

2

1

0

z-score

1

2

- samples
- Me1  
Ears2  
Rdnl0  
Idnk  
Camm1  
Enoph1  
Adhfe1  
Cyb5a  
Scd1  
Cp2d22  
Ceccam1  
Psen1  
Czfa2i3  
Trp53  
Gcic  
Aco6  
Iars  
Srr  
Lpgat1  
Aho9  
Mdh2  
Cncd3  
Mapk14  
Adi1  
Ddi4  
Cemp2  
Irsip1  
Dgsp1  
Ero1b  
Naas  
Acyl  
Dct  
Mthfd1  
Asnsd1  
Ddc  
Cp26b1  
Sncs  
Bpgm  
Cmah  
Scd2  
Echdc1  
Gmps  
Abat  
Pdxdc1  
Ptyh  
Pges3  
Pcyx1  
Pdk1  
Gsch  
Iars2  
Prx2c  
Pnpla8  
Hacd3  
Foxcb1  
Crem  
Nars2  
P4hb  
Mtrr  
Adipor1  
Dgat2  
Mmut  
Azin1  
Pex7  
Pct1  
Aldh4a1  
Etf  
Gatb  
Kyat3  
Acadm  
Acat1  
Ndufab1  
Ptyr2  
Bckdha  
Sdhb  
Mccc2  
P4htm  
Acy1  
Sdha  
Bcat2  
Ptp1  
Bckdhh  
Hadhb  
Prkab1  
Ii15  
Mpst  
Egln1  
Kars  
Gch1  
Pcx  
Echs1  
Cars2  
Apl2  
Ivd  
Idh2  
Mir  
Prkg1  
Mpc1  
Aldh6a1  
Acad5b  
Lpl  
Gtlucy  
Ech1  
Gstm7  
Esrb  
Etbl  
Gnpat  
As3mt  
Gcdh  
Irs2  
Aldh1l2  
Cp12  
Suctg2  
Me3  
Farsb  
Akt2  
Qk  
Ppargc1a  
Pcs1d  
Gat  
Cs  
Ldhd  
Crat  
Pfas  
Hdac4  
Tha1  
Acads  
Acad3  
Acad3  
Acad2  
Dbi  
Cpt1b  
Prodh  
Dihkd1  
Uros  
Irs1  
Irs1  
Prox1  
Zbtb20  
Asdh  
Pibf1  
Aig1  
Fabp3  
Acx1  
Etblm1  
Cp12  
Mecp2  
Pank2  
Acsl3  
Slrt1  
Fads3  
Fah  
Nfe2l1  
Por  
Fasn  
Alox5  
Fgl2  
Atp7a  
Ehnhad  
Sod4  
Acsm5  
N6am1  
Nos2  
Cp14  
Lyp1a2  
Nr1h2  
Nr1h2  
Akt1  
Farsa  
Nr4a3  
Idh3g  
Pdk2  
Prkce  
Tpar  
Ppara  
Nr1h3  
Lpin2  
Dagla  
Wdnc1  
Mars  
Dald3  
Ectf1  
Pim1  
Eif6  
Pla2g5  
Tarsl2  
Pdh2  
Entpd5  
Oxsm  
Aldh10  
Mn2od1  
Myc  
Gp12  
Ireb2  
Tars2  
Eci2  
Abcd3  
Stmt1  
Acad11  
Sreb1  
Cp12  
Lars2  
Mccc1  
Acot1  
C44  
Cad  
Pli5  
Slc27a1  
Acot2  
Acad2  
Dpyd  
Hadh  
Decr1  
Mlycd  
Ephx2  
Etfhd  
Fads1  
Ncor1  
Tnfr1  
Comt  
Comt  
Hdc  
Cp11a  
Lipe  
Npc1  
Gpam  
C36  
Pdk4  
Ucp3  
Star4  
Gclm  
Atp2b4  
Acacb  
C3  
Ggt5  
Pld3  
Hxh2  
Abhd16a  
Sgpl1  
Abhd5  
Ldha  
Pecr  
Pspb  
Slc5a3  
Aldoa  
Hsd17b12  
Nduf5b  
Glo1  
Mdh1  
Adh5  
Tst  
Kyat1  
Pfk  
Alkbh7  
Pycr1  
Ldhb  
Mthfd1  
Gk  
Mid1p1  
Idh3b  
Dld  
Urod  
Rars2  
Mapk9  
Egf  
Cpdr  
Acadvl  
Gstz1  
