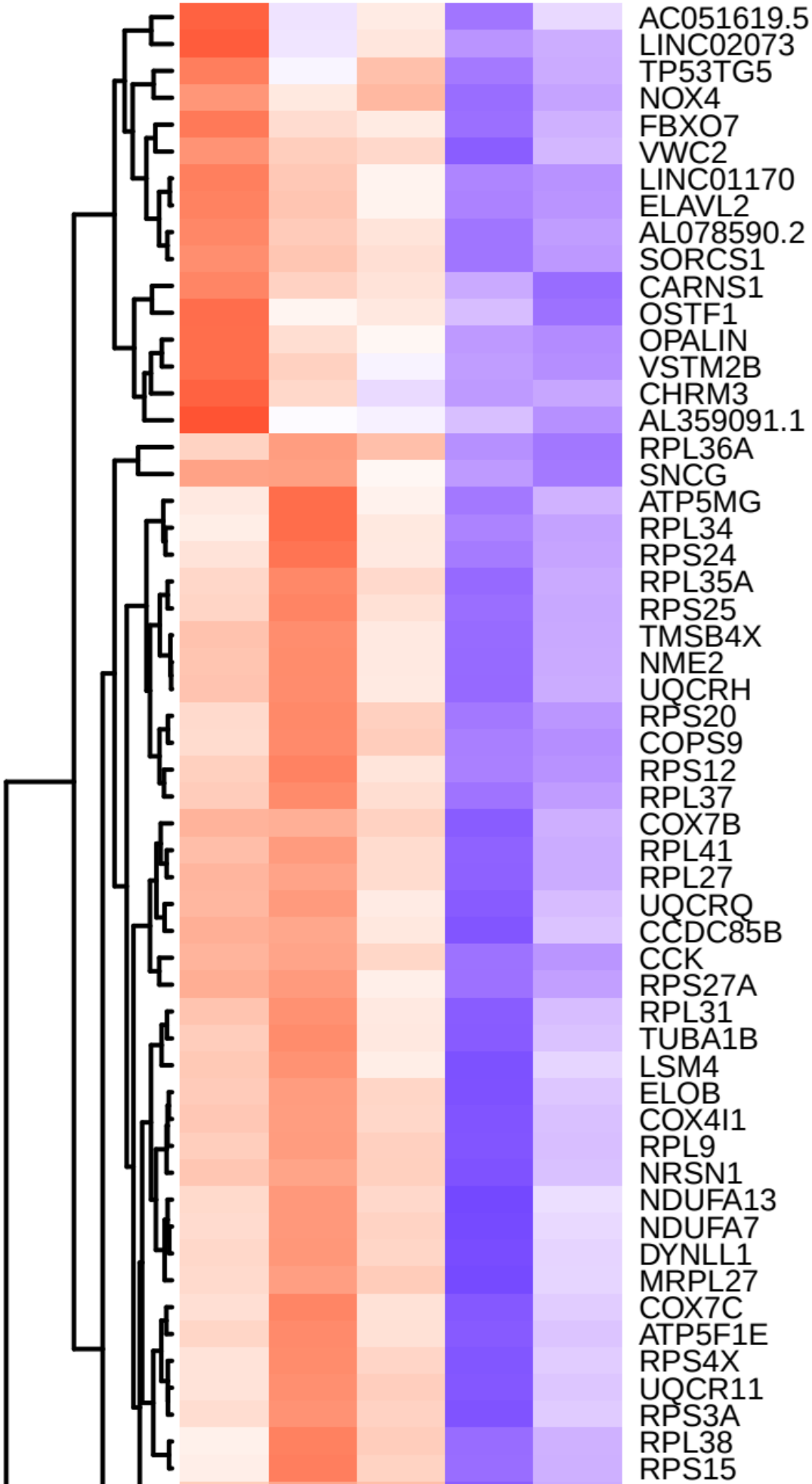
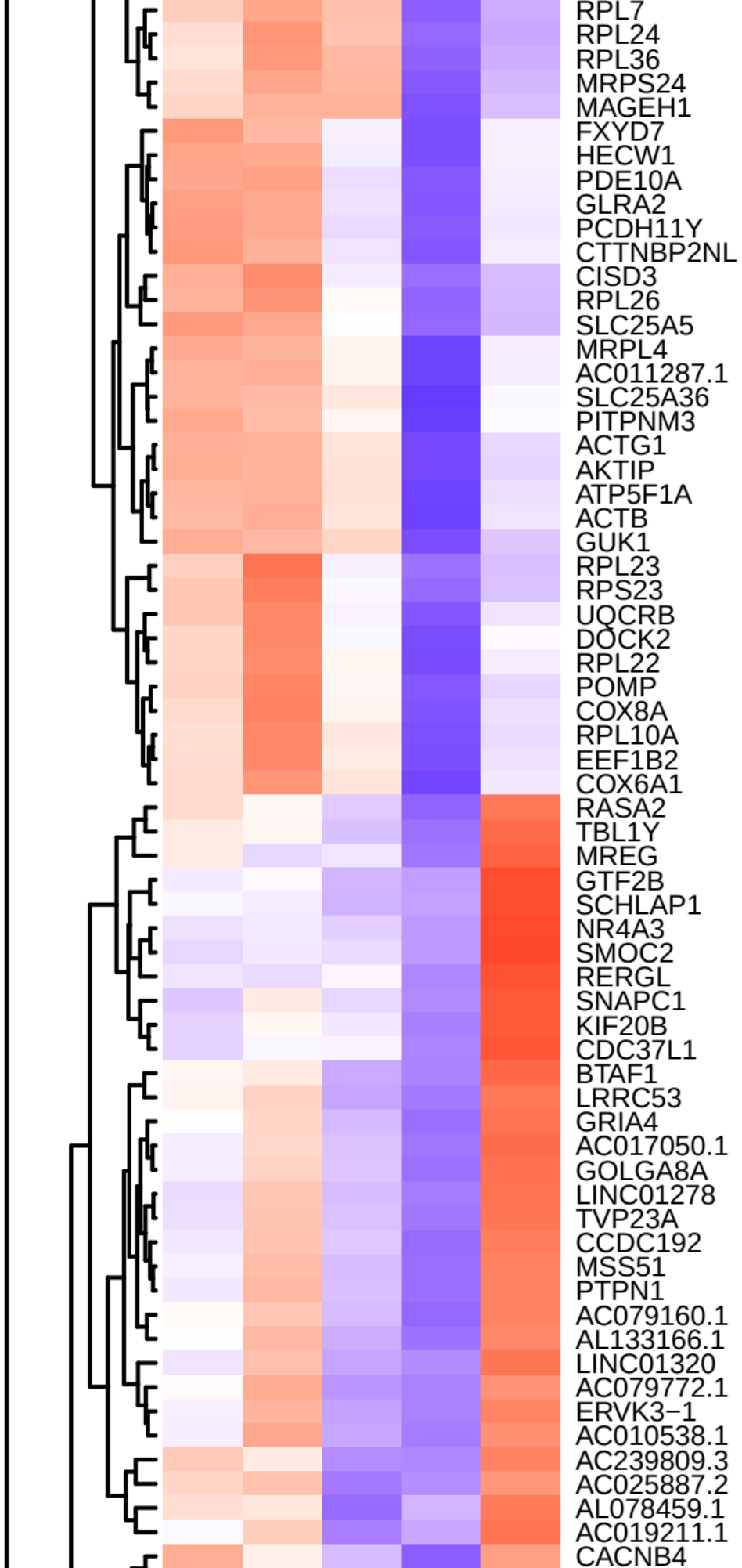
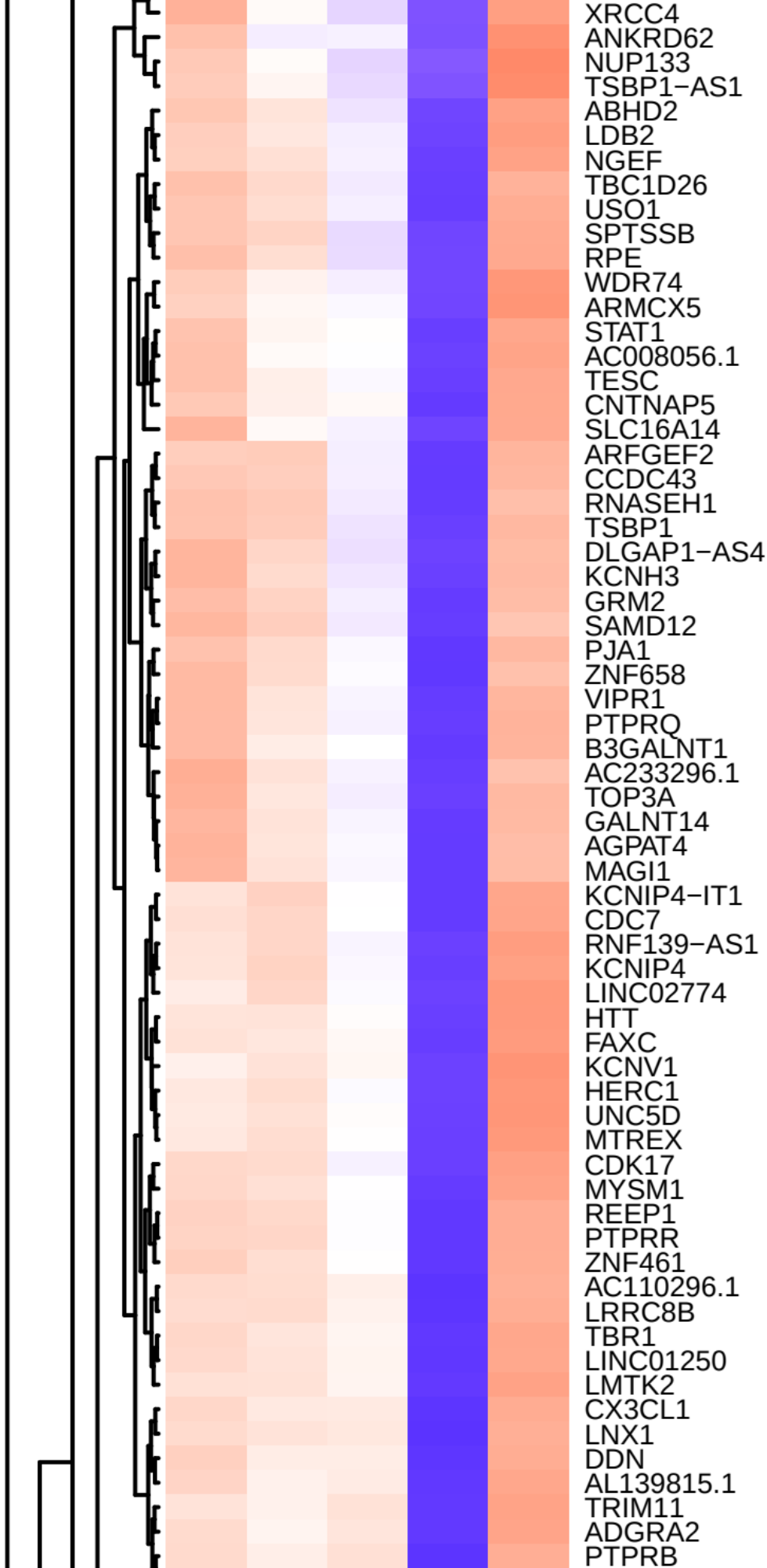
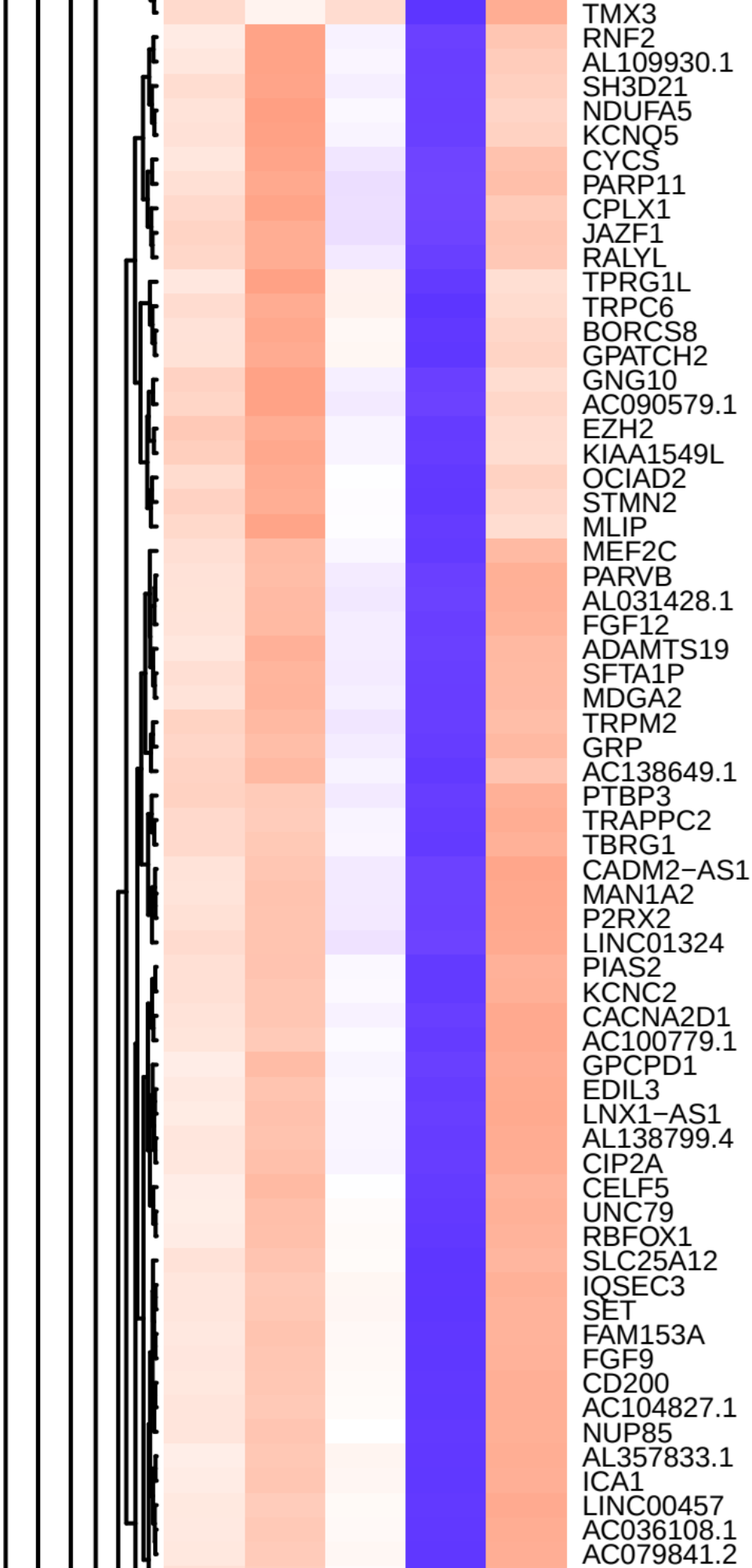
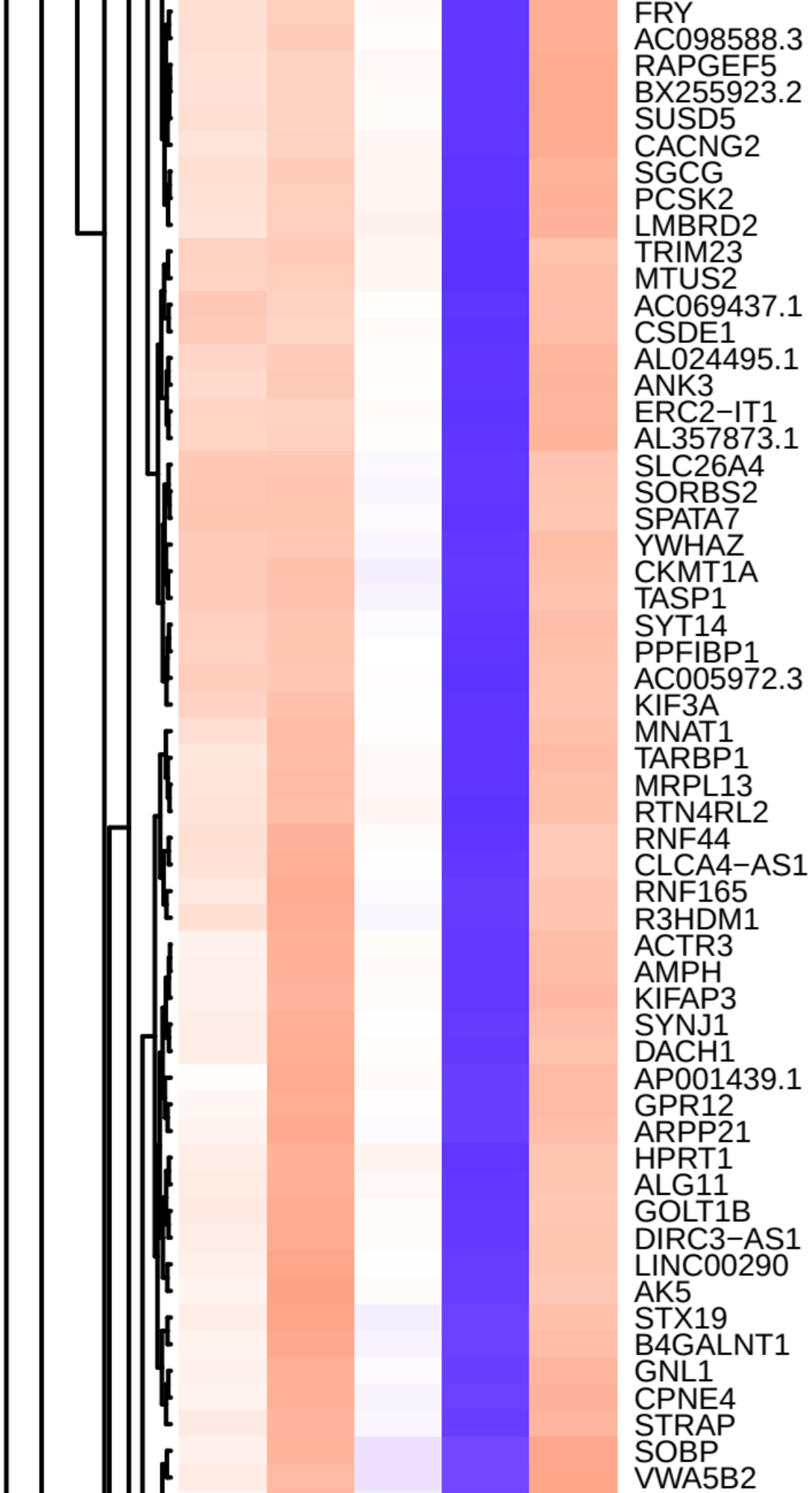
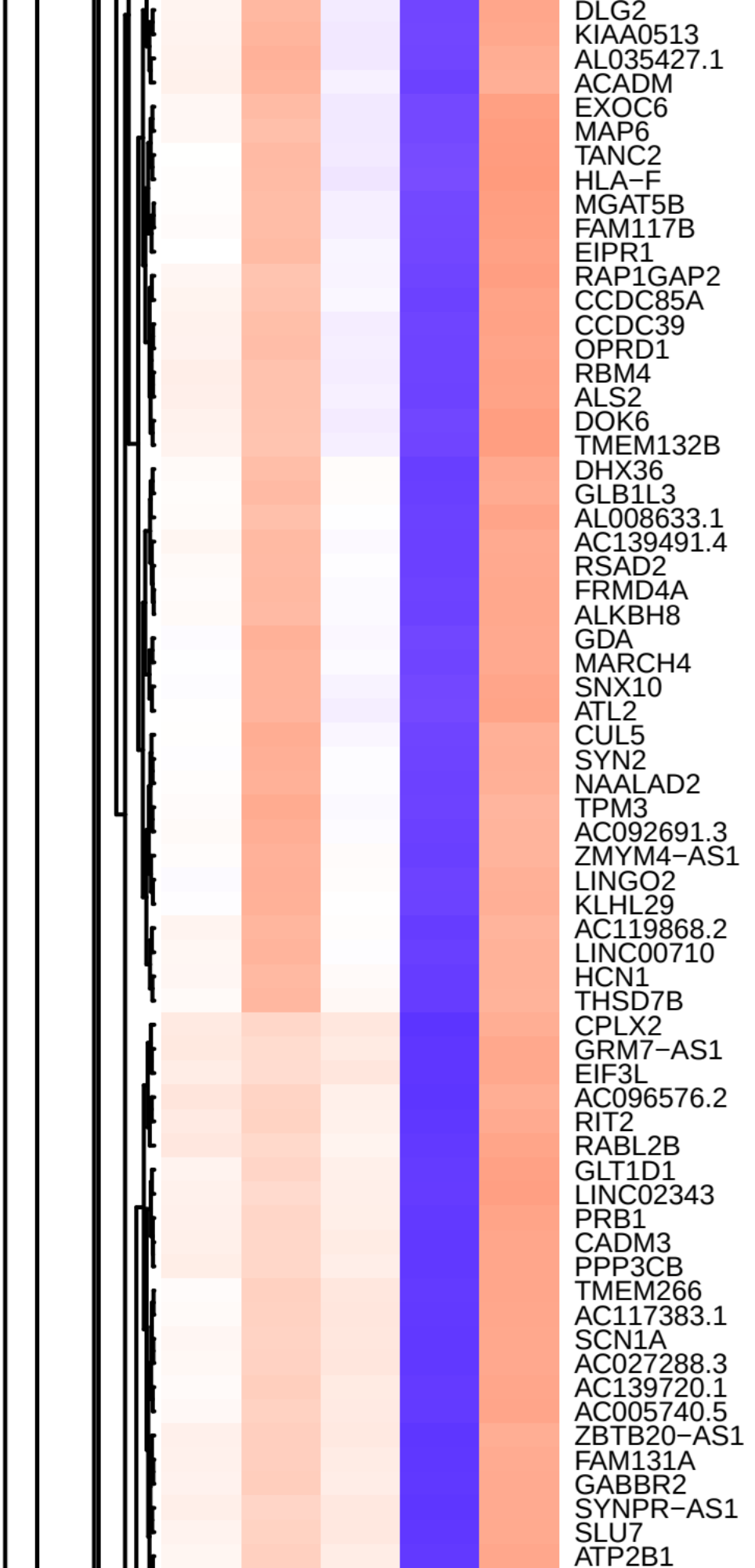

AC051619.5
LINC02073
TP53TG5
NOX4
FBXO7
VWC2
LINC01170
ELAVL2
AL078590.2
SORCS1
CARNS1
OSTF1
OPALIN
VSTM2B
CHRM3
AL359091.1
RPL36A
SNCG
ATP5MG
RPL34
RPS24
RPL35A
RPS25
TMSB4X
NME2
UQCRH
RPS20
COPS9
RPS12
RPL37
COX7B
RPL41
RPL27
UQCRQ
CCDC85B
CCK
RPS27A
RPL31
TUBA1B
LSM4
ELOB
COX4I1
RPL9
NRSN1
NDUFA13
NDUFA7
DYNLL1
MRPL27
COX7C
ATP5F1E
RPS4X
UQCR11
RPS3A
RPL38
RPS15

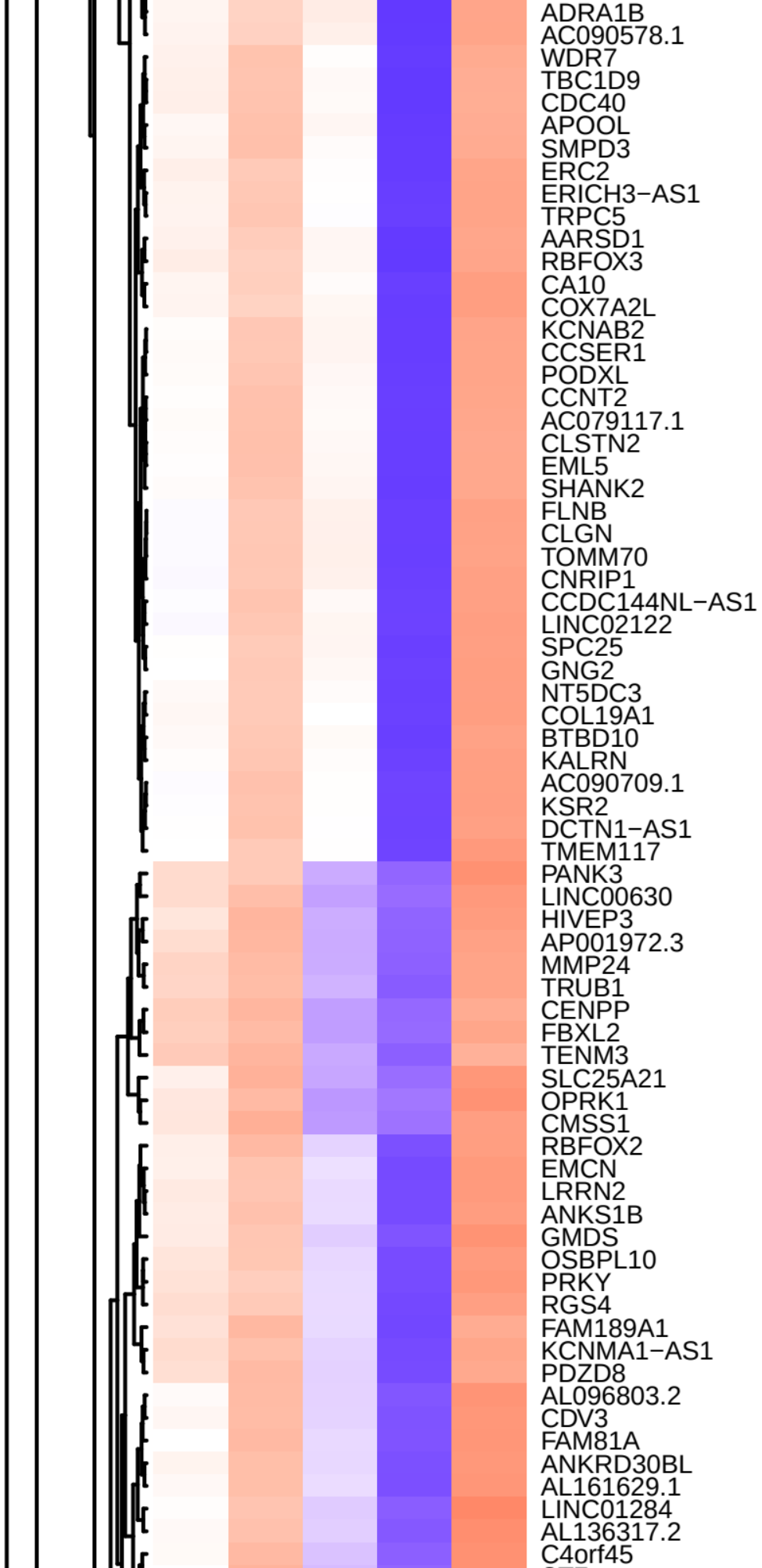

RPL7
RPL24
RPL36
MRPS24
MAGEH1
FXYD7
HECW1
PDE10A
GLRA2
PCDH11Y
CTTNBP2NL
CISD3
RPL26
SLC25A5
MRPL4
AC011287.1
SLC25A36
PITPNM3
ACTG1
AKTIP
ATP5F1A
ACTB
GUK1
RPL23
RPS23
UQCRB
DOCK2
RPL22
POMP
COX8A
RPL10A
EEF1B2
COX6A1
RASA2
TBL1Y
MREG
GTF2B
SCHLAP1
NR4A3
SMOC2
RERGL
SNAPC1
KIF20B
CDC37L1
BTAF1
LRRC53
GRIA4
AC017050.1
GOLGA8A
LINC01278
TVP23A
CCDC192
MSS51
PTPN1
AC079160.1
AL133166.1
LINC01320
AC079772.1
ERVK3−1
AC010538.1
AC239809.3
AC025887.2
AL078459.1
AC019211.1
CACNB4

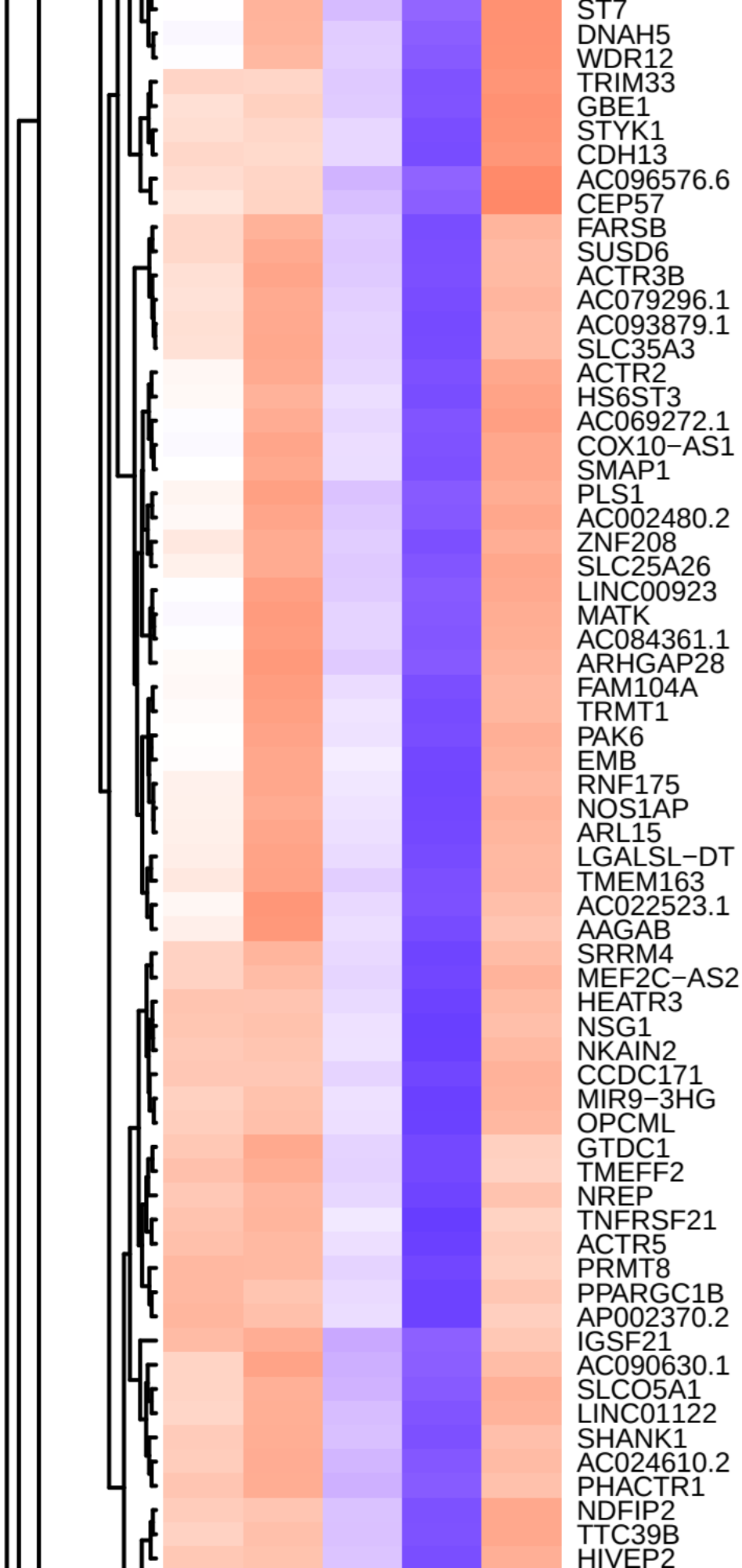

XRCC4
ANKRD62
NUP133
TSBP1−AS1
ABHD2
LDB2
NGEF
TBC1D26
USO1
SPTSSB
RPE
WDR74
ARMCX5
STAT1
AC008056.1
TESC
CNTNAP5
SLC16A14
ARFGEF2
CCDC43
RNASEH1
TSBP1
DLGAP1−AS4
KCNH3
GRM2
SAMD12
PJA1
ZNF658
VIPR1
PTPRQ
B3GALNT1
AC233296.1
TOP3A
GALNT14
AGPAT4
MAGI1
KCNIP4−IT1
CDC7
RNF139−AS1
KCNIP4
LINC02774
HTT
FAXC
KCNV1
HERC1
UNC5D
MTREX
CDK17
MYSM1
REEP1
PTPRR
ZNF461
AC110296.1
LRRC8B
TBR1
LINC01250
LMTK2
CX3CL1
LNX1
DDN
AL139815.1
TRIM11
ADGRA2
PTPRB

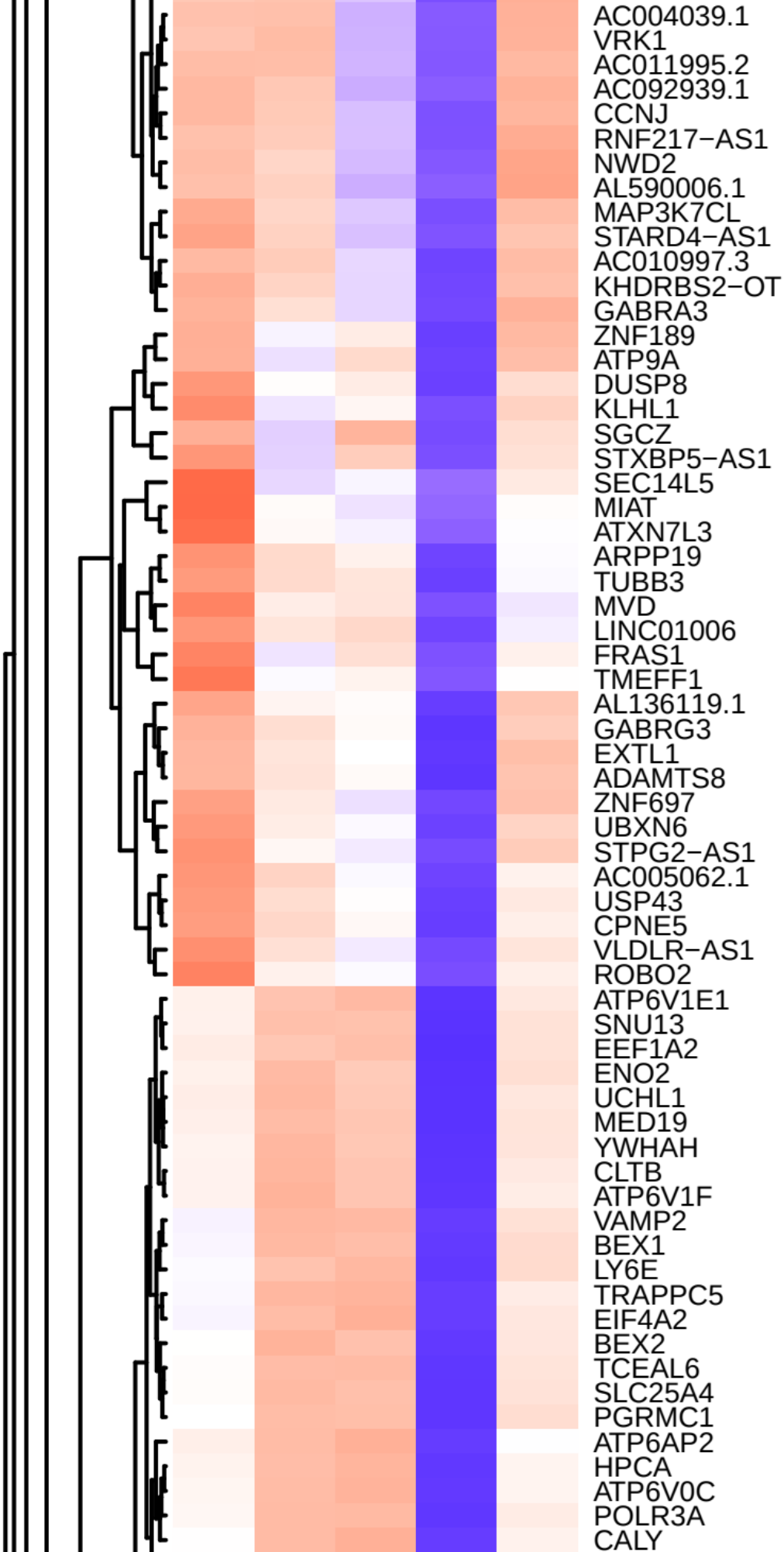

TMX3
RNF2
AL109930.1
SH3D21
NDUFA5
KCNQ5
CYCS
PARP11
CPLX1
JAZF1
RALYL
TPRG1L
TRPC6
BORCS8
GPATCH2
GNG10
AC090579.1
EZH2
KIAA1549L
OCIAD2
STMN2
MLIP
MEF2C
PARVB
AL031428.1
FGF12
ADAMTS19
SFTA1P
MDGA2
TRPM2
GRP
AC138649.1
PTBP3
TRAPPC2
TBRG1
CADM2−AS1
MAN1A2
P2RX2
LINC01324
PIAS2
KCNC2
CACNA2D1
AC100779.1
GPCPD1
EDIL3
LNX1−AS1
AL138799.4
CIP2A
CELF5
UNC79
RBFOX1
SLC25A12
IQSEC3
SET
FAM153A
FGF9
CD200
AC104827.1
NUP85
AL357833.1
ICA1
LINC00457
AC036108.1
AC079841.2

