>	TRUE	2.256069586
Heart_Failure	monocyte	<i>SLC6A1</i>	TRUE	2.047680853
Heart_Failure	monocyte	<i>SLC25A41</i>	TRUE	2.125878768
Heart_Failure	monocyte	<i>ITIH4</i>	TRUE	2.066056592

Heart_Failure	monocyte	<i>TOR1AIP2</i>	TRUE	1.973474639
Heart_Failure	monocyte	<i>GNRHR</i>	TRUE	2.123502976
Heart_Failure	neutrophil	<i>RPS13</i>	TRUE	1.981909347
Heart_Failure	neutrophil	<i>OSM</i>	TRUE	2.038850307
Heart_Failure	neutrophil	<i>PABPC1L</i>	TRUE	2.403339667
Heart_Failure	neutrophil	<i>ANKK1</i>	TRUE	2.255445761
Heart_Failure	neutrophil	<i>LRRC1</i>	TRUE	2.075186803
Heart_Failure	neutrophil	<i>KANSL2</i>	TRUE	2.243665709
Heart_Failure	neutrophil	<i>AKAP3</i>	TRUE	2.849367342
Heart_Failure	neutrophil	<i>DENND4C</i>	TRUE	2.648076922
Heart_Failure	neutrophil	<i>LLGL2</i>	TRUE	2.000159894
Heart_Failure	neutrophil	<i>AKIRIN2</i>	TRUE	2.573936556
Heart_Failure	neutrophil	<i>ABT1</i>	TRUE	2.207718946
Heart_Failure	neutrophil	<i>MXRA7</i>	TRUE	2.795717622
Heart_Failure	neutrophil	<i>TSTA3</i>	TRUE	2.401125889
Heart_Failure	neutrophil	<i>FAM229B</i>	TRUE	2.449783619
Heart_Failure	neutrophil	<i>ARHGEF5</i>	TRUE	2.426589057
Heart_Failure	neutrophil	<i>LRRC39</i>	TRUE	2.347080616
Heart_Failure	neutrophil	<i>LINC00668</i>	TRUE	2.211497304
Heart_Failure	nk_cell	<i>RWDD1</i>	TRUE	2.068872798
Heart_Failure	nk_cell	<i>PFDN1</i>	TRUE	2.650830441
Heart_Failure	nk_cell	<i>UBA6</i>	TRUE	2.603589539
Heart_Failure	nk_cell	<i>LINC00663</i>	TRUE	2.011548644
Heart_Failure	nk_cell	<i>ZNF514</i>	TRUE	2.033807822
Heart_Failure	nk_cell	<i>SEC61G</i>	TRUE	2.127529793
Heart_Failure	nk_cell	<i>SASS6</i>	TRUE	2.028322531
Heart_Failure	nk_cell	<i>NBEAL1</i>	TRUE	1.962566474
Heart_Failure	nk_cell	<i>ARHGEF18</i>	TRUE	2.080352482
Heart_Failure	nk_cell	<i>ATF6B</i>	TRUE	3.068741525
Heart_Failure	nk_cell	<i>G6PC2</i>	TRUE	3.186145802
Heart_Failure	nk_cell	<i>KRTCAP3</i>	TRUE	2.078583722
Heart_Failure	nk_cell	<i>TTC27</i>	TRUE	2.214486938
Heart_Failure	nk_cell	<i>ZNF302</i>	TRUE	2.147780015
Heart_Failure	nk_cell	<i>GNPTAB</i>	TRUE	2.011159765
Heart_Failure	nk_cell	<i>DYNC2L1</i>	TRUE	2.146594959
Heart_Failure	nk_cell	<i>LRRC39</i>	TRUE	2.492878896
Heart_Failure	nk_cell	<i>SNRNP25</i>	TRUE	2.174329568
Heart_Failure	nk_cell	<i>SMPD4</i>	TRUE	3.14939559
Heart_Failure	SMC	<i>RMI2</i>	TRUE	2.369544175
Heart_Failure	SMC	<i>ACCS</i>	TRUE	2.300525517
Heart_Failure	SMC	<i>DHX58</i>	TRUE	2.437840031
Heart_Failure	SMC	<i>CANT1</i>	TRUE	2.258393399
Heart_Failure	SMC	<i>AQP5</i>	TRUE	1.965913921
Heart_Failure	SMC	<i>TMEM170A</i>	TRUE	2.568051854

Heart_Failure	SMC	<i>NME5</i>	TRUE	2.018398918
Heart_Failure	SMC	<i>RAPGEF3</i>	TRUE	2.542459112
Heart_Failure	SMC	<i>RET</i>	TRUE	2.021796871
Heart_Failure	SMC	<i>ZNF667.AS1</i>	TRUE	2.073193599
Heart_Failure	SMC	<i>ADO</i>	TRUE	2.048447179
Heart_Failure	SMC	<i>IQCG</i>	TRUE	2.213563991
Heart_Failure	SMC	<i>RGS11</i>	TRUE	2.087368801
Heart_Failure	SMC	<i>EPHX2</i>	TRUE	2.176181696
Heart_Failure	SMC	<i>CTBS</i>	TRUE	2.090616022
Heart_Failure	SMC	<i>CSNK1A1L</i>	TRUE	2.64420133
Heart_Failure	SMC	<i>SLC25A41</i>	TRUE	2.008513131
Heart_Failure	t_cell	<i>FLVCR1.AS1</i>	TRUE	1.999056017
Heart_Failure	t_cell	<i>POLE3</i>	TRUE	2.539541458
Heart_Failure	t_cell	<i>AMZ2</i>	TRUE	2.529318325
Heart_Failure	t_cell	<i>TMC2</i>	TRUE	2.269926397
Heart_Failure	t_cell	<i>PDZK1IP1</i>	TRUE	2.043073265
Heart_Failure	t_cell	<i>CTNNB1</i>	TRUE	2.13007802
Heart_Failure	t_cell	<i>S100B</i>	TRUE	2.07399097
Heart_Failure	t_cell	<i>LRPPRC</i>	TRUE	2.172228612
Heart_Failure	t_cell	<i>C14orf144</i>	TRUE	2.119434223
Heart_Failure	t_cell	<i>PHOSPHO2</i>	TRUE	2.656871494
Heart_Failure	t_cell	<i>DNALH1</i>	TRUE	2.244520036
Heart_Failure	t_cell	<i>NOV</i>	TRUE	2.80936184
Heart_Failure	t_cell	<i>GCC2</i>	TRUE	2.035787903
Heart_Failure	t_cell	<i>CXCL16</i>	TRUE	2.012290235
Heart_Failure	t_cell	<i>RYS3</i>	TRUE	1.976322979
Heart_Failure	t_cell	<i>H3F3C</i>	TRUE	2.253656068
Heart_Failure	t_cell	<i>SUGP2</i>	TRUE	2.486059172
Heart_Failure	t_cell	<i>MRPS26</i>	TRUE	2.731544652
Heart_Failure	t_cell	<i>RNASE4</i>	TRUE	2.294138718
Stroke	adipocyte	<i>TULP1</i>	TRUE	2.042853327
Stroke	adipocyte	<i>NSA2</i>	TRUE	2.165257112
Stroke	adipocyte	<i>ORC4</i>	TRUE	1.988255281
Stroke	adipocyte	<i>ECHDC2</i>	TRUE	1.979618957
Stroke	adipocyte	<i>C4orf45</i>	TRUE	2.019237216
Stroke	adipocyte	<i>AIM2</i>	TRUE	2.630899355
Stroke	adipocyte	<i>RNF144A</i>	TRUE	2.009352698
Stroke	adipocyte	<i>PAQR6</i>	TRUE	2.823274636
Stroke	adipocyte	<i>EPCAM</i>	TRUE	2.918076502
Stroke	adipocyte	<i>KIF16B</i>	TRUE	2.017687728
Stroke	adipocyte	<i>INO80B</i>	TRUE	2.263478197
Stroke	adipocyte	<i>AC131971.1</i>	TRUE	1.960958299
Stroke	adipocyte	<i>C1QTNF7</i>	TRUE	2.056691376
Stroke	ASPC	<i>ZNF829</i>	TRUE	2.750734095

Stroke	ASPC	<i>MBLAC1</i>	TRUE	2.248353281
Stroke	ASPC	<i>API5</i>	TRUE	2.291886002
Stroke	ASPC	<i>LRRC27</i>	TRUE	2.557974293
Stroke	ASPC	<i>TMC2</i>	TRUE	1.994457738
Stroke	ASPC	<i>CMTM3</i>	TRUE	2.07941526
Stroke	ASPC	<i>DSCAML1</i>	TRUE	2.051453977
Stroke	ASPC	<i>RAB13</i>	TRUE	2.009614761
Stroke	ASPC	<i>TACR2</i>	TRUE	2.015752072
Stroke	ASPC	<i>NDUFA6</i>	TRUE	2.31491484
Stroke	ASPC	<i>ST20</i>	TRUE	1.96275199
Stroke	ASPC	<i>MRGPRX2</i>	TRUE	2.042001784
Stroke	ASPC	<i>TMBIM4</i>	TRUE	2.391224499
Stroke	ASPC	<i>CARD14</i>	TRUE	2.065075359
Stroke	ASPC	<i>LINC01123</i>	TRUE	2.345333339
Stroke	ASPC	<i>FLYWCH1</i>	TRUE	2.735257619
Stroke	ASPC	<i>PKD2L1</i>	TRUE	2.098168387
Stroke	ASPC	<i>PVRIG</i>	TRUE	1.999891599
Stroke	ASPC	<i>MYL5</i>	TRUE	2.088003841
Stroke	ASPC	<i>ABHD8</i>	TRUE	2.088396197
Stroke	ASPC	<i>TUFM</i>	TRUE	2.990529887
Stroke	ASPC	<i>ADPRHL1</i>	TRUE	2.767602827
Stroke	ASPC	<i>ZNF211</i>	TRUE	1.971812189
Stroke	ASPC	<i>TARS2</i>	TRUE	2.145446049
Stroke	ASPC	<i>HCG9</i>	TRUE	2.019597736
Stroke	b_cell	<i>SLC16A4</i>	TRUE	2.104195433
Stroke	b_cell	<i>RMI2</i>	TRUE	2.131206168
Stroke	b_cell	<i>FAM210B</i>	TRUE	2.197937434
Stroke	b_cell	<i>SURF1</i>	TRUE	2.023965676
Stroke	b_cell	<i>ATP6V0D2</i>	TRUE	2.007391973
Stroke	b_cell	<i>HSPA4L</i>	TRUE	2.472897959
Stroke	b_cell	<i>VCL</i>	TRUE	2.346287669
Stroke	b_cell	<i>NEU4</i>	TRUE	2.049921927
Stroke	b_cell	<i>DYRK3</i>	TRUE	2.475918353
Stroke	dendritic_cell	<i>PRODH</i>	TRUE	2.292463996
Stroke	dendritic_cell	<i>ANKRD36C</i>	TRUE	2.011257945
Stroke	dendritic_cell	<i>IMPAD1</i>	TRUE	1.967624659
Stroke	dendritic_cell	<i>RPS26</i>	TRUE	1.968809314
Stroke	dendritic_cell	<i>TCTEX1D2</i>	TRUE	1.975661907
Stroke	dendritic_cell	<i>BCAS2</i>	TRUE	2.00126953
Stroke	dendritic_cell	<i>CCDC93</i>	TRUE	3.187269992
Stroke	dendritic_cell	<i>TSPYL5</i>	TRUE	1.978732715
Stroke	dendritic_cell	<i>SVIP</i>	TRUE	2.249838027
Stroke	dendritic_cell	<i>G6PC2</i>	TRUE	3.233489905
Stroke	dendritic_cell	<i>DRD4</i>	TRUE	1.960681421