Pex2  
Lpn2  
Aldh3a2  
Slc25a17  
Nagk  
Prdx4  
Mgs13  
Hadh  
Hmgcl  
Eci1  
Sudg1  
Oat  
Pgk1  
Idh1  
Pex13  
Amacr  
Acsl1  
Dars2  
Dars  
Asrg1  
Gls  
Atp8b1  
Niz  
Tnfr2b  
Prt2b  
Lars  
Gul  
Tlr4  
Alic  
Blmh  
Mlap  
Hlbadh  
Epr  
Hacd2  
Insig2  
Nars  
C1qtnf9  
Galc  
Uevld  
Prkaa1  
Acsl4  
Mth2  
Mth2  
Pdgfb  
Pycr2  
Cyp4f13  
Nlkb1  
Pgd  
Mps36  
Erln1  
Cpnd1  
Wars2  
Pex5  
Lyp1a1  
Qars  
Lias  
Cyp39a1  
Pla2g15  
Aldg15  
Adss  
Hpgd  
Ctps2  
Elov1  
Hyal1  
Scepr1  
Dhfr  
P4ha1  
Psp1  
Mapk3  
Pgls  
Csgalnact1  
Myo5a  
Fabp4  
Acst2  
Syk  
Iars  
Sply  
Nupr1  
Ppapr  
Pdpn  
Pdpn  
Hacd1  
Gars  
Akr1a1  
Sirt1  
Hacd4  
Gck  
Ankrd23  
Ggh  
Elov5  
Akr1c14  
Me2  
P2rx7  
Rars  
Dag1  
Dgat1  
Mcf2  
Gnpda1  
Csad  
Aspa  
St6gal1  
Pgls1  
Asah2  
App  
Adipor2  
Acaca  
Pam  
Anxa1  
Slc1a3  
Pla2g4a  
Cyp4v3  
Cyp1b1  
Nox4  
Acot4  
Cyp27a1  
Igf1  
Abcg2  
Adh1  
Dpep1  
Ith5  
Pld2  
Nucb2  
Aldh1a1  
Pkp  
Prkab2  
Cbr4  
Hsd17b4  
Decr2  
Ugdh  
Chst14  
Tnfr4  
Acot3  
Pgls2  
Acsl6  
Gpi1  
Aasdhpt  
Seph2  
Cav1  
Fgtp5  
Gsto1  
Abcd1  
Slc37a4  
Hghl  
Pdhh  
Sars  
Sardh  
Cygfb  
Acot7  
Pdhh  
Gapdh  
Ddh2  
Pgds  
Got2  
Pnk1  
Pkm  
Aosl1  
Dlat  
Pgsm2  
Eno3  
Amthd2  
Tigar  
Got1  
Idh3a  
Lipa  
Aldob  
Hsd2  
Pon3  
Ddo  
Aplp  
Hlhb  
Tpi1  
Hagh  
Dse  
Acad9  
Npc2  
Dlat  
Glud1  
Sudc2  
Gusb  
Park7  
Galk1  
Echdc2  
Acst3  
Hyal2  
Thsm4  
Aars2  
Fars2  
Mpi  
Gpt  
Yars2  
Ptkm  
Sds  
Mars2  
Acad1a  
Acst2  
Lpin1  
Erln2  
Gne  
Mrs2  
Vars2  
Acot  
Aco1  
P4ha2  
Mtor  
Sdhaf3  
Slc25a12  
Eno1  
Pgsm1  
Gpd1  
Aldh5a1  
Cams1  
Cars  
Ncf1  
Fads2  
Tars  
Ddh1  
Aldh18a1  
Slc23a2  
Necr  
Acot11  
Ors1  
Grhpr  
Hfla  
Odc1  
Nos3  
Mxpl  
Ioua  
Mhfr  
Ctco  
Seph1  
Pla  
Ctps  
Zadh2  
Sars2  
Vars  
Foxk1  
Aldh1a2  
Mri  
Tnfrsf1a  
Ogt  
Pck2  
Aars  
Mgs1a  
Acad1a  
Czca1  
Stat3  
Scap  
Zbtb7a  
Prkaa2  
St3gal1  
Sirt2  
Ero1  
Cp11  
Nr1d1  
Prkaq2  
Hk1  
Foxk2  
Tgfb1  
Pld1  
Bckd4  
Slc27a4  
Egln3  
mjdb  
Kit  
Sirt6  
Egln2  
Gnpda2  
Ppat