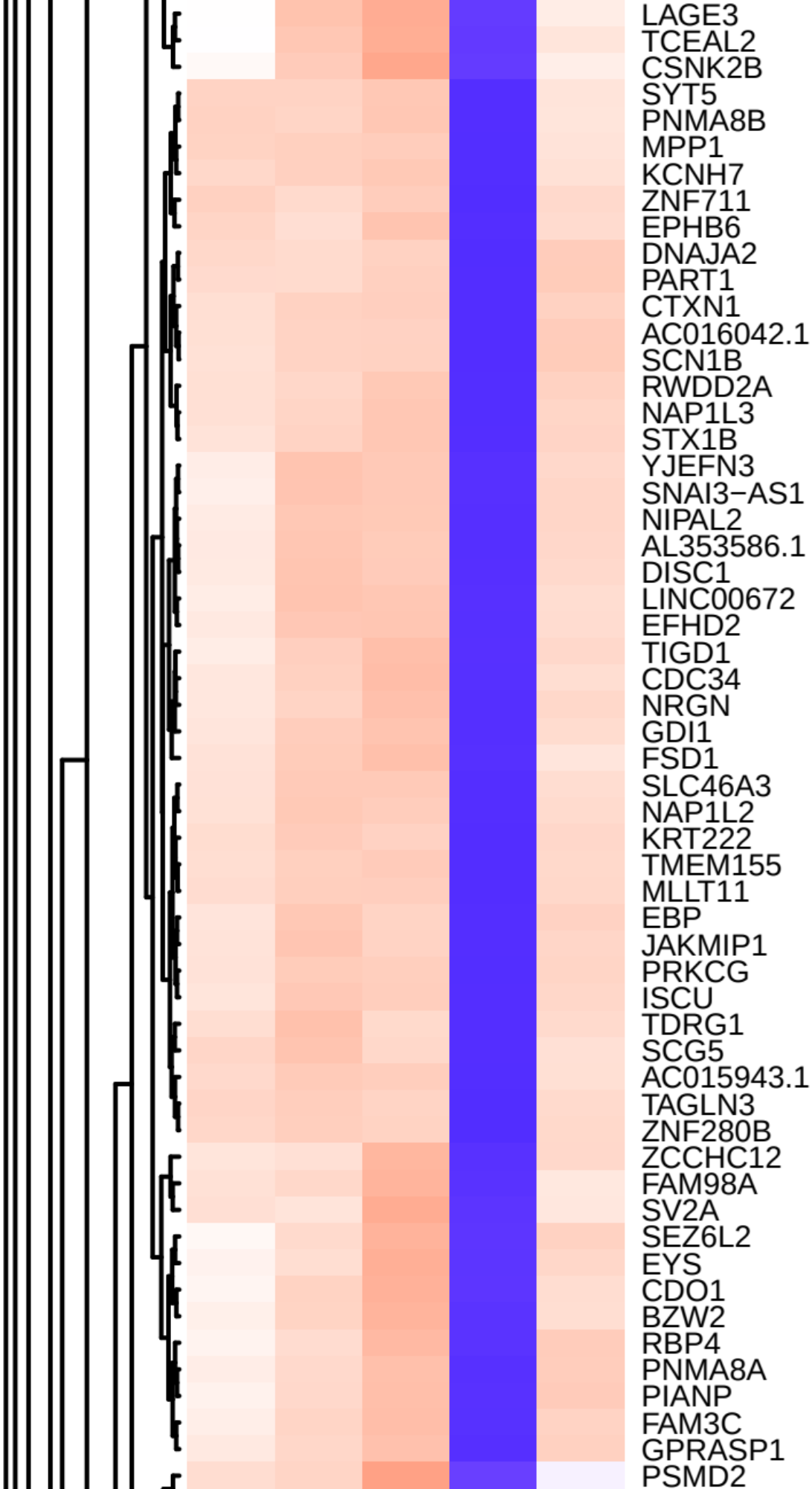

FRY
AC098588.3
RAPGEF5
BX255923.2
SUSD5
CACNG2
SGCG
PCSK2
LMBRD2
TRIM23
MTUS2
AC069437.1
CSDE1
AL024495.1
ANK3
ERC2−IT1
AL357873.1
SLC26A4
SORBS2
SPATA7
YWHAZ
CKMT1A
TASP1
SYT14
PPFIBP1
AC005972.3
KIF3A
MNAT1
TARBP1
MRPL13
RTN4RL2
RNF44
CLCA4−AS1
RNF165
R3HDM1
ACTR3
AMPH
KIFAP3
SYNJ1
DACH1
AP001439.1
GPR12
ARPP21
HPRT1
ALG11
GOLT1B
DIRC3−AS1
LINC00290
AK5
STX19
B4GALNT1
GNL1
CPNE4
STRAP
SOBP
VWA5B2

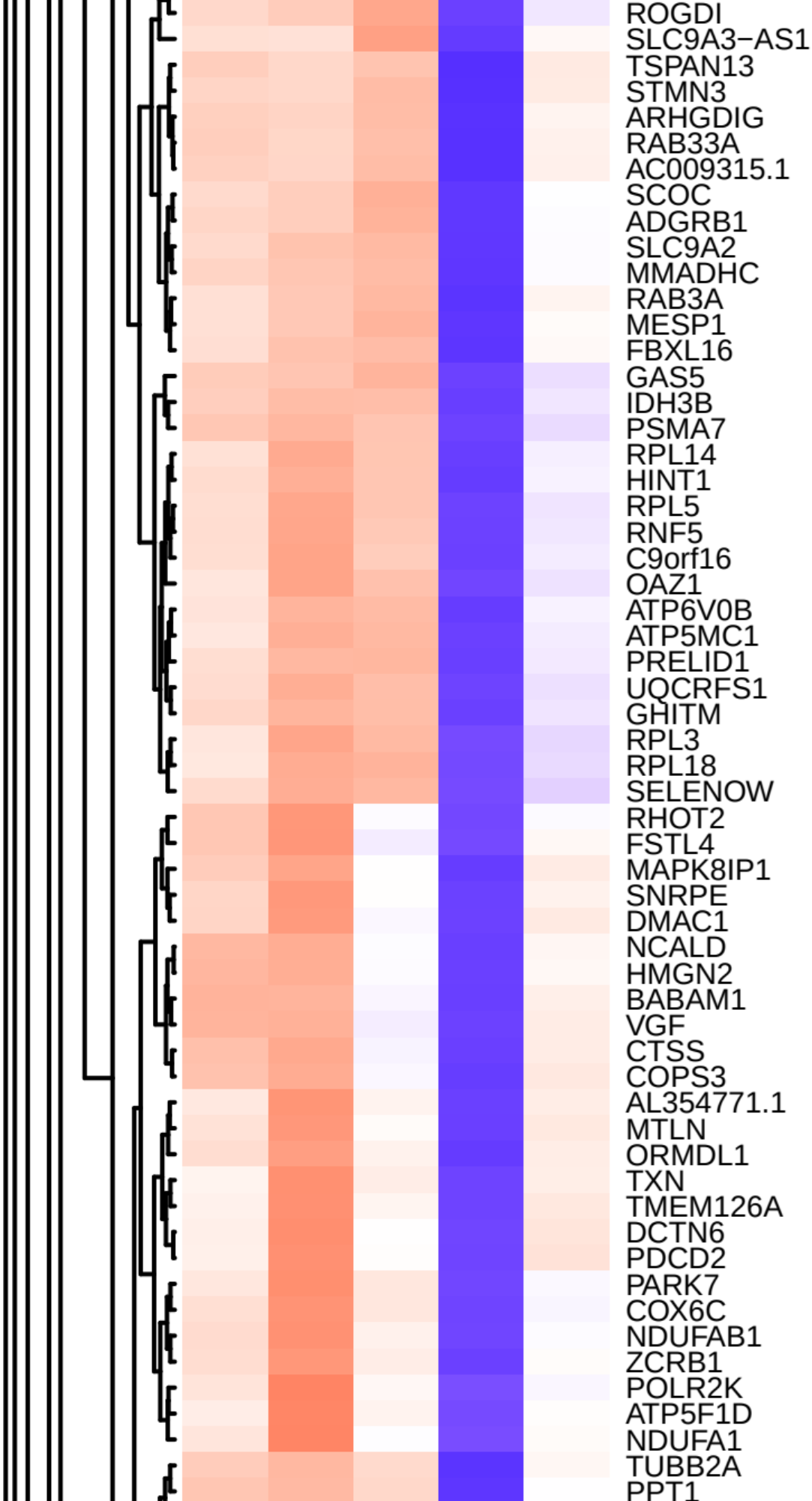

DLG2
KIAA0513
AL035427.1
ACADM
EXOC6
MAP6
TANC2
HLA−F
MGAT5B
FAM117B
EIPR1
RAP1GAP2
CCDC85A
CCDC39
OPRD1
RBM4
ALS2
DOK6
TMEM132B
DHX36
GLB1L3
AL008633.1
AC139491.4
RSAD2
FRMD4A
ALKBH8
GDA
MARCH4
SNX10
ATL2
CUL5
SYN2
NAALAD2
TPM3
AC092691.3
ZMYM4−AS1
LINGO2
KLHL29
AC119868.2
LINC00710
HCN1
THSD7B
CPLX2
GRM7−AS1
EIF3L
AC096576.2
RIT2
RABL2B
GLT1D1
LINC02343
PRB1
CADM3
PPP3CB
TMEM266
AC117383.1
SCN1A
AC027288.3
AC139720.1
AC005740.5
ZBTB20−AS1
FAM131A
GABBR2
SYNPR−AS1
SLU7
ATP2B1

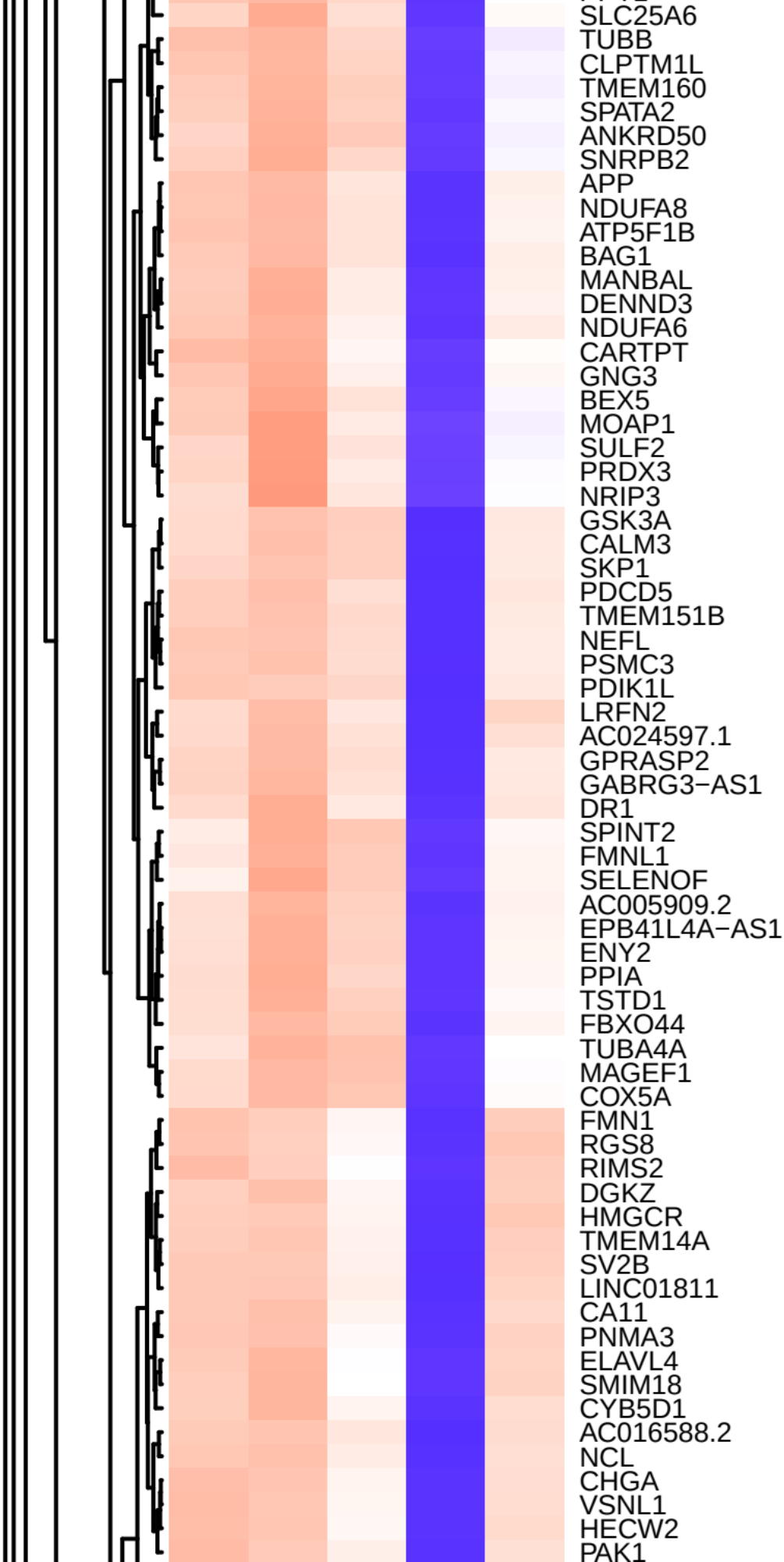

ADRA1B
AC090578.1
WDR7
TBC1D9
CDC40
APOOL
SMPD3
ERC2
ERICH3−AS1
TRPC5
AARSD1
RBFOX3
CA10
COX7A2L
KCNAB2
CCSER1
PODXL
CCNT2
AC079117.1
CLSTN2
EML5
SHANK2
FLNB
CLGN
TOMM70
CNRIP1
CCDC144NL−AS1
LINC02122
SPC25
GNG2
NT5DC3
COL19A1
BTBD10
KALRN
AC090709.1
KSR2
DCTN1−AS1
TMEM117
PANK3
LINC00630
HIVEP3
AP001972.3
MMP24
TRUB1
CENPP
FBXL2
TENM3
SLC25A21
OPRK1
CMSS1
RBFOX2
EMCN
LRRN2
ANKS1B
GMDS
OSBPL10
PRKY
RGS4
FAM189A1
KCNMA1−AS1
PDZD8
AL096803.2
CDV3
FAM81A
ANKRD30BL
AL161629.1
LINC01284
AL136317.2
C4orf45

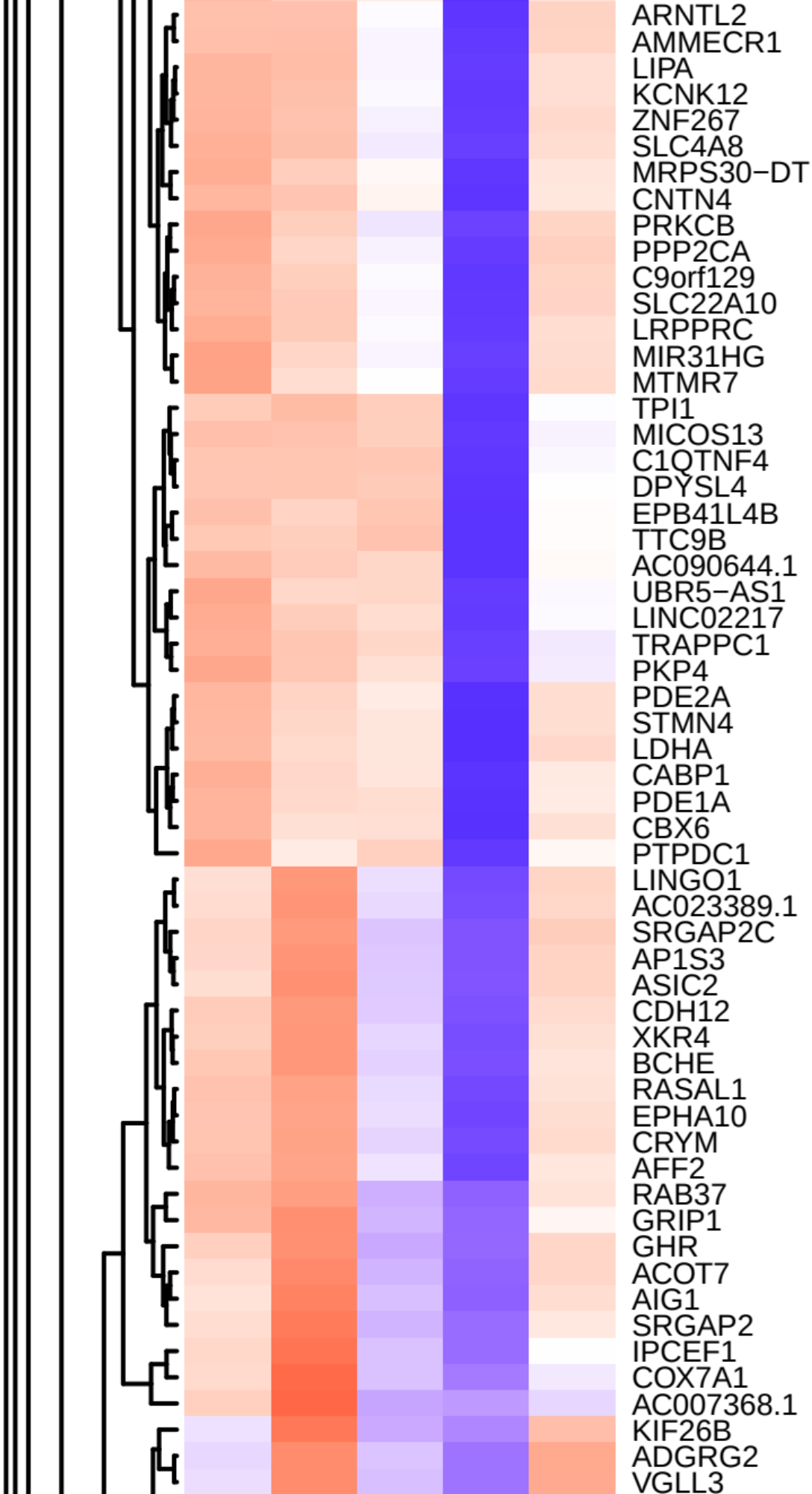

ST7
DNAH5
WDR12
TRIM33
GBE1
STYK1
CDH13
AC096576.6
CEP57
FARSB
SUSD6
ACTR3B
AC079296.1
AC093879.1
SLC35A3
ACTR2
HS6ST3
AC069272.1
COX10−AS1
SMAP1
PLS1
AC002480.2
ZNF208
SLC25A26
LINC00923
MATK
AC084361.1
ARHGAP28
FAM104A
TRMT1
PAK6
EMB
RNF175
NOS1AP
ARL15
LGALSL−DT
TMEM163
AC022523.1
AAGAB
SRRM4
MEF2C−AS2
HEATR3
NSG1
NKAIN2
CCDC171
MIR9−3HG
OPCML
GTDC1
TMEFF2
NREP
TNFRSF21
ACTR5
PRMT8
PPARGC1B
AP002370.2
IGSF21
AC090630.1
SLCO5A1
LINC01122
SHANK1
AC024610.2
PHACTR1
NDFIP2
TTC39B
HIVEP2

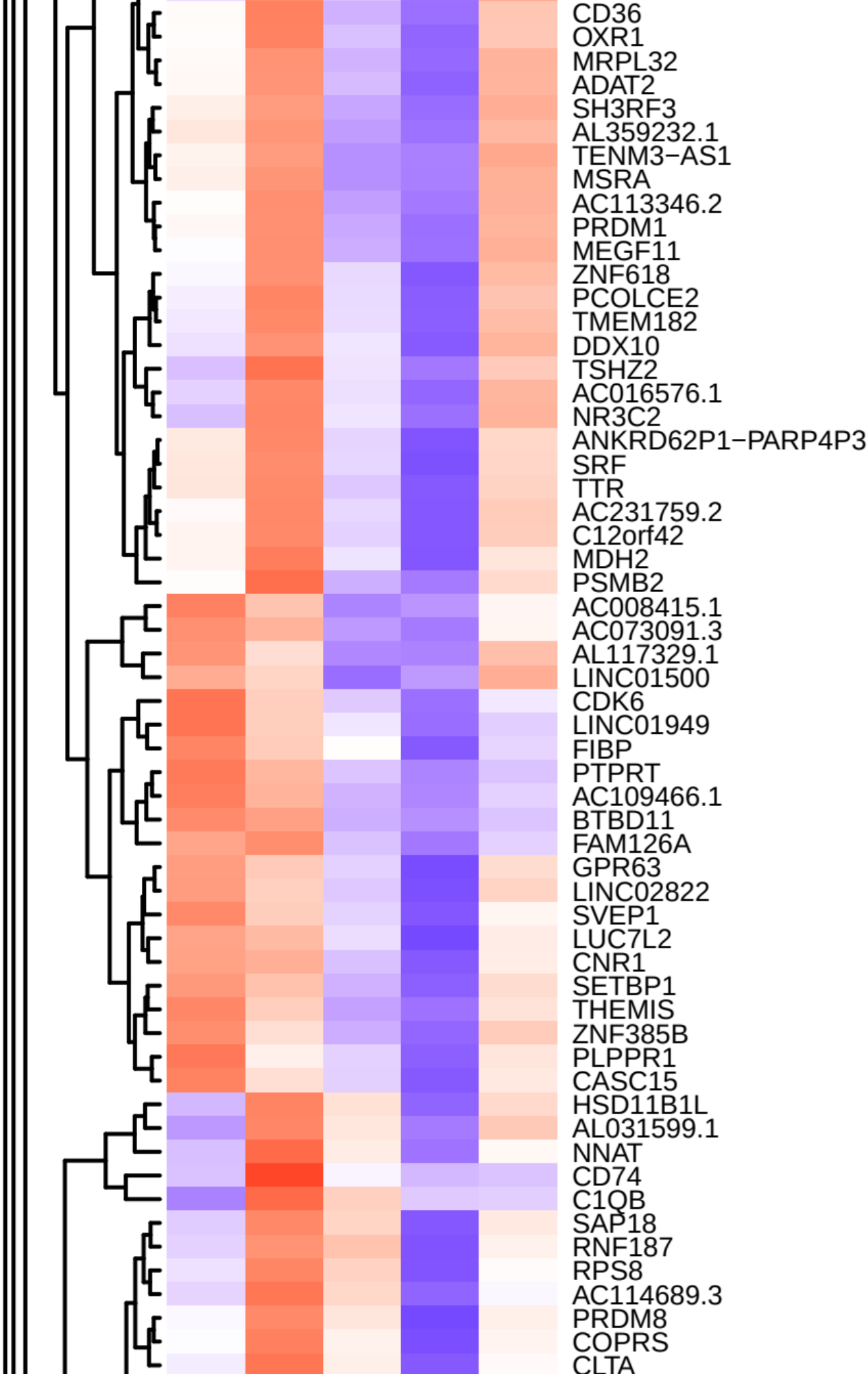

AC004039.1
VRK1
AC011995.2
AC092939.1
CCNJ
RNF217−AS1
NWD2
AL590006.1
MAP3K7CL
STARD4−AS1
AC010997.3
KHDRBS2−OT
GABRA3
ZNF189
ATP9A
DUSP8
KLHL1
SGCZ
STXBP5−AS1
SEC14L5
MIAT
ATXN7L3
ARPP19
TUBB3
MVD
LINC01006
FRAS1
TMEFF1
AL136119.1
GABRG3
EXTL1
ADAMTS8
ZNF697
UBXN6
STPG2−AS1
AC005062.1
USP43
CPNE5
VLDLR−AS1
ROBO2
ATP6V1E1
SNU13
EEF1A2
ENO2
UCHL1
MED19
YWHAH
CLTB
ATP6V1F
VAMP2
BEX1
LY6E
TRAPPC5
EIF4A2
BEX2
TCEAL6
SLC25A4
PGRMC1
ATP6AP2
HPCA
ATP6V0C
POLR3A
CALY

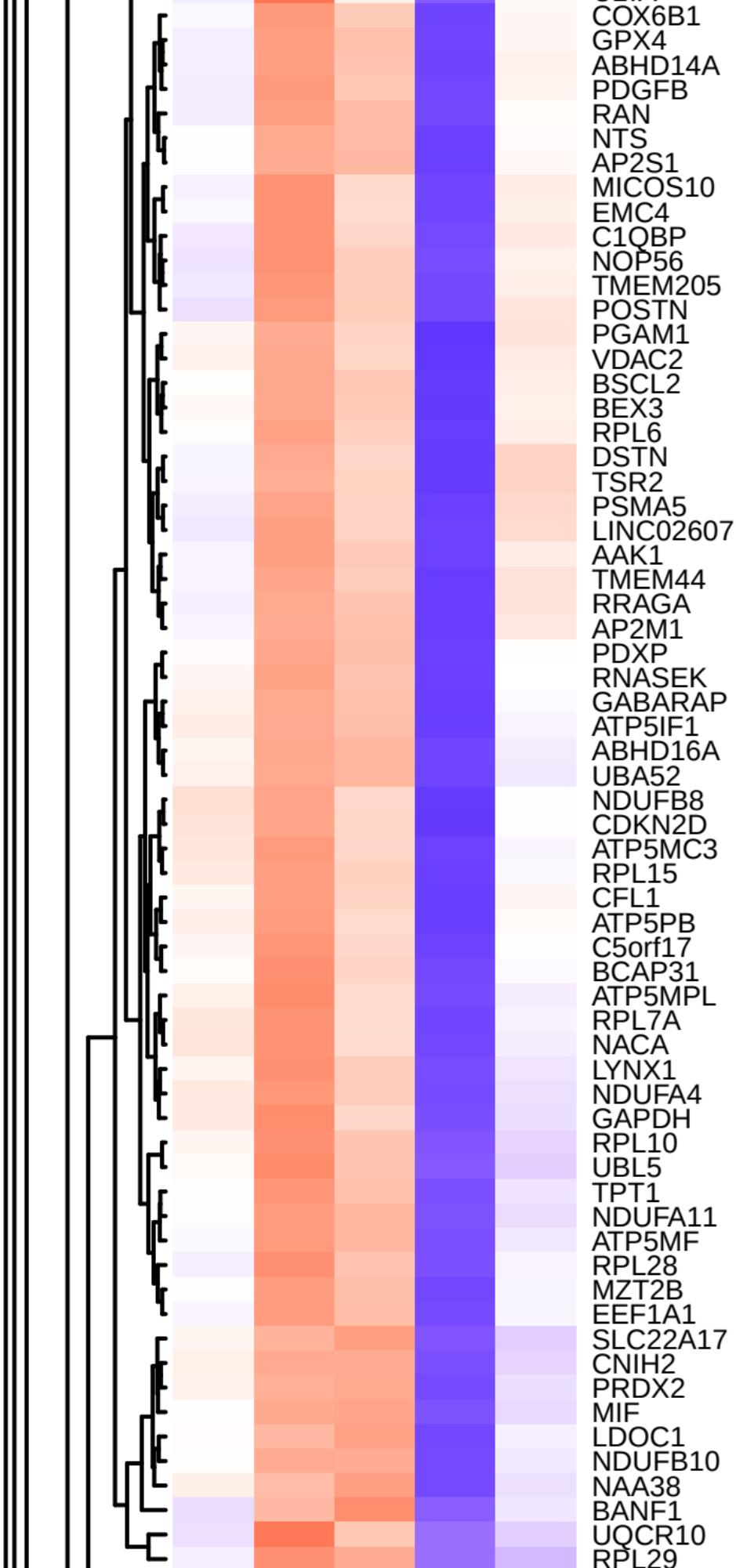

LAGE3
TCEAL2
CSNK2B
SYT5
PNMA8B
MPP1
KCNH7
ZNF711
EPHB6
DNAJA2
PART1
CTXN1
AC016042.1
SCN1B
RWDD2A
NAP1L3
STX1B
YJEFN3
SNAI3−AS1
NIPAL2
AL353586.1
DISC1
LINC00672
EFHD2
TIGD1
CDC34
NRGN
GDI1
FSD1
SLC46A3
NAP1L2
KRT222
TMEM155
MLLT11
EBP
JAKMIP1
PRKCG
ISCU
TDRG1
SCG5
AC015943.1
TAGLN3
ZNF280B
ZCCHC12
FAM98A
SV2A
SEZ6L2
EYS
CDO1
BZW2
RBP4
PNMA8A
PIANP
FAM3C
GPRASP1
PSMD2

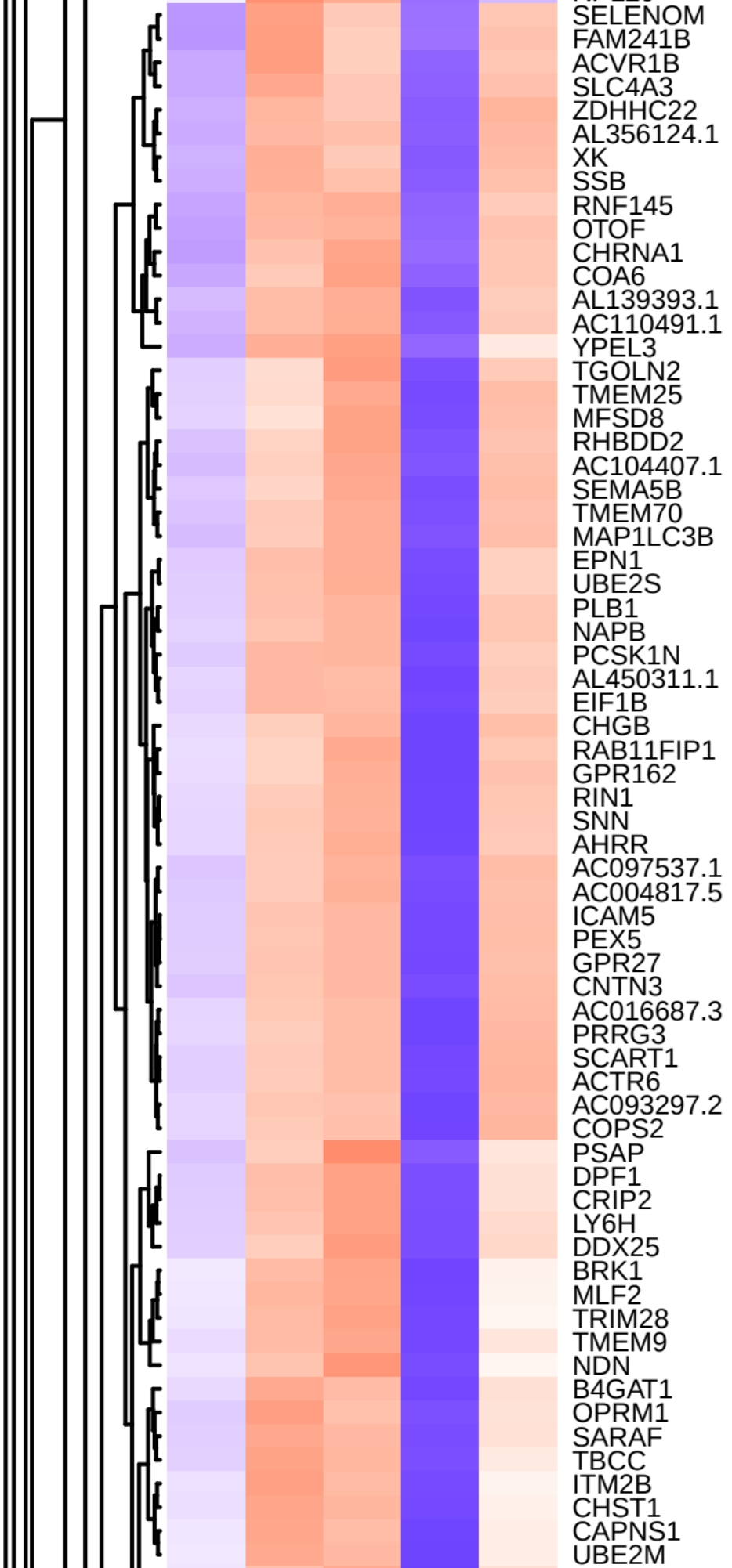

ROGDI
SLC9A3−AS1
TSPAN13
STMN3
ARHGDIG
RAB33A
AC009315.1
SCOC
ADGRB1
SLC9A2
MMADHC
RAB3A
MESP1
FBXL16
GAS5
IDH3B
PSMA7
RPL14
HINT1
RPL5
RNF5
C9orf16
OAZ1
ATP6V0B
ATP5MC1
PRELID1
UQCRFS1
GHITM
RPL3
RPL18
SELENOW
RHOT2
FSTL4
MAPK8IP1
SNRPE
DMAC1
NCALD
HMGN2
BABAM1
VGF
CTSS
COPS3
AL354771.1
MTLN
ORMDL1
TXN
TMEM126A
DCTN6
PDCD2
PARK7
COX6C
NDUFAB1
ZCRB1
POLR2K
ATP5F1D
NDUFA1
TUBB2A
PPT1

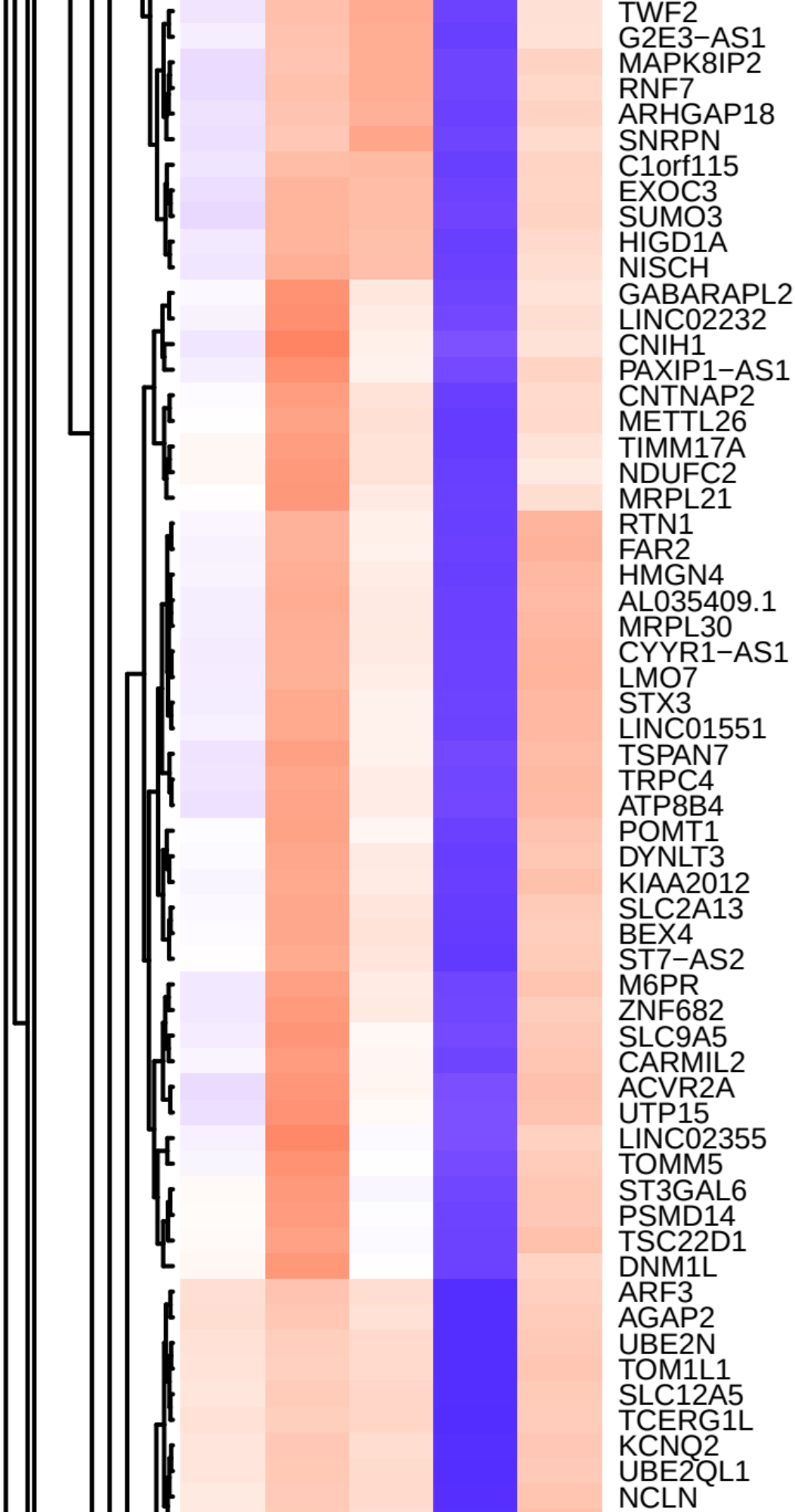

SLC25A6
TUBB
CLPTM1L
TMEM160
SPATA2
ANKRD50
SNRPB2
APP
NDUFA8
ATP5F1B
BAG1
MANBAL
DENND3
NDUFA6
CARTPT
GNG3
BEX5
MOAP1
SULF2
PRDX3
NRIP3
GSK3A
CALM3
SKP1
PDCD5
TMEM151B
NEFL
PSMC3
PDIK1L
LRFN2
AC024597.1
GPRASP2
GABRG3−AS1
DR1
SPINT2
FMNL1
SELENOF
AC005909.2
EPB41L4A−AS1
ENY2
PPIA
TSTD1
FBXO44
TUBA4A
MAGEF1
COX5A
FMN1
RGS8
RIMS2
DGKZ
HMGCR
TMEM14A
SV2B
LINC01811
CA11
PNMA3
ELAVL4
SMIM18
CYB5D1
AC016588.2
NCL
CHGA
VSNL1
HECW2
PAK1