Stroke	dendritic_cell	<i>AC010536.1</i>	TRUE	2.095912521
Stroke	dendritic_cell	<i>GDPD1</i>	TRUE	2.051944778
Stroke	dendritic_cell	<i>LRRC43</i>	TRUE	2.583560154
Stroke	dendritic_cell	<i>TIGD1</i>	TRUE	2.095109387
Stroke	dendritic_cell	<i>NME1</i>	TRUE	2.743618759
Stroke	dendritic_cell	<i>NPIP4</i>	TRUE	2.157006376
Stroke	dendritic_cell	<i>SH2D3A</i>	TRUE	2.086878463
Stroke	dendritic_cell	<i>LINC00886</i>	TRUE	2.148952268
Stroke	endometrium	<i>NAP1L4</i>	TRUE	2.489899268
Stroke	endometrium	<i>PMS2</i>	TRUE	2.129055591
Stroke	endometrium	<i>GPRIN1</i>	TRUE	2.27321455
Stroke	endometrium	<i>ANTXRL</i>	TRUE	1.994336293
Stroke	endometrium	<i>TP53BP1</i>	TRUE	2.331001775
Stroke	endometrium	<i>MAPK12</i>	TRUE	2.411934156
Stroke	endometrium	<i>ATP8A1</i>	TRUE	2.104077116
Stroke	endometrium	<i>SNX19</i>	TRUE	2.528755049
Stroke	endometrium	<i>OGFOD3</i>	TRUE	2.005483352
Stroke	endometrium	<i>GOLGA8O</i>	TRUE	2.358186447
Stroke	endometrium	<i>KIF16B</i>	TRUE	2.077138913
Stroke	endometrium	<i>TSTA3</i>	TRUE	1.986285914
Stroke	endometrium	<i>SLC4A2</i>	TRUE	2.644436175
Stroke	endothelial	<i>ANKRD54</i>	TRUE	2.021706466
Stroke	endothelial	<i>SMDT1</i>	TRUE	2.379276916
Stroke	endothelial	<i>ELOVL3</i>	TRUE	2.152224973
Stroke	endothelial	<i>CAPN11</i>	TRUE	1.990752
Stroke	endothelial	<i>DPYSL4</i>	TRUE	2.577992728
Stroke	endothelial	<i>CTNS</i>	TRUE	2.261125018
Stroke	endothelial	<i>ZNF549</i>	TRUE	2.924275684
Stroke	endothelial	<i>IP6K2</i>	TRUE	2.038680669
Stroke	endothelial	<i>OCEL1</i>	TRUE	2.599756281
Stroke	endothelial	<i>ZNF257</i>	TRUE	2.259015487
Stroke	endothelial	<i>BTBD6</i>	TRUE	2.22046919
Stroke	endothelial	<i>ZNF781</i>	TRUE	2.261582725
Stroke	endothelial	<i>RFPL3S</i>	TRUE	2.225479506
Stroke	endothelial	<i>SH3BP5L</i>	TRUE	2.278357445
Stroke	endothelial	<i>GOLGA6L4</i>	TRUE	1.972237913
Stroke	endothelial	<i>PLEKHM1</i>	TRUE	2.267452213
Stroke	endothelial	<i>PRDX2</i>	TRUE	2.362585259
Stroke	LEC	<i>L3MBTL2</i>	TRUE	1.988682906
Stroke	LEC	<i>RGCC</i>	TRUE	2.182432434
Stroke	LEC	<i>MCC</i>	TRUE	2.146719624
Stroke	LEC	<i>PRDM15</i>	TRUE	2.118539957
Stroke	LEC	<i>FOLR3</i>	TRUE	2.259949022
Stroke	LEC	<i>MSL1</i>	TRUE	2.314530181

Stroke	LEC	<i>ZNF726</i>	TRUE	1.993301613
Stroke	LEC	<i>APOBEC3B</i>	TRUE	2.675925431
Stroke	LEC	<i>AGAP4</i>	TRUE	2.214580464
Stroke	LEC	<i>AKAP5</i>	TRUE	2.845941516
Stroke	LEC	<i>ACSM2A</i>	TRUE	2.379040978
Stroke	LEC	<i>CUL7</i>	TRUE	1.97762589
Stroke	LEC	<i>TIGD1</i>	TRUE	2.194198982
Stroke	LEC	<i>SH3BP5L</i>	TRUE	2.075656388
Stroke	LEC	<i>GCDH</i>	TRUE	2.07957591
Stroke	LEC	<i>CNGA4</i>	TRUE	2.07595592
Stroke	LEC	<i>POMZP3</i>	TRUE	2.682329577
Stroke	LEC	<i>SPTSSB</i>	TRUE	1.975905375
Stroke	LEC	<i>SLC1A7</i>	TRUE	2.622870694
Stroke	LEC	<i>SCGN</i>	TRUE	2.036156187
Stroke	macrophage	<i>ZKSCAN5</i>	TRUE	2.18532713
Stroke	macrophage	<i>MTRNR2L4</i>	TRUE	2.027687037
Stroke	macrophage	<i>IP6K3</i>	TRUE	2.120904013
Stroke	macrophage	<i>CDCA3</i>	TRUE	2.176149327
Stroke	macrophage	<i>WDR24</i>	TRUE	2.274140524
Stroke	macrophage	<i>ZNF85</i>	TRUE	2.168625974
Stroke	macrophage	<i>EPCAM</i>	TRUE	2.065220177
Stroke	macrophage	<i>RPUSD3</i>	TRUE	2.160004424
Stroke	macrophage	<i>FOLR1</i>	TRUE	2.721887757
Stroke	macrophage	<i>PWWP2B</i>	TRUE	1.982926224
Stroke	macrophage	<i>ESRRB</i>	TRUE	2.162161905
Stroke	macrophage	<i>ZNF717</i>	TRUE	2.16977214
Stroke	macrophage	<i>KRR1</i>	TRUE	2.104236757
Stroke	macrophage	<i>LINC00939</i>	TRUE	1.977118854
Stroke	macrophage	<i>PPP5C</i>	TRUE	2.87374672
Stroke	macrophage	<i>LINC00957</i>	TRUE	2.529426387
Stroke	macrophage	<i>SPRR2B</i>	TRUE	2.350349324
Stroke	mast_cell	<i>API5</i>	TRUE	2.006426554
Stroke	mast_cell	<i>RPS3</i>	TRUE	2.211621122
Stroke	mast_cell	<i>PRODH</i>	TRUE	2.533919041
Stroke	mast_cell	<i>WWTR1</i>	TRUE	2.408411398
Stroke	mast_cell	<i>RCVRN</i>	TRUE	2.27444354
Stroke	mast_cell	<i>FBN3</i>	TRUE	2.000210422
Stroke	mast_cell	<i>ICMT</i>	TRUE	1.975091385
Stroke	mast_cell	<i>ZBED6</i>	TRUE	2.344684876
Stroke	mast_cell	<i>GOLM1</i>	TRUE	2.085127239
Stroke	mast_cell	<i>C16orf86</i>	TRUE	2.479990173
Stroke	mast_cell	<i>FBN2</i>	TRUE	2.305372697
Stroke	mast_cell	<i>SMG8</i>	TRUE	2.006552652
Stroke	mesothelium	<i>RGCC</i>	TRUE	2.052830825

Stroke	mesothelium	<i>PIF1</i>	TRUE	2.074052263
Stroke	mesothelium	<i>ERCC2</i>	TRUE	2.247113986
Stroke	mesothelium	<i>WNT6</i>	TRUE	2.124057985
Stroke	mesothelium	<i>MEOX1</i>	TRUE	2.036000166
Stroke	mesothelium	<i>ZNF749</i>	TRUE	2.288642235
Stroke	mesothelium	<i>TMC6</i>	TRUE	2.228375283
Stroke	mesothelium	<i>CER1</i>	TRUE	2.165535388
Stroke	mesothelium	<i>ARL3</i>	TRUE	2.195190466
Stroke	mesothelium	<i>NIPSNAP3A</i>	TRUE	2.175146498
Stroke	monocyte	<i>TULP1</i>	TRUE	2.182094489
Stroke	monocyte	<i>TTLL6</i>	TRUE	2.743258674
Stroke	monocyte	<i>N6AMT1</i>	TRUE	2.141276075
Stroke	monocyte	<i>KBTBD12</i>	TRUE	2.008080849
Stroke	monocyte	<i>AC021860.1</i>	TRUE	2.56302624
Stroke	monocyte	<i>FBLN7</i>	TRUE	2.167737896
Stroke	monocyte	<i>LRPPRC</i>	TRUE	2.103025265
Stroke	monocyte	<i>LINC01116</i>	TRUE	1.984360288
Stroke	monocyte	<i>EBNA1BP2</i>	TRUE	2.164134859
Stroke	monocyte	<i>RET</i>	TRUE	2.519968227
Stroke	monocyte	<i>L3HYPDH</i>	TRUE	2.003599075
Stroke	monocyte	<i>MTFR1</i>	TRUE	2.361187547
Stroke	monocyte	<i>NIM1K</i>	TRUE	1.986268339
Stroke	monocyte	<i>RNU6ATAC35P</i>	TRUE	2.252847458
Stroke	monocyte	<i>TTC21B</i>	TRUE	2.023755481
Stroke	monocyte	<i>METTL7B</i>	TRUE	2.053528294
Stroke	monocyte	<i>DYRK3</i>	TRUE	2.015480012
Stroke	neutrophil	<i>UBR4</i>	TRUE	2.212643827
Stroke	neutrophil	<i>FOLR3</i>	TRUE	2.37650458
Stroke	neutrophil	<i>CAST</i>	TRUE	2.220810151
Stroke	neutrophil	<i>ZNF280D</i>	TRUE	2.095765968
Stroke	neutrophil	<i>AANAT</i>	TRUE	4.162162407
Stroke	neutrophil	<i>C12orf65</i>	TRUE	2.823088458
Stroke	neutrophil	<i>PRDM4</i>	TRUE	2.213031364
Stroke	neutrophil	<i>TEX14</i>	TRUE	2.025528021
Stroke	neutrophil	<i>ZNF391</i>	TRUE	1.968168374
Stroke	nk_cell	<i>USP48</i>	TRUE	2.485239735
Stroke	nk_cell	<i>KIAA1324</i>	TRUE	2.622197002
Stroke	nk_cell	<i>NPIPB9</i>	TRUE	2.259436338
Stroke	nk_cell	<i>PPDPF</i>	TRUE	1.961369008
Stroke	nk_cell	<i>SRXN1</i>	TRUE	3.012789711
Stroke	nk_cell	<i>IFT52</i>	TRUE	2.063986011
Stroke	nk_cell	<i>GPRIN1</i>	TRUE	2.134828516
Stroke	nk_cell	<i>SEC23B</i>	TRUE	2.194565876
Stroke	nk_cell	<i>SNN</i>	TRUE	2.133895224

Stroke	nk_cell	<i>GSDMC</i>	TRUE	2.433758939
Stroke	nk_cell	<i>SAMD9L</i>	TRUE	1.984947996
Stroke	nk_cell	<i>TTC37</i>	TRUE	3.329824656
Stroke	nk_cell	<i>DGKI</i>	TRUE	1.982115579
Stroke	SMC	<i>POU2F3</i>	TRUE	2.240959736
Stroke	SMC	<i>CCL23</i>	TRUE	2.004464076
Stroke	SMC	<i>PRPF38A</i>	TRUE	2.085493278
Stroke	SMC	<i>RPRML</i>	TRUE	2.168550339
Stroke	SMC	<i>C1RL</i>	TRUE	1.98609428
Stroke	SMC	<i>NOS2</i>	TRUE	2.379021613
Stroke	SMC	<i>GGCX</i>	TRUE	2.251999877
Stroke	SMC	<i>PCGF2</i>	TRUE	2.168461739
Stroke	SMC	<i>FAM181B</i>	TRUE	2.069382685
Stroke	SMC	<i>MARK1</i>	TRUE	2.855704509
Stroke	SMC	<i>CD207</i>	TRUE	2.226246034
Stroke	SMC	<i>TSFM</i>	TRUE	1.995961127
Stroke	SMC	<i>CCDC93</i>	TRUE	2.042916515
Stroke	SMC	<i>S100A3</i>	TRUE	2.04256348
Stroke	SMC	<i>FIS1</i>	TRUE	1.991701317
Stroke	SMC	<i>C16orf86</i>	TRUE	2.8369846
Stroke	SMC	<i>NUP62</i>	TRUE	2.039774828
Stroke	SMC	<i>CHRFAM7A</i>	TRUE	1.990680655
Stroke	SMC	<i>LMNB1</i>	TRUE	1.998092253
Stroke	SMC	<i>SPATA20</i>	TRUE	2.103607437
Stroke	SMC	<i>CCL24</i>	TRUE	2.153084911
Stroke	t_cell	<i>DDC</i>	TRUE	2.443403376
Stroke	t_cell	<i>ANO7</i>	TRUE	1.969868091
Stroke	t_cell	<i>PLA2G10</i>	TRUE	2.154757013
Stroke	t_cell	<i>ZNF514</i>	TRUE	2.135475804
Stroke	t_cell	<i>DPYSL4</i>	TRUE	2.476277005
Stroke	t_cell	<i>FOXI2</i>	TRUE	2.100072317
Stroke	t_cell	<i>C14orf144</i>	TRUE	2.01400547
Stroke	t_cell	<i>RRM1</i>	TRUE	2.207787304
Stroke	t_cell	<i>TLCD1</i>	TRUE	2.005352667
Stroke	t_cell	<i>AC009403.2</i>	TRUE	2.346012142
Stroke	t_cell	<i>RSPH3</i>	TRUE	2.354258716
Stroke	t_cell	<i>GAS2L2</i>	TRUE	2.105771013
Stroke	t_cell	<i>NIM1K</i>	TRUE	2.641733319
Obesity	adipocyte	<i>ATP6V1D</i>	TRUE	2.229154787
Obesity	adipocyte	<i>SMDT1</i>	TRUE	2.003769127
Obesity	adipocyte	<i>PUS7L</i>	TRUE	2.981582049
Obesity	adipocyte	<i>MTHFS</i>	TRUE	2.597211398
Obesity	adipocyte	<i>SOSTDC1</i>	TRUE	1.965428837
Obesity	adipocyte	<i>MT1G</i>	TRUE	2.399722286