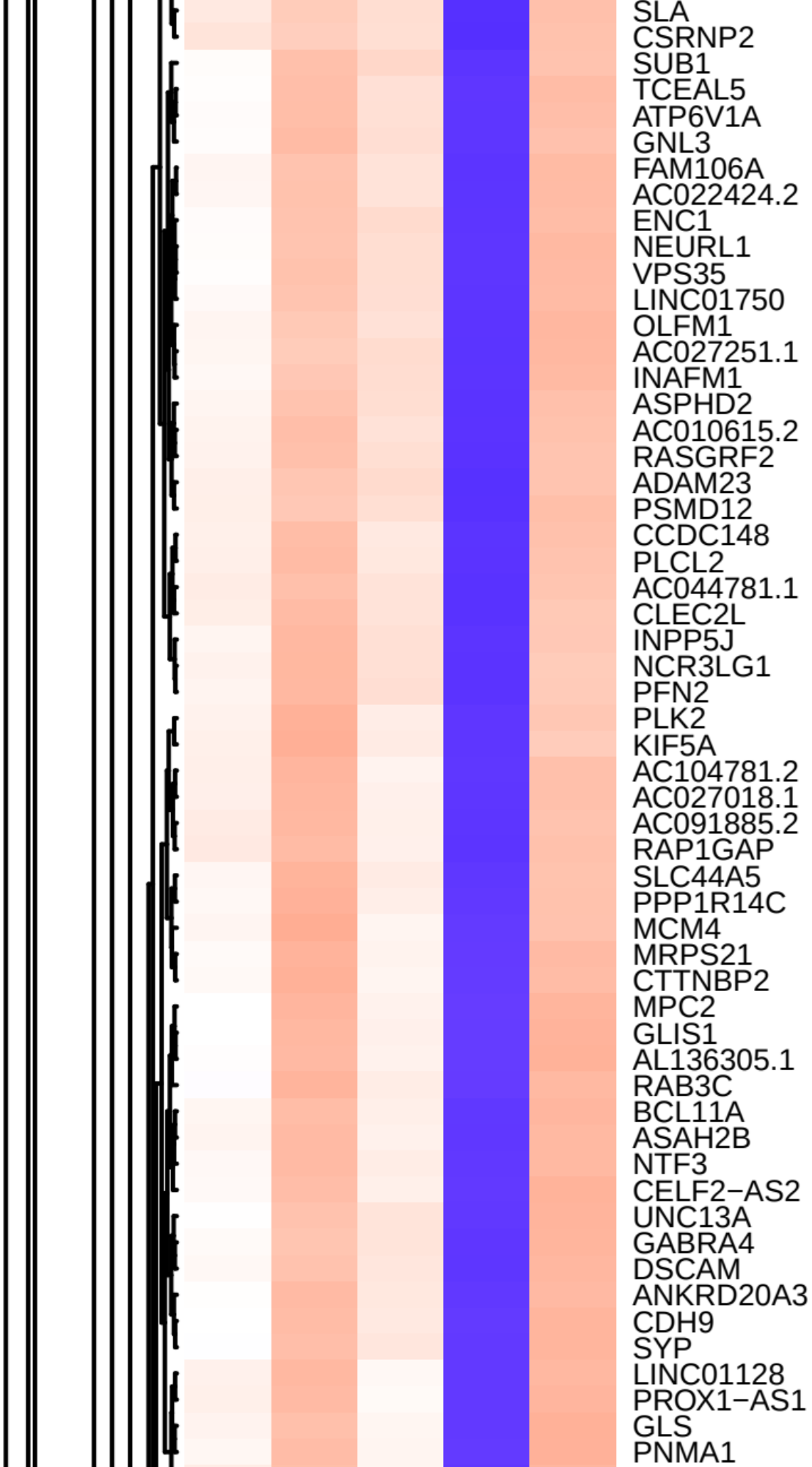

ARNTL2
AMMECR1
LIPA
KCNK12
ZNF267
SLC4A8
MRPS30−DT
CNTN4
PRKCB
PPP2CA
C9orf129
SLC22A10
LRPPRC
MIR31HG
MTMR7
TPI1
MICOS13
C1QTNF4
DPYSL4
EPB41L4B
TTC9B
AC090644.1
UBR5−AS1
LINC02217
TRAPPC1
PKP4
PDE2A
STMN4
LDHA
CABP1
PDE1A
CBX6
PTPDC1
LINGO1
AC023389.1
SRGAP2C
AP1S3
ASIC2
CDH12
XKR4
BCHE
RASAL1
EPHA10
CRYM
AFF2
RAB37
GRIP1
GHR
ACOT7
AIG1
SRGAP2
IPCEF1
COX7A1
AC007368.1
KIF26B
ADGRG2
VGLL3

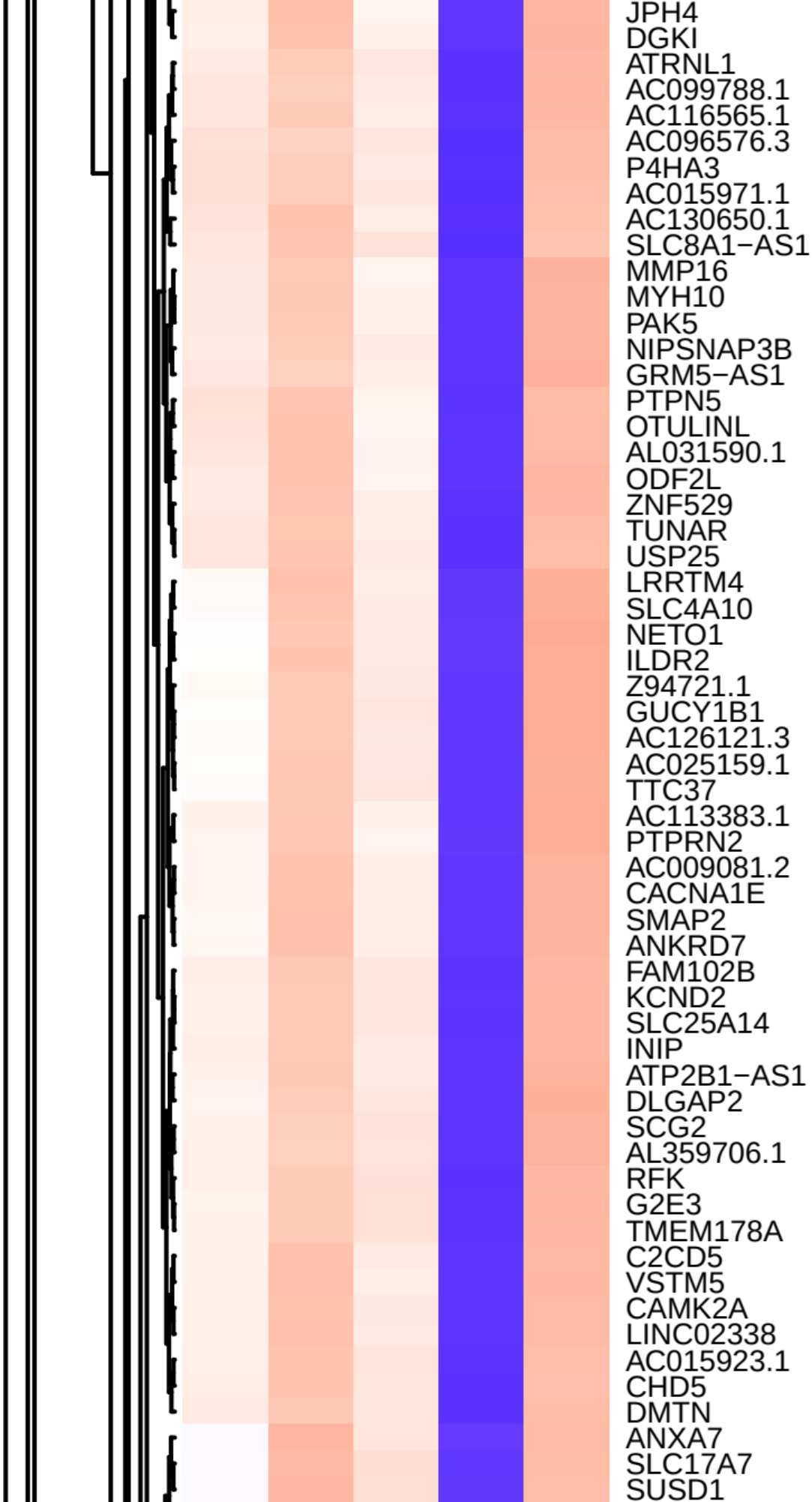

CD36
OXR1
MRPL32
ADAT2
SH3RF3
AL359232.1
TENM3−AS1
MSRA
AC113346.2
PRDM1
MEGF11
ZNF618
PCOLCE2
TMEM182
DDX10
TSHZ2
AC016576.1
NR3C2
ANKRD62P1−PARP4P3
SRF
TTR
AC231759.2
C12orf42
MDH2
PSMB2
AC008415.1
AC073091.3
AL117329.1
LINC01500
CDK6
LINC01949
FIBP
PTPRT
AC109466.1
BTBD11
FAM126A
GPR63
LINC02822
SVEP1
LUC7L2
CNR1
SETBP1
THEMIS
ZNF385B
PLPPR1
CASC15
HSD11B1L
AL031599.1
NNAT
CD74
C1QB
SAP18
RNF187
RPS8
AC114689.3
PRDM8
COPRS
CLTA

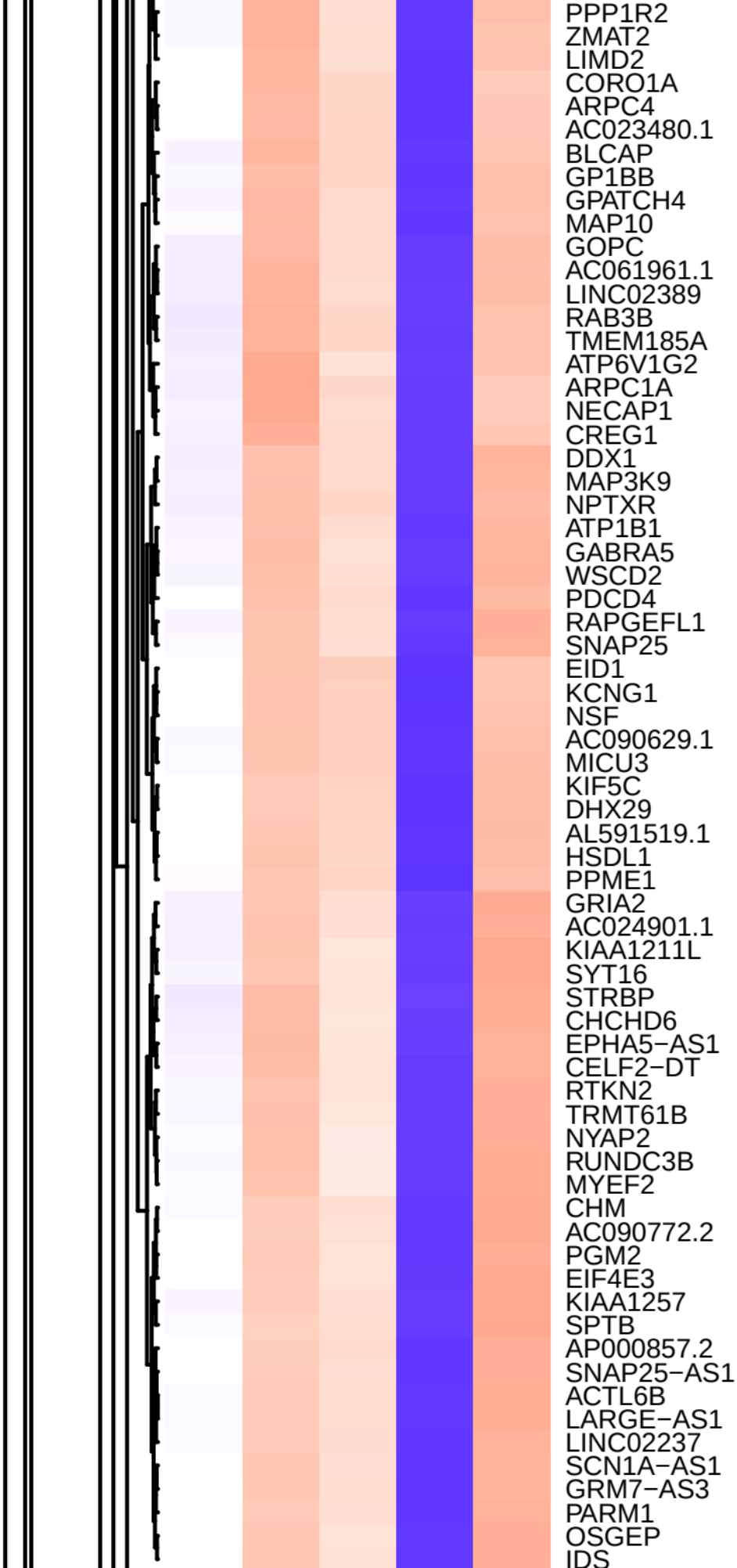

COX6B1
GPX4
ABHD14A
PDGFB
RAN
NTS
AP2S1
MICOS10
EMC4
C1QBP
NOP56
TMEM205
POSTN
PGAM1
VDAC2
BSCL2
BEX3
RPL6
DSTN
TSR2
PSMA5
LINC02607
AAK1
TMEM44
RRAGA
AP2M1
PDXP
RNASEK
GABARAP
ATP5IF1
ABHD16A
UBA52
NDUFB8
CDKN2D
ATP5MC3
RPL15
CFL1
ATP5PB
C5orf17
BCAP31
ATP5MPL
RPL7A
NACA
LYNX1
NDUFA4
GAPDH
RPL10
UBL5
TPT1
NDUFA11
ATP5MF
RPL28
MZT2B
EEF1A1
SLC22A17
CNIH2
PRDX2
MIF
LDOC1
NDUFB10
NAA38
BANF1
UQCR10
RPL29

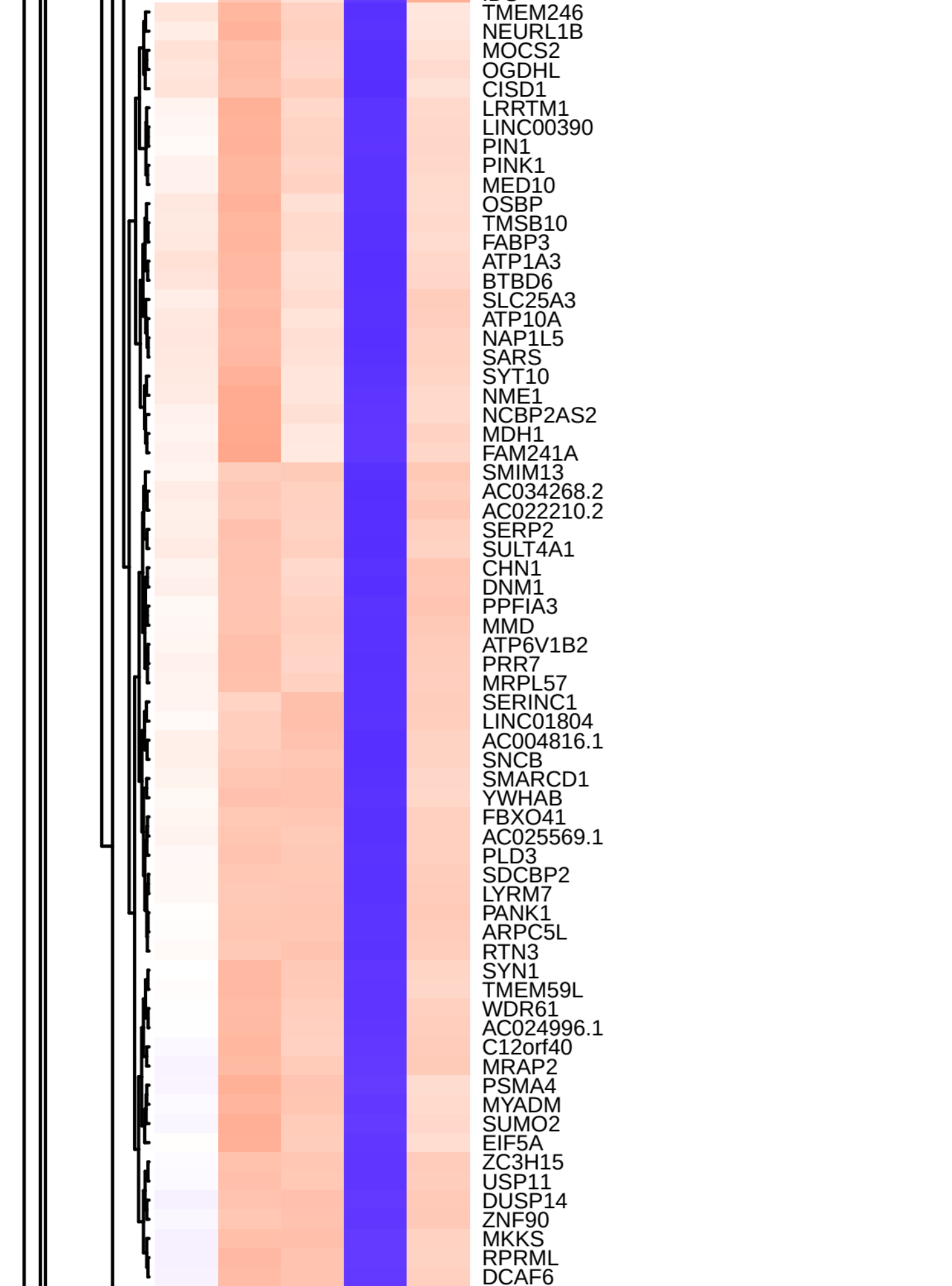

SELENOM
FAM241B
ACVR1B
SLC4A3
ZDHHC22
AL356124.1
XK
SSB
RNF145
OTOF
CHRNA1
COA6
AL139393.1
AC110491.1
YPEL3
TGOLN2
TMEM25
MFSD8
RHBDD2
AC104407.1
SEMA5B
TMEM70
MAP1LC3B
EPN1
UBE2S
PLB1
NAPB
PCSK1N
AL450311.1
EIF1B
CHGB
RAB11FIP1
GPR162
RIN1
SNN
AHRR
AC097537.1
AC004817.5
ICAM5
PEX5
GPR27
CNTN3
AC016687.3
PRRG3
SCART1
ACTR6
AC093297.2
COPS2
PSAP
DPF1
CRIP2
LY6H
DDX25
BRK1
MLF2
TRIM28
TMEM9
NDN
B4GAT1
OPRM1
SARAF
TBCC
ITM2B
CHST1
CAPNS1
UBE2M

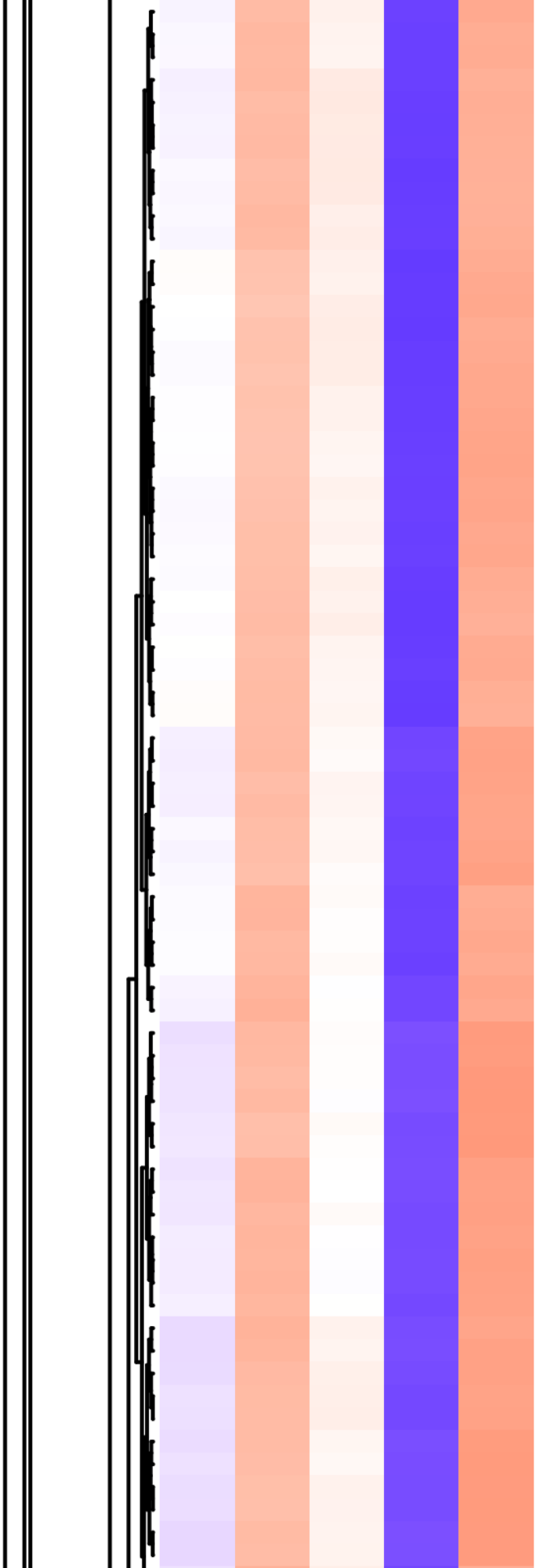

TWF2
G2E3−AS1
MAPK8IP2
RNF7
ARHGAP18
SNRPN
C1orf115
EXOC3
SUMO3
HIGD1A
NISCH
GABARAPL2
LINC02232
CNIH1
PAXIP1−AS1
CNTNAP2
METTL26
TIMM17A
NDUFC2
MRPL21
RTN1
FAR2
HMGN4
AL035409.1
MRPL30
CYYR1−AS1
LMO7
STX3
LINC01551
TSPAN7
TRPC4
ATP8B4
POMT1
DYNLT3
KIAA2012
SLC2A13
BEX4
ST7−AS2
M6PR
ZNF682
SLC9A5
CARMIL2
ACVR2A
UTP15
LINC02355
TOMM5
ST3GAL6
PSMD14
TSC22D1
DNM1L
ARF3
AGAP2
UBE2N
TOM1L1
SLC12A5
TCERG1L
KCNQ2
UBE2QL1
NCLN

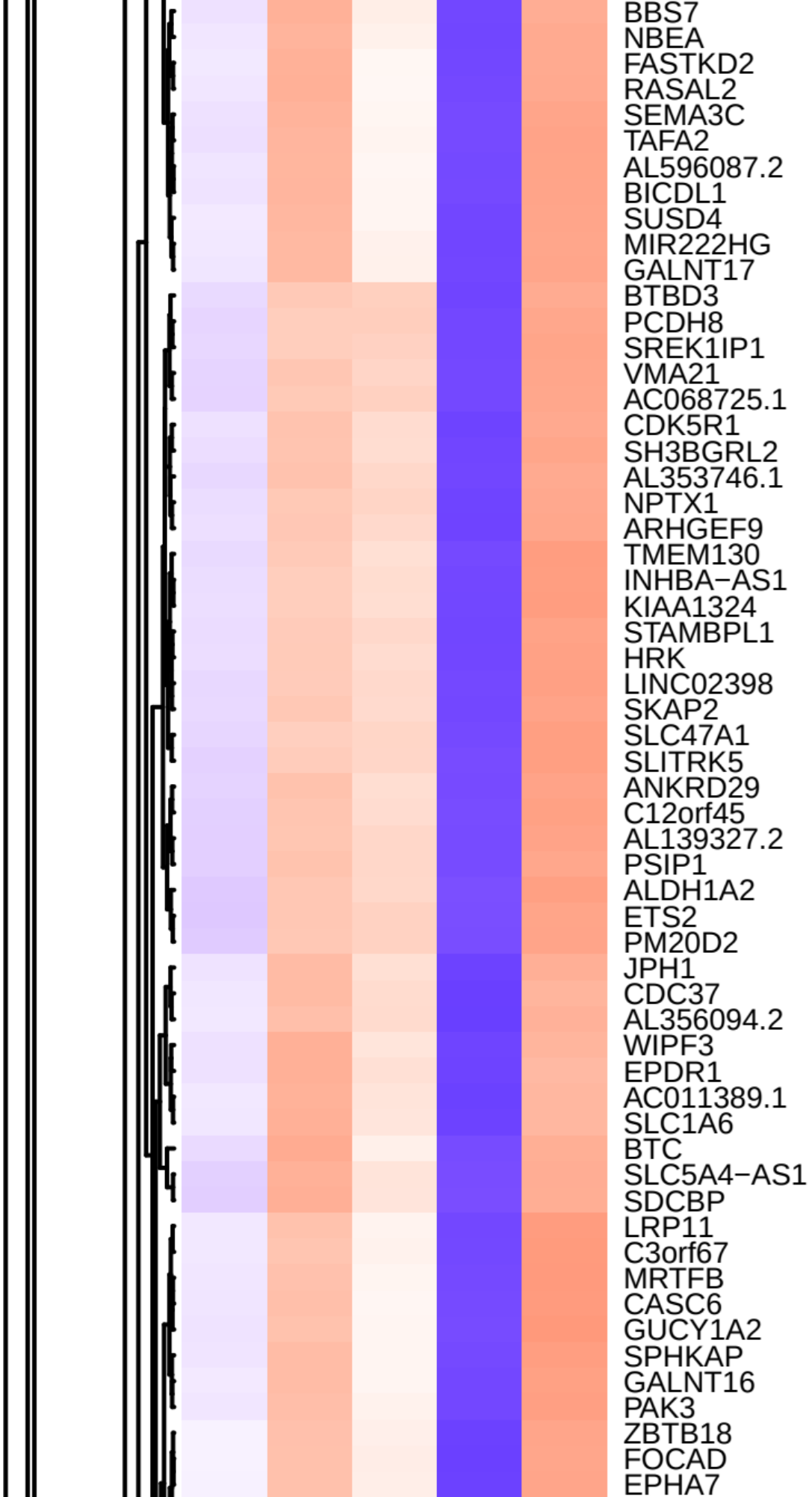

SLA
CSRNP2
SUB1
TCEAL5
ATP6V1A
GNL3
FAM106A
AC022424.2
ENC1
NEURL1
VPS35
LINC01750
OLFM1
AC027251.1
INAFM1
ASPHD2
AC010615.2
RASGRF2
ADAM23
PSMD12
CCDC148
PLCL2
AC044781.1
CLEC2L
INPP5J
NCR3LG1
PFN2
PLK2
KIF5A
AC104781.2
AC027018.1
AC091885.2
RAP1GAP
SLC44A5
PPP1R14C
MCM4
MRPS21
CTTNBP2
MPC2
GLIS1
AL136305.1
RAB3C
BCL11A
ASAH2B
NTF3
CELF2−AS2
UNC13A
GABRA4
DSCAM
ANKRD20A3
CDH9
SYP
LINC01128
PROX1−AS1
GLS
PNMA1

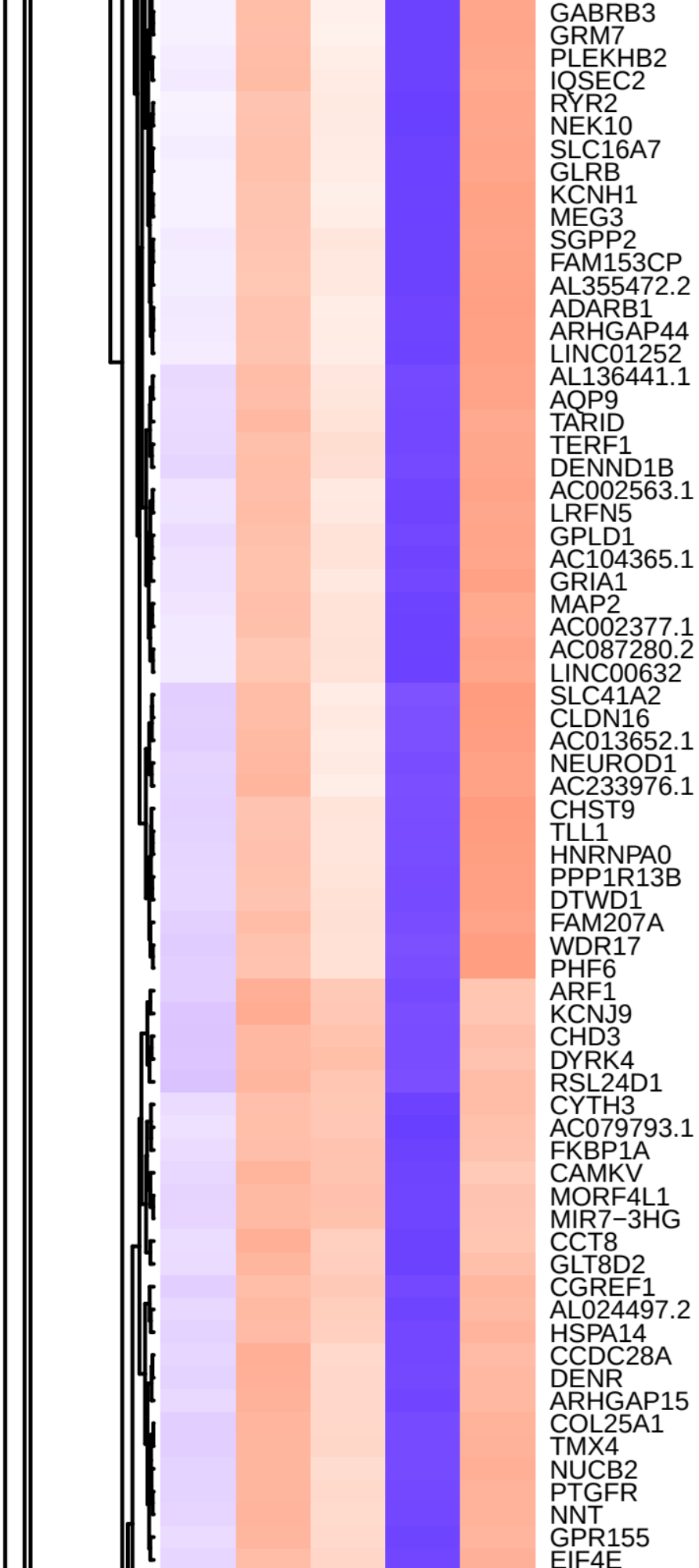

JPH4
DGKI
ATRNL1
AC099788.1
AC116565.1
AC096576.3
P4HA3
AC015971.1
AC130650.1
SLC8A1−AS1
MMP16
MYH10
PAK5
NIPSNAP3B
GRM5−AS1
PTPN5
OTULINL
AL031590.1
ODF2L
ZNF529
TUNAR
USP25
LRRTM4
SLC4A10
NETO1
ILDR2
Z94721.1
GUCY1B1
AC126121.3
AC025159.1
TTC37
AC113383.1
PTPRN2
AC009081.2
CACNA1E
SMAP2
ANKRD7
FAM102B
KCND2
SLC25A14
INIP
ATP2B1−AS1
DLGAP2
SCG2
AL359706.1
RFK
G2E3
TMEM178A
C2CD5
VSTM5
CAMK2A
LINC02338
AC015923.1
CHD5
DMTN
ANXA7
SLC17A7
SUSD1

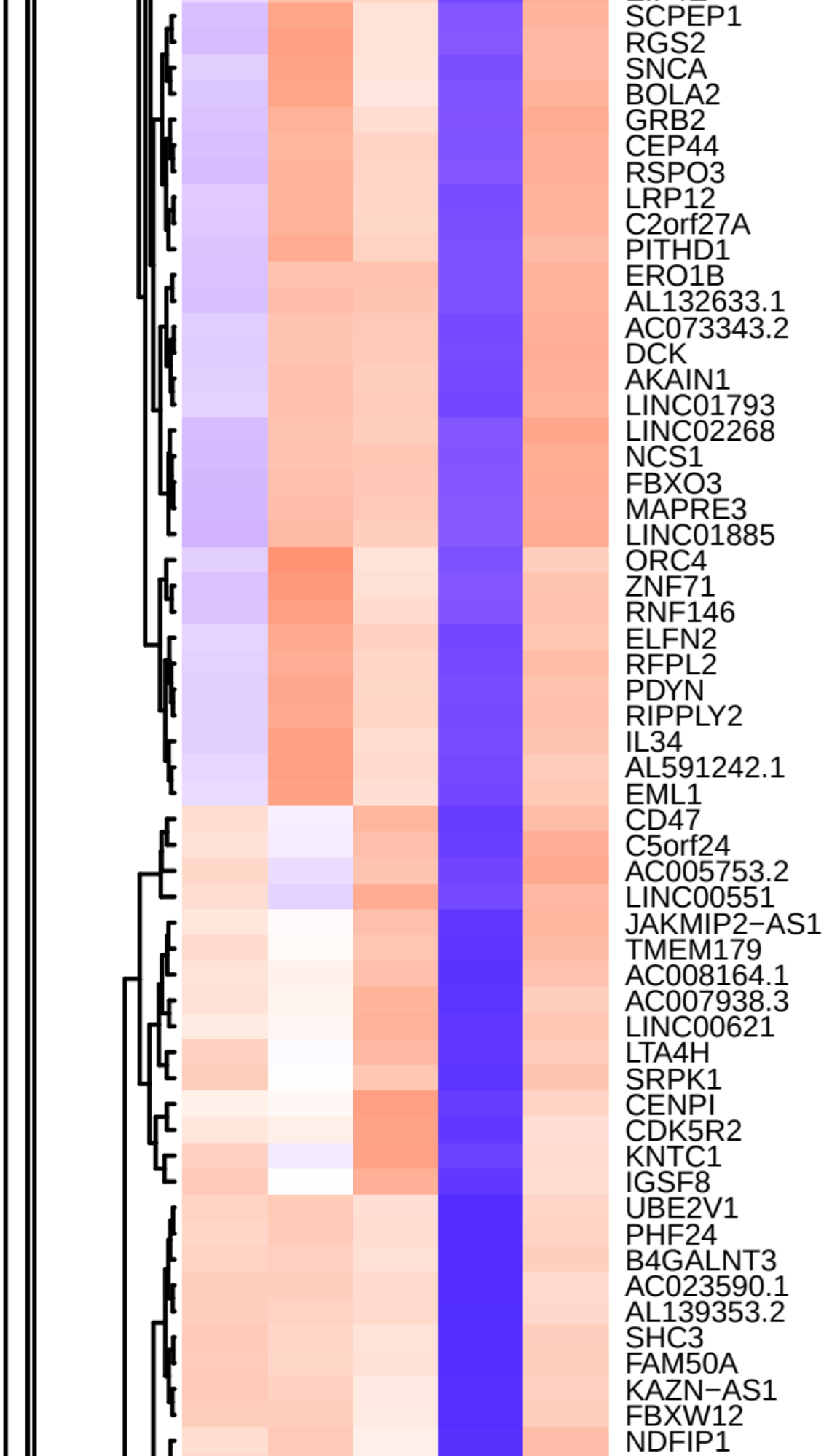

PPP1R2
ZMAT2
LIMD2
CORO1A
ARPC4
AC023480.1
BLCAP
GP1BB
GPATCH4
MAP10
GOPC
AC061961.1
LINC02389
RAB3B
TMEM185A
ATP6V1G2
ARPC1A
NECAP1
CREG1
DDX1
MAP3K9
NPTXR
ATP1B1
GABRA5
WSCD2
PDCD4
RAPGEFL1
SNAP25
EID1
KCNG1
NSF
AC090629.1
MICU3
KIF5C
DHX29
AL591519.1
HSDL1
PPME1
GRIA2
AC024901.1
KIAA1211L
SYT16
STRBP
CHCHD6
EPHA5−AS1
CELF2−DT
RTKN2
TRMT61B
NYAP2
RUNDC3B
MYEF2
CHM
AC090772.2
PGM2
EIF4E3
KIAA1257
SPTB
AP000857.2
SNAP25−AS1
ACTL6B
LARGE−AS1
LINC02237
SCN1A−AS1
GRM7−AS3
PARM1
OSGEP
IDS

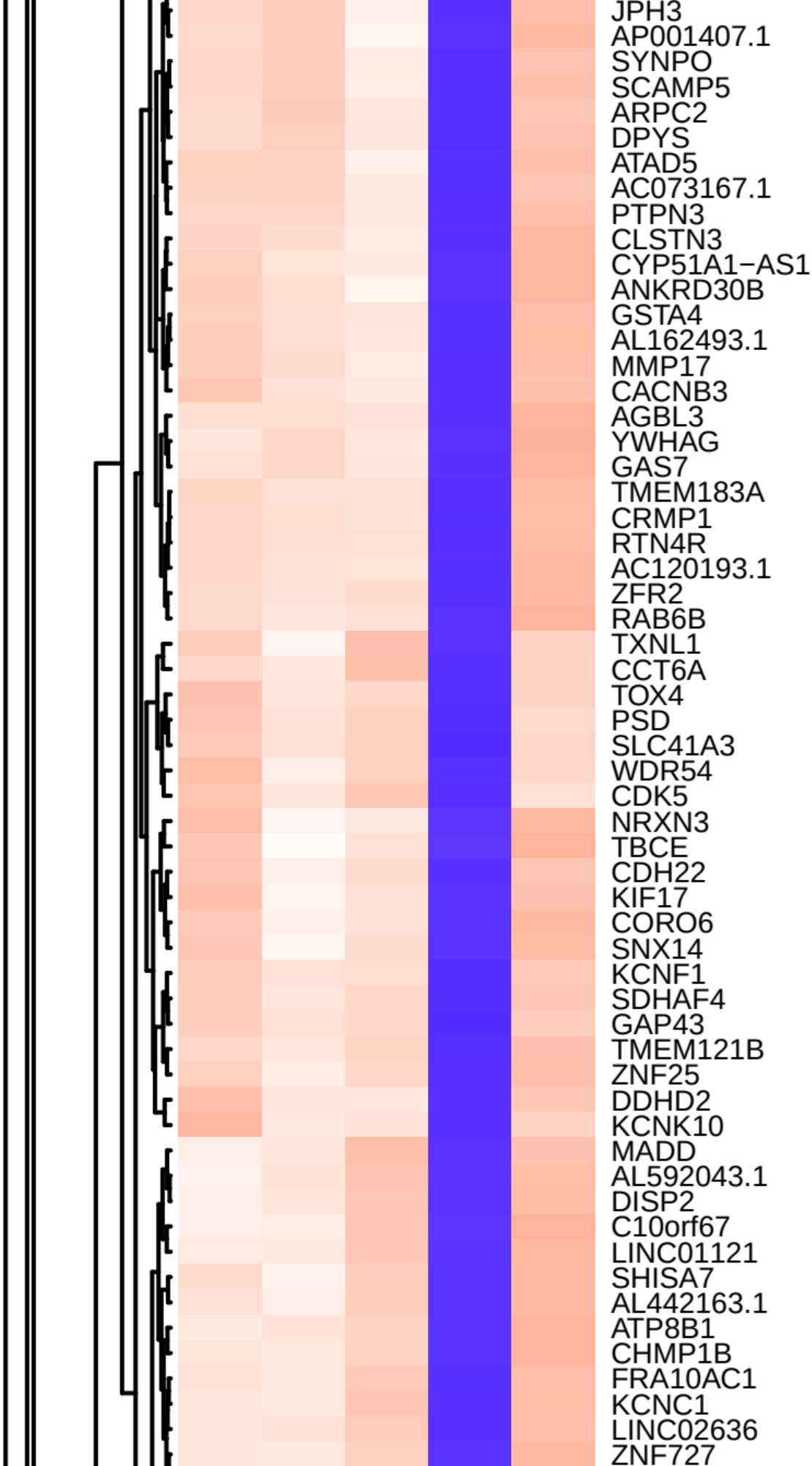

TMEM246
NEURL1B
MOCS2
OGDHL
CISD1
LRRTM1
LINC00390
PIN1
PINK1
MED10
OSBP
TMSB10
FABP3
ATP1A3
BTBD6
SLC25A3
ATP10A
NAP1L5
SARS
SYT10
NME1
NCBP2AS2
MDH1
FAM241A
SMIM13
AC034268.2
AC022210.2
SERP2
SULT4A1
CHN1
DNM1
PPFIA3
MMD
ATP6V1B2
PRR7
MRPL57
SERINC1
LINC01804
AC004816.1
SNCB
SMARCD1
YWHAB
FBXO41
AC025569.1
PLD3
SDCBP2
LYRM7
PANK1
ARPC5L
RTN3
SYN1
TMEM59L
WDR61
AC024996.1
C12orf40
MRAP2
PSMA4
MYADM
SUMO2
EIF5A
ZC3H15
USP11
DUSP14
ZNF90
MKKS
RPRML
DCAF6