Obesity	adipocyte	<i>COX15</i>	TRUE	2.399389308
Obesity	adipocyte	<i>PVR</i>	TRUE	2.075448896
Obesity	adipocyte	<i>KIF16B</i>	TRUE	2.445912162
Obesity	adipocyte	<i>ANKLE1</i>	TRUE	2.020583518
Obesity	adipocyte	<i>RPL3L</i>	TRUE	2.545700873
Obesity	adipocyte	<i>GNG10</i>	TRUE	2.082465707
Obesity	adipocyte	<i>GTF2IRD2</i>	TRUE	2.518362831
Obesity	ASPC	<i>BARX1</i>	TRUE	2.74432906
Obesity	ASPC	<i>MBLAC1</i>	TRUE	2.213526404
Obesity	ASPC	<i>SLFN11</i>	TRUE	1.968227452
Obesity	ASPC	<i>POU2F3</i>	TRUE	2.047916718
Obesity	ASPC	<i>ZDHHC6</i>	TRUE	2.467676646
Obesity	ASPC	<i>FOXI2</i>	TRUE	2.241075351
Obesity	ASPC	<i>ZNF85</i>	TRUE	2.754003507
Obesity	ASPC	<i>ZNF586</i>	TRUE	2.300183404
Obesity	ASPC	<i>DYNC1I2</i>	TRUE	1.971901733
Obesity	ASPC	<i>FIS1</i>	TRUE	2.021607685
Obesity	ASPC	<i>TMEM56</i>	TRUE	2.077499207
Obesity	ASPC	<i>TMEM63C</i>	TRUE	2.110635492
Obesity	ASPC	<i>RPH3A</i>	TRUE	2.152965285
Obesity	ASPC	<i>NDUFA10</i>	TRUE	2.190990723
Obesity	ASPC	<i>NUDT13</i>	TRUE	2.165874903
Obesity	b_cell	<i>SPTA1</i>	TRUE	2.022729224
Obesity	b_cell	<i>STK17A</i>	TRUE	2.984649617
Obesity	b_cell	<i>RPS3</i>	TRUE	2.777911797
Obesity	b_cell	<i>NME1.NME2</i>	TRUE	2.209221701
Obesity	b_cell	<i>RNF114</i>	TRUE	1.97551461
Obesity	b_cell	<i>YTHDC2</i>	TRUE	2.102946077
Obesity	b_cell	<i>SOSTDC1</i>	TRUE	2.339771951
Obesity	b_cell	<i>FMO3</i>	TRUE	2.197332696
Obesity	b_cell	<i>MRGPRX2</i>	TRUE	2.452355888
Obesity	b_cell	<i>TMBIM4</i>	TRUE	2.037530278
Obesity	b_cell	<i>FANCG</i>	TRUE	2.122084725
Obesity	b_cell	<i>GPRIN1</i>	TRUE	2.250528302
Obesity	b_cell	<i>SP4</i>	TRUE	2.28776786
Obesity	b_cell	<i>JAKMIP3</i>	TRUE	2.191810363
Obesity	b_cell	<i>ARL16</i>	TRUE	2.034922791
Obesity	b_cell	<i>GTF2H2</i>	TRUE	2.510155199
Obesity	b_cell	<i>SYT5</i>	TRUE	2.156019595
Obesity	b_cell	<i>CCL24</i>	TRUE	1.990087218
Obesity	b_cell	<i>HAUS1</i>	TRUE	2.385123101
Obesity	b_cell	<i>C4B</i>	TRUE	2.092896441
Obesity	b_cell	<i>RPL10A</i>	TRUE	2.704362299
Obesity	b_cell	<i>SCO1</i>	TRUE	2.784085613

Obesity	dendritic_cell	<i>ZNF559</i>	TRUE	3.234737802
Obesity	dendritic_cell	<i>P2RX4</i>	TRUE	2.015168923
Obesity	dendritic_cell	<i>GOLGA8K</i>	TRUE	2.407066583
Obesity	dendritic_cell	<i>FMO4</i>	TRUE	2.02299487
Obesity	dendritic_cell	<i>CDRT4</i>	TRUE	1.989716427
Obesity	dendritic_cell	<i>DEFA3</i>	TRUE	2.082209847
Obesity	dendritic_cell	<i>EIF3F</i>	TRUE	2.093774791
Obesity	dendritic_cell	<i>DMTF1</i>	TRUE	2.023184002
Obesity	dendritic_cell	<i>SERPINF2</i>	TRUE	2.021581842
Obesity	dendritic_cell	<i>ZNF749</i>	TRUE	2.60097487
Obesity	dendritic_cell	<i>S100A1</i>	TRUE	2.225767664
Obesity	dendritic_cell	<i>C14orf144</i>	TRUE	2.07121128
Obesity	dendritic_cell	<i>TNFRSF11B</i>	TRUE	2.090143735
Obesity	dendritic_cell	<i>ZBED6</i>	TRUE	3.002770916
Obesity	dendritic_cell	<i>PAN2</i>	TRUE	2.472583058
Obesity	dendritic_cell	<i>HK2</i>	TRUE	2.260147278
Obesity	dendritic_cell	<i>ZNF667.AS1</i>	TRUE	2.641333803
Obesity	dendritic_cell	<i>MKRN2</i>	TRUE	2.087451575
Obesity	dendritic_cell	<i>PJA2</i>	TRUE	2.097483752
Obesity	dendritic_cell	<i>AHSA2</i>	TRUE	2.002940808
Obesity	dendritic_cell	<i>WDR31</i>	TRUE	2.584552933
Obesity	dendritic_cell	<i>LEMD2</i>	TRUE	2.266381855
Obesity	dendritic_cell	<i>PRDX2</i>	TRUE	2.489107933
Obesity	endometrium	<i>HSF2BP</i>	TRUE	2.279724677
Obesity	endometrium	<i>AC016773.1</i>	TRUE	1.975643632
Obesity	endometrium	<i>TMEM30A</i>	TRUE	2.351453193
Obesity	endometrium	<i>AH11</i>	TRUE	2.718101615
Obesity	endometrium	<i>CTNBL1</i>	TRUE	2.421737275
Obesity	endometrium	<i>SAMD13</i>	TRUE	2.370156907
Obesity	endometrium	<i>BCL2L2</i>	TRUE	2.358079592
Obesity	endometrium	<i>C10orf107</i>	TRUE	2.163749278
Obesity	endometrium	<i>PRIMA1</i>	TRUE	2.113608667
Obesity	endometrium	<i>C11orf87</i>	TRUE	2.586128829
Obesity	endometrium	<i>ELP2</i>	TRUE	2.194884131
Obesity	endometrium	<i>FDPS</i>	TRUE	2.40764125
Obesity	endometrium	<i>IQCH</i>	TRUE	2.604074585
Obesity	endometrium	<i>PACSIN3</i>	TRUE	1.967935694
Obesity	endometrium	<i>TMEM206</i>	TRUE	1.993996976
Obesity	endometrium	<i>ADPRHL1</i>	TRUE	2.434045153
Obesity	endometrium	<i>POLR1B</i>	TRUE	2.413938929
Obesity	endometrium	<i>SPAG7</i>	TRUE	2.010476678
Obesity	endothelial	<i>ZNF883</i>	TRUE	2.064728603
Obesity	endothelial	<i>DNAH10OS</i>	TRUE	2.269849614
Obesity	endothelial	<i>RASAL2.AS1</i>	TRUE	2.538774247

Obesity	endothelial	<i>MTHFSD</i>	TRUE	2.083615022
Obesity	endothelial	<i>SEC61G</i>	TRUE	2.048270888
Obesity	endothelial	<i>OR52N4</i>	TRUE	3.890719731
Obesity	endothelial	<i>SI00B</i>	TRUE	2.299694299
Obesity	endothelial	<i>BLOC1S2</i>	TRUE	2.213117141
Obesity	endothelial	<i>TBC1D9B</i>	TRUE	2.1446031
Obesity	endothelial	<i>UNC45A</i>	TRUE	2.195346594
Obesity	endothelial	<i>C10orf107</i>	TRUE	2.037740623
Obesity	endothelial	<i>RRM1</i>	TRUE	2.455138811
Obesity	endothelial	<i>RPS8</i>	TRUE	2.03126509
Obesity	endothelial	<i>LSG1</i>	TRUE	2.194073198
Obesity	endothelial	<i>AP4S1</i>	TRUE	2.790889281
Obesity	endothelial	<i>LIG1</i>	TRUE	1.983159654
Obesity	endothelial	<i>BMPR2</i>	TRUE	2.245865387
Obesity	endothelial	<i>LIN37</i>	TRUE	2.489444203
Obesity	endothelial	<i>LINC00865</i>	TRUE	2.078912203
Obesity	endothelial	<i>LINC00667</i>	TRUE	2.18162678
Obesity	endothelial	<i>SNHG8</i>	TRUE	2.07794027
Obesity	endothelial	<i>PEX1</i>	TRUE	2.116293495
Obesity	endothelial	<i>AHSA2</i>	TRUE	2.438473139
Obesity	endothelial	<i>METTL7B</i>	TRUE	2.618096752
Obesity	endothelial	<i>ITGB6</i>	TRUE	2.255467694
Obesity	endothelial	<i>ZNF391</i>	TRUE	2.365050537
Obesity	LEC	<i>SNAP29</i>	TRUE	3.198691959
Obesity	LEC	<i>NPIP3</i>	TRUE	2.357283829
Obesity	LEC	<i>KRT5</i>	TRUE	2.308398652
Obesity	LEC	<i>NDUFA6</i>	TRUE	2.381543101
Obesity	LEC	<i>FBLN7</i>	TRUE	2.431578292
Obesity	LEC	<i>MRPL20</i>	TRUE	2.41933606
Obesity	LEC	<i>SULT1B1</i>	TRUE	2.853491619
Obesity	LEC	<i>LRIT3</i>	TRUE	2.154832414
Obesity	LEC	<i>UTS2B</i>	TRUE	2.184497242
Obesity	LEC	<i>ZMYND12</i>	TRUE	2.243774961
Obesity	LEC	<i>TDRD10</i>	TRUE	2.257484997
Obesity	LEC	<i>MIS18BP1</i>	TRUE	2.160455999
Obesity	LEC	<i>RSL24D1</i>	TRUE	1.981946837
Obesity	LEC	<i>ACTR2</i>	TRUE	2.97030337
Obesity	LEC	<i>GATAD1</i>	TRUE	2.031456642
Obesity	macrophage	<i>RPS13</i>	TRUE	2.057585373
Obesity	macrophage	<i>ZNF559</i>	TRUE	1.971027865
Obesity	macrophage	<i>FAM86B1</i>	TRUE	1.984046363
Obesity	macrophage	<i>HIP1</i>	TRUE	2.160514896
Obesity	macrophage	<i>KIAA1324</i>	TRUE	3.061448829
Obesity	macrophage	<i>RPRML</i>	TRUE	2.199147567

Obesity	macrophage	<i>SEC61G</i>	TRUE	2.512509804
Obesity	macrophage	<i>MYBBP1A</i>	TRUE	2.434899665
Obesity	macrophage	<i>CYP4A22</i>	TRUE	2.324880691
Obesity	macrophage	<i>CPT1B</i>	TRUE	2.271548746
Obesity	macrophage	<i>PINLYP</i>	TRUE	2.280716114
Obesity	macrophage	<i>SLC25A32</i>	TRUE	2.283821239
Obesity	macrophage	<i>TXNRD3</i>	TRUE	2.004609978
Obesity	macrophage	<i>LINC00668</i>	TRUE	2.07173807
Obesity	mast_cell	<i>NME1.NME2</i>	TRUE	2.415427122
Obesity	mast_cell	<i>TMEM99</i>	TRUE	2.223657311
Obesity	mast_cell	<i>TMEM133</i>	TRUE	2.087210483
Obesity	mast_cell	<i>NPIP9</i>	TRUE	2.174794184
Obesity	mast_cell	<i>FOXN2</i>	TRUE	2.003899266
Obesity	mast_cell	<i>ARHGAP19</i>	TRUE	2.275925839
Obesity	mast_cell	<i>ALKBH2</i>	TRUE	1.976312523
Obesity	mast_cell	<i>ZNF181</i>	TRUE	2.231813144
Obesity	mast_cell	<i>CHRFAM7A</i>	TRUE	2.108412231
Obesity	mast_cell	<i>NPAT</i>	TRUE	2.046934305
Obesity	mast_cell	<i>LRRC34</i>	TRUE	2.055029147
Obesity	mesothelium	<i>TEX26</i>	TRUE	2.00209803
Obesity	mesothelium	<i>AC108463.2</i>	TRUE	2.061179265
Obesity	mesothelium	<i>MKKS</i>	TRUE	2.540690818
Obesity	mesothelium	<i>TMEM30A</i>	TRUE	2.043297772
Obesity	mesothelium	<i>ENTPD8</i>	TRUE	2.542512619
Obesity	mesothelium	<i>SARDH</i>	TRUE	2.052627
Obesity	mesothelium	<i>DENND4C</i>	TRUE	2.855273694
Obesity	mesothelium	<i>S100A3</i>	TRUE	1.988758003
Obesity	mesothelium	<i>ZNF337</i>	TRUE	2.097412831
Obesity	mesothelium	<i>ATP5H</i>	TRUE	2.009216635
Obesity	mesothelium	<i>DNAAF3</i>	TRUE	2.736775355
Obesity	mesothelium	<i>HIF1A.AS2</i>	TRUE	2.006355165
Obesity	mesothelium	<i>MEIOB</i>	TRUE	2.882400317
Obesity	mesothelium	<i>SMG9</i>	TRUE	2.05594107
Obesity	mesothelium	<i>CWF19L1</i>	TRUE	2.180906153
Obesity	mesothelium	<i>NUTM2A</i>	TRUE	1.97676972
Obesity	monocyte	<i>RPS13</i>	TRUE	2.043058001
Obesity	monocyte	<i>EPN3</i>	TRUE	2.536594222
Obesity	monocyte	<i>API5</i>	TRUE	2.164187079
Obesity	monocyte	<i>RMI2</i>	TRUE	2.166032066
Obesity	monocyte	<i>ELOVL3</i>	TRUE	2.247430236
Obesity	monocyte	<i>ARHGEF35</i>	TRUE	2.734192472
Obesity	monocyte	<i>FBR3</i>	TRUE	2.211656016
Obesity	monocyte	<i>KLHDC9</i>	TRUE	3.306250375
Obesity	monocyte	<i>STEAP3</i>	TRUE	2.086985265

Obesity	monocyte	<i>C5orf49</i>	TRUE	2.130851668
Obesity	monocyte	<i>ZBED6</i>	TRUE	2.389680107
Obesity	monocyte	<i>TMEM56</i>	TRUE	2.459517701
Obesity	monocyte	<i>CNPY4</i>	TRUE	2.487943939
Obesity	monocyte	<i>RNU6ATAC35P</i>	TRUE	2.839887584
Obesity	monocyte	<i>LSMEM1</i>	TRUE	2.060488859
Obesity	monocyte	<i>SLC4A2</i>	TRUE	2.716852829
Obesity	neutrophil	<i>ELOVL3</i>	TRUE	2.510395773
Obesity	neutrophil	<i>TBL2</i>	TRUE	3.419702105
Obesity	neutrophil	<i>KIR3DL1</i>	TRUE	2.096619612
Obesity	neutrophil	<i>HDHD2</i>	TRUE	2.223508316
Obesity	neutrophil	<i>PRSS16</i>	TRUE	2.807938213
Obesity	neutrophil	<i>CCDC74A</i>	TRUE	2.111592255
Obesity	neutrophil	<i>KLHDC9</i>	TRUE	2.568663189
Obesity	neutrophil	<i>ARHGAP9</i>	TRUE	2.486298094
Obesity	neutrophil	<i>LINC01123</i>	TRUE	2.388851463
Obesity	neutrophil	<i>NIPSNAP1</i>	TRUE	2.478420021
Obesity	neutrophil	<i>NCOA1</i>	TRUE	2.220107603
Obesity	neutrophil	<i>D2HGDH</i>	TRUE	2.0888093
Obesity	neutrophil	<i>GLDN</i>	TRUE	2.222126103
Obesity	neutrophil	<i>REEP2</i>	TRUE	2.20776791
Obesity	neutrophil	<i>GAS2L2</i>	TRUE	2.436312027
Obesity	neutrophil	<i>AGAP6</i>	TRUE	2.07316578
Obesity	neutrophil	<i>HAUS1</i>	TRUE	2.091169295
Obesity	neutrophil	<i>H3F3C</i>	TRUE	1.985918377
Obesity	neutrophil	<i>PCSK2</i>	TRUE	2.348886948
Obesity	nk_cell	<i>IFIT1B</i>	TRUE	2.707154906
Obesity	nk_cell	<i>IFNE</i>	TRUE	2.218033966
Obesity	nk_cell	<i>DSCAML1</i>	TRUE	2.543201173
Obesity	nk_cell	<i>AC021860.1</i>	TRUE	1.988290474
Obesity	nk_cell	<i>PRPF38A</i>	TRUE	2.019397266
Obesity	nk_cell	<i>LINC00663</i>	TRUE	2.212667006
Obesity	nk_cell	<i>SSPN</i>	TRUE	2.060889884
Obesity	nk_cell	<i>PAOX</i>	TRUE	2.075870679
Obesity	nk_cell	<i>SAP30L</i>	TRUE	2.095409373
Obesity	nk_cell	<i>SOWAHC</i>	TRUE	2.12794346
Obesity	nk_cell	<i>ART5</i>	TRUE	2.233316583
Obesity	nk_cell	<i>MACROD2</i>	TRUE	2.031954891
Obesity	nk_cell	<i>ZNF667.AS1</i>	TRUE	2.050060577
Obesity	nk_cell	<i>HS3ST6</i>	TRUE	2.814641603
Obesity	nk_cell	<i>ADCK2</i>	TRUE	2.082921105
Obesity	nk_cell	<i>MOSPD3</i>	TRUE	3.141345061
Obesity	nk_cell	<i>C4B</i>	TRUE	2.086748517
Obesity	nk_cell	<i>ULK2</i>	TRUE	1.974536886

Obesity	nk_cell	<i>MRPS26</i>	TRUE	2.031043198
Obesity	nk_cell	<i>HCG9</i>	TRUE	2.013281507
Obesity	SMC	<i>KIF1B</i>	TRUE	2.095127663
Obesity	SMC	<i>INPP5B</i>	TRUE	2.888686316
Obesity	SMC	<i>TMEM133</i>	TRUE	2.035404215
Obesity	SMC	<i>DNMT3A</i>	TRUE	2.482745404
Obesity	SMC	<i>SLC5A11</i>	TRUE	2.530402708
Obesity	SMC	<i>LRRC37A</i>	TRUE	2.017735673
Obesity	SMC	<i>ENTPD8</i>	TRUE	2.476416468
Obesity	SMC	<i>MRPL51</i>	TRUE	2.358190946
Obesity	SMC	<i>SPECC1L</i>	TRUE	2.004878628
Obesity	SMC	<i>CD207</i>	TRUE	2.035716925
Obesity	SMC	<i>AFF1</i>	TRUE	2.304520168
Obesity	SMC	<i>TSPYL5</i>	TRUE	2.02213912
Obesity	SMC	<i>PVRIG</i>	TRUE	2.378412832
Obesity	SMC	<i>GEN1</i>	TRUE	2.960268441
Obesity	SMC	<i>ZDHHC4</i>	TRUE	1.971570013
Obesity	SMC	<i>CLHC1</i>	TRUE	2.461646267
Obesity	SMC	<i>FOLR1</i>	TRUE	2.165948094
Obesity	SMC	<i>ADCK1</i>	TRUE	2.535406196
Obesity	SMC	<i>SPATA20</i>	TRUE	2.306815729
Obesity	SMC	<i>RPL13</i>	TRUE	2.998761013
Obesity	SMC	<i>SUGP2</i>	TRUE	2.175644274
Obesity	SMC	<i>CCDC127</i>	TRUE	2.83295542
Obesity	SMC	<i>SPAG7</i>	TRUE	2.066039711
Obesity	SMC	<i>POM121C</i>	TRUE	2.315377144
Obesity	t_cell	<i>ZNF559</i>	TRUE	2.371082203
Obesity	t_cell	<i>BARX1</i>	TRUE	2.075744252
Obesity	t_cell	<i>ZNF471</i>	TRUE	2.719474578
Obesity	t_cell	<i>ENDOU</i>	TRUE	2.028052392
Obesity	t_cell	<i>HIST1H2BK</i>	TRUE	2.591070418
Obesity	t_cell	<i>TDP1</i>	TRUE	2.51053821
Obesity	t_cell	<i>MTMR3</i>	TRUE	2.2225557
Obesity	t_cell	<i>RAB5C</i>	TRUE	2.178895439
Obesity	t_cell	<i>CCDC137</i>	TRUE	2.319232414
Obesity	t_cell	<i>MIS12</i>	TRUE	2.024379622
Obesity	t_cell	<i>CLUAP1</i>	TRUE	2.368194662
Obesity	t_cell	<i>LINC00865</i>	TRUE	2.477938441
Obesity	t_cell	<i>NGEF</i>	TRUE	2.260147704
Obesity	t_cell	<i>G6PC2</i>	TRUE	2.498213037
Obesity	t_cell	<i>SERPIND1</i>	TRUE	2.052816697
Obesity	t_cell	<i>ABHD8</i>	TRUE	2.252322814
Obesity	t_cell	<i>COLCA2</i>	TRUE	2.095917305
Obesity	t_cell	<i>CRYBB2</i>	TRUE	2.055118692

Obesity	t_cell	<i>ARL5B</i>	TRUE	2.217855109
Obesity	t_cell	<i>SCD</i>	TRUE	2.491214051
Obesity	adipocyte	<i>HOXC10</i>	TRUE	2.236517028
CAD_admission_freq_obese_VAT	adipocyte	<i>FAM210B</i>	TRUE	2.205503032
CAD_admission_freq_obese_VAT	adipocyte	<i>NPHP4</i>	TRUE	2.944163098
CAD_admission_freq_obese_VAT	adipocyte	<i>MRS2</i>	TRUE	1.975584795
CAD_admission_freq_obese_VAT	adipocyte	<i>PPP1R37</i>	TRUE	2.047989676
CAD_admission_freq_obese_VAT	adipocyte	<i>TBL2</i>	TRUE	2.525329522
CAD_admission_freq_obese_VAT	adipocyte	<i>METAP1</i>	TRUE	3.538875918
CAD_admission_freq_obese_VAT	adipocyte	<i>SLC6A3</i>	TRUE	2.809555752
CAD_admission_freq_obese_VAT	adipocyte	<i>POPDC2</i>	TRUE	3.00538675
CAD_admission_freq_obese_VAT	adipocyte	<i>MFSD5</i>	TRUE	2.30573423
CAD_admission_freq_obese_VAT	adipocyte	<i>PCDHB2</i>	TRUE	2.1478119
CAD_admission_freq_obese_VAT	adipocyte	<i>FAM114A2</i>	TRUE	2.028517225
CAD_admission_freq_obese_VAT	adipocyte	<i>PACSL1</i>	TRUE	2.064236762
CAD_admission_freq_obese_VAT	adipocyte	<i>CCDC15</i>	TRUE	2.804544824
CAD_admission_freq_obese_VAT	adipocyte	<i>MRPS26</i>	TRUE	3.063351129
CAD_admission_freq_obese_VAT	ASPC	<i>PLGLB2</i>	TRUE	2.086530007
CAD_admission_freq_obese_VAT	ASPC	<i>TMEM80</i>	TRUE	2.04821485
CAD_admission_freq_obese_VAT	ASPC	<i>TBC1D7</i>	TRUE	2.354158738
CAD_admission_freq_obese_VAT	ASPC	<i>SCGB2B2</i>	TRUE	2.034578789
CAD_admission_freq_obese_VAT	ASPC	<i>LINC00663</i>	TRUE	1.968652976
CAD_admission_freq_obese_VAT	ASPC	<i>PTPN14</i>	TRUE	2.653654347
CAD_admission_freq_obese_VAT	ASPC	<i>AH11</i>	TRUE	2.190670287
CAD_admission_freq_obese_VAT	ASPC	<i>CHRNA5</i>	TRUE	2.220139951
CAD_admission_freq_obese_VAT	ASPC	<i>PLA2G4B</i>	TRUE	2.046609028
CAD_admission_freq_obese_VAT	ASPC	<i>IRGM</i>	TRUE	2.384995815
CAD_admission_freq_obese_VAT	ASPC	<i>SH3BGR</i>	TRUE	2.199843883
CAD_admission_freq_obese_VAT	ASPC	<i>DHRS1</i>	TRUE	2.652769334
CAD_admission_freq_obese_VAT	ASPC	<i>ARPP19</i>	TRUE	2.017912864
CAD_admission_freq_obese_VAT	ASPC	<i>OR7D2</i>	TRUE	2.203277969
CAD_admission_freq_obese_VAT	ASPC	<i>RNU6ATAC35P</i>	TRUE	1.980799834
CAD_admission_freq_obese_VAT	ASPC	<i>SCD</i>	TRUE	2.123934307
CAD_admission_freq_obese_VAT	ASPC	<i>ATRIP</i>	TRUE	1.995796417
CAD_admission_freq_obese_VAT	b_cell	<i>LRRC27</i>	TRUE	2.300403507
CAD_admission_freq_obese_VAT	b_cell	<i>STRADA</i>	TRUE	2.262546147
CAD_admission_freq_obese_VAT	b_cell	<i>FAM3B</i>	TRUE	2.333688798
CAD_admission_freq_obese_VAT	b_cell	<i>ZNF573</i>	TRUE	2.291375694
CAD_admission_freq_obese_VAT	b_cell	<i>LINC00960</i>	TRUE	1.985989473
CAD_admission_freq_obese_VAT	b_cell	<i>CLIC6</i>	TRUE	2.122385148
CAD_admission_freq_obese_VAT	b_cell	<i>SLC25A29</i>	TRUE	2.131788828
CAD_admission_freq_obese_VAT	b_cell	<i>ANAPC11</i>	TRUE	2.28017404
CAD_admission_freq_obese_VAT	b_cell	<i>PCGF2</i>	TRUE	2.820061378
CAD_admission_freq_obese_VAT	b_cell	<i>UNC45A</i>	TRUE	2.106013595