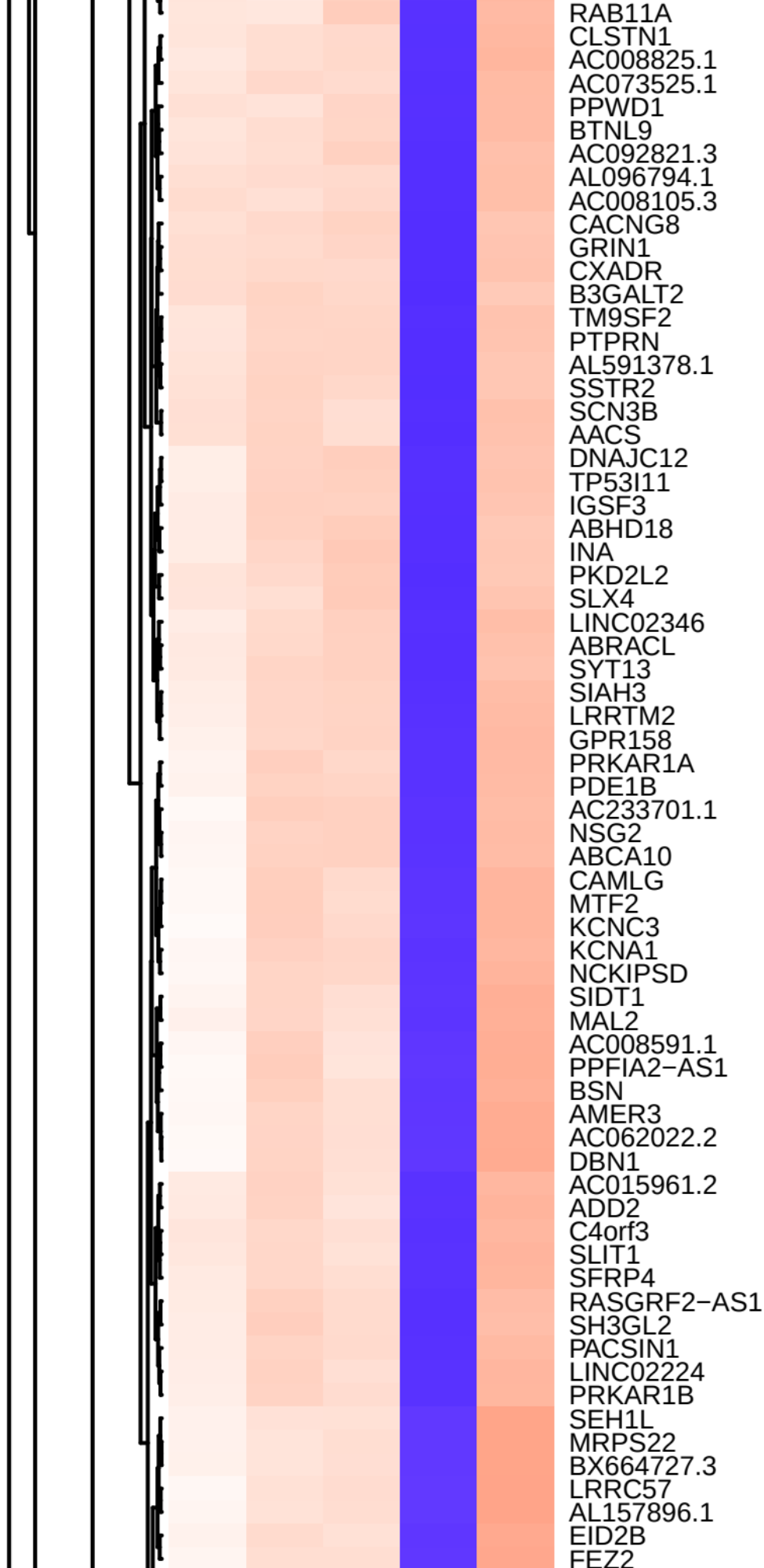

NAP1L1
LINC01697
UNC5A
MYT1L
SYT7
MEG8
SATB1−AS1
NMNAT2
TTC3−AS1
ZFPM2−AS1
HDAC9
GDAP1
HLF
SYT1
AP001825.1
AC100832.2
NHSL2
CSMD1
LRRC7
ATP8A2
STXBP5L
GRM1
MEAK7
TRHR
RIC3
MAP4K3−DT
SLC8A1
RFPL1S
AFF3
WASF1
CFAP221
GTF2F1
RGS17
HS6ST2
AC117944.1
LCLAT1
C3orf67−AS1
CBWD3
NRP1
TTC7B
AJAP1
CACNA1D
KCNQ3
CYTOR
AC025470.2
GRM5
DGKB
LINC00903
AC011451.3
FAM153B
MCF2
PLXNA4
KCNB2
AGBL4
DNAH14
GRIN2B
CHSY3
APOO
ZRANB2
ICA1L
CSMD3
LYPD6B
ERICH3
SLC4A7
ADGRL2
PROX1
RAPGEF2
ARHGAP20
AC007563.2

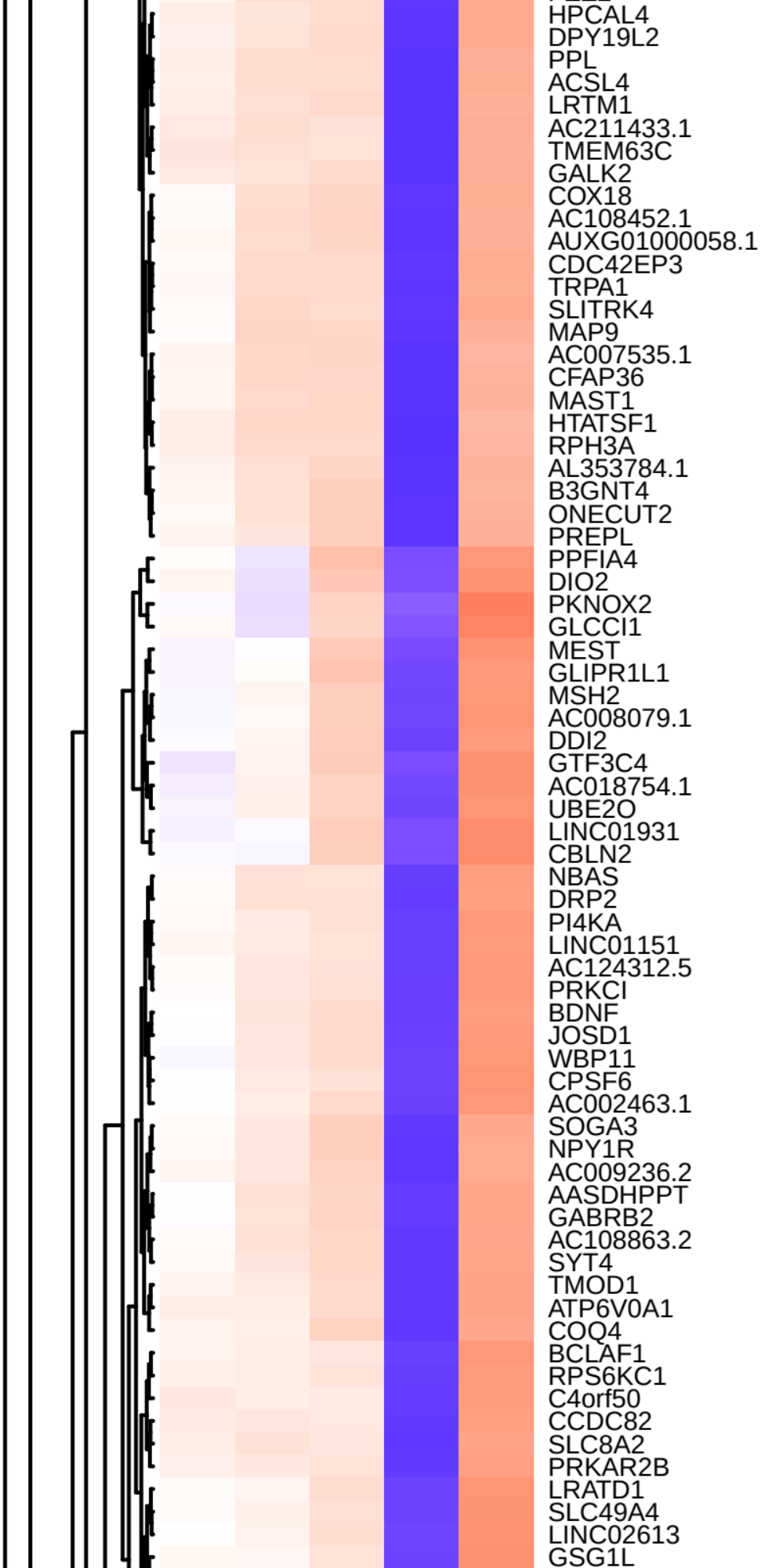

BBS7
NBEA
FASTKD2
RASAL2
SEMA3C
TAFA2
AL596087.2
BICDL1
SUSD4
MIR222HG
GALNT17
BTBD3
PCDH8
SREK1IP1
VMA21
AC068725.1
CDK5R1
SH3BGRL2
AL353746.1
NPTX1
ARHGEF9
TMEM130
INHBA−AS1
KIAA1324
STAMBPL1
HRK
LINC02398
SKAP2
SLC47A1
SLITRK5
ANKRD29
C12orf45
AL139327.2
PSIP1
ALDH1A2
ETS2
PM20D2
JPH1
CDC37
AL356094.2
WIPF3
EPDR1
AC011389.1
SLC1A6
BTC
SLC5A4−AS1
SDCBP
LRP11
C3orf67
MRTFB
CASC6
GUCY1A2
SPHKAP
GALNT16
PAK3
ZBTB18
FOCAD
EPHA7

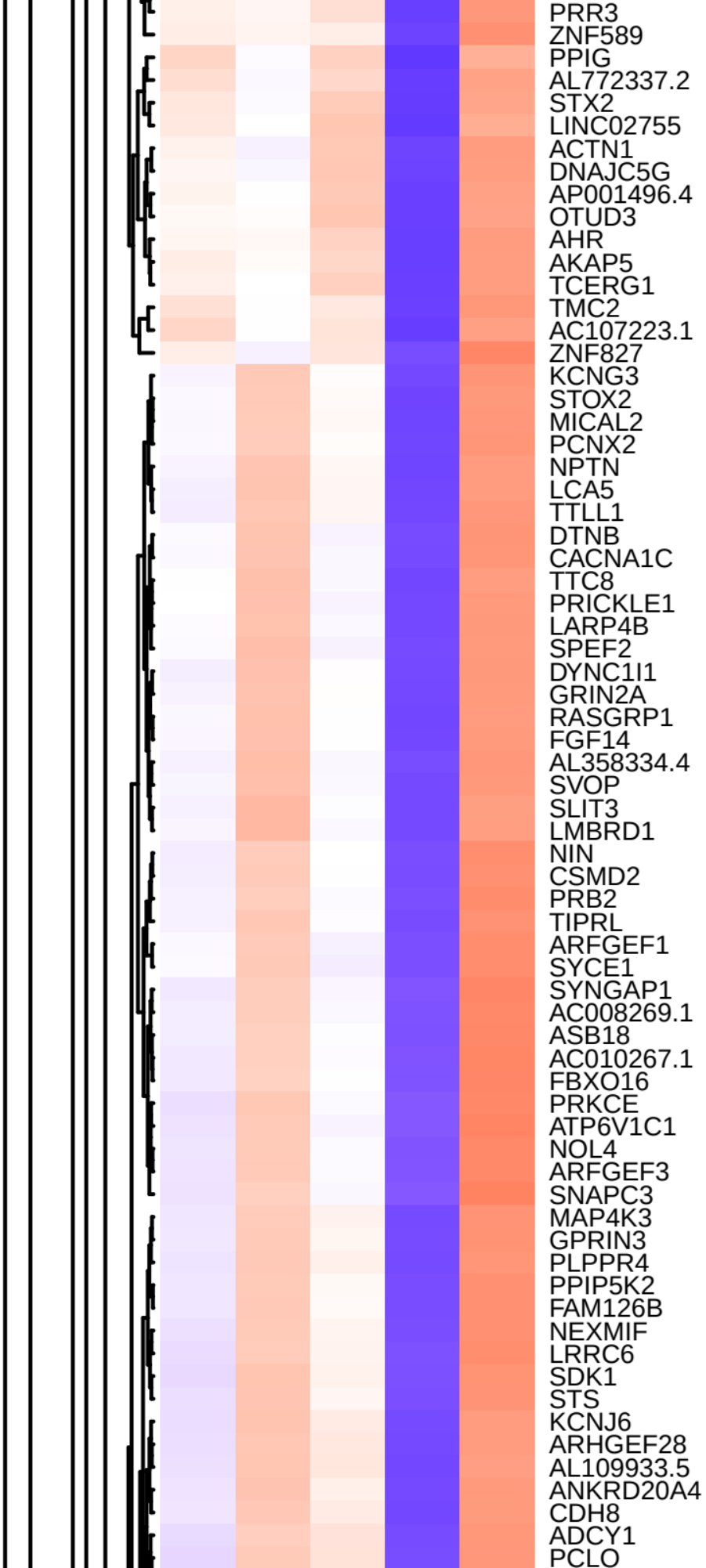

GABRB3
GRM7
PLEKHB2
IQSEC2
RYR2
NEK10
SLC16A7
GLRB
KCNH1
MEG3
SGPP2
FAM153CP
AL355472.2
ADARB1
ARHGAP44
LINC01252
AL136441.1
AQP9
TARID
TERF1
DENND1B
AC002563.1
LRFN5
GPLD1
AC104365.1
GRIA1
MAP2
AC002377.1
AC087280.2
LINC00632
SLC41A2
CLDN16
AC013652.1
NEUROD1
AC233976.1
CHST9
TLL1
HNRNPA0
PPP1R13B
DTWD1
FAM207A
WDR17
PHF6
ARF1
KCNJ9
CHD3
DYRK4
RSL24D1
CYTH3
AC079793.1
FKBP1A
CAMKV
MORF4L1
MIR7−3HG
CCT8
GLT8D2
CGREF1
AL024497.2
HSPA14
CCDC28A
DENR
ARHGAP15
COL25A1
TMX4
NUCB2
PTGFR
NNT
GPR155
EIF4E

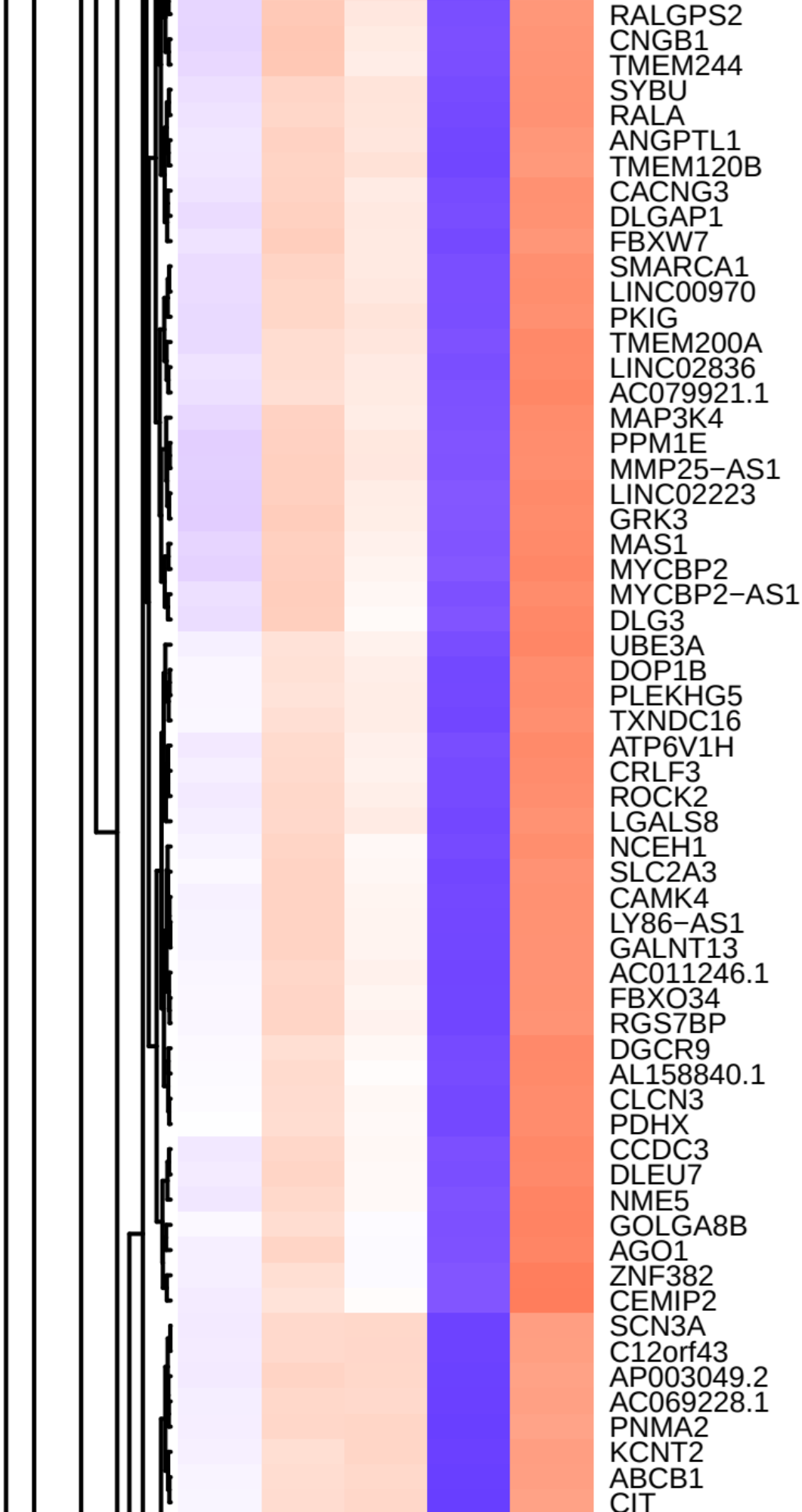

SCPEP1
RGS2
SNCA
BOLA2
GRB2
CEP44
RSPO3
LRP12
C2orf27A
PITHD1
ERO1B
AL132633.1
AC073343.2
DCK
AKAIN1
LINC01793
LINC02268
NCS1
FBXO3
MAPRE3
LINC01885
ORC4
ZNF71
RNF146
ELFN2
RFPL2
PDYN
RIPPLY2
IL34
AL591242.1
EML1
CD47
C5orf24
AC005753.2
LINC00551
JAKMIP2−AS1
TMEM179
AC008164.1
AC007938.3
LINC00621
LTA4H
SRPK1
CENPI
CDK5R2
KNTC1
IGSF8
UBE2V1
PHF24
B4GALNT3
AC023590.1
AL139353.2
SHC3
FAM50A
KAZN−AS1
FBXW12
NDFIP1

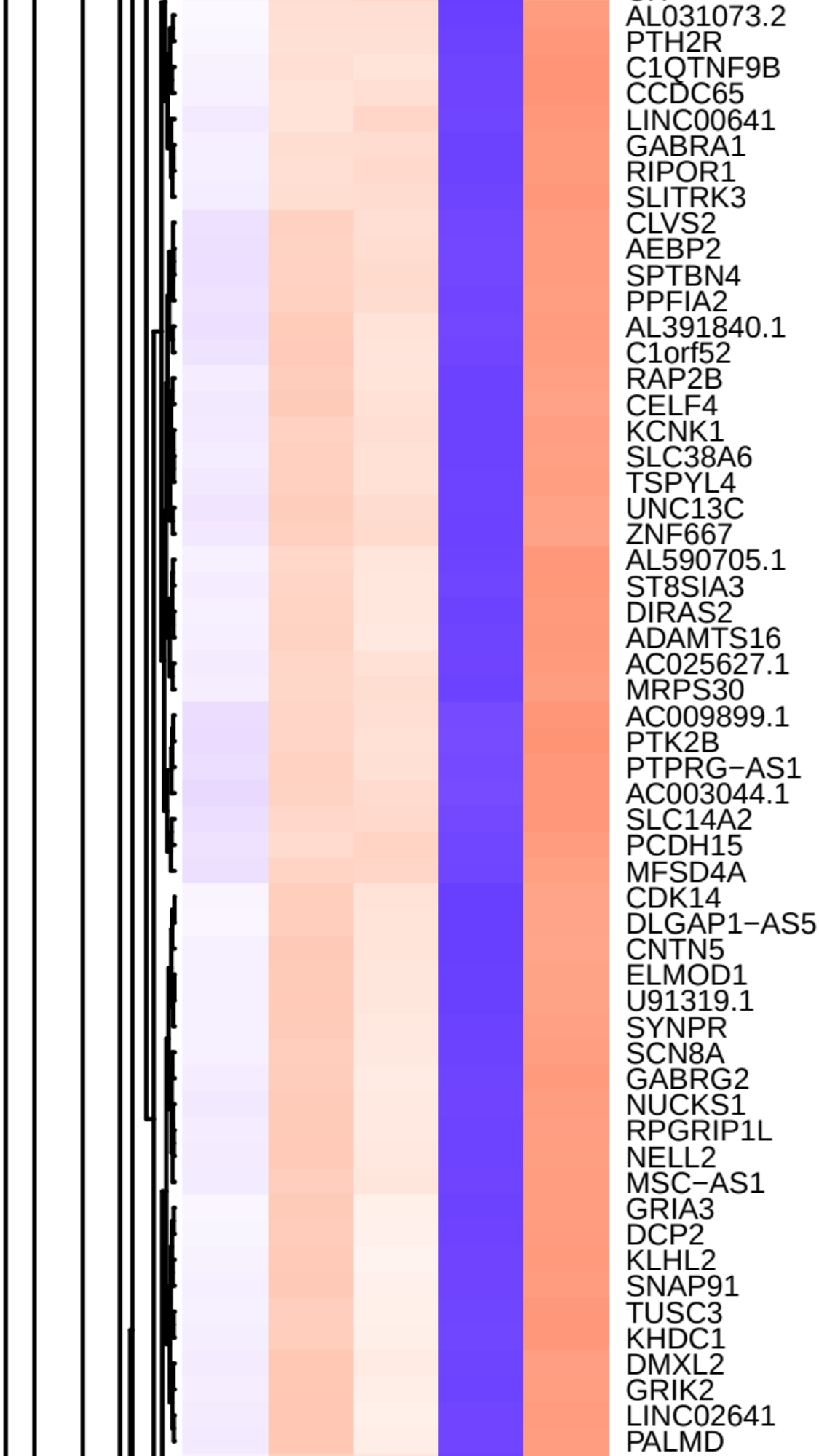

JPH3
AP001407.1
SYNPO
SCAMP5
ARPC2
DPYS
ATAD5
AC073167.1
PTPN3
CLSTN3
CYP51A1−AS1
ANKRD30B
GSTA4
AL162493.1
MMP17
CACNB3
AGBL3
YWHAG
GAS7
TMEM183A
CRMP1
RTN4R
AC120193.1
ZFR2
RAB6B
TXNL1
CCT6A
TOX4
PSD
SLC41A3
WDR54
CDK5
NRXN3
TBCE
CDH22
KIF17
CORO6
SNX14
KCNF1
SDHAF4
GAP43
TMEM121B
ZNF25
DDHD2
KCNK10
MADD
AL592043.1
DISP2
C10orf67
LINC01121
SHISA7
AL442163.1
ATP8B1
CHMP1B
FRA10AC1
KCNC1
LINC02636
ZNF727

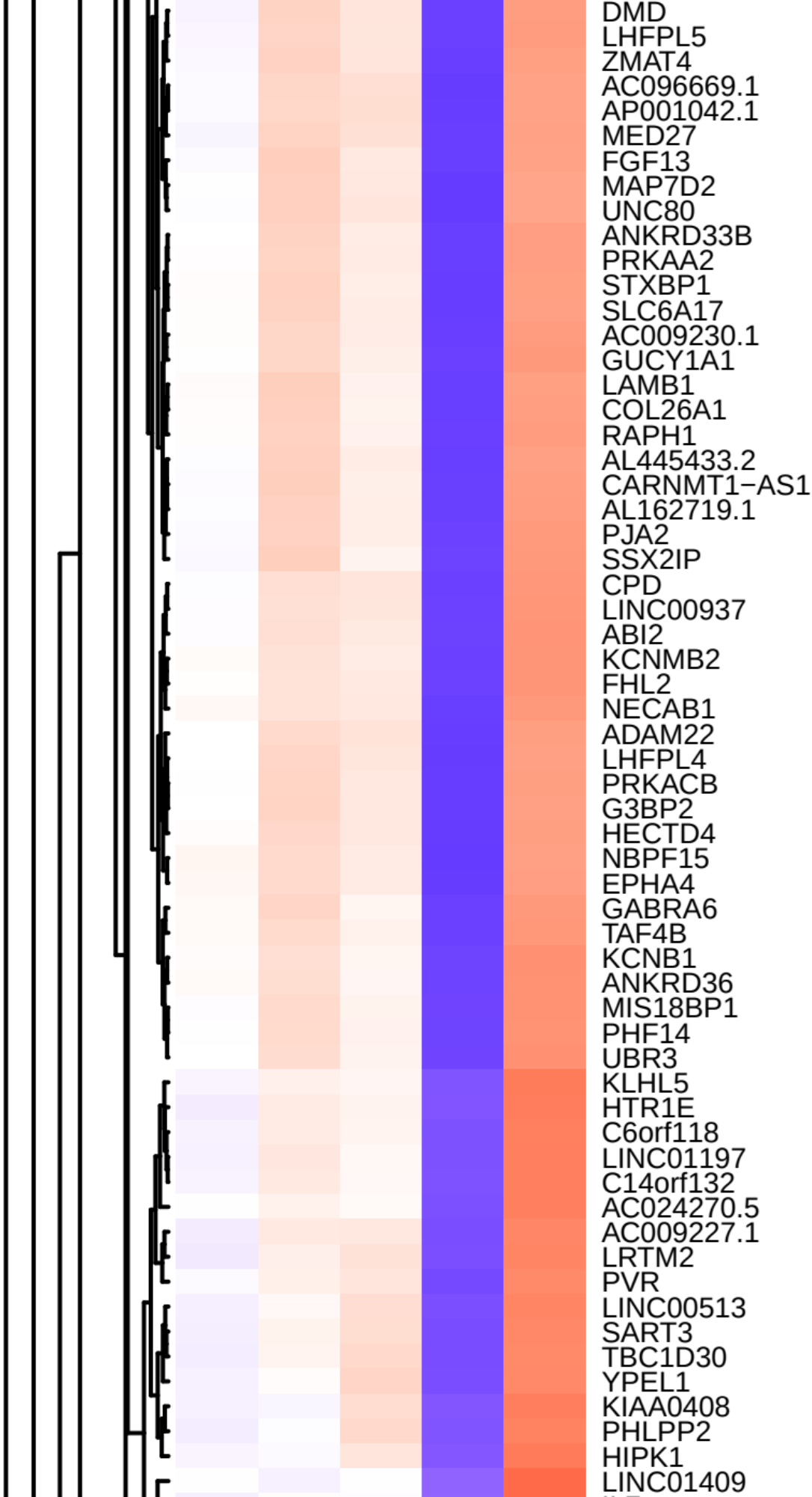

RAB11A
CLSTN1
AC008825.1
AC073525.1
PPWD1
BTNL9
AC092821.3
AL096794.1
AC008105.3
CACNG8
GRIN1
CXADR
B3GALT2
TM9SF2
PTPRN
AL591378.1
SSTR2
SCN3B
AACS
DNAJC12
TP53I11
IGSF3
ABHD18
INA
PKD2L2
SLX4
LINC02346
ABRACL
SYT13
SIAH3
LRRTM2
GPR158
PRKAR1A
PDE1B
AC233701.1
NSG2
ABCA10
CAMLG
MTF2
KCNC3
KCNA1
NCKIPSD
SIDT1
MAL2
AC008591.1
PPFIA2−AS1
BSN
AMER3
AC062022.2
DBN1
AC015961.2
ADD2
C4orf3
SLIT1
SFRP4
RASGRF2−AS1
SH3GL2
PACSIN1
LINC02224
PRKAR1B
SEH1L
MRPS22
BX664727.3
LRRC57
AL157896.1
EID2B
FEZ2

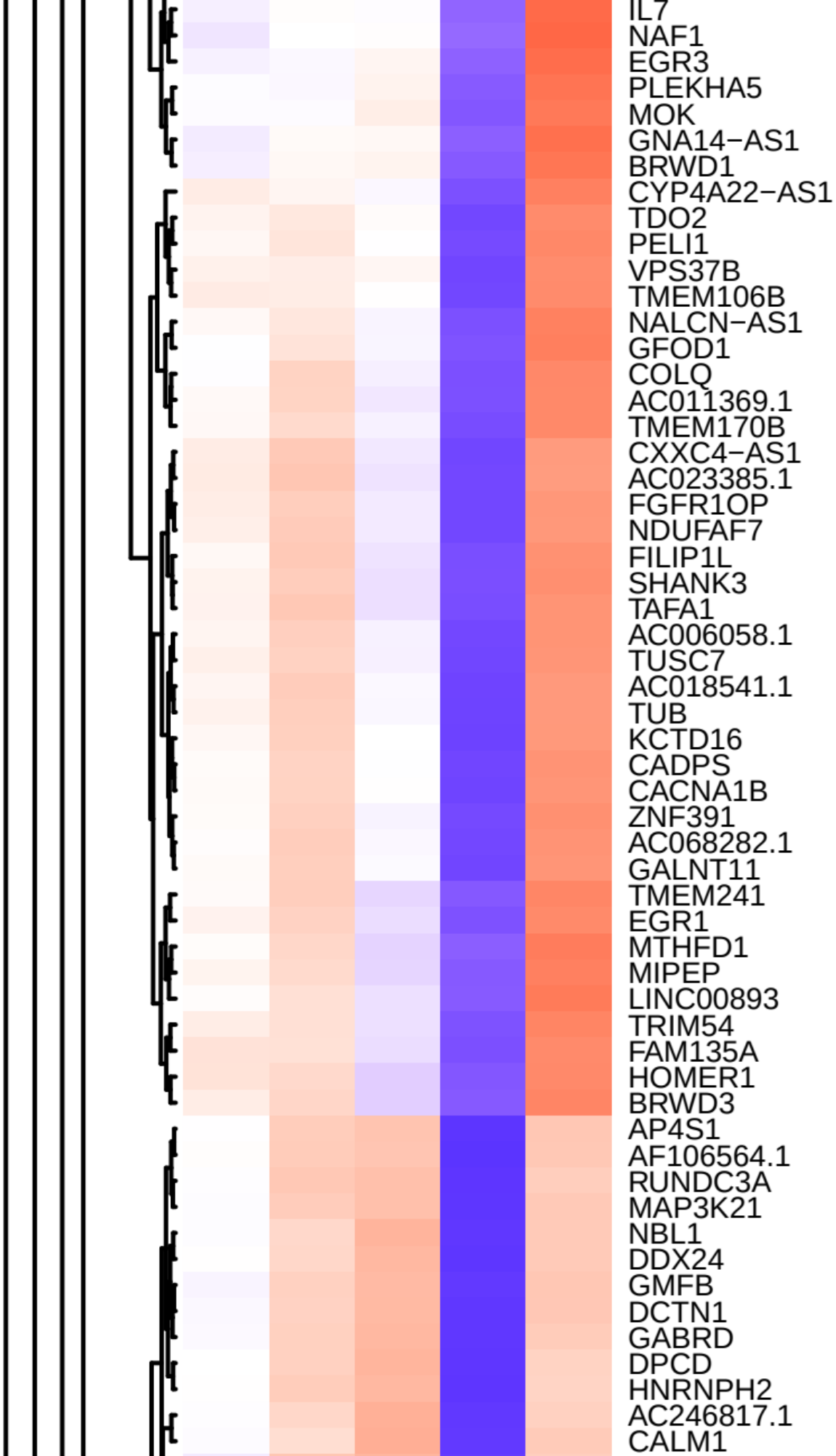

HPCAL4
DPY19L2
PPL
ACSL4
LRTM1
AC211433.1
TMEM63C
GALK2
COX18
AC108452.1
AUXG01000058.1
CDC42EP3
TRPA1
SLITRK4
MAP9
AC007535.1
CFAP36
MAST1
HTATSF1
RPH3A
AL353784.1
B3GNT4
ONECUT2
PREPL
PPFIA4
DIO2
PKNOX2
GLCCI1
MEST
GLIPR1L1
MSH2
AC008079.1
DDI2
GTF3C4
AC018754.1
UBE2O
LINC01931
CBLN2
NBAS
DRP2
PI4KA
LINC01151
AC124312.5
PRKCI
BDNF
JOSD1
WBP11
CPSF6
AC002463.1
SOGA3
NPY1R
AC009236.2
AASDHPPT
GABRB2
AC108863.2
SYT4
TMOD1
ATP6V0A1
COQ4
BCLAF1
RPS6KC1
C4orf50
CCDC82
SLC8A2
PRKAR2B
LRATD1
SLC49A4
LINC02613
GSG1L

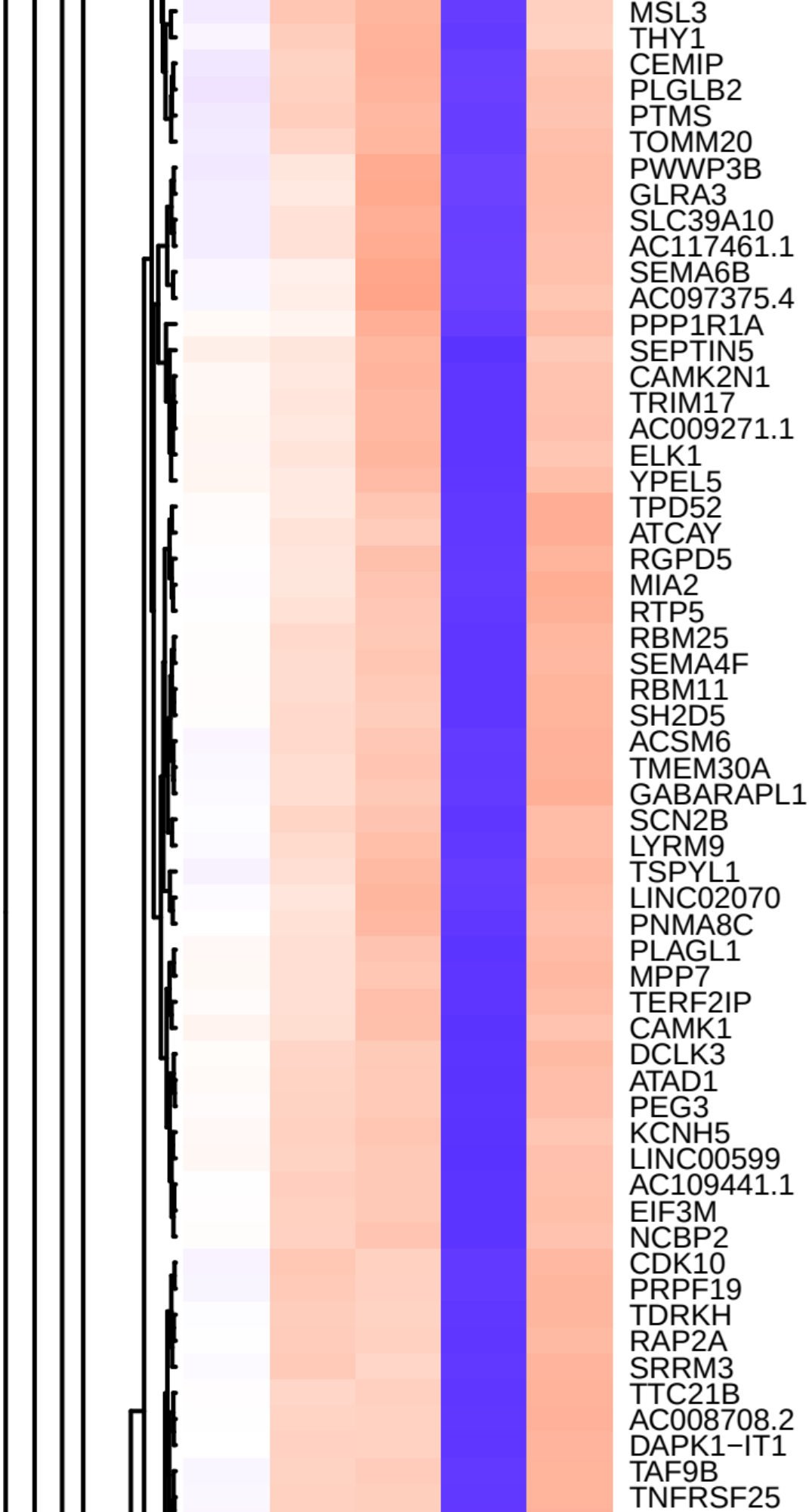

PRR3
ZNF589
PPIG
AL772337.2
STX2
LINC02755
ACTN1
DNAJC5G
AP001496.4
OTUD3
AHR
AKAP5
TCERG1
TMC2
AC107223.1
ZNF827
KCNG3
STOX2
MICAL2
PCNX2
NPTN
LCA5
TTLL1
DTNB
CACNA1C
TTC8
PRICKLE1
LARP4B
SPEF2
DYNC1I1
GRIN2A
RASGRP1
FGF14
AL358334.4
SVOP
SLIT3
LMBRD1
NIN
CSMD2
PRB2
TIPRL
ARFGEF1
SYCE1
SYNGAP1
AC008269.1
ASB18
AC010267.1
FBXO16
PRKCE
ATP6V1C1
NOL4
ARFGEF3
SNAPC3
MAP4K3
GPRIN3
PLPPR4
PPIP5K2
FAM126B
NEXMIF
LRRC6
SDK1
STS
KCNJ6
ARHGEF28
AL109933.5
ANKRD20A4
CDH8
ADCY1
PCLO