CAD_admission_freq_obese_VAT	b_cell	<i>NKD2</i>	TRUE	2.286773236
CAD_admission_freq_obese_VAT	b_cell	<i>PRDM8</i>	TRUE	2.223831045
CAD_admission_freq_obese_VAT	b_cell	<i>ZNF763</i>	TRUE	2.308953923
CAD_admission_freq_obese_VAT	b_cell	<i>DUS3L</i>	TRUE	2.255155365
CAD_admission_freq_obese_VAT	b_cell	<i>SPATA20</i>	TRUE	2.076906824
CAD_admission_freq_obese_VAT	b_cell	<i>NUDCD3</i>	TRUE	2.120653754
CAD_admission_freq_obese_VAT	b_cell	<i>ATRIP</i>	TRUE	2.266312568
CAD_admission_freq_obese_VAT	b_cell	<i>SLC1A7</i>	TRUE	2.256943939
CAD_admission_freq_obese_VAT	b_cell	<i>SPDYE6</i>	TRUE	2.751467029
CAD_admission_freq_obese_VAT	dendritic_cell	<i>MBLAC1</i>	TRUE	2.573675907
CAD_admission_freq_obese_VAT	dendritic_cell	<i>XKR9</i>	TRUE	1.999099405
CAD_admission_freq_obese_VAT	dendritic_cell	<i>TMEM91</i>	TRUE	2.36799287
CAD_admission_freq_obese_VAT	dendritic_cell	<i>PIF1</i>	TRUE	1.998888475
CAD_admission_freq_obese_VAT	dendritic_cell	<i>RPRML</i>	TRUE	2.104033671
CAD_admission_freq_obese_VAT	dendritic_cell	<i>PRDM15</i>	TRUE	2.519823285
CAD_admission_freq_obese_VAT	dendritic_cell	<i>EFCAB11</i>	TRUE	2.059989775
CAD_admission_freq_obese_VAT	dendritic_cell	<i>SDSL</i>	TRUE	2.457715968
CAD_admission_freq_obese_VAT	dendritic_cell	<i>B4GALT7</i>	TRUE	2.41297787
CAD_admission_freq_obese_VAT	dendritic_cell	<i>ZNF85</i>	TRUE	2.771773546
CAD_admission_freq_obese_VAT	dendritic_cell	<i>PCDHB2</i>	TRUE	2.593781167
CAD_admission_freq_obese_VAT	dendritic_cell	<i>PVRIG</i>	TRUE	2.790434259
CAD_admission_freq_obese_VAT	dendritic_cell	<i>ZBED6</i>	TRUE	3.176213808
CAD_admission_freq_obese_VAT	dendritic_cell	<i>GPR52</i>	TRUE	2.076820281
CAD_admission_freq_obese_VAT	dendritic_cell	<i>FOLR1</i>	TRUE	1.985031567
CAD_admission_freq_obese_VAT	dendritic_cell	<i>GTF2H2</i>	TRUE	5.18801425
CAD_admission_freq_obese_VAT	dendritic_cell	<i>CHRFAM7A</i>	TRUE	2.746625821
CAD_admission_freq_obese_VAT	dendritic_cell	<i>ABHD8</i>	TRUE	2.391775603
CAD_admission_freq_obese_VAT	dendritic_cell	<i>AC069213.1</i>	TRUE	2.462568463
CAD_admission_freq_obese_VAT	dendritic_cell	<i>ZNF732</i>	TRUE	3.018744472
CAD_admission_freq_obese_VAT	endometrium	<i>C21orf2</i>	TRUE	2.070803756
CAD_admission_freq_obese_VAT	endometrium	<i>PIF1</i>	TRUE	2.908781597
CAD_admission_freq_obese_VAT	endometrium	<i>CAPN3</i>	TRUE	3.173620826
CAD_admission_freq_obese_VAT	endometrium	<i>DGCR6</i>	TRUE	2.838310374
CAD_admission_freq_obese_VAT	endometrium	<i>ARHGEF33</i>	TRUE	1.970168052
CAD_admission_freq_obese_VAT	endometrium	<i>RAB2A</i>	TRUE	2.038879555
CAD_admission_freq_obese_VAT	endometrium	<i>DHRS4L2</i>	TRUE	2.206984716
CAD_admission_freq_obese_VAT	endometrium	<i>ANTXRL</i>	TRUE	2.145819528
CAD_admission_freq_obese_VAT	endometrium	<i>AFF1</i>	TRUE	2.356787101
CAD_admission_freq_obese_VAT	endometrium	<i>AC009403.2</i>	TRUE	2.283616462
CAD_admission_freq_obese_VAT	endometrium	<i>NUTM2D</i>	TRUE	2.163098815
CAD_admission_freq_obese_VAT	endometrium	<i>PFKL</i>	TRUE	2.348884483
CAD_admission_freq_obese_VAT	endometrium	<i>MTFR1</i>	TRUE	2.581432902
CAD_admission_freq_obese_VAT	endometrium	<i>DEFB124</i>	TRUE	2.013363934
CAD_admission_freq_obese_VAT	endometrium	<i>GPR156</i>	TRUE	2.812848342

CAD_admission_freq_obese_VAT	endometrium	<i>PKDREJ</i>	TRUE	2.075315879
CAD_admission_freq_obese_VAT	endometrium	<i>P2RY11</i>	TRUE	2.165285862
CAD_admission_freq_obese_VAT	endothelial	<i>INPP5B</i>	TRUE	2.134948361
CAD_admission_freq_obese_VAT	endothelial	<i>PALM2</i>	TRUE	2.173492005
CAD_admission_freq_obese_VAT	endothelial	<i>ZNF560</i>	TRUE	2.648000274
CAD_admission_freq_obese_VAT	endothelial	<i>FBLN7</i>	TRUE	3.013837176
CAD_admission_freq_obese_VAT	endothelial	<i>HDHD2</i>	TRUE	2.735379183
CAD_admission_freq_obese_VAT	endothelial	<i>CCDC74A</i>	TRUE	2.171193169
CAD_admission_freq_obese_VAT	endothelial	<i>MYO7A</i>	TRUE	2.843420851
CAD_admission_freq_obese_VAT	endothelial	<i>NGEF</i>	TRUE	2.123206271
CAD_admission_freq_obese_VAT	endothelial	<i>CDC27</i>	TRUE	2.143413461
CAD_admission_freq_obese_VAT	endothelial	<i>GTF2H2</i>	TRUE	7.303019103
CAD_admission_freq_obese_VAT	endothelial	<i>ITGAV</i>	TRUE	2.016142315
CAD_admission_freq_obese_VAT	endothelial	<i>RPL7</i>	TRUE	1.984569639
CAD_admission_freq_obese_VAT	endothelial	<i>ADPRHL1</i>	TRUE	3.407523155
CAD_admission_freq_obese_VAT	endothelial	<i>HINT1</i>	TRUE	3.012269327
CAD_admission_freq_obese_VAT	endothelial	<i>OTOGL</i>	TRUE	1.983984889
CAD_admission_freq_obese_VAT	endothelial	<i>RPL10A</i>	TRUE	2.088578911
CAD_admission_freq_obese_VAT	endothelial	<i>PRDX2</i>	TRUE	2.733740521
CAD_admission_freq_obese_VAT	LEC	<i>CCDC154</i>	TRUE	2.060038997
CAD_admission_freq_obese_VAT	LEC	<i>ENTPD4</i>	TRUE	2.101367663
CAD_admission_freq_obese_VAT	LEC	<i>HRCT1</i>	TRUE	1.983573603
CAD_admission_freq_obese_VAT	LEC	<i>NP1PB9</i>	TRUE	2.724781024
CAD_admission_freq_obese_VAT	LEC	<i>AIM2</i>	TRUE	2.640895846
CAD_admission_freq_obese_VAT	LEC	<i>PAAF1</i>	TRUE	2.00141328
CAD_admission_freq_obese_VAT	LEC	<i>TTC38</i>	TRUE	2.029397821
CAD_admission_freq_obese_VAT	LEC	<i>C10orf25</i>	TRUE	1.992878064
CAD_admission_freq_obese_VAT	LEC	<i>MYLK2</i>	TRUE	2.179569359
CAD_admission_freq_obese_VAT	LEC	<i>LINC01139</i>	TRUE	1.990176055
CAD_admission_freq_obese_VAT	LEC	<i>ASGR2</i>	TRUE	2.978518537
CAD_admission_freq_obese_VAT	LEC	<i>KLHL5</i>	TRUE	4.243374189
CAD_admission_freq_obese_VAT	LEC	<i>WHAMM</i>	TRUE	2.529718701
CAD_admission_freq_obese_VAT	LEC	<i>USP37</i>	TRUE	2.22178977
CAD_admission_freq_obese_VAT	LEC	<i>ACTR2</i>	TRUE	2.231795406
CAD_admission_freq_obese_VAT	macrophage	<i>MTHFSD</i>	TRUE	2.108538528
CAD_admission_freq_obese_VAT	macrophage	<i>FAM106A</i>	TRUE	2.052365043
CAD_admission_freq_obese_VAT	macrophage	<i>EVI2B</i>	TRUE	2.178785535
CAD_admission_freq_obese_VAT	macrophage	<i>TRIM69</i>	TRUE	2.602985609
CAD_admission_freq_obese_VAT	macrophage	<i>RET</i>	TRUE	1.971970097
CAD_admission_freq_obese_VAT	macrophage	<i>RSL24D1</i>	TRUE	2.373370057
CAD_admission_freq_obese_VAT	macrophage	<i>NMB</i>	TRUE	2.037624538
CAD_admission_freq_obese_VAT	macrophage	<i>SLC25A38</i>	TRUE	2.088959874
CAD_admission_freq_obese_VAT	macrophage	<i>APOA1</i>	TRUE	2.569211861
CAD_admission_freq_obese_VAT	macrophage	<i>CDC25A</i>	TRUE	2.309095086