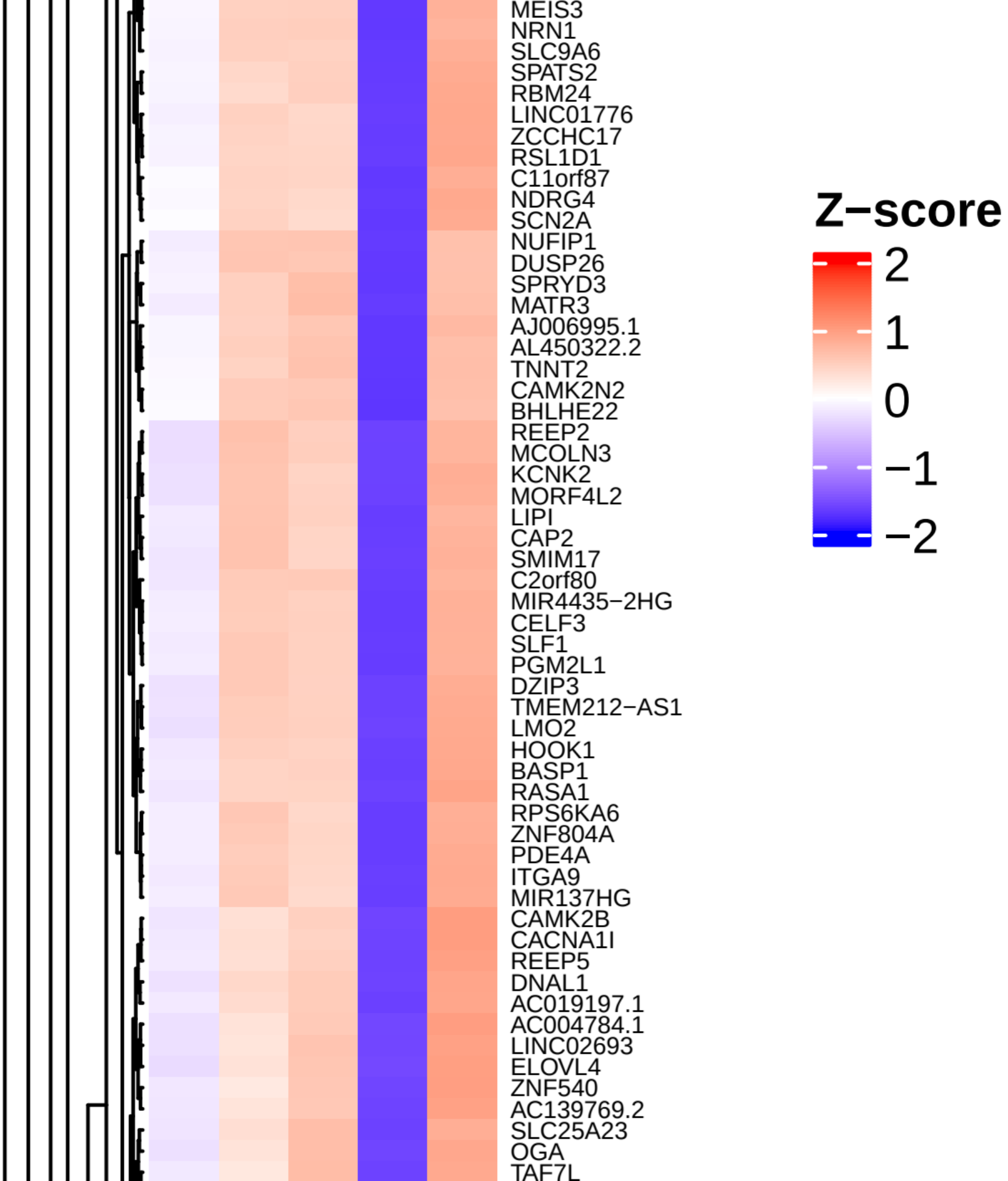

RALGPS2
CNGB1
TMEM244
SYBU
RALA
ANGPTL1
TMEM120B
CACNG3
DLGAP1
FBXW7
SMARCA1
LINC00970
PKIG
TMEM200A
LINC02836
AC079921.1
MAP3K4
PPM1E
MMP25−AS1
LINC02223
GRK3
MAS1
MYCBP2
MYCBP2−AS1
DLG3
UBE3A
DOP1B
PLEKHG5
TXNDC16
ATP6V1H
CRLF3
ROCK2
LGALS8
NCEH1
SLC2A3
CAMK4
LY86−AS1
GALNT13
AC011246.1
FBXO34
RGS7BP
DGCR9
AL158840.1
CLCN3
PDHX
CCDC3
DLEU7
NME5
GOLGA8B
AGO1
ZNF382
CEMIP2
SCN3A
C12orf43
AP003049.2
AC069228.1
PNMA2
KCNT2
ABCB1
CIT

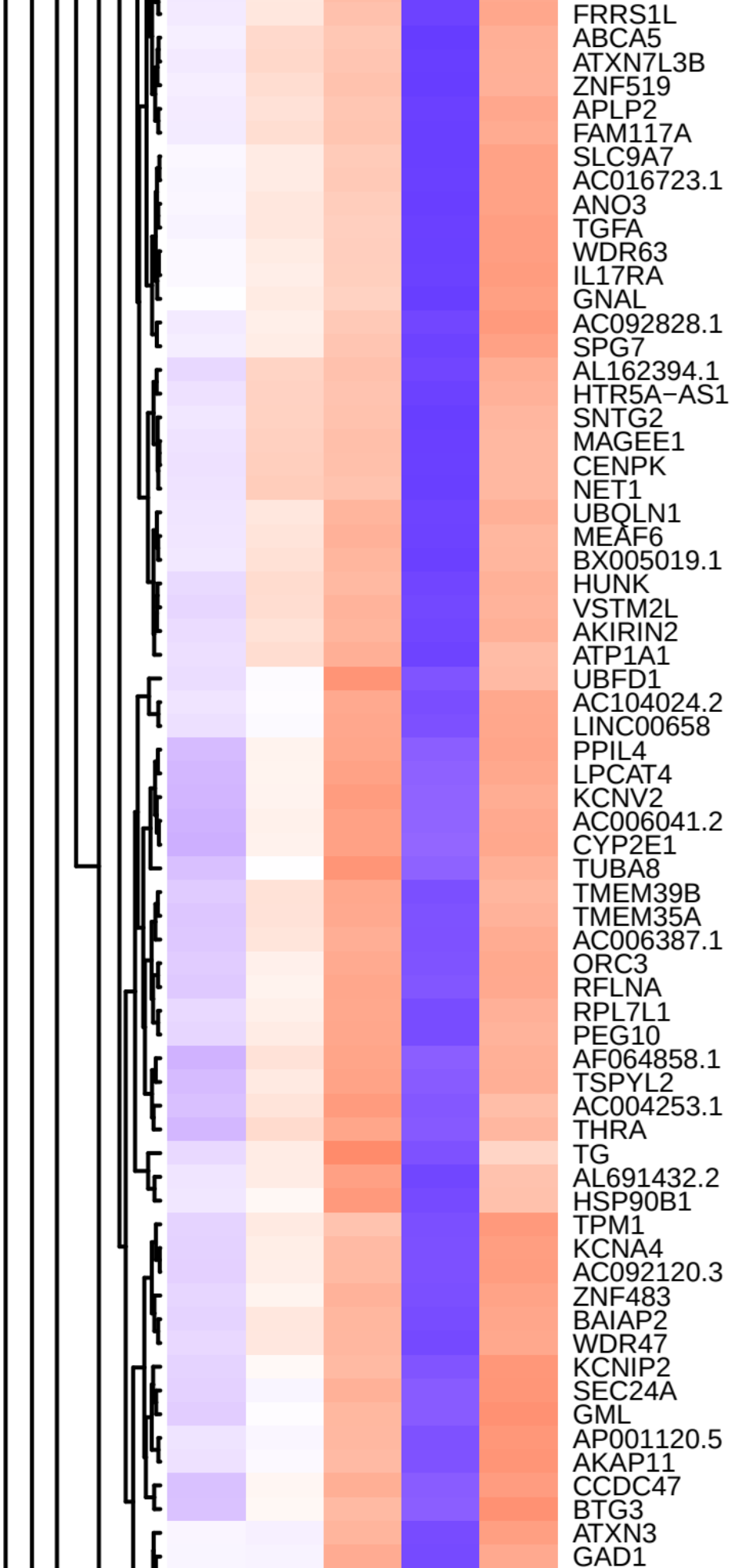

AL031073.2
PTH2R
C1QTNF9B
CCDC65
LINC00641
GABRA1
RIPOR1
SLITRK3
CLVS2
AEBP2
SPTBN4
PPFIA2
AL391840.1
C1orf52
RAP2B
CELF4
KCNK1
SLC38A6
TSPYL4
UNC13C
ZNF667
AL590705.1
ST8SIA3
DIRAS2
ADAMTS16
AC025627.1
MRPS30
AC009899.1
PTK2B
PTPRG−AS1
AC003044.1
SLC14A2
PCDH15
MFSD4A
CDK14
DLGAP1−AS5
CNTN5
ELMOD1
U91319.1
SYNPR
SCN8A
GABRG2
NUCKS1
RPGRIP1L
NELL2
MSC−AS1
GRIA3
DCP2
KLHL2
SNAP91
TUSC3
KHDC1
DMXL2
GRIK2
LINC02641
PALMD

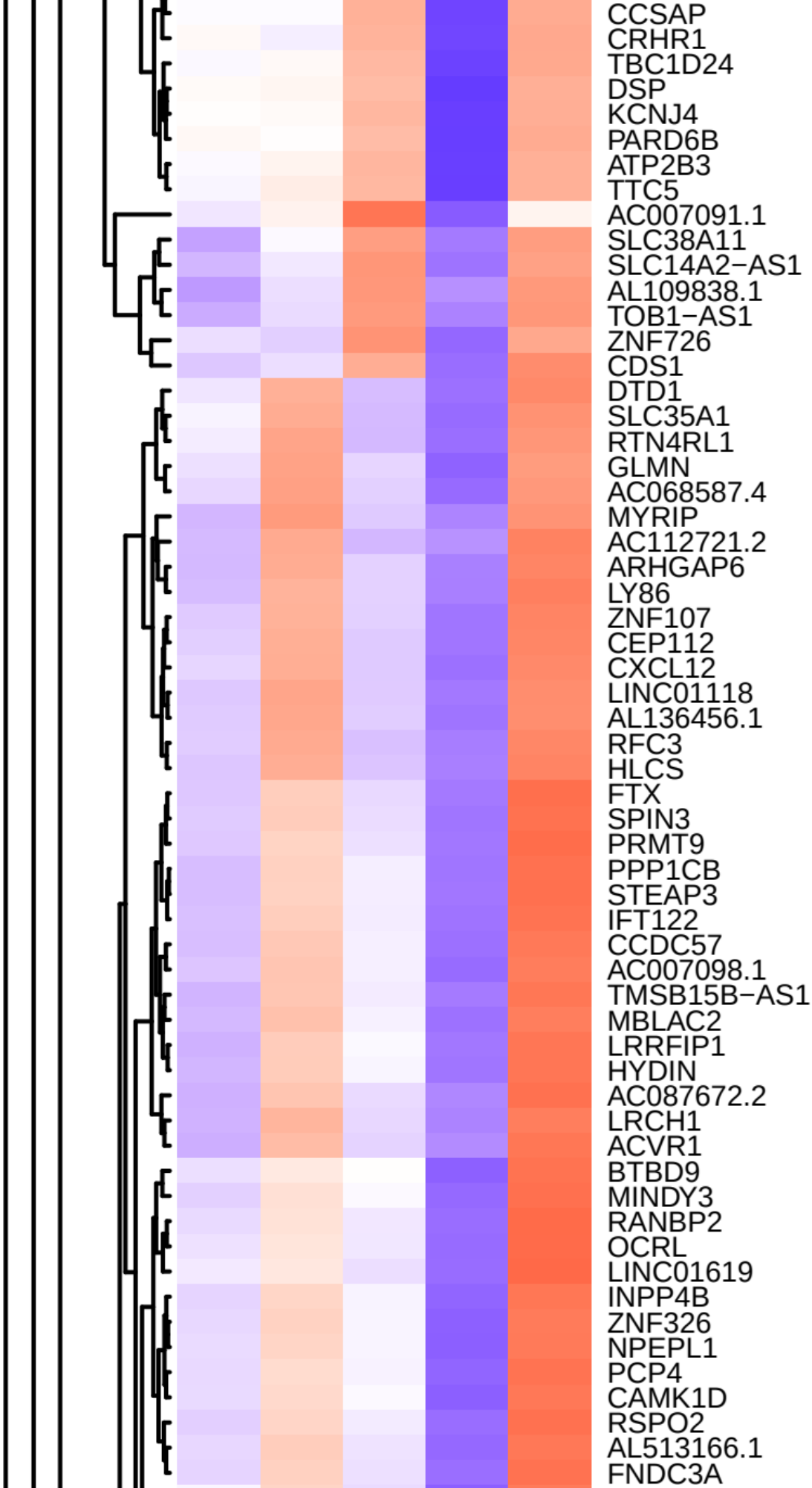

DMD
LHFPL5
ZMAT4
AC096669.1
AP001042.1
MED27
FGF13
MAP7D2
UNC80
ANKRD33B
PRKAA2
STXBP1
SLC6A17
AC009230.1
GUCY1A1
LAMB1
COL26A1
RAPH1
AL445433.2
CARNMT1−AS1
AL162719.1
PJA2
SSX2IP
CPD
LINC00937
ABI2
KCNMB2
FHL2
NECAB1
ADAM22
LHFPL4
PRKACB
G3BP2
HECTD4
NBPF15
EPHA4
GABRA6
TAF4B
KCNB1
ANKRD36
MIS18BP1
PHF14
UBR3
KLHL5
HTR1E
C6orf118
LINC01197
C14orf132
AC024270.5
AC009227.1
LRTM2
PVR
LINC00513
SART3
TBC1D30
YPEL1
KIAA0408
PHLPP2
HIPK1
LINC01409

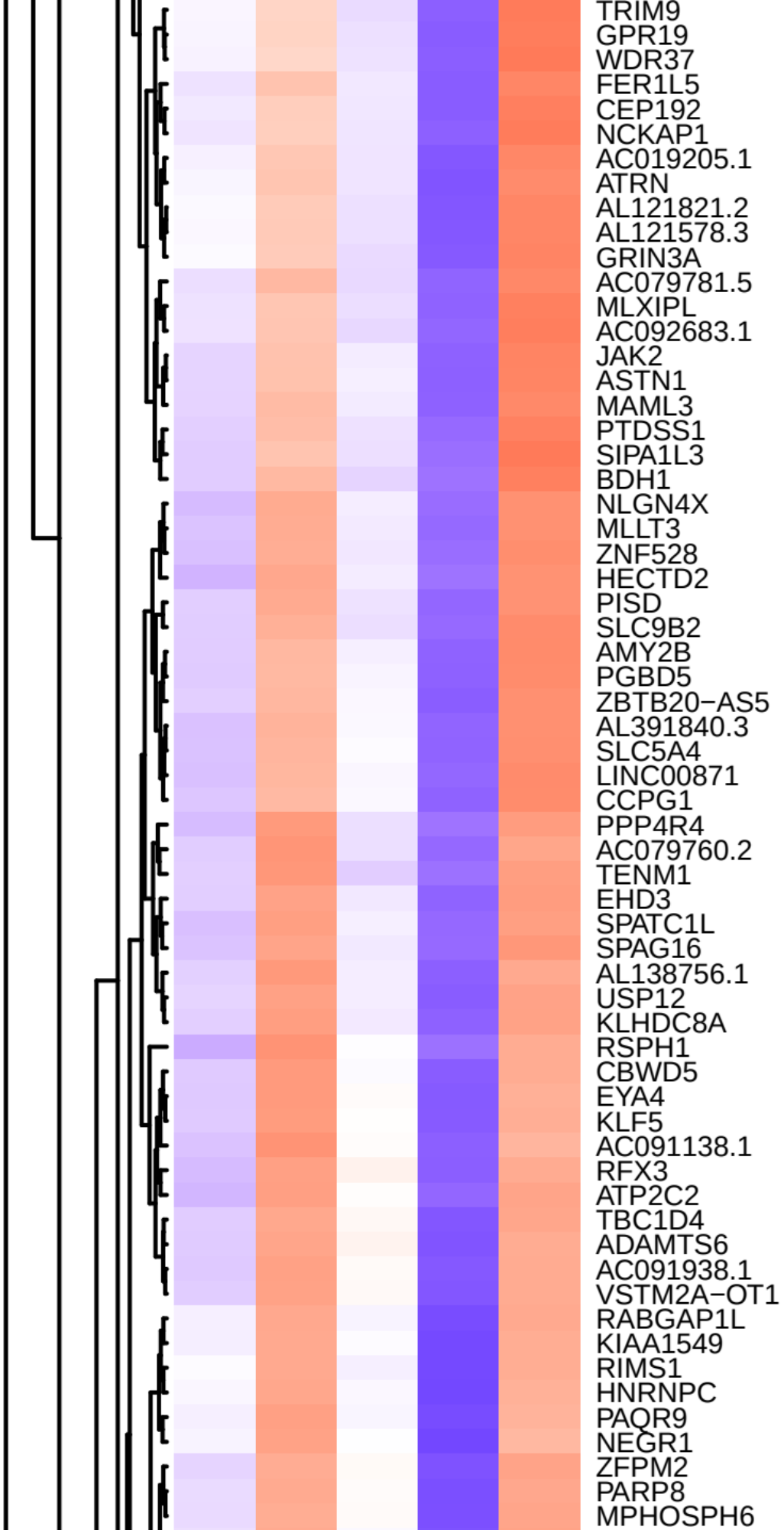

IL7
NAF1
EGR3
PLEKHA5
MOK
GNA14−AS1
BRWD1
CYP4A22−AS1
TDO2
PELI1
VPS37B
TMEM106B
NALCN−AS1
GFOD1
COLQ
AC011369.1
TMEM170B
CXXC4−AS1
AC023385.1
FGFR1OP
NDUFAF7
FILIP1L
SHANK3
TAFA1
AC006058.1
TUSC7
AC018541.1
TUB
KCTD16
CADPS
CACNA1B
ZNF391
AC068282.1
GALNT11
TMEM241
EGR1
MTHFD1
MIPEP
LINC00893
TRIM54
FAM135A
HOMER1
BRWD3
AP4S1
AF106564.1
RUNDC3A
MAP3K21
NBL1
DDX24
GMFB
DCTN1
GABRD
DPCD
HNRNPH2
AC246817.1
CALM1

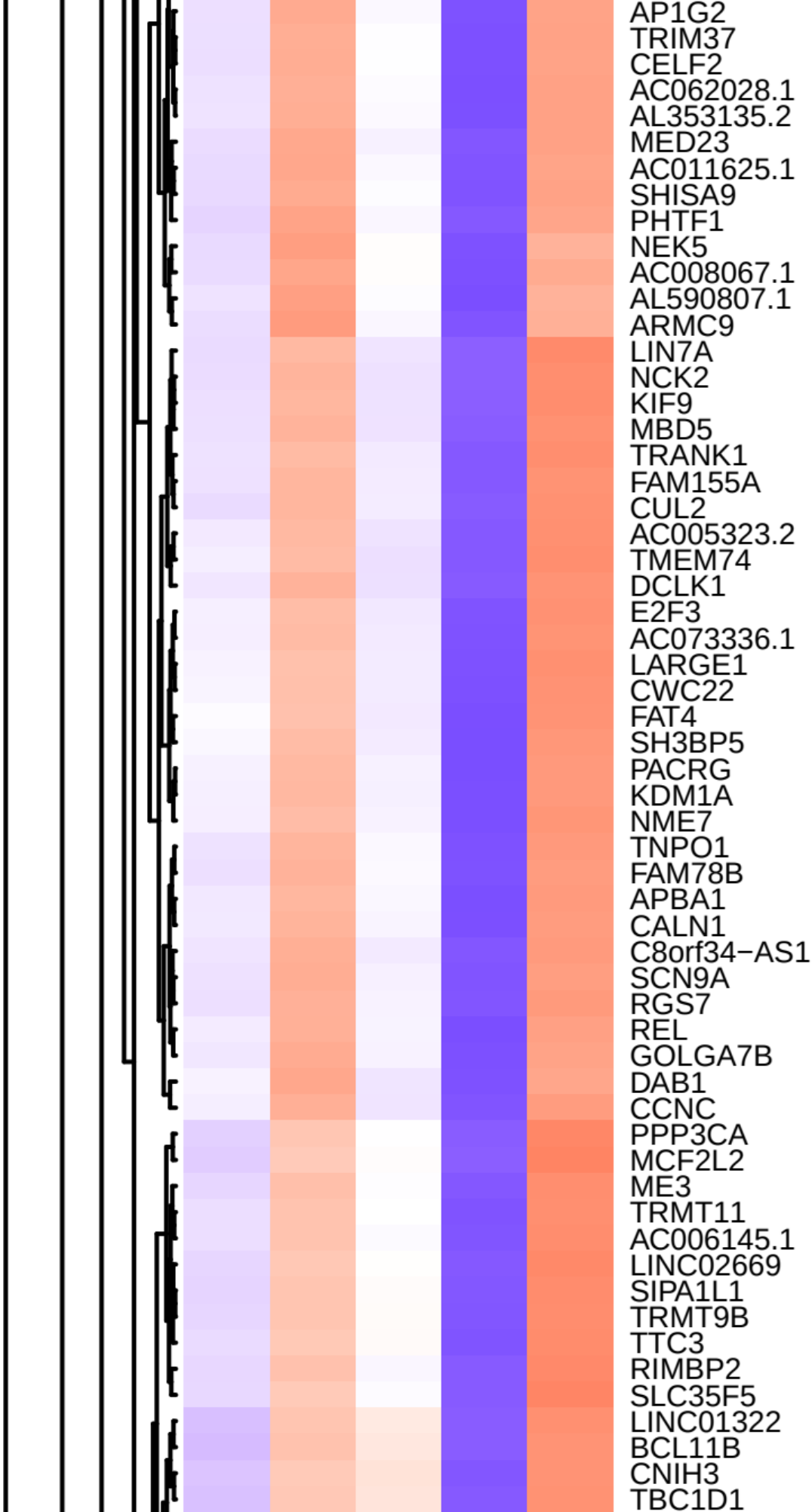

MSL3
THY1
CEMIP
PLGLB2
PTMS
TOMM20
PWWP3B
GLRA3
SLC39A10
AC117461.1
SEMA6B
AC097375.4
PPP1R1A
SEPTIN5
CAMK2N1
TRIM17
AC009271.1
ELK1
YPEL5
TPD52
ATCAY
RGPD5
MIA2
RTP5
RBM25
SEMA4F
RBM11
SH2D5
ACSM6
TMEM30A
GABARAPL1
SCN2B
LYRM9
TSPYL1
LINC02070
PNMA8C
PLAGL1
MPP7
TERF2IP
CAMK1
DCLK3
ATAD1
PEG3
KCNH5
LINC00599
AC109441.1
EIF3M
NCBP2
CDK10
PRPF19
TDRKH
RAP2A
SRRM3
TTC21B
AC008708.2
DAPK1−IT1
TAF9B
TNFRSF25

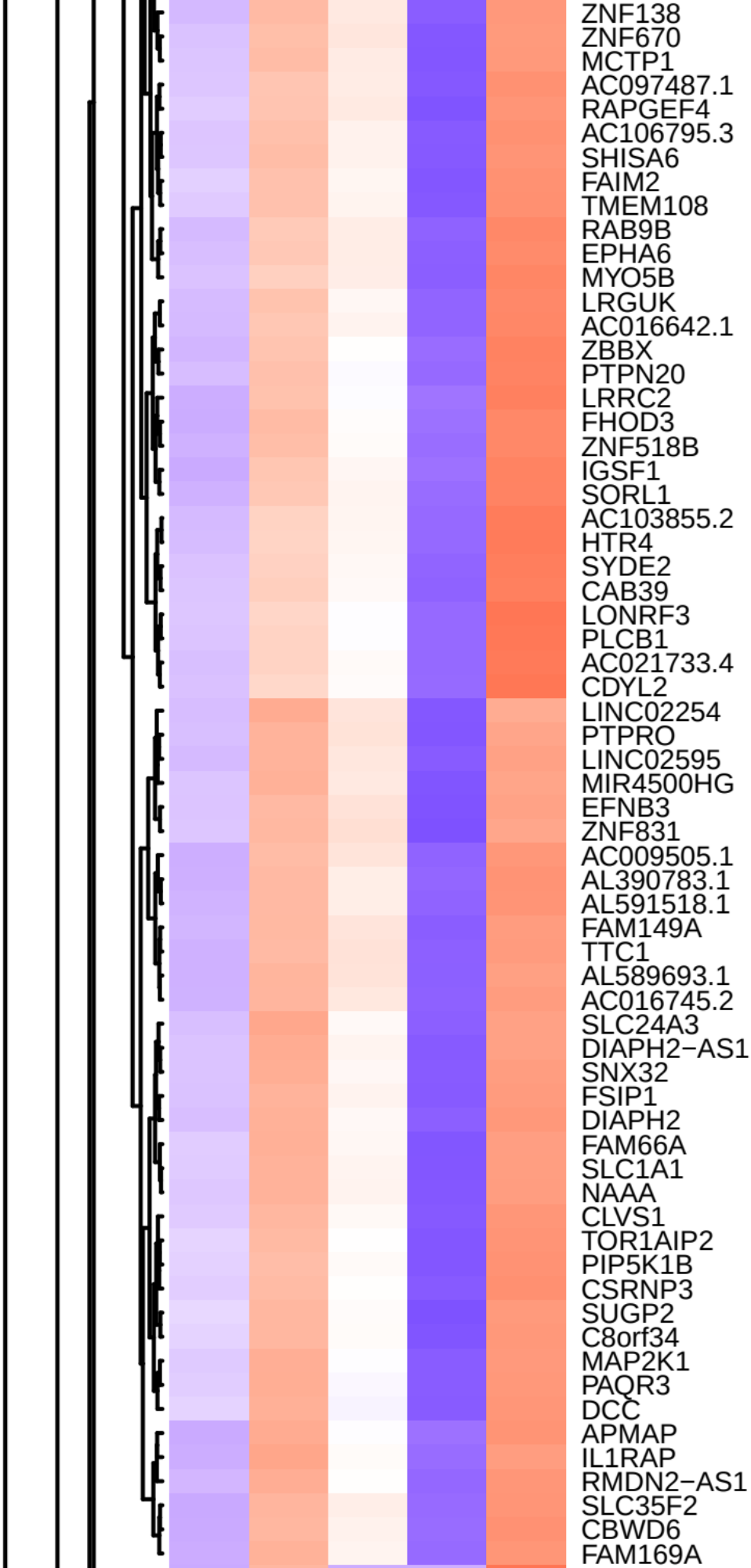

MEIS3
NRN1
SLC9A6
SPATS2
RBM24
LINC01776
ZCCHC17
RSL1D1
C11orf87
NDRG4
SCN2A
NUFIP1
DUSP26
SPRYD3
MATR3
AJ006995.1
AL450322.2
TNNT2
CAMK2N2
BHLHE22
REEP2
MCOLN3
KCNK2
MORF4L2
LIPI
CAP2
SMIM17
C2orf80
MIR4435−2HG
CELF3
SLF1
PGM2L1
DZIP3
TMEM212−AS1
LMO2
HOOK1
BASP1
RASA1
RPS6KA6
ZNF804A
PDE4A
ITGA9
MIR137HG
CAMK2B
CACNA1I
REEP5
DNAL1
AC019197.1
AC004784.1
LINC02693
ELOVL4
ZNF540
AC139769.2
SLC25A23
OGA
TAF7L
Z−score
2
1
0
−1
−2

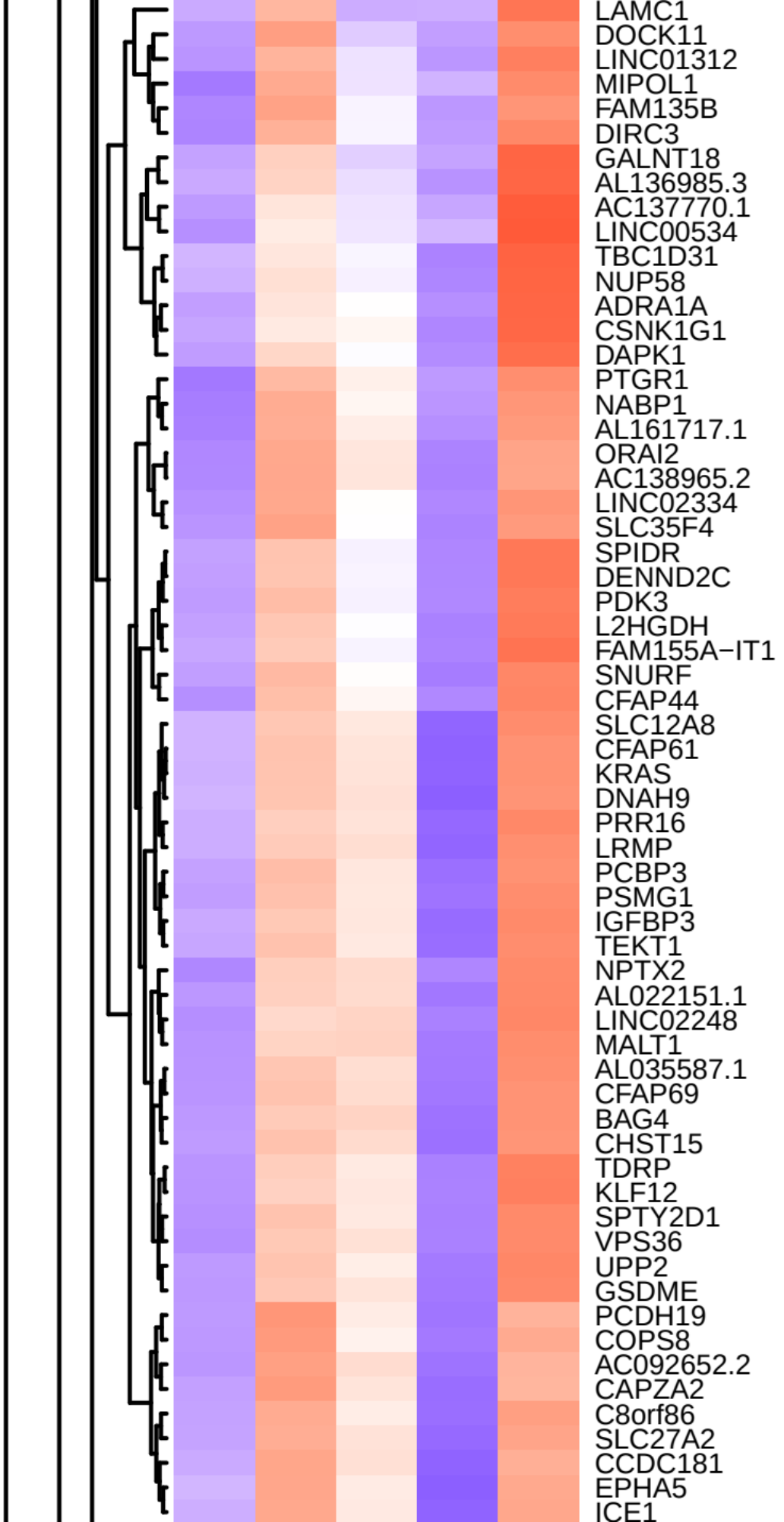

FRRS1L
ABCA5
ATXN7L3B
ZNF519
APLP2
FAM117A
SLC9A7
AC016723.1
ANO3
TGFA
WDR63
IL17RA
GNAL
AC092828.1
SPG7
AL162394.1
HTR5A−AS1
SNTG2
MAGEE1
CENPK
NET1
UBQLN1
MEAF6
BX005019.1
HUNK
VSTM2L
AKIRIN2
ATP1A1
UBFD1
AC104024.2
LINC00658
PPIL4
LPCAT4
KCNV2
AC006041.2
CYP2E1
TUBA8
TMEM39B
TMEM35A
AC006387.1
ORC3
RFLNA
RPL7L1
PEG10
AF064858.1
TSPYL2
AC004253.1
THRA
TG
AL691432.2
HSP90B1
TPM1
KCNA4
AC092120.3
ZNF483
BAIAP2
WDR47
KCNIP2
SEC24A
GML
AP001120.5
AKAP11
CCDC47
BTG3
ATXN3
GAD1

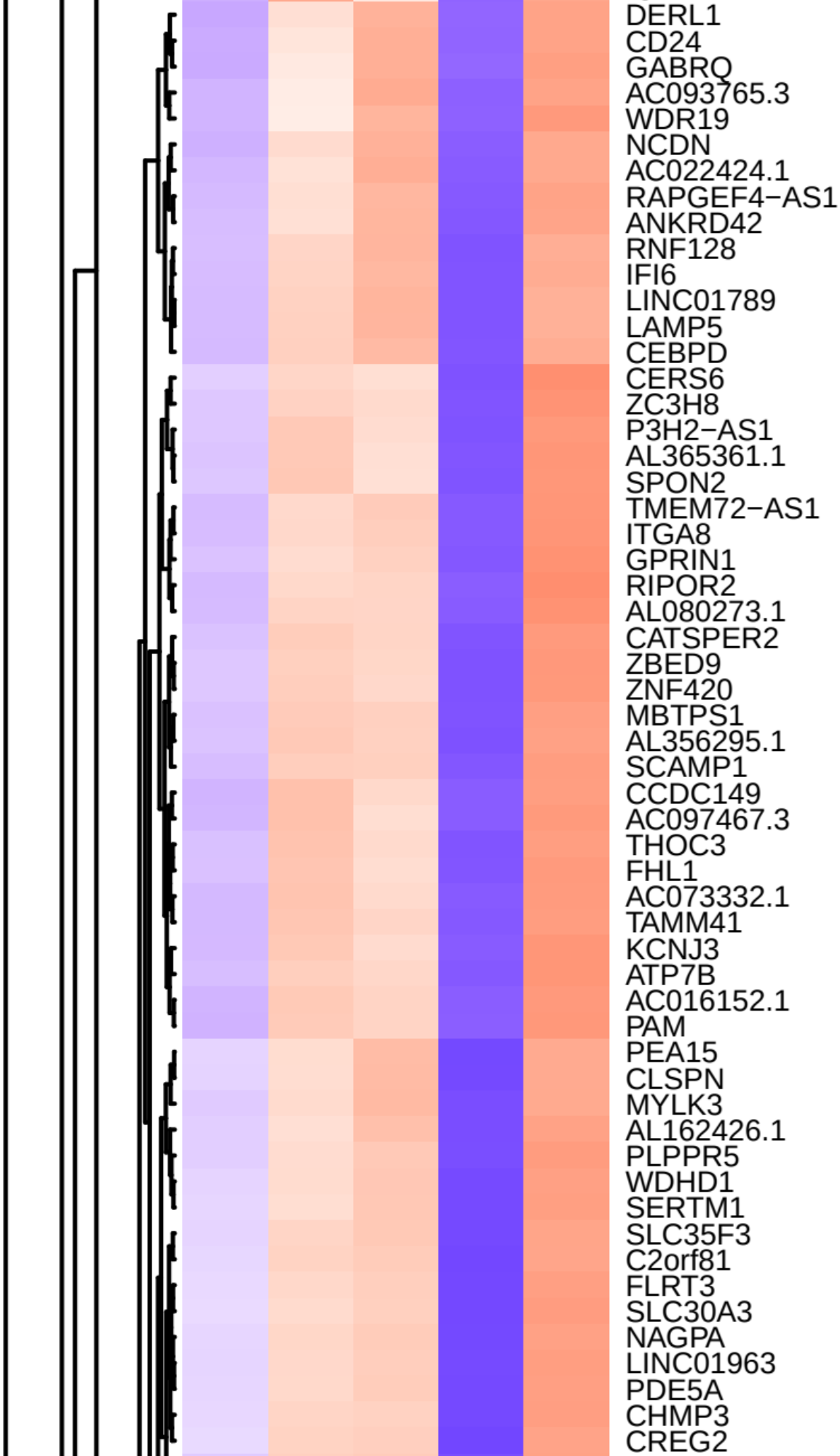

CCSAP
CRHR1
TBC1D24
DSP
KCNJ4
PARD6B
ATP2B3
TTC5
AC007091.1
SLC38A11
SLC14A2−AS1
AL109838.1
TOB1−AS1
ZNF726
CDS1
DTD1
SLC35A1
RTN4RL1
GLMN
AC068587.4
MYRIP
AC112721.2
ARHGAP6
LY86
ZNF107
CEP112
CXCL12
LINC01118
AL136456.1
RFC3
HLCS
FTX
SPIN3
PRMT9
PPP1CB
STEAP3
IFT122
CCDC57
AC007098.1
TMSB15B−AS1
MBLAC2
LRRFIP1
HYDIN
AC087672.2
LRCH1
ACVR1
BTBD9
MINDY3
RANBP2
OCRL
LINC01619
INPP4B
ZNF326
NPEPL1
PCP4
CAMK1D
RSPO2
AL513166.1
FNDC3A