CAD_admission_freq_obese_VAT	mast_cell	<i>IFNE</i>	TRUE	2.830794646
CAD_admission_freq_obese_VAT	mast_cell	<i>LINGO4</i>	TRUE	2.103952164
CAD_admission_freq_obese_VAT	mast_cell	<i>INPP5B</i>	TRUE	2.196934493
CAD_admission_freq_obese_VAT	mast_cell	<i>PRPF38A</i>	TRUE	2.07874583
CAD_admission_freq_obese_VAT	mast_cell	<i>NAGPA</i>	TRUE	1.999289965
CAD_admission_freq_obese_VAT	mast_cell	<i>SOSTDC1</i>	TRUE	2.314831792
CAD_admission_freq_obese_VAT	mast_cell	<i>OSER1.AS1</i>	TRUE	2.197980627
CAD_admission_freq_obese_VAT	mast_cell	<i>RCN1</i>	TRUE	1.963482843
CAD_admission_freq_obese_VAT	mast_cell	<i>ARHGEF33</i>	TRUE	2.840096444
CAD_admission_freq_obese_VAT	mast_cell	<i>YPEL3</i>	TRUE	2.06956068
CAD_admission_freq_obese_VAT	mast_cell	<i>RCBTB1</i>	TRUE	2.572522011
CAD_admission_freq_obese_VAT	mast_cell	<i>TRIM32</i>	TRUE	2.574963406
CAD_admission_freq_obese_VAT	mast_cell	<i>OTOF</i>	TRUE	1.995171181
CAD_admission_freq_obese_VAT	mast_cell	<i>LINC00865</i>	TRUE	2.164339021
CAD_admission_freq_obese_VAT	mast_cell	<i>C10orf88</i>	TRUE	2.445740587
CAD_admission_freq_obese_VAT	mast_cell	<i>NUDT8</i>	TRUE	2.363388832
CAD_admission_freq_obese_VAT	mast_cell	<i>LRRC43</i>	TRUE	2.178177256
CAD_admission_freq_obese_VAT	mast_cell	<i>GAS2L2</i>	TRUE	2.153366024
CAD_admission_freq_obese_VAT	mast_cell	<i>SKP1</i>	TRUE	3.229108743
CAD_admission_freq_obese_VAT	mast_cell	<i>NIM1K</i>	TRUE	2.347663831
CAD_admission_freq_obese_VAT	mast_cell	<i>BNIP1</i>	TRUE	2.591446592
CAD_admission_freq_obese_VAT	mast_cell	<i>ECI1</i>	TRUE	2.252404435
CAD_admission_freq_obese_VAT	mesothelium	<i>TMEM133</i>	TRUE	2.444448766
CAD_admission_freq_obese_VAT	mesothelium	<i>FOXRED2</i>	TRUE	2.038899136
CAD_admission_freq_obese_VAT	mesothelium	<i>DDX25</i>	TRUE	2.072092526
CAD_admission_freq_obese_VAT	mesothelium	<i>CPNE1</i>	TRUE	2.297735806
CAD_admission_freq_obese_VAT	mesothelium	<i>DPYSL4</i>	TRUE	2.04075476
CAD_admission_freq_obese_VAT	mesothelium	<i>PCGF2</i>	TRUE	1.97954678
CAD_admission_freq_obese_VAT	mesothelium	<i>LGALS4</i>	TRUE	2.160947654
CAD_admission_freq_obese_VAT	mesothelium	<i>RUFY2</i>	TRUE	1.995149362
CAD_admission_freq_obese_VAT	mesothelium	<i>KCNH4</i>	TRUE	2.271391824
CAD_admission_freq_obese_VAT	mesothelium	<i>MTFR1</i>	TRUE	2.004532069
CAD_admission_freq_obese_VAT	mesothelium	<i>PNP</i>	TRUE	2.025155832
CAD_admission_freq_obese_VAT	mesothelium	<i>KHDC1</i>	TRUE	2.35424177
CAD_admission_freq_obese_VAT	mesothelium	<i>TAS2R4</i>	TRUE	1.997962388
CAD_admission_freq_obese_VAT	mesothelium	<i>SNAPC4</i>	TRUE	2.549211532
CAD_admission_freq_obese_VAT	monocyte	<i>HOXC10</i>	TRUE	2.318452229
CAD_admission_freq_obese_VAT	monocyte	<i>PPP2R3C</i>	TRUE	2.222376188
CAD_admission_freq_obese_VAT	monocyte	<i>SMDT1</i>	TRUE	2.003382758
CAD_admission_freq_obese_VAT	monocyte	<i>DIRC3</i>	TRUE	4.633206243
CAD_admission_freq_obese_VAT	monocyte	<i>SEC61G</i>	TRUE	2.312783852
CAD_admission_freq_obese_VAT	monocyte	<i>SRXN1</i>	TRUE	2.326309857
CAD_admission_freq_obese_VAT	monocyte	<i>TRIM69</i>	TRUE	2.147477018
CAD_admission_freq_obese_VAT	monocyte	<i>PRSS21</i>	TRUE	1.96728624

CAD_admission_freq_obese_VAT	monocyte	<i>KIAA0391</i>	TRUE	2.250992191
CAD_admission_freq_obese_VAT	monocyte	<i>EBNA1BP2</i>	TRUE	2.380474559
CAD_admission_freq_obese_VAT	monocyte	<i>ZNF763</i>	TRUE	4.002302513
CAD_admission_freq_obese_VAT	monocyte	<i>SPSB2</i>	TRUE	2.122549148
CAD_admission_freq_obese_VAT	monocyte	<i>AMDHD1</i>	TRUE	2.055419725
CAD_admission_freq_obese_VAT	monocyte	<i>MKRN2</i>	TRUE	1.962710644
CAD_admission_freq_obese_VAT	monocyte	<i>LSMEM1</i>	TRUE	2.144367008
CAD_admission_freq_obese_VAT	monocyte	<i>DYRK3</i>	TRUE	2.235065063
CAD_admission_freq_obese_VAT	neutrophil	<i>SDHA</i>	TRUE	2.079300751
CAD_admission_freq_obese_VAT	neutrophil	<i>ENTPD4</i>	TRUE	2.130141926
CAD_admission_freq_obese_VAT	neutrophil	<i>NPIPB9</i>	TRUE	2.533655411
CAD_admission_freq_obese_VAT	neutrophil	<i>NDUFA6</i>	TRUE	2.285846241
CAD_admission_freq_obese_VAT	neutrophil	<i>MTMR3</i>	TRUE	2.486574515
CAD_admission_freq_obese_VAT	neutrophil	<i>IFT52</i>	TRUE	2.086213936
CAD_admission_freq_obese_VAT	neutrophil	<i>OR2A42</i>	TRUE	2.044923069
CAD_admission_freq_obese_VAT	neutrophil	<i>POPDC2</i>	TRUE	2.212691155
CAD_admission_freq_obese_VAT	neutrophil	<i>COQ6</i>	TRUE	2.161717864
CAD_admission_freq_obese_VAT	neutrophil	<i>ZNF85</i>	TRUE	2.62028579
CAD_admission_freq_obese_VAT	neutrophil	<i>GABRB3</i>	TRUE	2.056531145
CAD_admission_freq_obese_VAT	neutrophil	<i>DDHD2</i>	TRUE	3.190104737
CAD_admission_freq_obese_VAT	neutrophil	<i>LLGL2</i>	TRUE	2.802677719
CAD_admission_freq_obese_VAT	neutrophil	<i>NUTM2D</i>	TRUE	2.25894042
CAD_admission_freq_obese_VAT	neutrophil	<i>SPATA20</i>	TRUE	2.14710952
CAD_admission_freq_obese_VAT	neutrophil	<i>CD7</i>	TRUE	2.111489229
CAD_admission_freq_obese_VAT	neutrophil	<i>WDR31</i>	TRUE	2.419502018
CAD_admission_freq_obese_VAT	neutrophil	<i>RAD9A</i>	TRUE	1.962537767
CAD_admission_freq_obese_VAT	nk_cell	<i>MBLAC1</i>	TRUE	2.009280572
CAD_admission_freq_obese_VAT	nk_cell	<i>CHST12</i>	TRUE	2.199240886
CAD_admission_freq_obese_VAT	nk_cell	<i>NOC4L</i>	TRUE	2.10019597
CAD_admission_freq_obese_VAT	nk_cell	<i>TMOD2</i>	TRUE	1.96900451
CAD_admission_freq_obese_VAT	nk_cell	<i>FAM216A</i>	TRUE	2.055729249
CAD_admission_freq_obese_VAT	nk_cell	<i>MYLK2</i>	TRUE	2.7846933
CAD_admission_freq_obese_VAT	nk_cell	<i>CPT1B</i>	TRUE	2.944463424
CAD_admission_freq_obese_VAT	nk_cell	<i>AP4S1</i>	TRUE	2.505546483
CAD_admission_freq_obese_VAT	nk_cell	<i>EFCAB13</i>	TRUE	2.094501667
CAD_admission_freq_obese_VAT	nk_cell	<i>ZNF781</i>	TRUE	2.324340365
CAD_admission_freq_obese_VAT	nk_cell	<i>ARMS2</i>	TRUE	2.264820861
CAD_admission_freq_obese_VAT	nk_cell	<i>EARS2</i>	TRUE	2.227959359
CAD_admission_freq_obese_VAT	nk_cell	<i>ADAM11</i>	TRUE	2.036882749
CAD_admission_freq_obese_VAT	nk_cell	<i>RGPD8</i>	TRUE	2.18083881
CAD_admission_freq_obese_VAT	nk_cell	<i>ATG14</i>	TRUE	2.333284234
CAD_admission_freq_obese_VAT	SMC	<i>GOLGA8K</i>	TRUE	3.000955504
CAD_admission_freq_obese_VAT	SMC	<i>MRPL4</i>	TRUE	2.216457905
CAD_admission_freq_obese_VAT	SMC	<i>CRYZ</i>	TRUE	2.421645997

CAD_admission_freq_obese_VAT	SMC	<i>UBE2Q2L</i>	TRUE	2.294803182
CAD_admission_freq_obese_VAT	SMC	<i>BCAS2</i>	TRUE	1.993197608
CAD_admission_freq_obese_VAT	SMC	<i>SLC6A3</i>	TRUE	2.491526919
CAD_admission_freq_obese_VAT	SMC	<i>SAMD13</i>	TRUE	2.850066473
CAD_admission_freq_obese_VAT	SMC	<i>SP4</i>	TRUE	2.113200227
CAD_admission_freq_obese_VAT	SMC	<i>DNMT1</i>	TRUE	2.106153138
CAD_admission_freq_obese_VAT	SMC	<i>C14orf2</i>	TRUE	2.848773774
CAD_admission_freq_obese_VAT	SMC	<i>ZNF311</i>	TRUE	2.742595658
CAD_admission_freq_obese_VAT	SMC	<i>MYLK2</i>	TRUE	2.002266934
CAD_admission_freq_obese_VAT	SMC	<i>PCDHA10</i>	TRUE	2.000887884
CAD_admission_freq_obese_VAT	SMC	<i>ART5</i>	TRUE	2.094721171
CAD_admission_freq_obese_VAT	SMC	<i>ZMYND12</i>	TRUE	2.927143676
CAD_admission_freq_obese_VAT	SMC	<i>CYP4B1</i>	TRUE	2.030516189
CAD_admission_freq_obese_VAT	SMC	<i>CLDN1</i>	TRUE	2.11809969
CAD_admission_freq_obese_VAT	SMC	<i>CCDC115</i>	TRUE	1.994700951
CAD_admission_freq_obese_VAT	SMC	<i>KIF16B</i>	TRUE	2.623016806
CAD_admission_freq_obese_VAT	SMC	<i>FOLR1</i>	TRUE	1.999321129
CAD_admission_freq_obese_VAT	SMC	<i>CCDC86</i>	TRUE	2.329171327
CAD_admission_freq_obese_VAT	SMC	<i>SPATA20</i>	TRUE	2.230559619
CAD_admission_freq_obese_VAT	SMC	<i>RPL19</i>	TRUE	2.926886135
CAD_admission_freq_obese_VAT	SMC	<i>MOSPD3</i>	TRUE	2.126949011
CAD_admission_freq_obese_VAT	t_cell	<i>BARX1</i>	TRUE	2.092046551
CAD_admission_freq_obese_VAT	t_cell	<i>RGCC</i>	TRUE	2.23552492
CAD_admission_freq_obese_VAT	t_cell	<i>POLE3</i>	TRUE	2.01748838
CAD_admission_freq_obese_VAT	t_cell	<i>MCC</i>	TRUE	2.081191704
CAD_admission_freq_obese_VAT	t_cell	<i>FTCDNL1</i>	TRUE	1.98288836
CAD_admission_freq_obese_VAT	t_cell	<i>GSTM1</i>	TRUE	2.503198576
CAD_admission_freq_obese_VAT	t_cell	<i>ZNF432</i>	TRUE	2.904587914
CAD_admission_freq_obese_VAT	t_cell	<i>THBS3</i>	TRUE	2.21448112
CAD_admission_freq_obese_VAT	t_cell	<i>NPIA7</i>	TRUE	2.194819328
CAD_admission_freq_obese_VAT	t_cell	<i>CCDC74A</i>	TRUE	2.482795362
CAD_admission_freq_obese_VAT	t_cell	<i>CCDC93</i>	TRUE	3.070330122
CAD_admission_freq_obese_VAT	t_cell	<i>CENPQ</i>	TRUE	2.342670946
CAD_admission_freq_obese_VAT	t_cell	<i>DHX34</i>	TRUE	2.457473348
CAD_admission_freq_obese_VAT	t_cell	<i>VPS37D</i>	TRUE	2.486247364
CAD_admission_freq_obese_VAT	t_cell	<i>HAUS1</i>	TRUE	1.992075165
CAD_admission_freq_obese_VAT	t_cell	<i>CYP11A1</i>	TRUE	2.040616573
CAD_mortality_obese_VAT	adipocyte	<i>NCSI</i>	TRUE	2.063939325
CAD_mortality_obese_VAT	adipocyte	<i>NUP205</i>	TRUE	2.584259567
CAD_mortality_obese_VAT	adipocyte	<i>FOXRED2</i>	TRUE	2.137227332
CAD_mortality_obese_VAT	adipocyte	<i>MRGPRX2</i>	TRUE	2.579273016
CAD_mortality_obese_VAT	adipocyte	<i>RHBDL1</i>	TRUE	2.117454246
CAD_mortality_obese_VAT	adipocyte	<i>METAP1</i>	TRUE	2.169731217
CAD_mortality_obese_VAT	adipocyte	<i>SLC6A3</i>	TRUE	2.213408314

CAD_mortality_obese_VAT	adipocyte	<i>LRPPRC</i>	TRUE	1.964162093
CAD_mortality_obese_VAT	adipocyte	<i>ZNF549</i>	TRUE	1.997180715
CAD_mortality_obese_VAT	adipocyte	<i>AFF1</i>	TRUE	2.092610053
CAD_mortality_obese_VAT	adipocyte	<i>MYO7A</i>	TRUE	3.331054469
CAD_mortality_obese_VAT	adipocyte	<i>FAM114A2</i>	TRUE	2.033729587
CAD_mortality_obese_VAT	adipocyte	<i>ITGAV</i>	TRUE	2.335148116
CAD_mortality_obese_VAT	adipocyte	<i>KLF7</i>	TRUE	2.075368898
CAD_mortality_obese_VAT	adipocyte	<i>C3orf14</i>	TRUE	2.031031008
CAD_mortality_obese_VAT	adipocyte	<i>SPTLC1</i>	TRUE	2.028608671
CAD_mortality_obese_VAT	adipocyte	<i>STARD10</i>	TRUE	2.500265109
CAD_mortality_obese_VAT	adipocyte	<i>ZNF717</i>	TRUE	2.207422076
CAD_mortality_obese_VAT	adipocyte	<i>PNKP</i>	TRUE	2.130137368
CAD_mortality_obese_VAT	adipocyte	<i>SLC6A1</i>	TRUE	2.871821771
CAD_mortality_obese_VAT	ASPC	<i>ZNF471</i>	TRUE	2.239511042
CAD_mortality_obese_VAT	ASPC	<i>SHPK</i>	TRUE	2.093048444
CAD_mortality_obese_VAT	ASPC	<i>QRSL1</i>	TRUE	2.2327418
CAD_mortality_obese_VAT	ASPC	<i>COQ6</i>	TRUE	2.631854906
CAD_mortality_obese_VAT	ASPC	<i>MAP3K10</i>	TRUE	2.168702439
CAD_mortality_obese_VAT	ASPC	<i>HIST1H3E</i>	TRUE	2.358608863
CAD_mortality_obese_VAT	ASPC	<i>DTYMK</i>	TRUE	2.114910722
CAD_mortality_obese_VAT	ASPC	<i>PLEK2</i>	TRUE	2.333247497
CAD_mortality_obese_VAT	ASPC	<i>DYNC1I2</i>	TRUE	2.398658931
CAD_mortality_obese_VAT	ASPC	<i>DUSP8</i>	TRUE	3.150772427
CAD_mortality_obese_VAT	ASPC	<i>H3F3C</i>	TRUE	2.417733522
CAD_mortality_obese_VAT	ASPC	<i>BTNL8</i>	TRUE	2.011304969
CAD_mortality_obese_VAT	ASPC	<i>ACTR2</i>	TRUE	2.773863724
CAD_mortality_obese_VAT	ASPC	<i>C4B</i>	TRUE	2.632899332
CAD_mortality_obese_VAT	ASPC	<i>BCL7B</i>	TRUE	2.112071531
CAD_mortality_obese_VAT	b_cell	<i>ULBP2</i>	TRUE	2.110294719
CAD_mortality_obese_VAT	b_cell	<i>PLGLB1</i>	TRUE	2.259281885
CAD_mortality_obese_VAT	b_cell	<i>ELOVL3</i>	TRUE	2.337352683
CAD_mortality_obese_VAT	b_cell	<i>LINC00663</i>	TRUE	2.096203644
CAD_mortality_obese_VAT	b_cell	<i>NMUR1</i>	TRUE	2.764345016
CAD_mortality_obese_VAT	b_cell	<i>PAAF1</i>	TRUE	2.14890463
CAD_mortality_obese_VAT	b_cell	<i>BRK1</i>	TRUE	2.016663238
CAD_mortality_obese_VAT	b_cell	<i>PDE11A</i>	TRUE	2.62598839
CAD_mortality_obese_VAT	b_cell	<i>TOPORS</i>	TRUE	2.219042317
CAD_mortality_obese_VAT	b_cell	<i>PAX8</i>	TRUE	2.023640579
CAD_mortality_obese_VAT	b_cell	<i>NKD2</i>	TRUE	2.639438149
CAD_mortality_obese_VAT	b_cell	<i>DTYMK</i>	TRUE	2.280569532
CAD_mortality_obese_VAT	b_cell	<i>CYP4B1</i>	TRUE	2.028740937
CAD_mortality_obese_VAT	b_cell	<i>FOLR1</i>	TRUE	1.975155534
CAD_mortality_obese_VAT	b_cell	<i>FAM229B</i>	TRUE	2.806954795
CAD_mortality_obese_VAT	b_cell	<i>BALAP3</i>	TRUE	2.028905871

CAD_mortality_obese_VAT	b_cell	<i>BRI3</i>	TRUE	1.961937599
CAD_mortality_obese_VAT	b_cell	<i>PPP5C</i>	TRUE	1.961471742
CAD_mortality_obese_VAT	b_cell	<i>SGSM2</i>	TRUE	2.076565766
CAD_mortality_obese_VAT	dendritic_cell	<i>FTCD</i>	TRUE	2.044318898
CAD_mortality_obese_VAT	dendritic_cell	<i>NP1PB3</i>	TRUE	2.33864585
CAD_mortality_obese_VAT	dendritic_cell	<i>NQO1</i>	TRUE	2.104510155
CAD_mortality_obese_VAT	dendritic_cell	<i>TMEM170A</i>	TRUE	2.238462221
CAD_mortality_obese_VAT	dendritic_cell	<i>PAAF1</i>	TRUE	2.021499835
CAD_mortality_obese_VAT	dendritic_cell	<i>TRMT61B</i>	TRUE	2.052813171
CAD_mortality_obese_VAT	dendritic_cell	<i>HIST1H3E</i>	TRUE	1.985091325
CAD_mortality_obese_VAT	dendritic_cell	<i>TMOD2</i>	TRUE	2.165149762
CAD_mortality_obese_VAT	dendritic_cell	<i>PVRIG</i>	TRUE	2.412789728
CAD_mortality_obese_VAT	dendritic_cell	<i>LMBRD2</i>	TRUE	2.652401416
CAD_mortality_obese_VAT	dendritic_cell	<i>TMED6</i>	TRUE	2.239840394
CAD_mortality_obese_VAT	dendritic_cell	<i>KCNH4</i>	TRUE	2.103619029
CAD_mortality_obese_VAT	dendritic_cell	<i>DEPTOR</i>	TRUE	2.152548837
CAD_mortality_obese_VAT	dendritic_cell	<i>STARD10</i>	TRUE	2.02752389
CAD_mortality_obese_VAT	dendritic_cell	<i>FCGR1A</i>	TRUE	2.048842967
CAD_mortality_obese_VAT	dendritic_cell	<i>TIPIN</i>	TRUE	1.989225336
CAD_mortality_obese_VAT	dendritic_cell	<i>NDUFA10</i>	TRUE	2.023916038
CAD_mortality_obese_VAT	endometrium	<i>LRRCC1</i>	TRUE	2.407776792
CAD_mortality_obese_VAT	endometrium	<i>WFIKKN1</i>	TRUE	2.08135784
CAD_mortality_obese_VAT	endometrium	<i>OXNAD1</i>	TRUE	2.846318609
CAD_mortality_obese_VAT	endometrium	<i>ZNHIT6</i>	TRUE	2.278684331
CAD_mortality_obese_VAT	endometrium	<i>IRF9</i>	TRUE	2.232031002
CAD_mortality_obese_VAT	endometrium	<i>AADAT</i>	TRUE	2.116956436
CAD_mortality_obese_VAT	endometrium	<i>POLR1B</i>	TRUE	1.988561102
CAD_mortality_obese_VAT	endometrium	<i>RNU6ATAC35P</i>	TRUE	2.833979473
CAD_mortality_obese_VAT	endometrium	<i>SLC5A4</i>	TRUE	2.26887004
CAD_mortality_obese_VAT	endothelial	<i>SLC2A1.AS1</i>	TRUE	2.118274627
CAD_mortality_obese_VAT	endothelial	<i>ZNF587</i>	TRUE	2.415438703
CAD_mortality_obese_VAT	endothelial	<i>PLA2G10</i>	TRUE	2.437486724
CAD_mortality_obese_VAT	endothelial	<i>MRGPRX2</i>	TRUE	2.603027845
CAD_mortality_obese_VAT	endothelial	<i>FANCG</i>	TRUE	2.970579658
CAD_mortality_obese_VAT	endothelial	<i>CCT8</i>	TRUE	2.784924272
CAD_mortality_obese_VAT	endothelial	<i>CAV3</i>	TRUE	2.080791532
CAD_mortality_obese_VAT	endothelial	<i>ATP6V1E2</i>	TRUE	2.918544379
CAD_mortality_obese_VAT	endothelial	<i>AGPS</i>	TRUE	2.064153211
CAD_mortality_obese_VAT	endothelial	<i>GPR12</i>	TRUE	1.976860688
CAD_mortality_obese_VAT	endothelial	<i>FAM229B</i>	TRUE	2.386728728
CAD_mortality_obese_VAT	endothelial	<i>ADAD2</i>	TRUE	2.021600284
CAD_mortality_obese_VAT	endothelial	<i>SCD</i>	TRUE	2.223012976
CAD_mortality_obese_VAT	endothelial	<i>PCSK2</i>	TRUE	2.236015747
CAD_mortality_obese_VAT	endothelial	<i>RUFY1</i>	TRUE	2.351802212

CAD_mortality_obese_VAT	endothelial	<i>OTOGL</i>	TRUE	2.630013926
CAD_mortality_obese_VAT	LEC	<i>LINGO4</i>	TRUE	1.976226901
CAD_mortality_obese_VAT	LEC	<i>CAPN3</i>	TRUE	2.176136717
CAD_mortality_obese_VAT	LEC	<i>MRPL4</i>	TRUE	2.733545651
CAD_mortality_obese_VAT	LEC	<i>ZNF749</i>	TRUE	2.724113371
CAD_mortality_obese_VAT	LEC	<i>ZSCAN18</i>	TRUE	2.043170528
CAD_mortality_obese_VAT	LEC	<i>PRSS21</i>	TRUE	2.009177845
CAD_mortality_obese_VAT	LEC	<i>HDHD3</i>	TRUE	2.338776562
CAD_mortality_obese_VAT	LEC	<i>TOPORS</i>	TRUE	2.122602921
CAD_mortality_obese_VAT	LEC	<i>ZNF584</i>	TRUE	2.273261165
CAD_mortality_obese_VAT	LEC	<i>ARL16</i>	TRUE	2.327896413
CAD_mortality_obese_VAT	LEC	<i>ARMS2</i>	TRUE	1.962714214
CAD_mortality_obese_VAT	LEC	<i>SLC35F6</i>	TRUE	2.086659538
CAD_mortality_obese_VAT	LEC	<i>LILRA2</i>	TRUE	2.387178999
CAD_mortality_obese_VAT	LEC	<i>SLC1A7</i>	TRUE	2.379012953
CAD_mortality_obese_VAT	macrophage	<i>SMYD5</i>	TRUE	2.270618096
CAD_mortality_obese_VAT	macrophage	<i>CMTM3</i>	TRUE	2.024084928
CAD_mortality_obese_VAT	macrophage	<i>DGCR6</i>	TRUE	2.139939289
CAD_mortality_obese_VAT	macrophage	<i>SCGB2B2</i>	TRUE	2.48549156
CAD_mortality_obese_VAT	macrophage	<i>SOSTDC1</i>	TRUE	2.385843909
CAD_mortality_obese_VAT	macrophage	<i>CANT1</i>	TRUE	2.170927322
CAD_mortality_obese_VAT	macrophage	<i>ENTPD8</i>	TRUE	2.052008771
CAD_mortality_obese_VAT	macrophage	<i>ADCY3</i>	TRUE	2.133551705
CAD_mortality_obese_VAT	macrophage	<i>SNX5</i>	TRUE	2.469407555
CAD_mortality_obese_VAT	macrophage	<i>SULT1B1</i>	TRUE	2.417138238
CAD_mortality_obese_VAT	macrophage	<i>C14orf144</i>	TRUE	2.237009619
CAD_mortality_obese_VAT	macrophage	<i>PLA2G4B</i>	TRUE	2.094604423
CAD_mortality_obese_VAT	macrophage	<i>TMEM87B</i>	TRUE	2.002498997
CAD_mortality_obese_VAT	macrophage	<i>RABL2B</i>	TRUE	2.067269217
CAD_mortality_obese_VAT	macrophage	<i>RPL7</i>	TRUE	2.153402203
CAD_mortality_obese_VAT	macrophage	<i>GOLGA8N</i>	TRUE	2.235340698
CAD_mortality_obese_VAT	macrophage	<i>PRR13</i>	TRUE	2.114106044
CAD_mortality_obese_VAT	macrophage	<i>CENPP</i>	TRUE	2.037180204
CAD_mortality_obese_VAT	macrophage	<i>PCSK2</i>	TRUE	2.079833037
CAD_mortality_obese_VAT	macrophage	<i>ITGB6</i>	TRUE	2.994320903
CAD_mortality_obese_VAT	macrophage	<i>MRPS26</i>	TRUE	1.975573782
CAD_mortality_obese_VAT	macrophage	<i>ATP8B3</i>	TRUE	2.608300499
CAD_mortality_obese_VAT	mast_cell	<i>RMI2</i>	TRUE	2.249632809
CAD_mortality_obese_VAT	mast_cell	<i>RPS3</i>	TRUE	2.853591917
CAD_mortality_obese_VAT	mast_cell	<i>ECHDC2</i>	TRUE	2.088428423
CAD_mortality_obese_VAT	mast_cell	<i>RAB13</i>	TRUE	2.033721879
CAD_mortality_obese_VAT	mast_cell	<i>RHBDL1</i>	TRUE	2.052167383
CAD_mortality_obese_VAT	mast_cell	<i>ZNF554</i>	TRUE	1.985969046
CAD_mortality_obese_VAT	mast_cell	<i>AMFR</i>	TRUE	2.166050529