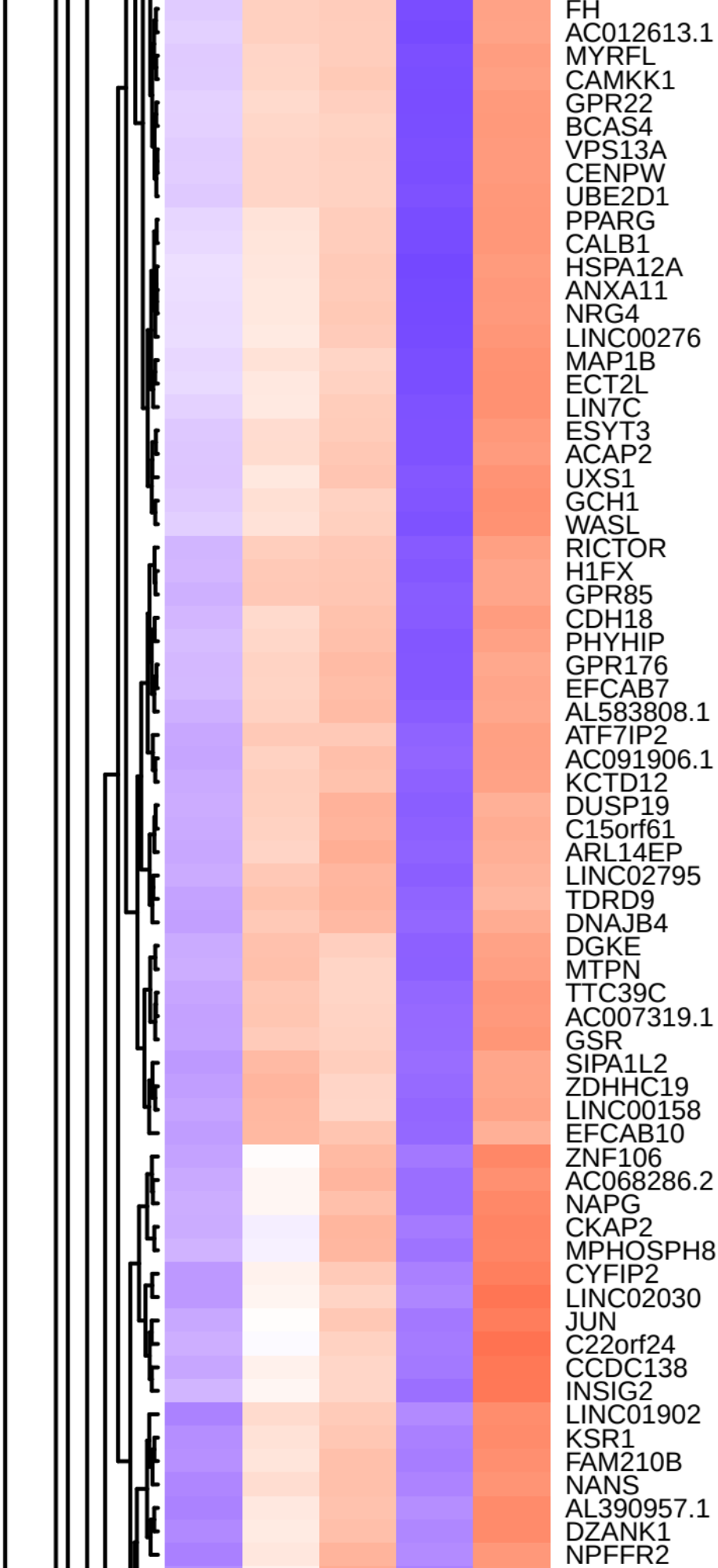

TRIM9
GPR19
WDR37
FER1L5
CEP192
NCKAP1
AC019205.1
ATRN
AL121821.2
AL121578.3
GRIN3A
AC079781.5
MLXIPL
AC092683.1
JAK2
ASTN1
MAML3
PTDSS1
SIPA1L3
BDH1
NLGN4X
MLLT3
ZNF528
HECTD2
PISD
SLC9B2
AMY2B
PGBD5
ZBTB20−AS5
AL391840.3
SLC5A4
LINC00871
CCPG1
PPP4R4
AC079760.2
TENM1
EHD3
SPATC1L
SPAG16
AL138756.1
USP12
KLHDC8A
RSPH1
CBWD5
EYA4
KLF5
AC091138.1
RFX3
ATP2C2
TBC1D4
ADAMTS6
AC091938.1
VSTM2A−OT1
RABGAP1L
KIAA1549
RIMS1
HNRNPC
PAQR9
NEGR1
ZFPM2
PARP8
MPHOSPH6

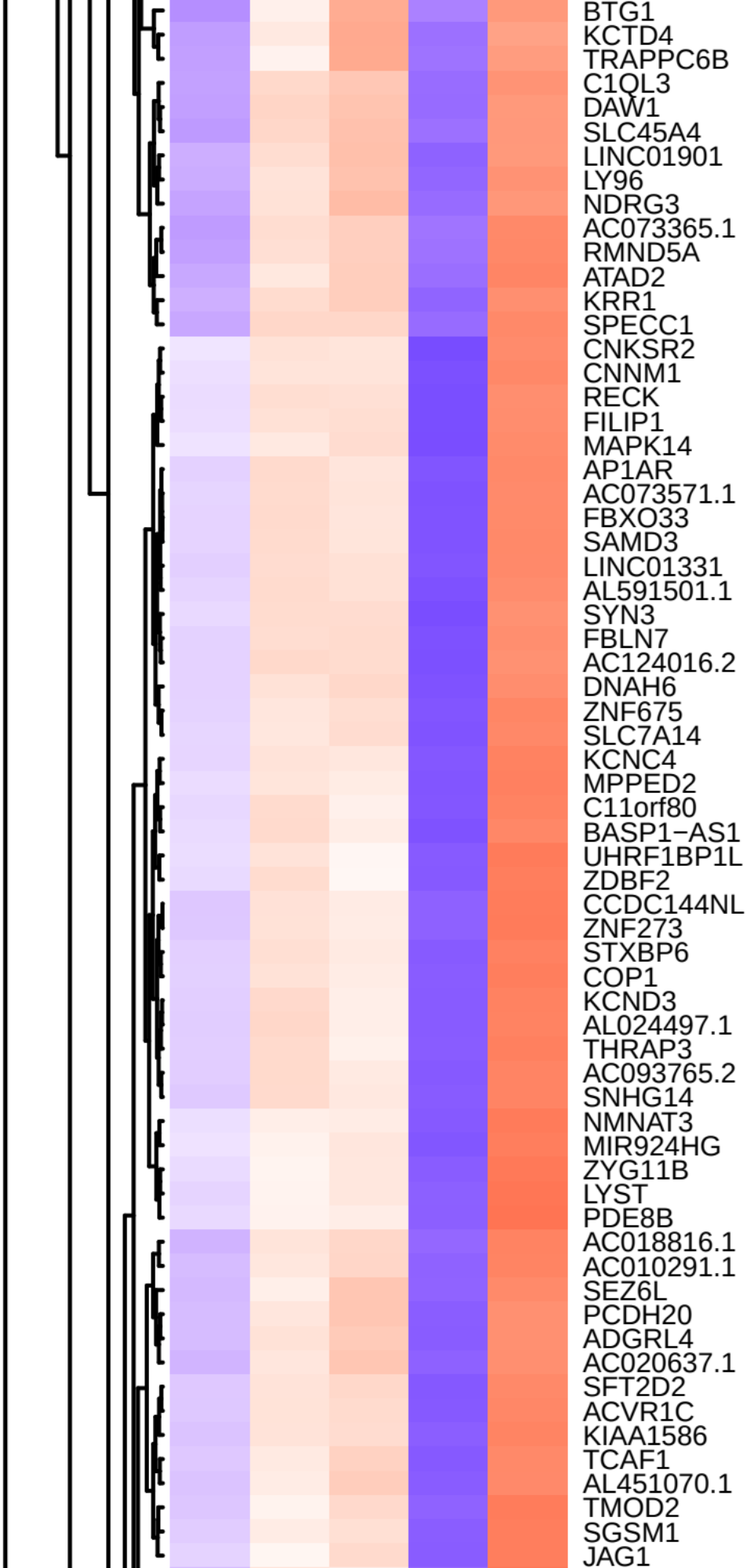

AP1G2
TRIM37
CELF2
AC062028.1
AL353135.2
MED23
AC011625.1
SHISA9
PHTF1
NEK5
AC008067.1
AL590807.1
ARMC9
LIN7A
NCK2
KIF9
MBD5
TRANK1
FAM155A
CUL2
AC005323.2
TMEM74
DCLK1
E2F3
AC073336.1
LARGE1
CWC22
FAT4
SH3BP5
PACRG
KDM1A
NME7
TNPO1
FAM78B
APBA1
CALN1
C8orf34−AS1
SCN9A
RGS7
REL
GOLGA7B
DAB1
CCNC
PPP3CA
MCF2L2
ME3
TRMT11
AC006145.1
LINC02669
SIPA1L1
TRMT9B
TTC3
RIMBP2
SLC35F5
LINC01322
BCL11B
CNIH3
TBC1D1

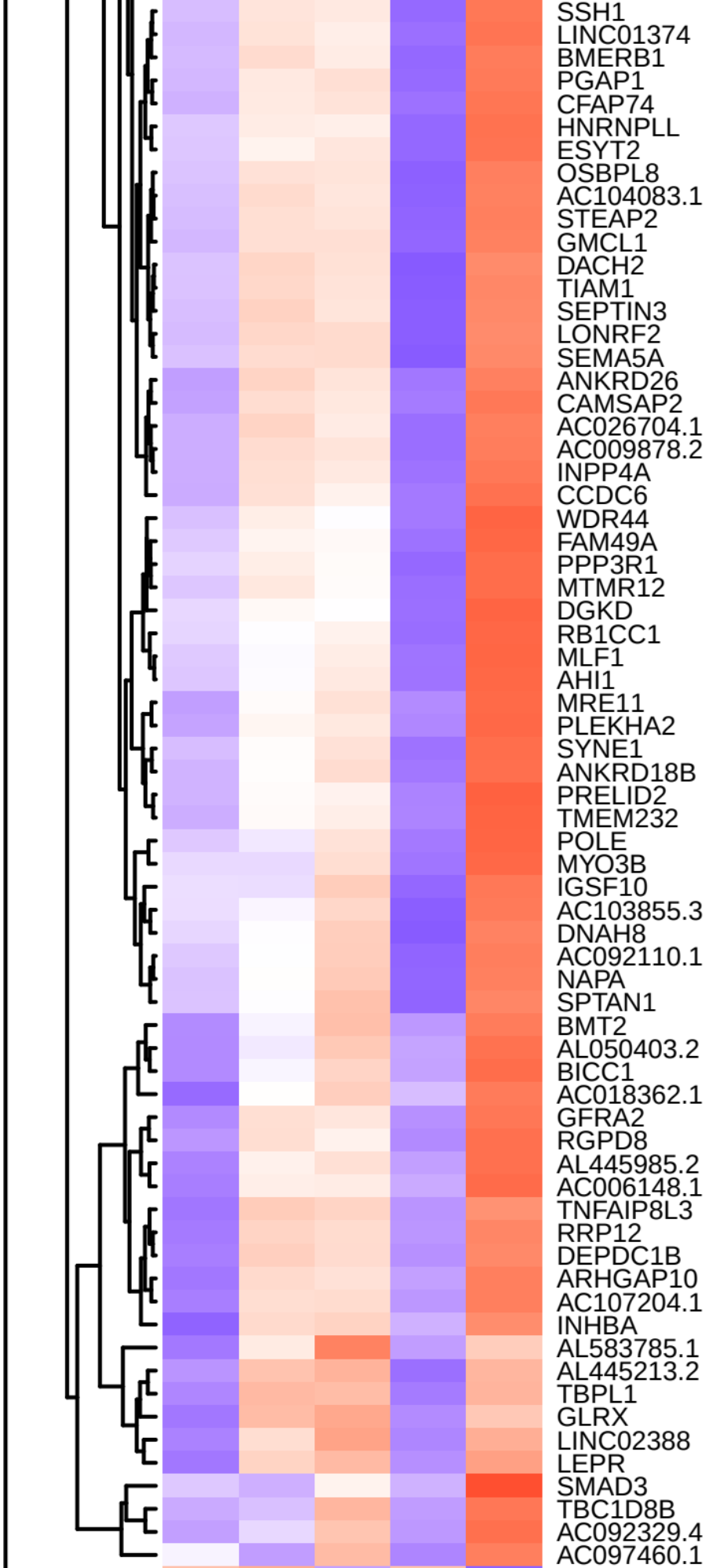

ZNF138
ZNF670
MCTP1
AC097487.1
RAPGEF4
AC106795.3
SHISA6
FAIM2
TMEM108
RAB9B
EPHA6
MYO5B
LRGUK
AC016642.1
ZBBX
PTPN20
LRRC2
FHOD3
ZNF518B
IGSF1
SORL1
AC103855.2
HTR4
SYDE2
CAB39
LONRF3
PLCB1
AC021733.4
CDYL2
LINC02254
PTPRO
LINC02595
MIR4500HG
EFNB3
ZNF831
AC009505.1
AL390783.1
AL591518.1
FAM149A
TTC1
AL589693.1
AC016745.2
SLC24A3
DIAPH2−AS1
SNX32
FSIP1
DIAPH2
FAM66A
SLC1A1
NAAA
CLVS1
TOR1AIP2
PIP5K1B
CSRNP3
SUGP2
C8orf34
MAP2K1
PAQR3
DCC
APMAP
IL1RAP
RMDN2−AS1
SLC35F2
CBWD6
FAM169A

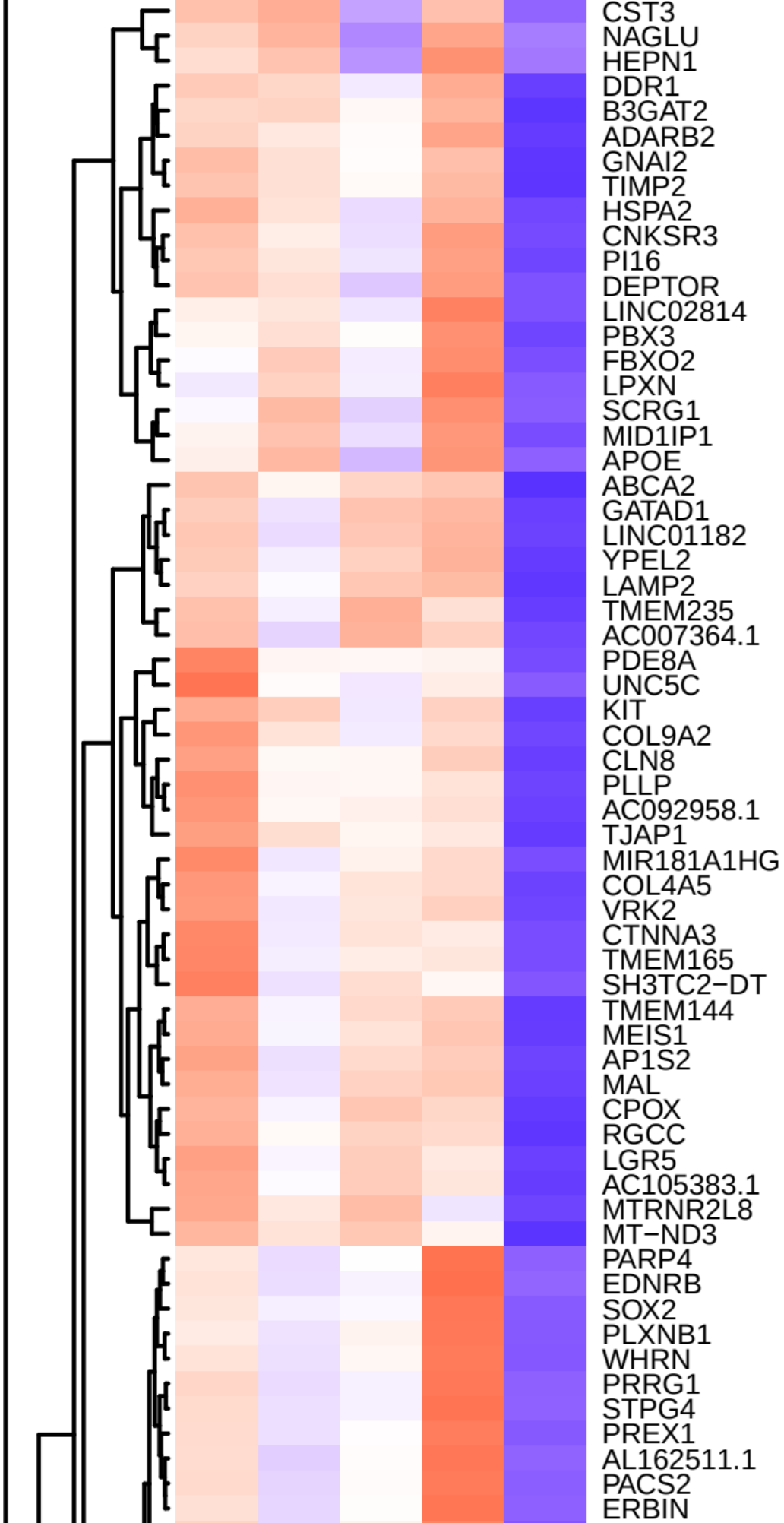

LAMC1
DOCK11
LINC01312
MIPOL1
FAM135B
DIRC3
GALNT18
AL136985.3
AC137770.1
LINC00534
TBC1D31
NUP58
ADRA1A
CSNK1G1
DAPK1
PTGR1
NABP1
AL161717.1
ORAI2
AC138965.2
LINC02334
SLC35F4
SPIDR
DENND2C
PDK3
L2HGDH
FAM155A−IT1
SNURF
CFAP44
SLC12A8
CFAP61
KRAS
DNAH9
PRR16
LRMP
PCBP3
PSMG1
IGFBP3
TEKT1
NPTX2
AL022151.1
LINC02248
MALT1
AL035587.1
CFAP69
BAG4
CHST15
TDRP
KLF12
SPTY2D1
VPS36
UPP2
GSDME
PCDH19
COPS8
AC092652.2
CAPZA2
C8orf86
SLC27A2
CCDC181
EPHA5
ICE1

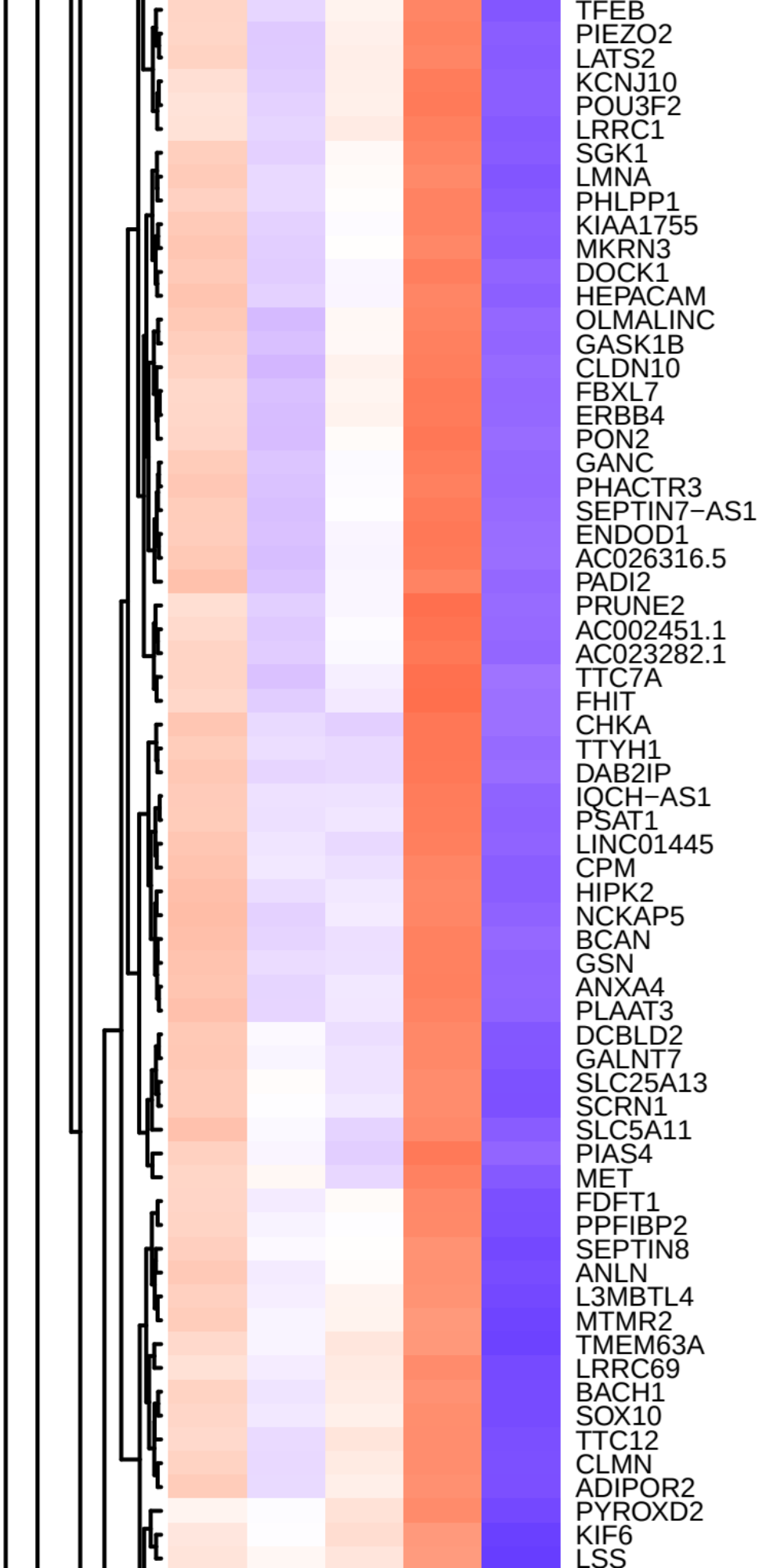

DERL1
CD24
GABRQ
AC093765.3
WDR19
NCDN
AC022424.1
RAPGEF4−AS1
ANKRD42
RNF128
IFI6
LINC01789
LAMP5
CEBPD
CERS6
ZC3H8
P3H2−AS1
AL365361.1
SPON2
TMEM72−AS1
ITGA8
GPRIN1
RIPOR2
AL080273.1
CATSPER2
ZBED9
ZNF420
MBTPS1
AL356295.1
SCAMP1
CCDC149
AC097467.3
THOC3
FHL1
AC073332.1
TAMM41
KCNJ3
ATP7B
AC016152.1
PAM
PEA15
CLSPN
MYLK3
AL162426.1
PLPPR5
WDHD1
SERTM1
SLC35F3
C2orf81
FLRT3
SLC30A3
NAGPA
LINC01963
PDE5A
CHMP3
CREG2

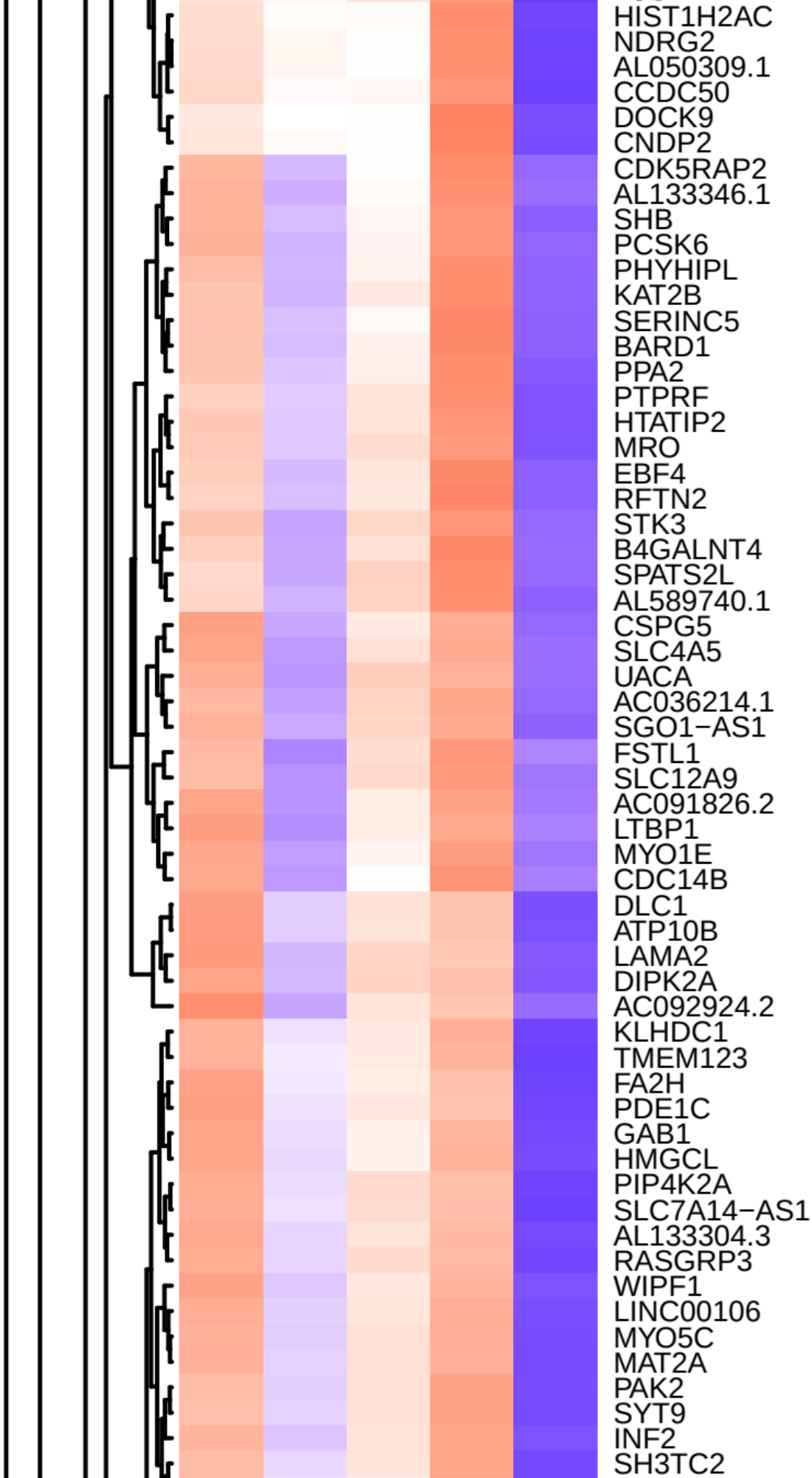

FH
AC012613.1
MYRFL
CAMKK1
GPR22
BCAS4
VPS13A
CENPW
UBE2D1
PPARG
CALB1
HSPA12A
ANXA11
NRG4
LINC00276
MAP1B
ECT2L
LIN7C
ESYT3
ACAP2
UXS1
GCH1
WASL
RICTOR
H1FX
GPR85
CDH18
PHYHIP
GPR176
EFCAB7
AL583808.1
ATF7IP2
AC091906.1
KCTD12
DUSP19
C15orf61
ARL14EP
LINC02795
TDRD9
DNAJB4
DGKE
MTPN
TTC39C
AC007319.1
GSR
SIPA1L2
ZDHHC19
LINC00158
EFCAB10
ZNF106
AC068286.2
NAPG
CKAP2
MPHOSPH8
CYFIP2
LINC02030
JUN
C22orf24
CCDC138
INSIG2
LINC01902
KSR1
FAM210B
NANS
AL390957.1
DZANK1
NPFFR2

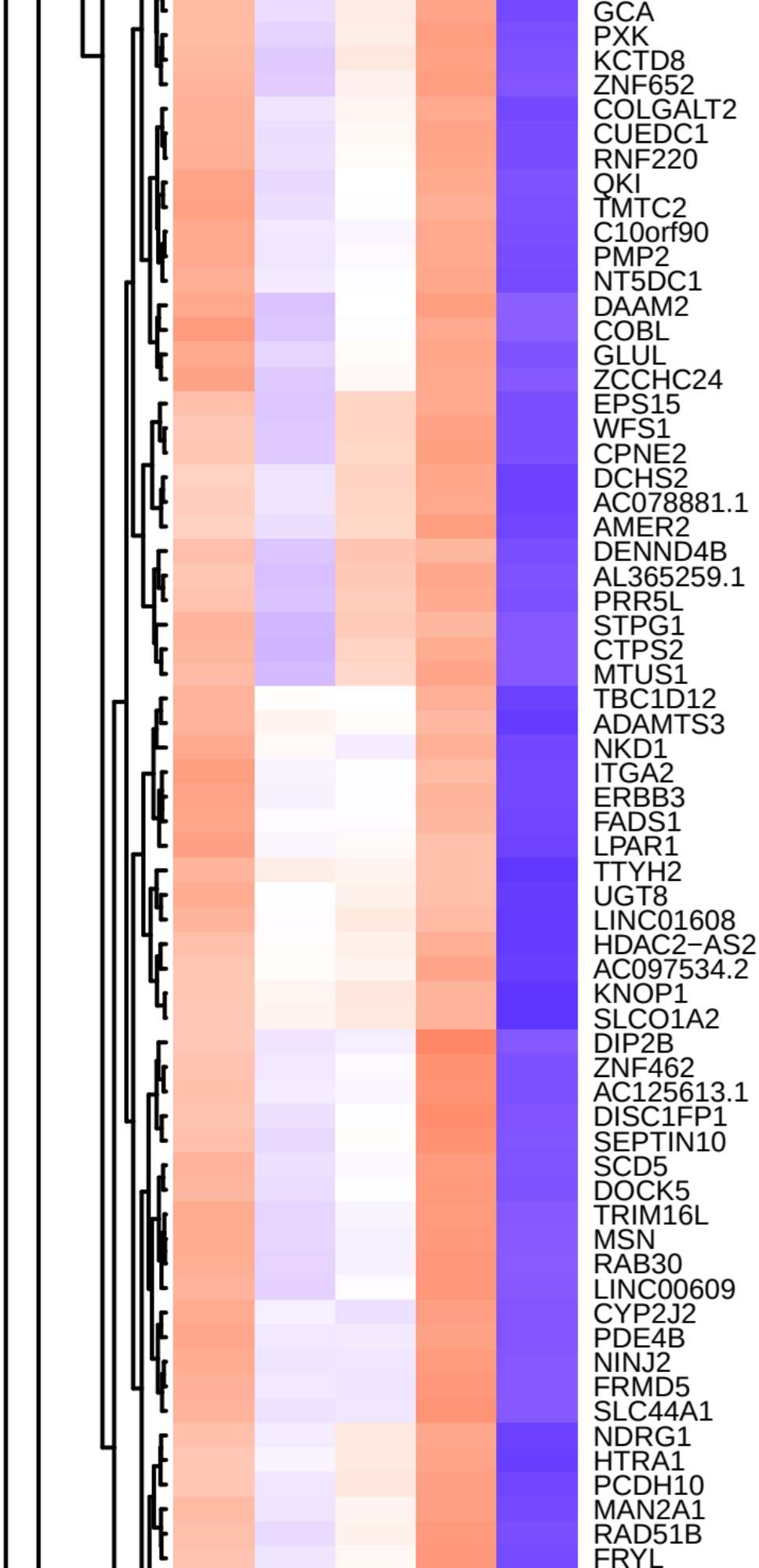

BTG1
KCTD4
TRAPPC6B
C1QL3
DAW1
SLC45A4
LINC01901
LY96
NDRG3
AC073365.1
RMND5A
ATAD2
KRR1
SPECC1
CNKSR2
CNNM1
RECK
FILIP1
MAPK14
AP1AR
AC073571.1
FBXO33
SAMD3
LINC01331
AL591501.1
SYN3
FBLN7
AC124016.2
DNAH6
ZNF675
SLC7A14
KCNC4
MPPED2
C11orf80
BASP1−AS1
UHRF1BP1L
ZDBF2
CCDC144NL
ZNF273
STXBP6
COP1
KCND3
AL024497.1
THRAP3
AC093765.2
SNHG14
NMNAT3
MIR924HG
ZYG11B
LYST
PDE8B
AC018816.1
AC010291.1
SEZ6L
PCDH20
ADGRL4
AC020637.1
SFT2D2
ACVR1C
KIAA1586
TCAF1
AL451070.1
TMOD2
SGSM1
JAG1

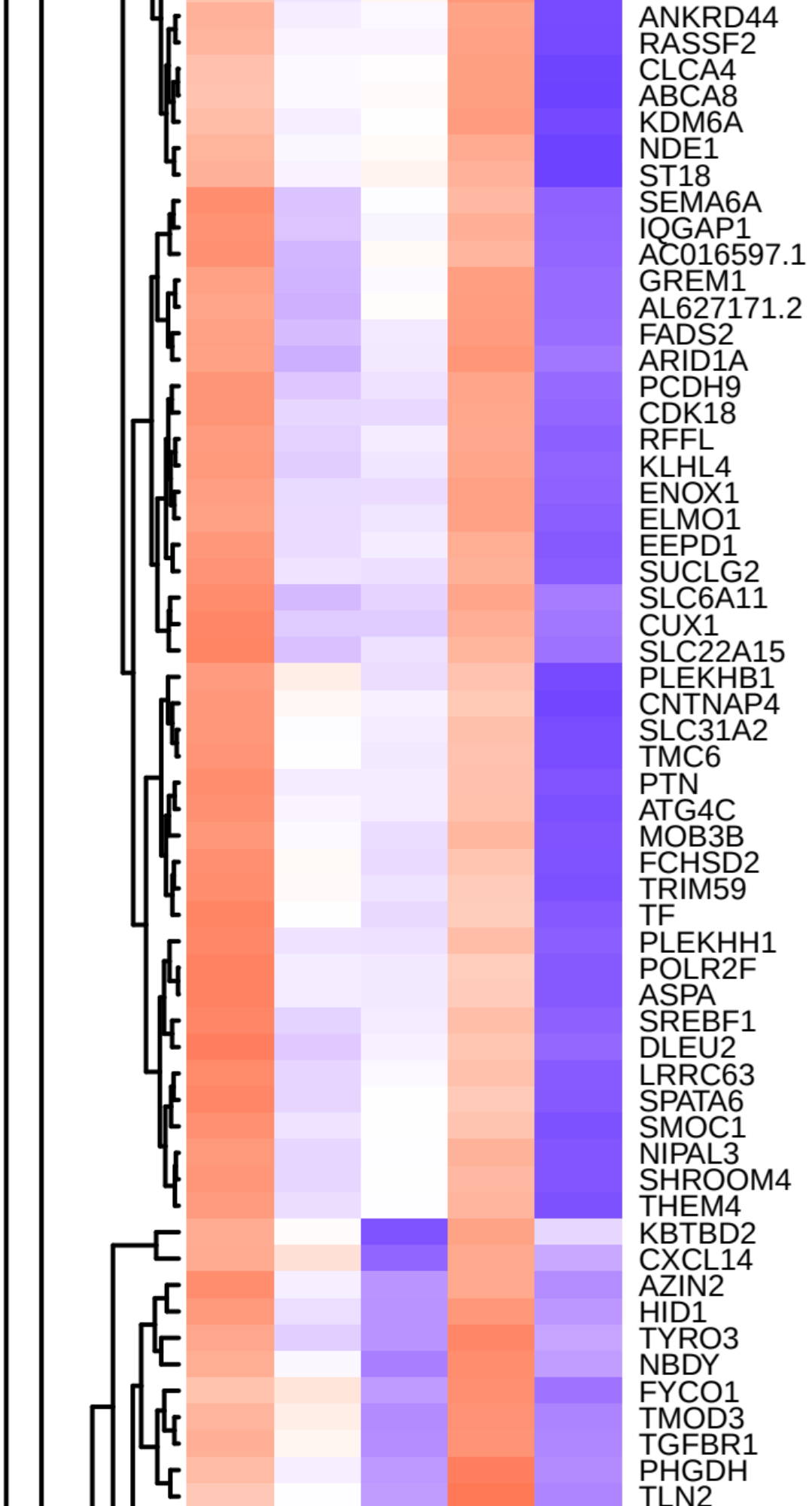

SSH1
LINC01374
BMERB1
PGAP1
CFAP74
HNRNPLL
ESYT2
OSBPL8
AC104083.1
STEAP2
GMCL1
DACH2
TIAM1
SEPTIN3
LONRF2
SEMA5A
ANKRD26
CAMSAP2
AC026704.1
AC009878.2
INPP4A
CCDC6
WDR44
FAM49A
PPP3R1
MTMR12
DGKD
RB1CC1
MLF1
AHI1
MRE11
PLEKHA2
SYNE1
ANKRD18B
PRELID2
TMEM232
POLE
MYO3B
IGSF10
AC103855.3
DNAH8
AC092110.1
NAPA
SPTAN1
BMT2
AL050403.2
BICC1
AC018362.1
GFRA2
RGPD8
AL445985.2
AC006148.1
TNFAIP8L3
RRP12
DEPDC1B
ARHGAP10
AC107204.1
INHBA
AL583785.1
AL445213.2
TBPL1
GLRX
LINC02388
LEPR
SMAD3
TBC1D8B
AC092329.4
AC097460.1

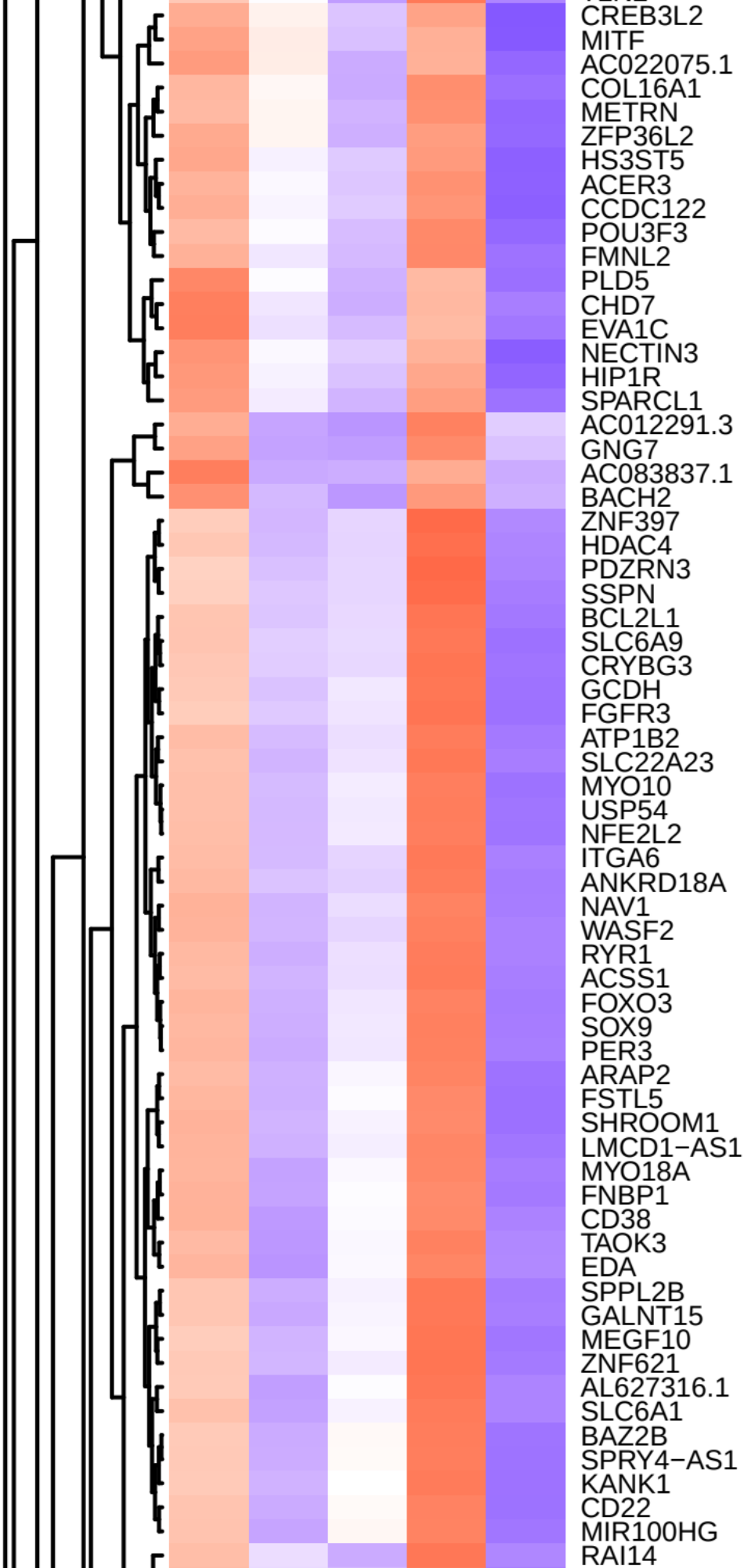

CST3
NAGLU
HEPN1
DDR1
B3GAT2
ADARB2
GNAI2
TIMP2
HSPA2
CNKSR3
PI16
DEPTOR
LINC02814
PBX3
FBXO2
LPXN
SCRG1
MID1IP1
APOE
ABCA2
GATAD1
LINC01182
YPEL2
LAMP2
TMEM235
AC007364.1
PDE8A
UNC5C
KIT
COL9A2
CLN8
PLLP
AC092958.1
TJAP1
MIR181A1HG
COL4A5
VRK2
CTNNA3
TMEM165
SH3TC2−DT
TMEM144
MEIS1
AP1S2
MAL
CPOX
RGCC
LGR5
AC105383.1
MTRNR2L8
MT−ND3
PARP4
EDNRB
SOX2
PLXNB1
WHRN
PRRG1
STPG4
PREX1
AL162511.1
PACS2
ERBIN

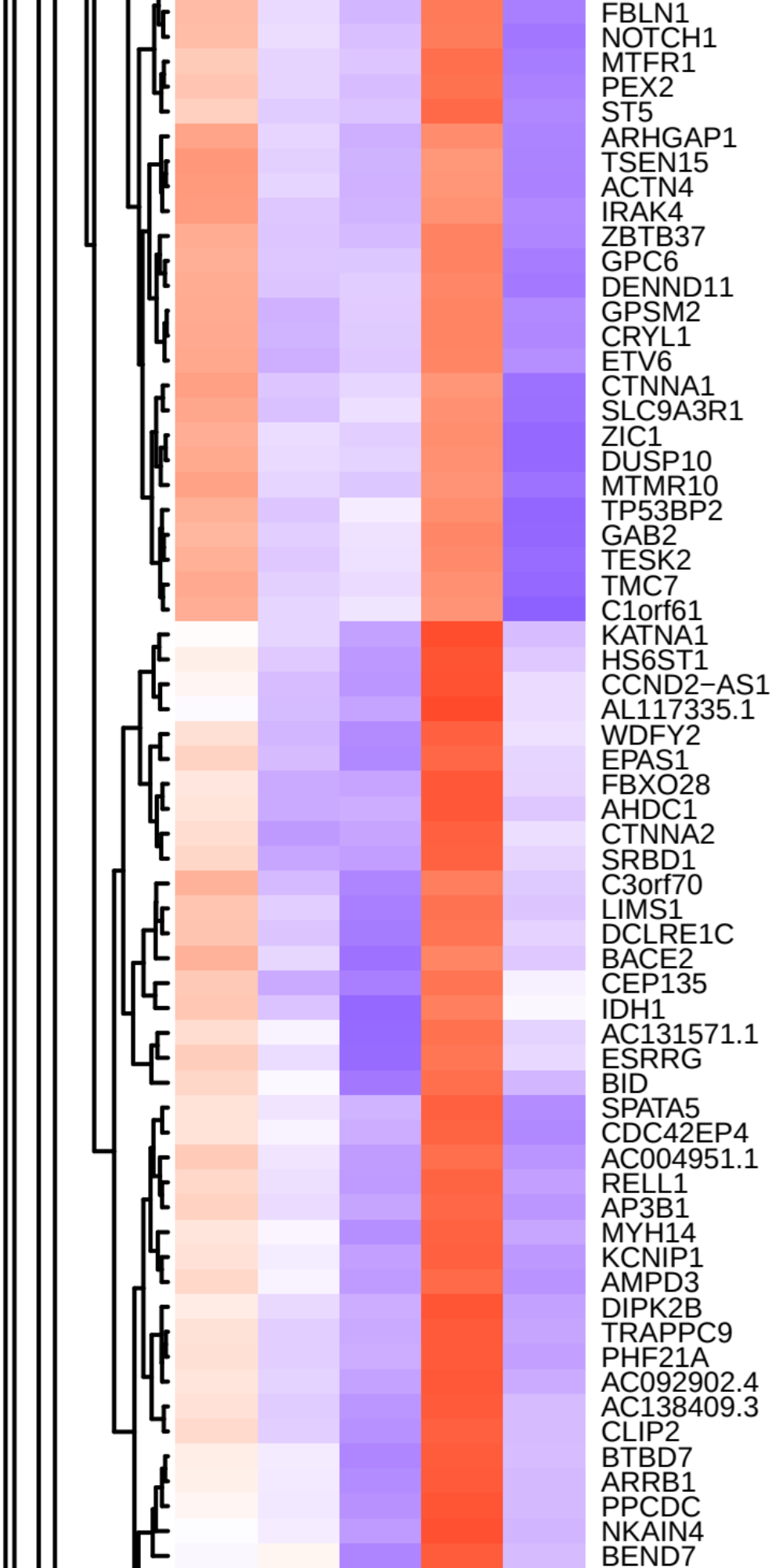

TFEB
PIEZO2
LATS2
KCNJ10
POU3F2
LRRC1
SGK1
LMNA
PHLPP1
KIAA1755
MKRN3
DOCK1
HEPACAM
OLMALINC
GASK1B
CLDN10
FBXL7
ERBB4
PON2
GANC
PHACTR3
SEPTIN7−AS1
ENDOD1
AC026316.5
PADI2
PRUNE2
AC002451.1
AC023282.1
TTC7A
FHIT
CHKA
TTYH1
DAB2IP
IQCH−AS1
PSAT1
LINC01445
CPM
HIPK2
NCKAP5
BCAN
GSN
ANXA4
PLAAT3
DCBLD2
GALNT7
SLC25A13
SCRN1
SLC5A11
PIAS4
MET
FDFT1
PPFIBP2
SEPTIN8
ANLN
L3MBTL4
MTMR2
TMEM63A
LRRC69
BACH1
SOX10
TTC12
CLMN
ADIPOR2
PYROXD2
KIF6
LSS

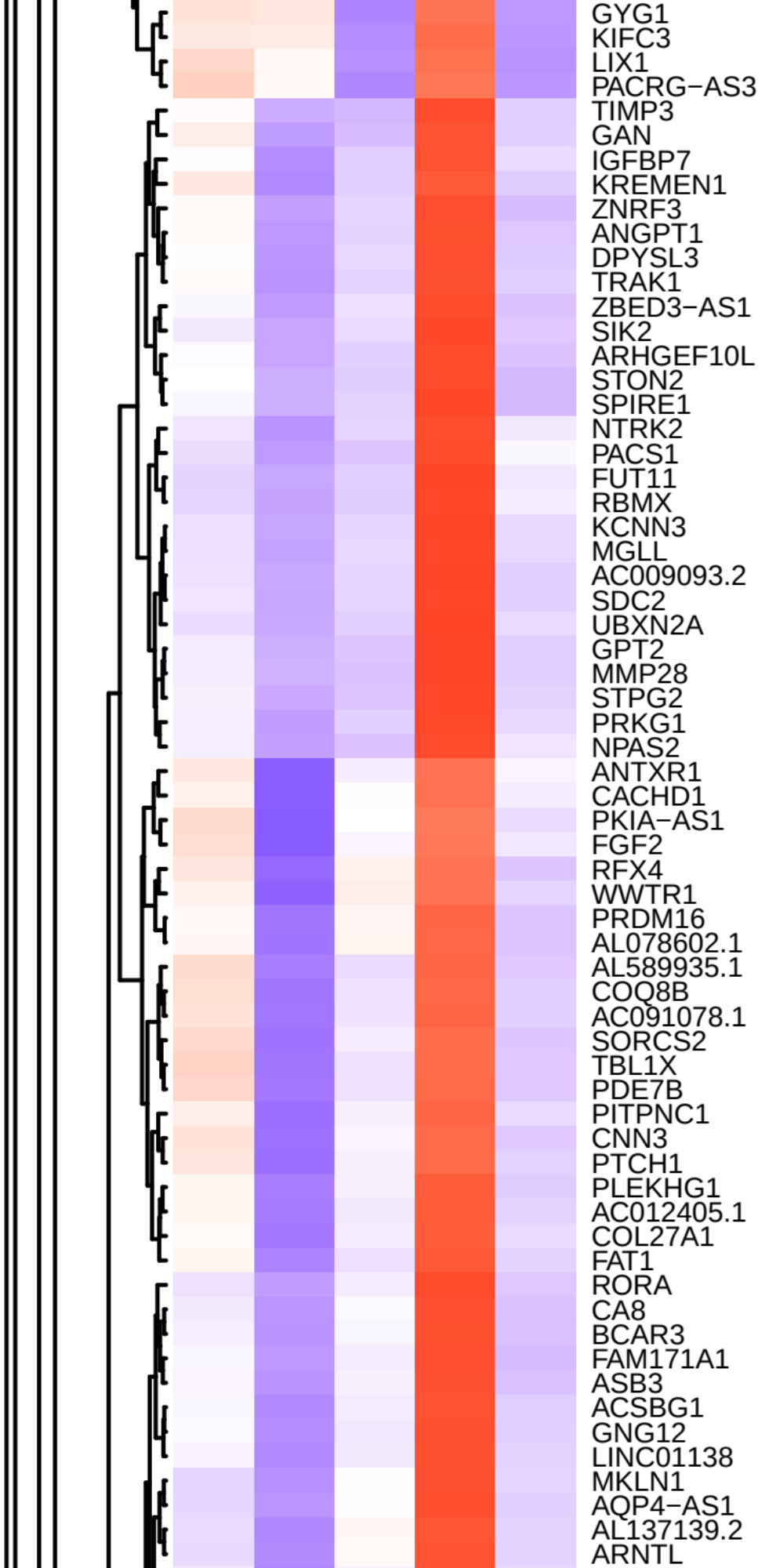

HIST1H2AC
NDRG2
AL050309.1
CCDC50
DOCK9
CNDP2
CDK5RAP2
AL133346.1
SHB
PCSK6
PHYHIPL
KAT2B
SERINC5
BARD1
PPA2
PTPRF
HTATIP2
MRO
EBF4
RFTN2
STK3
B4GALNT4
SPATS2L
AL589740.1
CSPG5
SLC4A5
UACA
AC036214.1
SGO1−AS1
FSTL1
SLC12A9
AC091826.2
LTBP1
MYO1E
CDC14B
DLC1
ATP10B
LAMA2
DIPK2A
AC092924.2
KLHDC1
TMEM123
FA2H
PDE1C
GAB1
HMGCL
PIP4K2A
SLC7A14−AS1
AL133304.3
RASGRP3
WIPF1
LINC00106
MYO5C
MAT2A
PAK2
SYT9
INF2
SH3TC2

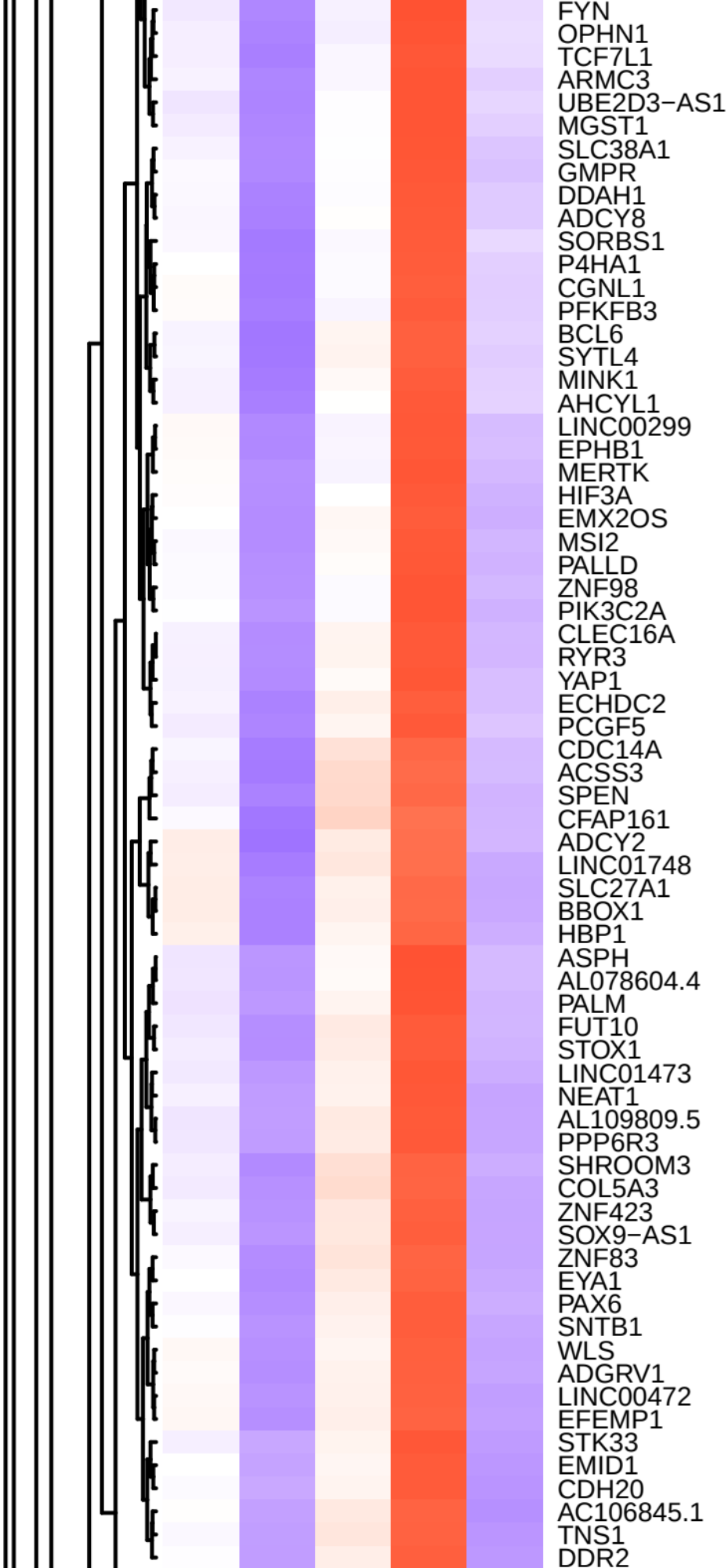

GCA
PXK
KCTD8
ZNF652
COLGALT2
CUEDC1
RNF220
QKI
TMTC2
C10orf90
PMP2
NT5DC1
DAAM2
COBL
GLUL
ZCCHC24
EPS15
WFS1
CPNE2
DCHS2
AC078881.1
AMER2
DENND4B
AL365259.1
PRR5L
STPG1
CTPS2
MTUS1
TBC1D12
ADAMTS3
NKD1
ITGA2
ERBB3
FADS1
LPAR1
TTYH2
UGT8
LINC01608
HDAC2−AS2
AC097534.2
KNOP1
SLCO1A2
DIP2B
ZNF462
AC125613.1
DISC1FP1
SEPTIN10
SCD5
DOCK5
TRIM16L
MSN
RAB30
LINC00609
CYP2J2
PDE4B
NINJ2
FRMD5
SLC44A1
NDRG1
HTRA1
PCDH10
MAN2A1
RAD51B
FRYL

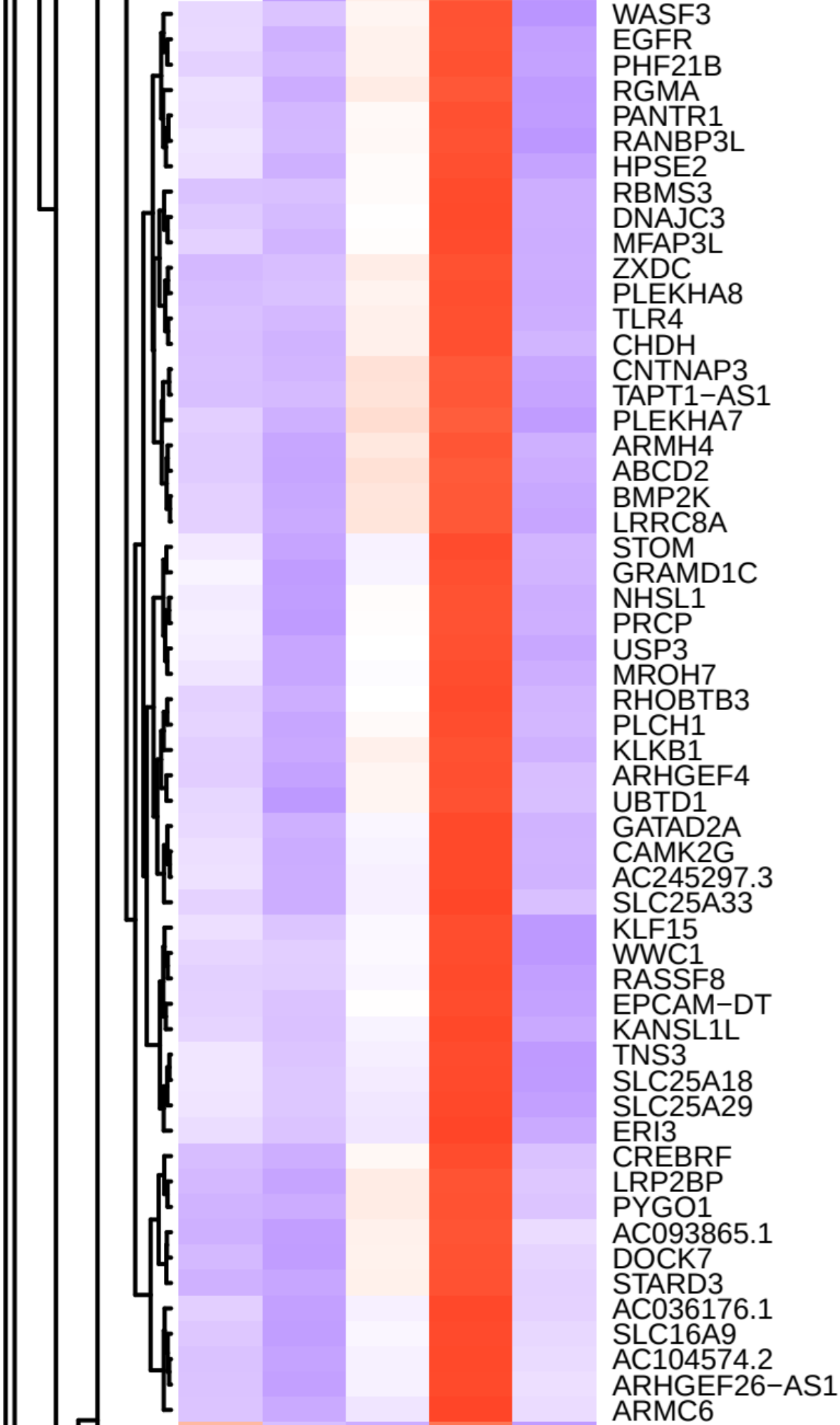

ANKRD44
RASSF2
CLCA4
ABCA8
KDM6A
NDE1
ST18
SEMA6A
IQGAP1
AC016597.1
GREM1
AL627171.2
FADS2
ARID1A
PCDH9
CDK18
RFFL
KLHL4
ENOX1
ELMO1
EEPD1
SUCLG2
SLC6A11
CUX1
SLC22A15
PLEKHB1
CNTNAP4
SLC31A2
TMC6
PTN
ATG4C
MOB3B
FCHSD2
TRIM59
TF
PLEKHH1
POLR2F
ASPA
SREBF1
DLEU2
LRRC63
SPATA6
SMOC1
NIPAL3
SHROOM4
THEM4
KBTBD2
CXCL14
AZIN2
HID1
TYRO3
NBDY
FYCO1
TMOD3
TGFBR1
PHGDH
TLN2

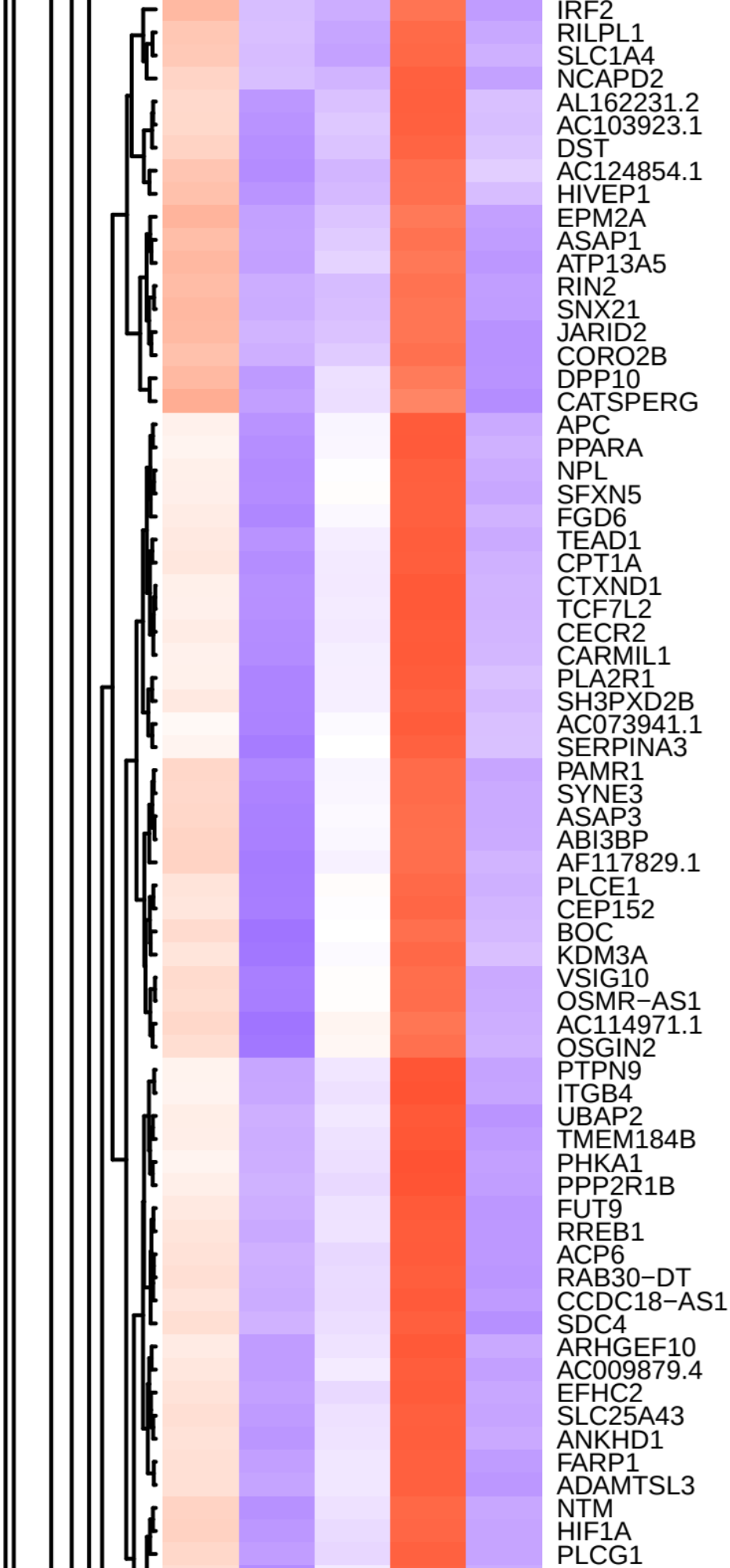

CREB3L2
MITF
AC022075.1
COL16A1
METRN
ZFP36L2
HS3ST5
ACER3
CCDC122
POU3F3
FMNL2
PLD5
CHD7
EVA1C
NECTIN3
HIP1R
SPARCL1
AC012291.3
GNG7
AC083837.1
BACH2
ZNF397
HDAC4
PDZRN3
SSPN
BCL2L1
SLC6A9
CRYBG3
GCDH
FGFR3
ATP1B2
SLC22A23
MYO10
USP54
NFE2L2
ITGA6
ANKRD18A
NAV1
WASF2
RYR1
ACSS1
FOXO3
SOX9
PER3
ARAP2
FSTL5
SHROOM1
LMCD1−AS1
MYO18A
FNBP1
CD38
TAOK3
EDA
SPPL2B
GALNT15
MEGF10
ZNF621
AL627316.1
SLC6A1
BAZ2B
SPRY4−AS1
KANK1
CD22
MIR100HG
RAI14

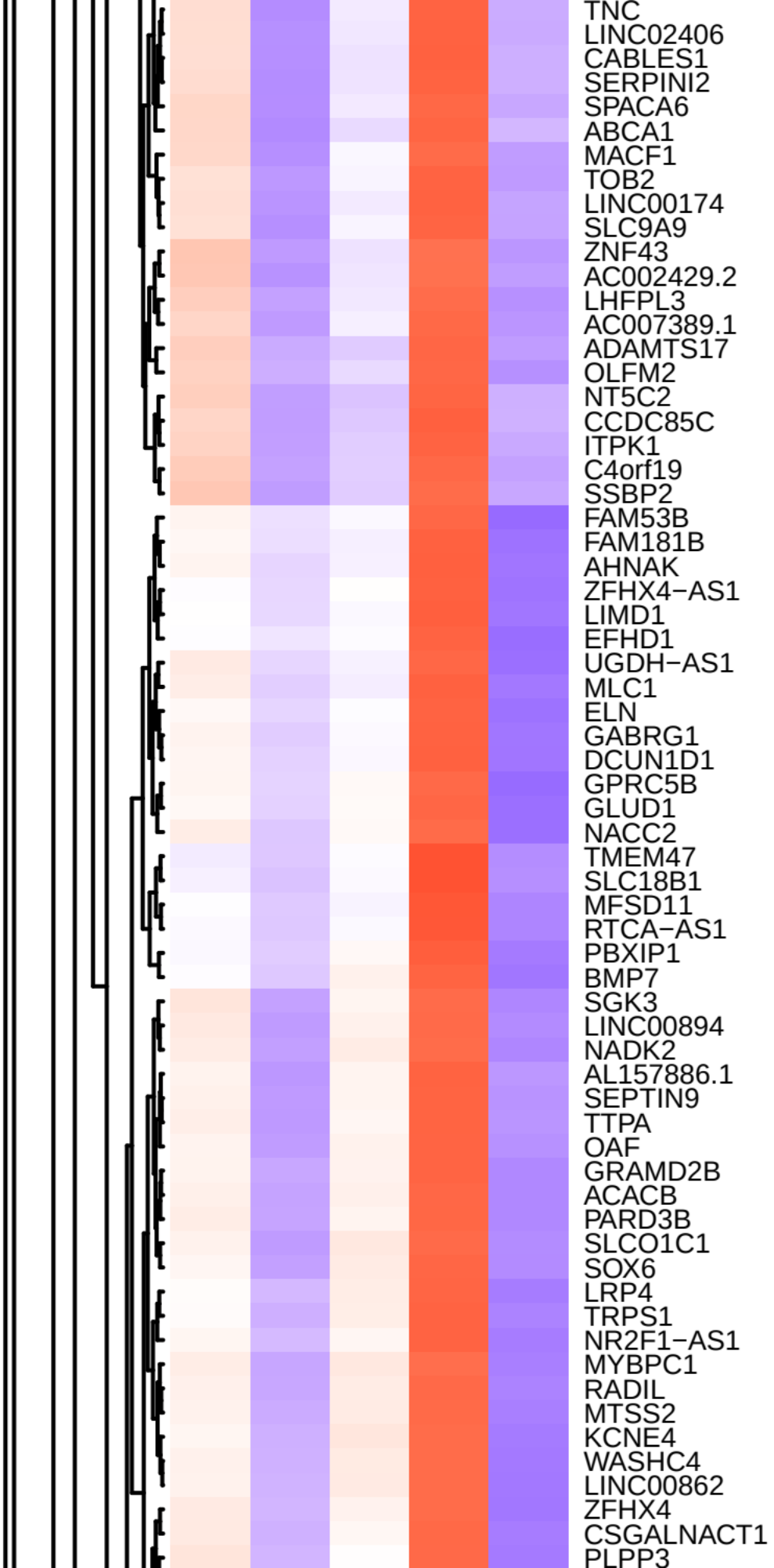

FBLN1
NOTCH1
MTFR1
PEX2
ST5
ARHGAP1
TSEN15
ACTN4
IRAK4
ZBTB37
GPC6
DENND11
GPSM2
CRYL1
ETV6
CTNNA1
SLC9A3R1
ZIC1
DUSP10
MTMR10
TP53BP2
GAB2
TESK2
TMC7
C1orf61
KATNA1
HS6ST1
CCND2−AS1
AL117335.1
WDFY2
EPAS1
FBXO28
AHDC1
CTNNA2
SRBD1
C3orf70
LIMS1
DCLRE1C
BACE2
CEP135
IDH1
AC131571.1
ESRRG
BID
SPATA5
CDC42EP4
AC004951.1
RELL1
AP3B1
MYH14
KCNIP1
AMPD3
DIPK2B
TRAPPC9
PHF21A
AC092902.4
AC138409.3
CLIP2
BTBD7
ARRB1
PPCDC
NKAIN4
BEND7

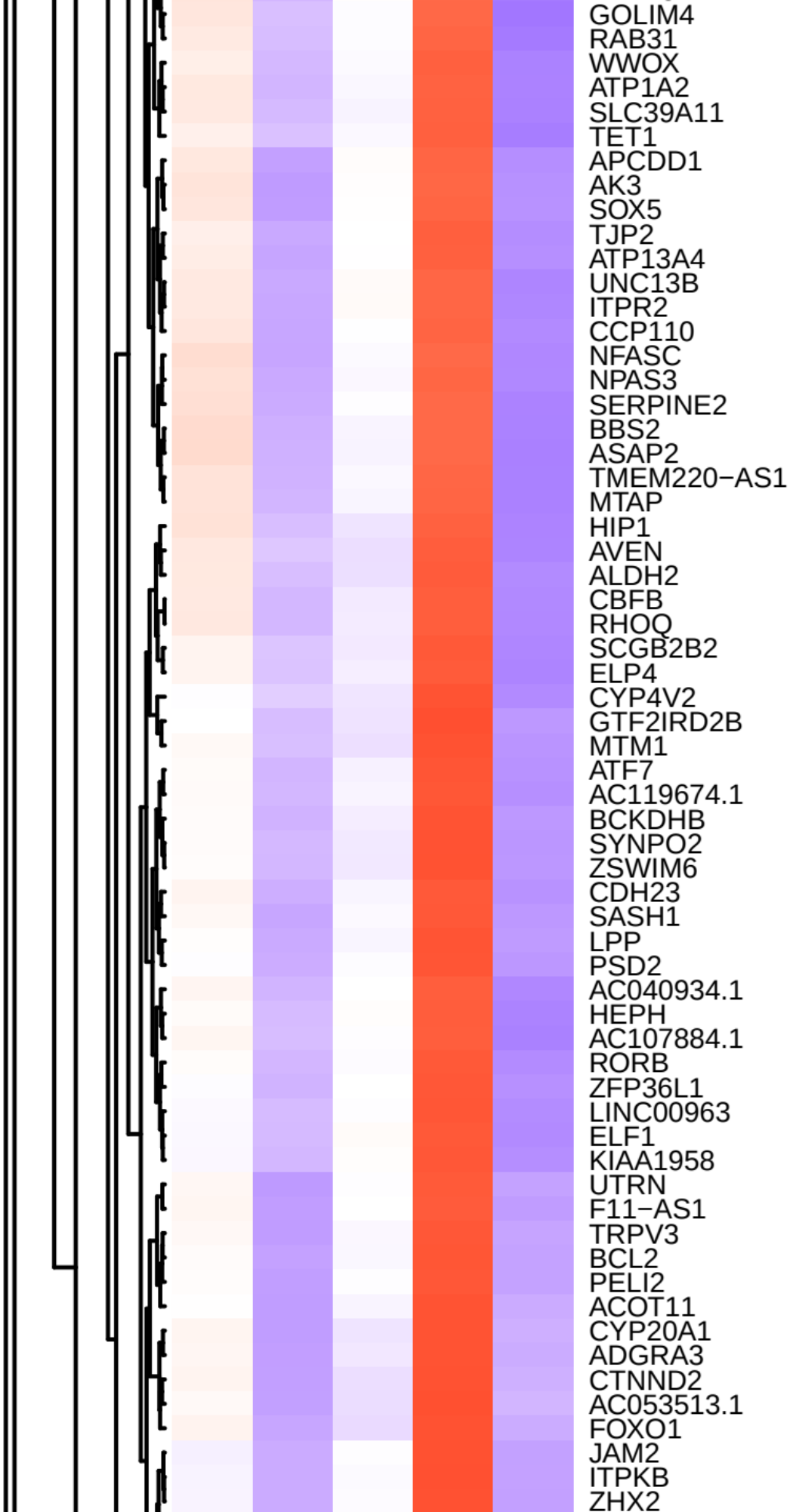

GYG1
KIFC3
LIX1
PACRG−AS3
TIMP3
GAN
IGFBP7
KREMEN1
ZNRF3
ANGPT1
DPYSL3
TRAK1
ZBED3−AS1
SIK2
ARHGEF10L
STON2
SPIRE1
NTRK2
PACS1
FUT11
RBMX
KCNN3
MGLL
AC009093.2
SDC2
UBXN2A
GPT2
MMP28
STPG2
PRKG1
NPAS2
ANTXR1
CACHD1
PKIA−AS1
FGF2
RFX4
WWTR1
PRDM16
AL078602.1
AL589935.1
COQ8B
AC091078.1
SORCS2
TBL1X
PDE7B
PITPNC1
CNN3
PTCH1
PLEKHG1
AC012405.1
COL27A1
FAT1
RORA
CA8
BCAR3
FAM171A1
ASB3
ACSBG1
GNG12
LINC01138
MKLN1
AQP4−AS1
AL137139.2
ARNTL