CAD_mortality_obese_VAT	mast_cell	<i>IRGM</i>	TRUE	2.171661711
CAD_mortality_obese_VAT	mast_cell	<i>LARS</i>	TRUE	2.181783608
CAD_mortality_obese_VAT	mast_cell	<i>SH3BP5L</i>	TRUE	2.011814513
CAD_mortality_obese_VAT	mast_cell	<i>TUFM</i>	TRUE	2.166831407
CAD_mortality_obese_VAT	mast_cell	<i>DGCR6L</i>	TRUE	2.045758055
CAD_mortality_obese_VAT	mast_cell	<i>UPK3B</i>	TRUE	2.208162946
CAD_mortality_obese_VAT	mesothelium	<i>RGCC</i>	TRUE	2.02173391
CAD_mortality_obese_VAT	mesothelium	<i>TMC2</i>	TRUE	2.169259508
CAD_mortality_obese_VAT	mesothelium	<i>KBTBD12</i>	TRUE	3.790988655
CAD_mortality_obese_VAT	mesothelium	<i>CISD1</i>	TRUE	2.384254601
CAD_mortality_obese_VAT	mesothelium	<i>KRT27</i>	TRUE	1.974995959
CAD_mortality_obese_VAT	mesothelium	<i>CTSB</i>	TRUE	2.21940289
CAD_mortality_obese_VAT	mesothelium	<i>NUP50</i>	TRUE	1.985515719
CAD_mortality_obese_VAT	mesothelium	<i>MMEL1</i>	TRUE	2.170642852
CAD_mortality_obese_VAT	mesothelium	<i>TMEM206</i>	TRUE	2.082516084
CAD_mortality_obese_VAT	mesothelium	<i>CPSF4</i>	TRUE	2.289928132
CAD_mortality_obese_VAT	mesothelium	<i>KRR1</i>	TRUE	2.134342886
CAD_mortality_obese_VAT	mesothelium	<i>LSMEM1</i>	TRUE	2.573131382
CAD_mortality_obese_VAT	mesothelium	<i>BCL7B</i>	TRUE	3.070739974
CAD_mortality_obese_VAT	mesothelium	<i>CSNK1A1L</i>	TRUE	2.122871381
CAD_mortality_obese_VAT	mesothelium	<i>LINC00668</i>	TRUE	2.057350253
CAD_mortality_obese_VAT	monocyte	<i>HOXC10</i>	TRUE	2.002622264
CAD_mortality_obese_VAT	monocyte	<i>IP6K3</i>	TRUE	2.394948459
CAD_mortality_obese_VAT	monocyte	<i>RMI2</i>	TRUE	2.593173488
CAD_mortality_obese_VAT	monocyte	<i>MILR1</i>	TRUE	1.987753113
CAD_mortality_obese_VAT	monocyte	<i>MTHFSD</i>	TRUE	2.922721664
CAD_mortality_obese_VAT	monocyte	<i>AQP5</i>	TRUE	3.165129986
CAD_mortality_obese_VAT	monocyte	<i>OR52N4</i>	TRUE	2.081189743
CAD_mortality_obese_VAT	monocyte	<i>FAM153B</i>	TRUE	2.154383485
CAD_mortality_obese_VAT	monocyte	<i>SPECC1L</i>	TRUE	2.169083424
CAD_mortality_obese_VAT	monocyte	<i>MFAP5</i>	TRUE	1.971694173
CAD_mortality_obese_VAT	monocyte	<i>ANTXR1</i>	TRUE	2.961061018
CAD_mortality_obese_VAT	monocyte	<i>TNFSF12</i>	TRUE	2.37766154
CAD_mortality_obese_VAT	monocyte	<i>MTIM</i>	TRUE	2.478677598
CAD_mortality_obese_VAT	monocyte	<i>BMPR2</i>	TRUE	2.270329243
CAD_mortality_obese_VAT	monocyte	<i>PDHB</i>	TRUE	2.028195401
CAD_mortality_obese_VAT	monocyte	<i>FOXN4</i>	TRUE	1.986374488
CAD_mortality_obese_VAT	monocyte	<i>CDH2</i>	TRUE	2.701908206
CAD_mortality_obese_VAT	monocyte	<i>GM2A</i>	TRUE	2.273904141
CAD_mortality_obese_VAT	monocyte	<i>RHBDL3</i>	TRUE	1.974347767
CAD_mortality_obese_VAT	monocyte	<i>SPRR2B</i>	TRUE	2.519985695
CAD_mortality_obese_VAT	neutrophil	<i>BARX1</i>	TRUE	2.756884229
CAD_mortality_obese_VAT	neutrophil	<i>SPTA1</i>	TRUE	2.078277825
CAD_mortality_obese_VAT	neutrophil	<i>LRRC27</i>	TRUE	2.256840108

CAD_mortality_obese_VAT	neutrophil	<i>PRDM15</i>	TRUE	2.156606979
CAD_mortality_obese_VAT	neutrophil	<i>METAP1</i>	TRUE	2.5992484
CAD_mortality_obese_VAT	neutrophil	<i>PMS2</i>	TRUE	1.982246422
CAD_mortality_obese_VAT	neutrophil	<i>ARHGEF18</i>	TRUE	2.042960919
CAD_mortality_obese_VAT	neutrophil	<i>PAAF1</i>	TRUE	2.416012338
CAD_mortality_obese_VAT	neutrophil	<i>HDHD3</i>	TRUE	2.111496264
CAD_mortality_obese_VAT	neutrophil	<i>LINC01123</i>	TRUE	2.053987658
CAD_mortality_obese_VAT	neutrophil	<i>CAD</i>	TRUE	2.833439791
CAD_mortality_obese_VAT	neutrophil	<i>FISI</i>	TRUE	2.145525672
CAD_mortality_obese_VAT	neutrophil	<i>ZNF23</i>	TRUE	2.213223547
CAD_mortality_obese_VAT	neutrophil	<i>SNHG8</i>	TRUE	1.970752581
CAD_mortality_obese_VAT	neutrophil	<i>MC1R</i>	TRUE	2.172648374
CAD_mortality_obese_VAT	neutrophil	<i>LDHC</i>	TRUE	2.298610465
CAD_mortality_obese_VAT	neutrophil	<i>DEFB124</i>	TRUE	2.24597274
CAD_mortality_obese_VAT	neutrophil	<i>GOLGA6L4</i>	TRUE	3.073354197
CAD_mortality_obese_VAT	neutrophil	<i>SFXN2</i>	TRUE	2.090616861
CAD_mortality_obese_VAT	neutrophil	<i>BTN3A2</i>	TRUE	2.180902411
CAD_mortality_obese_VAT	neutrophil	<i>PRDX2</i>	TRUE	1.972601252
CAD_mortality_obese_VAT	nk_cell	<i>NSA2</i>	TRUE	2.138608053
CAD_mortality_obese_VAT	nk_cell	<i>CASC20</i>	TRUE	2.18501606
CAD_mortality_obese_VAT	nk_cell	<i>MBLAC1</i>	TRUE	2.081544571
CAD_mortality_obese_VAT	nk_cell	<i>AKAP7</i>	TRUE	2.159885797
CAD_mortality_obese_VAT	nk_cell	<i>ERAP2</i>	TRUE	1.96651507
CAD_mortality_obese_VAT	nk_cell	<i>DDX31</i>	TRUE	2.723561936
CAD_mortality_obese_VAT	nk_cell	<i>GOLGA8K</i>	TRUE	2.131952307
CAD_mortality_obese_VAT	nk_cell	<i>C2orf40</i>	TRUE	2.272221352
CAD_mortality_obese_VAT	nk_cell	<i>SDSL</i>	TRUE	2.187794283
CAD_mortality_obese_VAT	nk_cell	<i>ZNF549</i>	TRUE	2.027654599
CAD_mortality_obese_VAT	nk_cell	<i>DYNC1I2</i>	TRUE	2.14556858
CAD_mortality_obese_VAT	nk_cell	<i>ENPP1</i>	TRUE	3.634710628
CAD_mortality_obese_VAT	nk_cell	<i>DZIP1L</i>	TRUE	2.317437898
CAD_mortality_obese_VAT	nk_cell	<i>SUN1</i>	TRUE	2.05221898
CAD_mortality_obese_VAT	nk_cell	<i>POMZP3</i>	TRUE	2.262505807
CAD_mortality_obese_VAT	nk_cell	<i>SNAPC4</i>	TRUE	2.28895706
CAD_mortality_obese_VAT	nk_cell	<i>RHBDL3</i>	TRUE	2.200756695
CAD_mortality_obese_VAT	nk_cell	<i>FAM25A</i>	TRUE	2.135068908
CAD_mortality_obese_VAT	nk_cell	<i>NDRG3</i>	TRUE	2.578475405
CAD_mortality_obese_VAT	SMC	<i>KRT72</i>	TRUE	2.352040543
CAD_mortality_obese_VAT	SMC	<i>PDCD1</i>	TRUE	2.204763226
CAD_mortality_obese_VAT	SMC	<i>ENDOU</i>	TRUE	2.12456925
CAD_mortality_obese_VAT	SMC	<i>KHK</i>	TRUE	2.09039117
CAD_mortality_obese_VAT	SMC	<i>TMEM143</i>	TRUE	2.857207903
CAD_mortality_obese_VAT	SMC	<i>MRPL51</i>	TRUE	2.113236467
CAD_mortality_obese_VAT	SMC	<i>C10orf107</i>	TRUE	2.274852654

CAD_mortality_obese_VAT	SMC	<i>CDIPT</i>	TRUE	2.010829722
CAD_mortality_obese_VAT	SMC	<i>ACE</i>	TRUE	2.574187211
CAD_mortality_obese_VAT	SMC	<i>CLDN1</i>	TRUE	1.987811979
CAD_mortality_obese_VAT	SMC	<i>CALML4</i>	TRUE	2.654019721
CAD_mortality_obese_VAT	SMC	<i>TRIM66</i>	TRUE	2.01220022
CAD_mortality_obese_VAT	SMC	<i>HAUS1</i>	TRUE	2.151955175
CAD_mortality_obese_VAT	SMC	<i>TBC1D3</i>	TRUE	2.086328169
CAD_mortality_obese_VAT	SMC	<i>SLC22A31</i>	TRUE	2.04844583
CAD_mortality_obese_VAT	t_cell	<i>HOXC10</i>	TRUE	2.554825831
CAD_mortality_obese_VAT	t_cell	<i>DIAPH3</i>	TRUE	3.353962969
CAD_mortality_obese_VAT	t_cell	<i>MTHFSD</i>	TRUE	1.985003065
CAD_mortality_obese_VAT	t_cell	<i>RALGAPA1</i>	TRUE	2.036762502
CAD_mortality_obese_VAT	t_cell	<i>OSER1.AS1</i>	TRUE	2.402928513
CAD_mortality_obese_VAT	t_cell	<i>U2AF1L4</i>	TRUE	2.149793609
CAD_mortality_obese_VAT	t_cell	<i>FOXI2</i>	TRUE	2.460480628
CAD_mortality_obese_VAT	t_cell	<i>ANTXRL</i>	TRUE	2.197162046
CAD_mortality_obese_VAT	t_cell	<i>DNAAF1</i>	TRUE	1.982829778
CAD_mortality_obese_VAT	t_cell	<i>PTDSS2</i>	TRUE	1.992731144
CAD_mortality_obese_VAT	t_cell	<i>WDR18</i>	TRUE	1.99028308
CAD_mortality_obese_VAT	t_cell	<i>MMP11</i>	TRUE	2.662780265
CAD_mortality_obese_VAT	t_cell	<i>MZT2A</i>	TRUE	2.481488371
CAD_mortality_obese_VAT	t_cell	<i>PGAM1</i>	TRUE	1.982434377
CAD_mortality_obese_VAT	t_cell	<i>CCDC86</i>	TRUE	2.038744837
CAD_mortality_obese_VAT	t_cell	<i>ESRRB</i>	TRUE	2.121626955
CAD_mortality_obese_VAT	t_cell	<i>SNRPC</i>	TRUE	2.568418466
CAD_mortality_obese_VAT	t_cell	<i>ZNF732</i>	TRUE	1.987597068
CAD_mortality_obese_VAT	t_cell	<i>SERTAD3</i>	TRUE	2.067345811
CAD_mortality_obese_VAT	t_cell	<i>P2RY11</i>	TRUE	2.04292958

Note: zMin indicates the zscore calculated from the PC-simple for the causal relationships between the target gene and phenotype