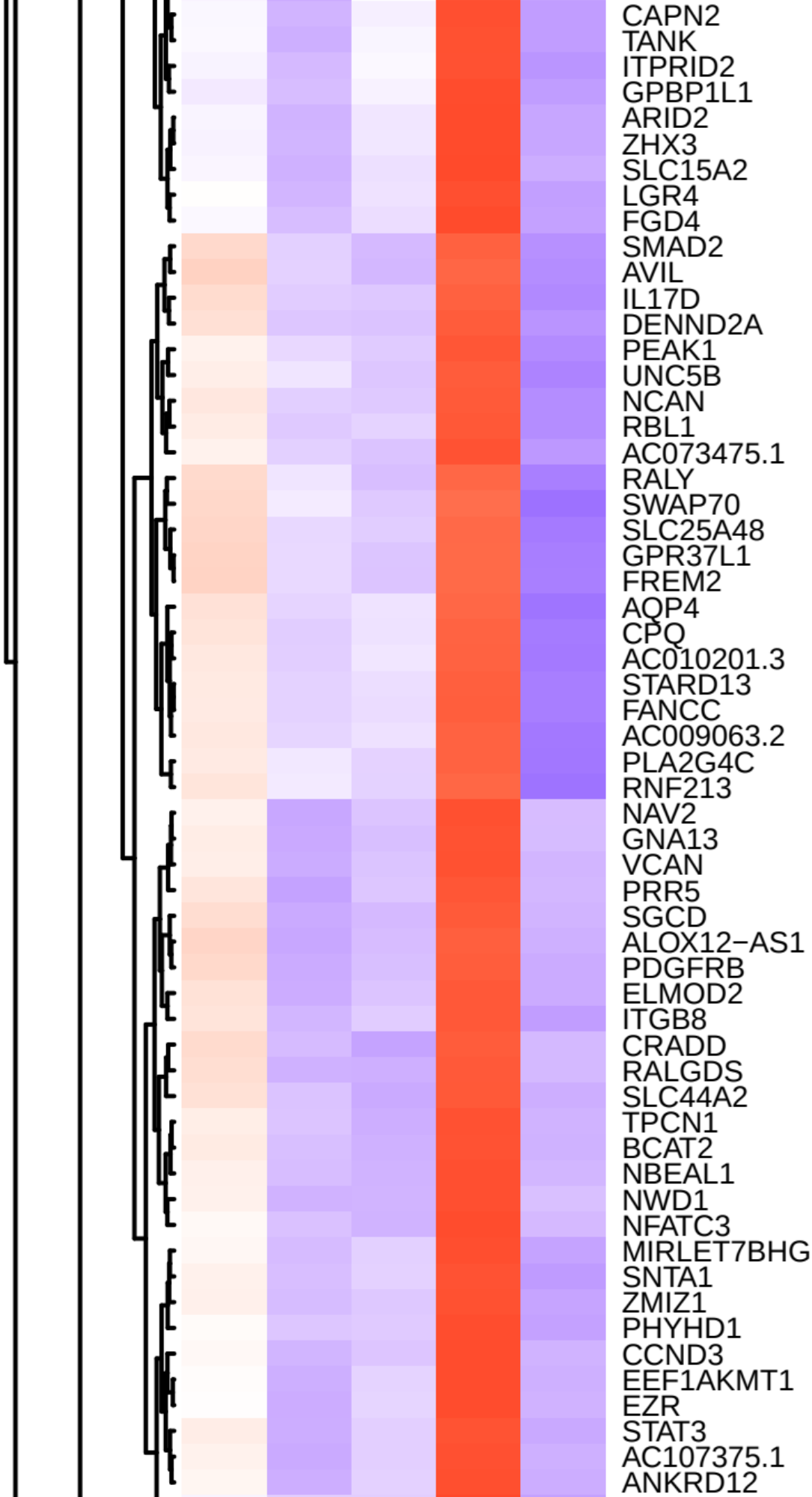

FYN
OPHN1
TCF7L1
ARMC3
UBE2D3−AS1
MGST1
SLC38A1
GMPR
DDAH1
ADCY8
SORBS1
P4HA1
CGNL1
PFKFB3
BCL6
SYTL4
MINK1
AHCYL1
LINC00299
EPHB1
MERTK
HIF3A
EMX2OS
MSI2
PALLD
ZNF98
PIK3C2A
CLEC16A
RYR3
YAP1
ECHDC2
PCGF5
CDC14A
ACSS3
SPEN
CFAP161
ADCY2
LINC01748
SLC27A1
BBOX1
HBP1
ASPH
AL078604.4
PALM
FUT10
STOX1
LINC01473
NEAT1
AL109809.5
PPP6R3
SHROOM3
COL5A3
ZNF423
SOX9−AS1
ZNF83
EYA1
PAX6
SNTB1
WLS
ADGRV1
LINC00472
EFEMP1
STK33
EMID1
CDH20
AC106845.1
TNS1
DDR2

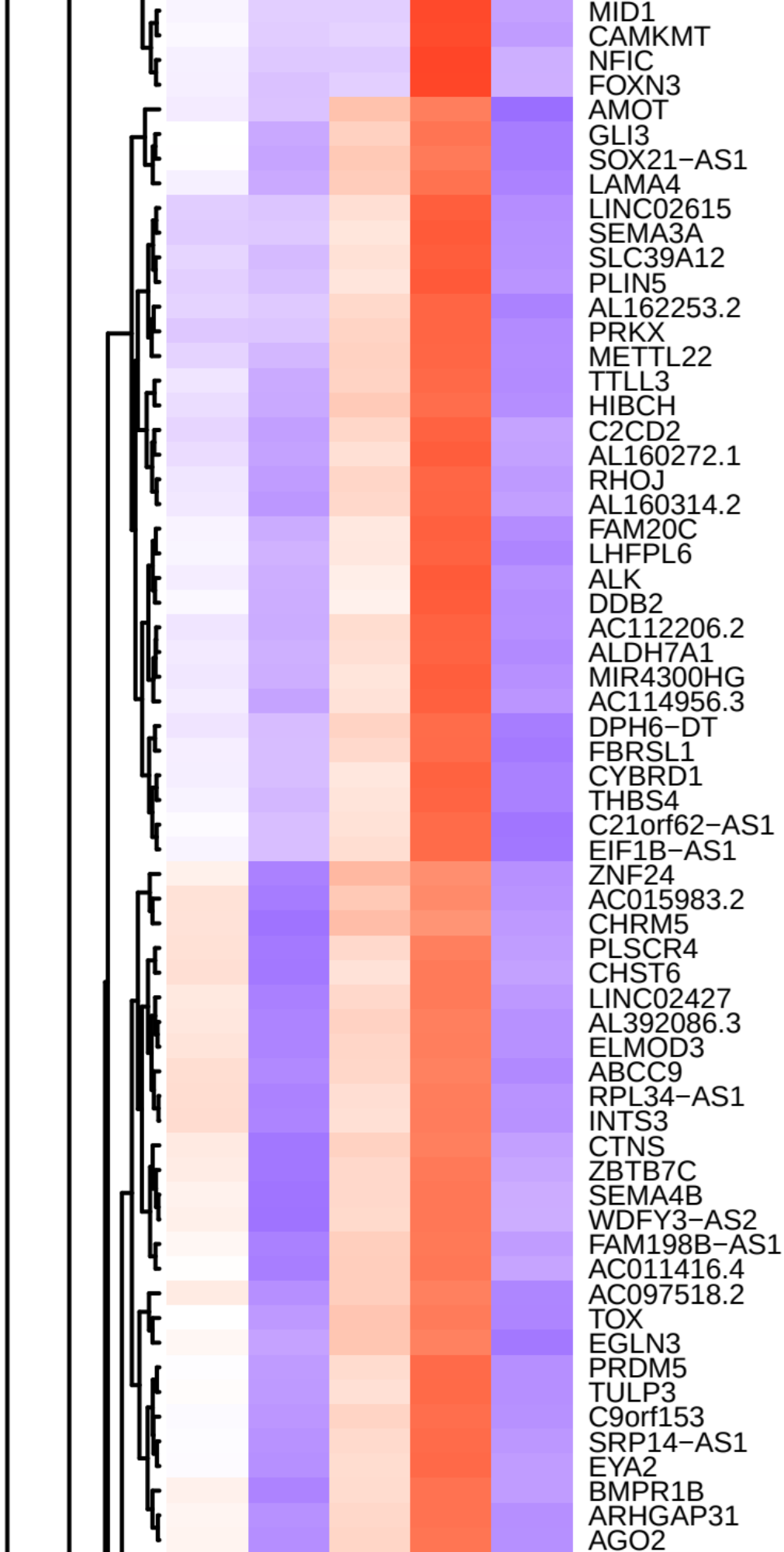

WASF3
EGFR
PHF21B
RGMA
PANTR1
RANBP3L
HPSE2
RBMS3
DNAJC3
MFAP3L
ZXDC
PLEKHA8
TLR4
CHDH
CNTNAP3
TAPT1−AS1
PLEKHA7
ARMH4
ABCD2
BMP2K
LRRC8A
STOM
GRAMD1C
NHSL1
PRCP
USP3
MROH7
RHOBTB3
PLCH1
KLKB1
ARHGEF4
UBTD1
GATAD2A
CAMK2G
AC245297.3
SLC25A33
KLF15
WWC1
RASSF8
EPCAM−DT
KANSL1L
TNS3
SLC25A18
SLC25A29
ERI3
CREBRF
LRP2BP
PYGO1
AC093865.1
DOCK7
STARD3
AC036176.1
SLC16A9
AC104574.2
ARHGEF26−AS1
ARMC6

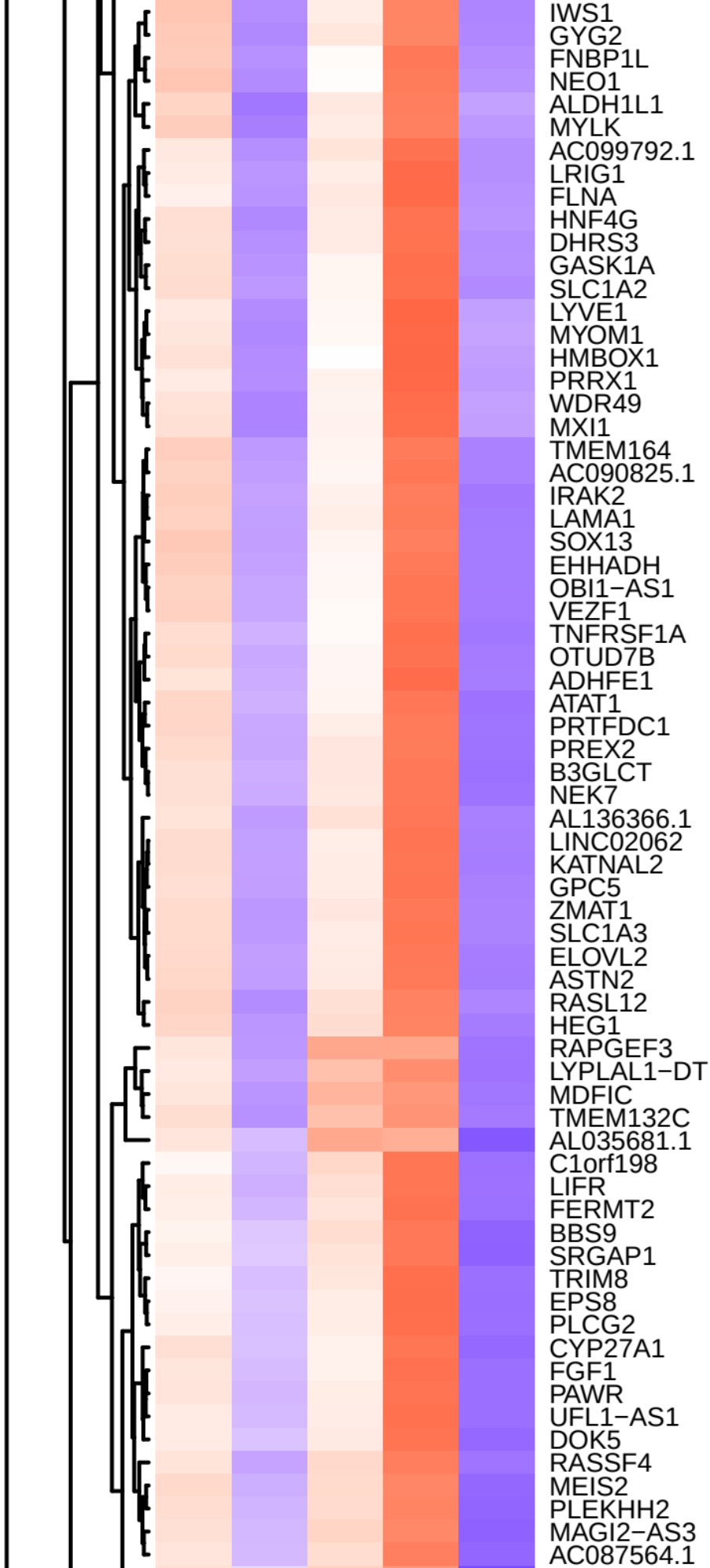

IRF2
RILPL1
SLC1A4
NCAPD2
AL162231.2
AC103923.1
DST
AC124854.1
HIVEP1
EPM2A
ASAP1
ATP13A5
RIN2
SNX21
JARID2
CORO2B
DPP10
CATSPERG
APC
PPARA
NPL
SFXN5
FGD6
TEAD1
CPT1A
CTXND1
TCF7L2
CECR2
CARMIL1
PLA2R1
SH3PXD2B
AC073941.1
SERPINA3
PAMR1
SYNE3
ASAP3
ABI3BP
AF117829.1
PLCE1
CEP152
BOC
KDM3A
VSIG10
OSMR−AS1
AC114971.1
OSGIN2
PTPN9
ITGB4
UBAP2
TMEM184B
PHKA1
PPP2R1B
FUT9
RREB1
ACP6
RAB30−DT
CCDC18−AS1
SDC4
ARHGEF10
AC009879.4
EFHC2
SLC25A43
ANKHD1
FARP1
ADAMTSL3
NTM
HIF1A
PLCG1

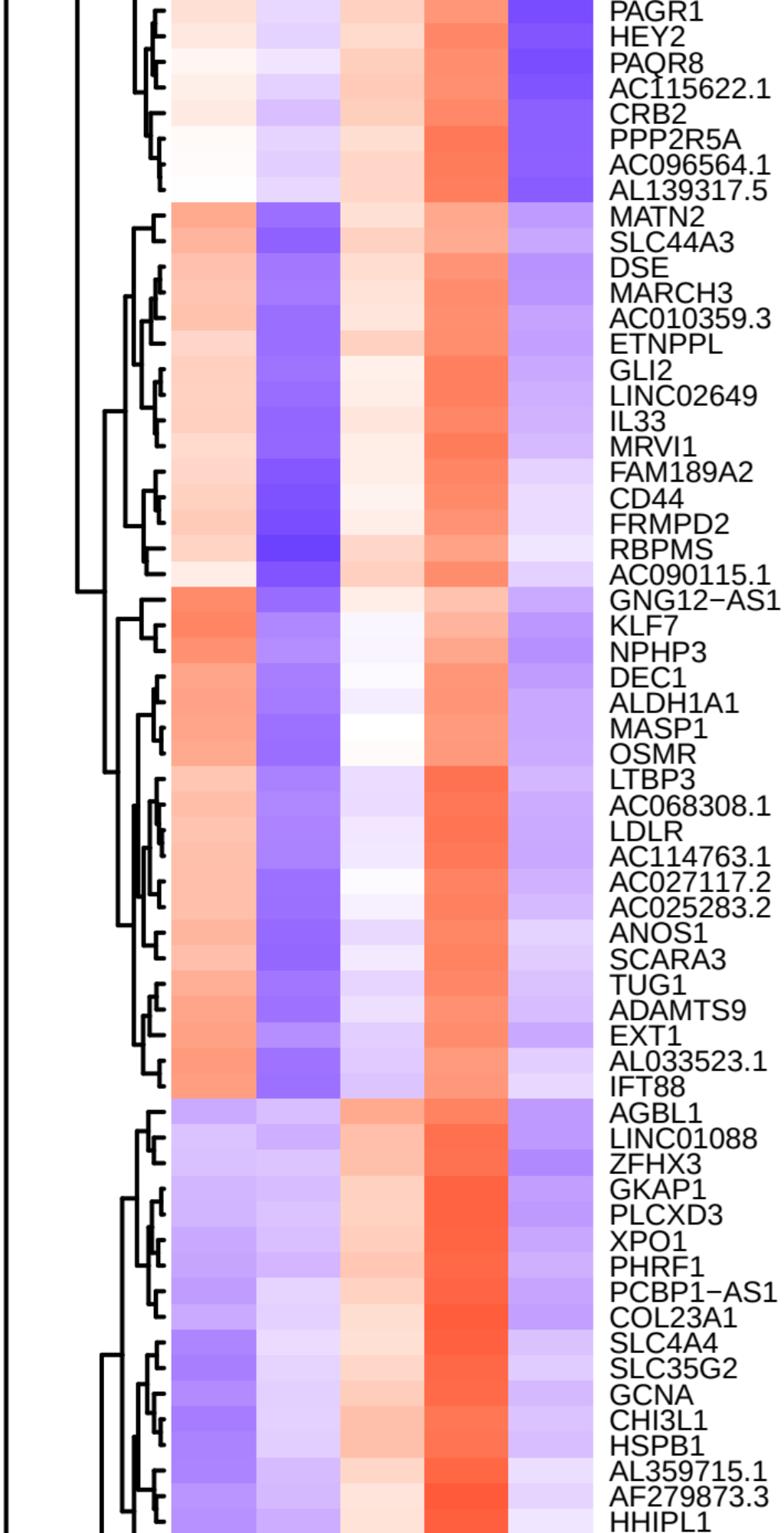

TNC
LINC02406
CABLES1
SERPINI2
SPACA6
ABCA1
MACF1
TOB2
LINC00174
SLC9A9
ZNF43
AC002429.2
LHFPL3
AC007389.1
ADAMTS17
OLFM2
NT5C2
CCDC85C
ITPK1
C4orf19
SSBP2
FAM53B
FAM181B
AHNAK
ZFHX4−AS1
LIMD1
EFHD1
UGDH−AS1
MLC1
ELN
GABRG1
DCUN1D1
GPRC5B
GLUD1
NACC2
TMEM47
SLC18B1
MFSD11
RTCA−AS1
PBXIP1
BMP7
SGK3
LINC00894
NADK2
AL157886.1
SEPTIN9
TTPA
OAF
GRAMD2B
ACACB
PARD3B
SLCO1C1
SOX6
LRP4
TRPS1
NR2F1−AS1
MYBPC1
RADIL
MTSS2
KCNE4
WASHC4
LINC00862
ZFHX4
CSGALNACT1
PLPP3

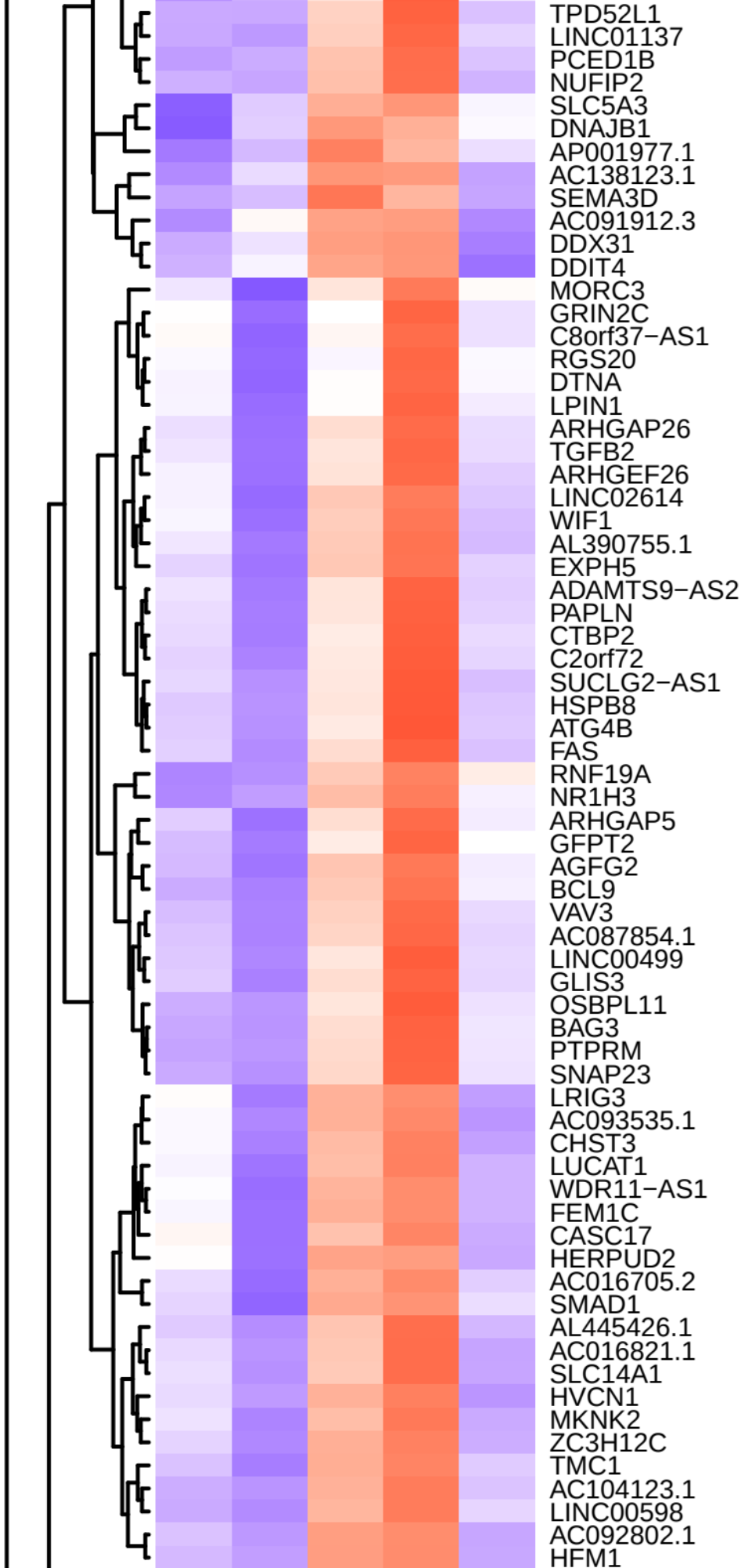

GOLIM4
RAB31
WWOX
ATP1A2
SLC39A11
TET1
APCDD1
AK3
SOX5
TJP2
ATP13A4
UNC13B
ITPR2
CCP110
NFASC
NPAS3
SERPINE2
BBS2
ASAP2
TMEM220−AS1
MTAP
HIP1
AVEN
ALDH2
CBFB
RHOQ
SCGB2B2
ELP4
CYP4V2
GTF2IRD2B
MTM1
ATF7
AC119674.1
BCKDHB
SYNPO2
ZSWIM6
CDH23
SASH1
LPP
PSD2
AC040934.1
HEPH
AC107884.1
RORB
ZFP36L1
LINC00963
ELF1
KIAA1958
UTRN
F11−AS1
TRPV3
BCL2
PELI2
ACOT11
CYP20A1
ADGRA3
CTNND2
AC053513.1
FOXO1
JAM2
ITPKB
ZHX2

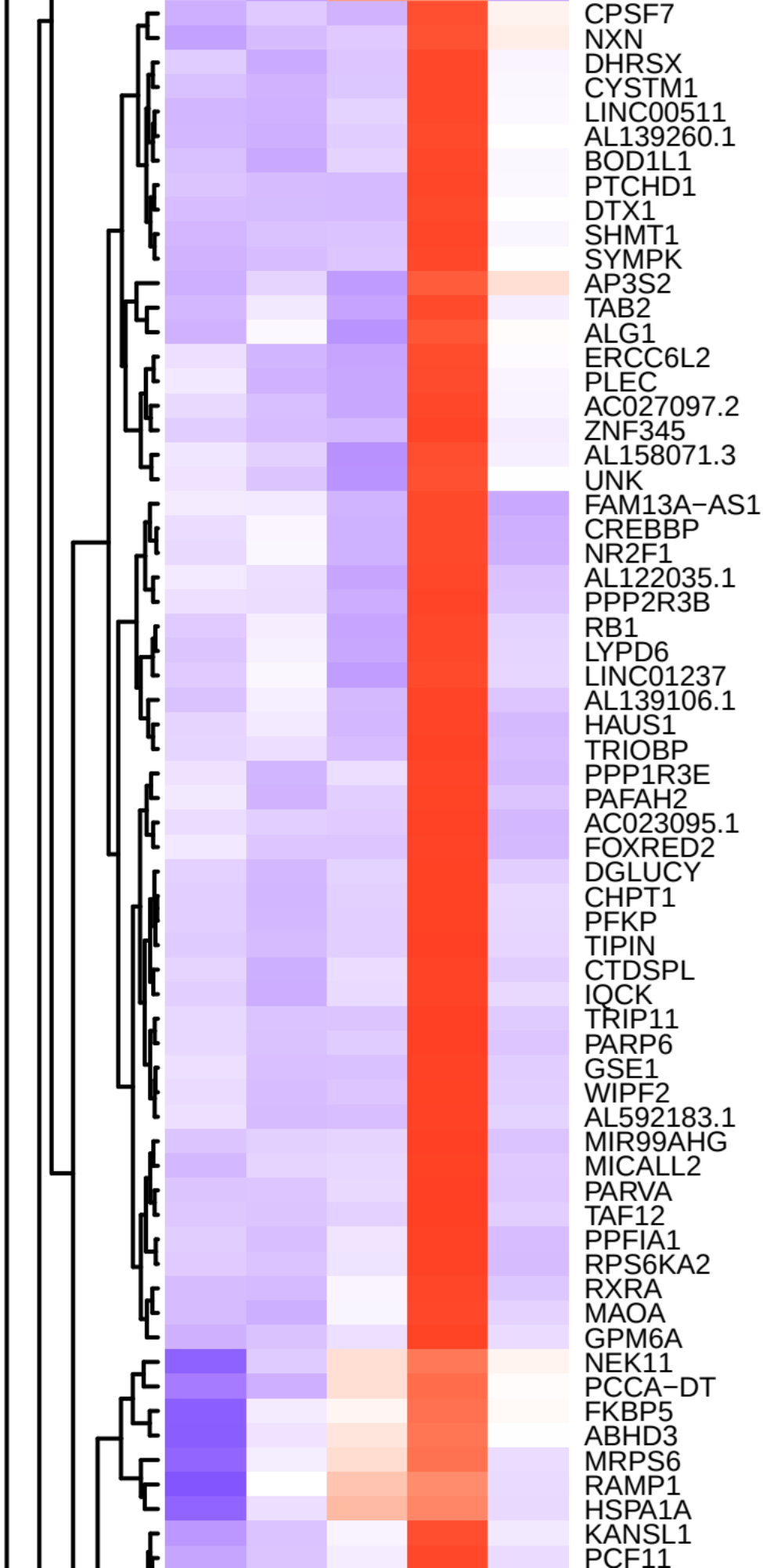

CAPN2
TANK
ITPRID2
GPBP1L1
ARID2
ZHX3
SLC15A2
LGR4
FGD4
SMAD2
AVIL
IL17D
DENND2A
PEAK1
UNC5B
NCAN
RBL1
AC073475.1
RALY
SWAP70
SLC25A48
GPR37L1
FREM2
AQP4
CPQ
AC010201.3
STARD13
FANCC
AC009063.2
PLA2G4C
RNF213
NAV2
GNA13
VCAN
PRR5
SGCD
ALOX12−AS1
PDGFRB
ELMOD2
ITGB8
CRADD
RALGDS
SLC44A2
TPCN1
BCAT2
NBEAL1
NWD1
NFATC3
MIRLET7BHG
SNTA1
ZMIZ1
PHYHD1
CCND3
EEF1AKMT1
EZR
STAT3
AC107375.1
ANKRD12

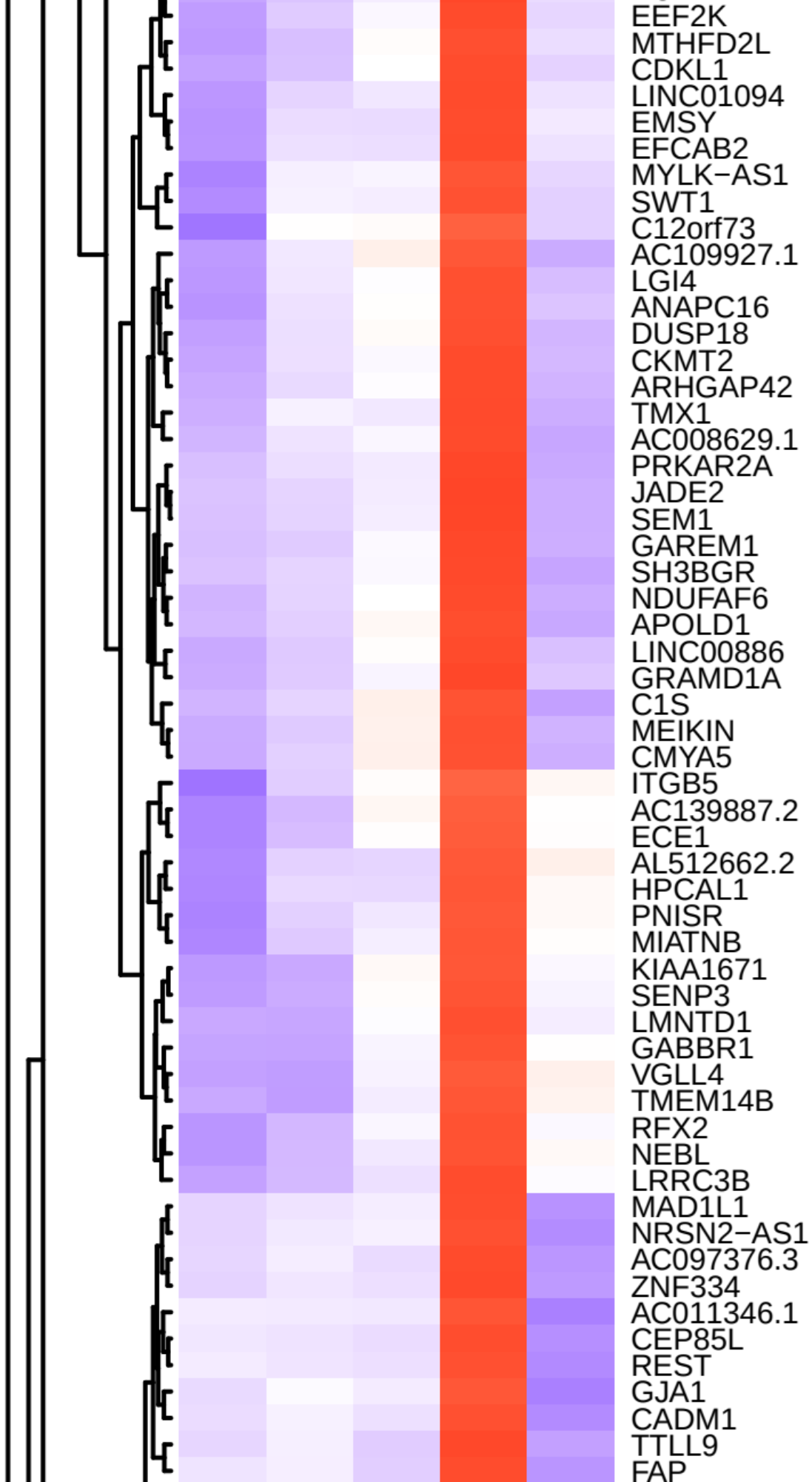

MID1
CAMKMT
NFIC
FOXN3
AMOT
GLI3
SOX21−AS1
LAMA4
LINC02615
SEMA3A
SLC39A12
PLIN5
AL162253.2
PRKX
METTL22
TTLL3
HIBCH
C2CD2
AL160272.1
RHOJ
AL160314.2
FAM20C
LHFPL6
ALK
DDB2
AC112206.2
ALDH7A1
MIR4300HG
AC114956.3
DPH6−DT
FBRSL1
CYBRD1
THBS4
C21orf62−AS1
EIF1B−AS1
ZNF24
AC015983.2
CHRM5
PLSCR4
CHST6
LINC02427
AL392086.3
ELMOD3
ABCC9
RPL34−AS1
INTS3
CTNS
ZBTB7C
SEMA4B
WDFY3−AS2
FAM198B−AS1
AC011416.4
AC097518.2
TOX
EGLN3
PRDM5
TULP3
C9orf153
SRP14−AS1
EYA2
BMPR1B
ARHGAP31
AGO2

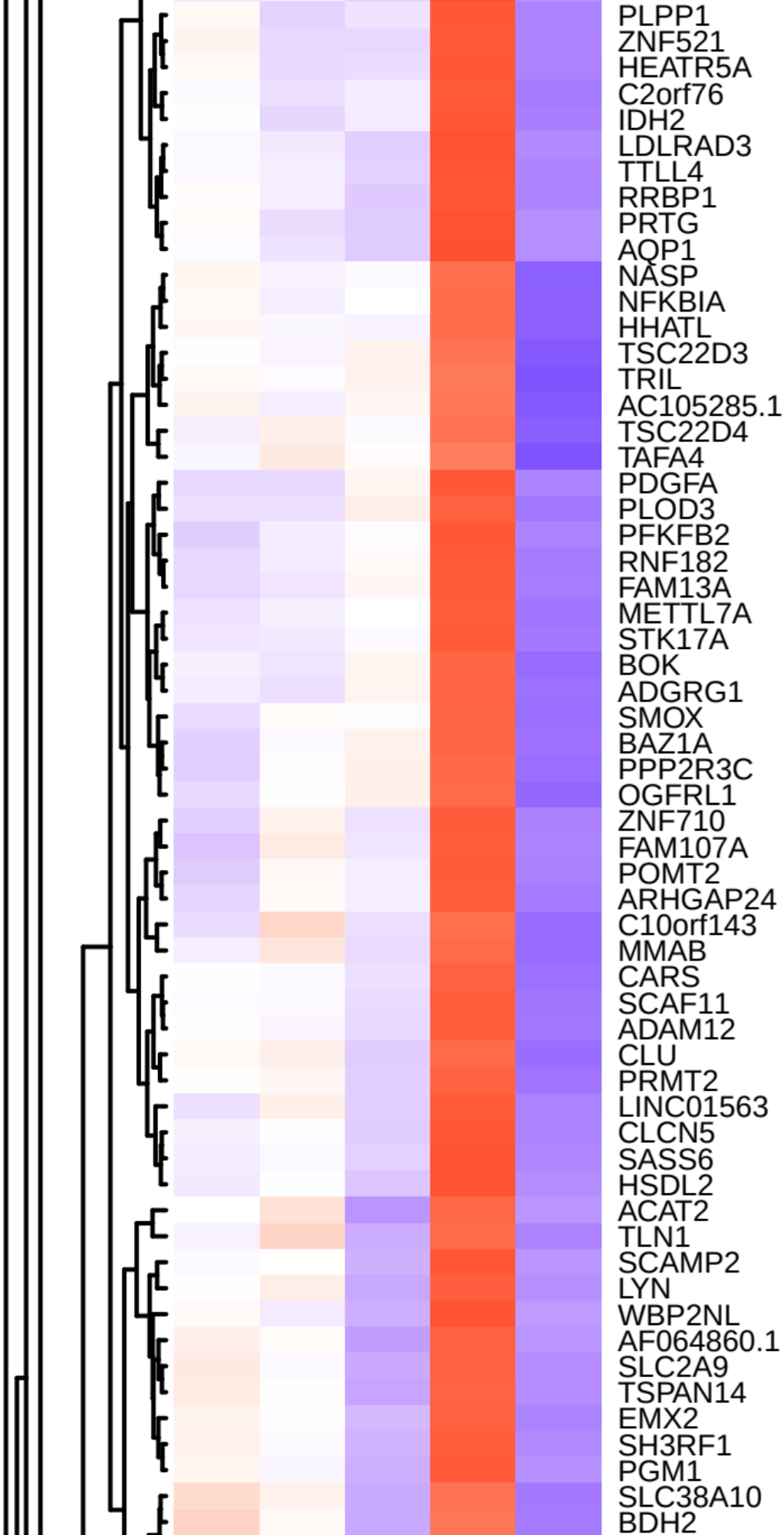

IWS1
GYG2
FNBP1L
NEO1
ALDH1L1
MYLK
AC099792.1
LRIG1
FLNA
HNF4G
DHRS3
GASK1A
SLC1A2
LYVE1
MYOM1
HMBOX1
PRRX1
WDR49
MXI1
TMEM164
AC090825.1
IRAK2
LAMA1
SOX13
EHHADH
OBI1−AS1
VEZF1
TNFRSF1A
OTUD7B
ADHFE1
ATAT1
PRTFDC1
PREX2
B3GLCT
NEK7
AL136366.1
LINC02062
KATNAL2
GPC5
ZMAT1
SLC1A3
ELOVL2
ASTN2
RASL12
HEG1
RAPGEF3
LYPLAL1−DT
MDFIC
TMEM132C
AL035681.1
C1orf198
LIFR
FERMT2
BBS9
SRGAP1
TRIM8
EPS8
PLCG2
CYP27A1
FGF1
PAWR
UFL1−AS1
DOK5
RASSF4
MEIS2
PLEKHH2
MAGI2−AS3
AC087564.1

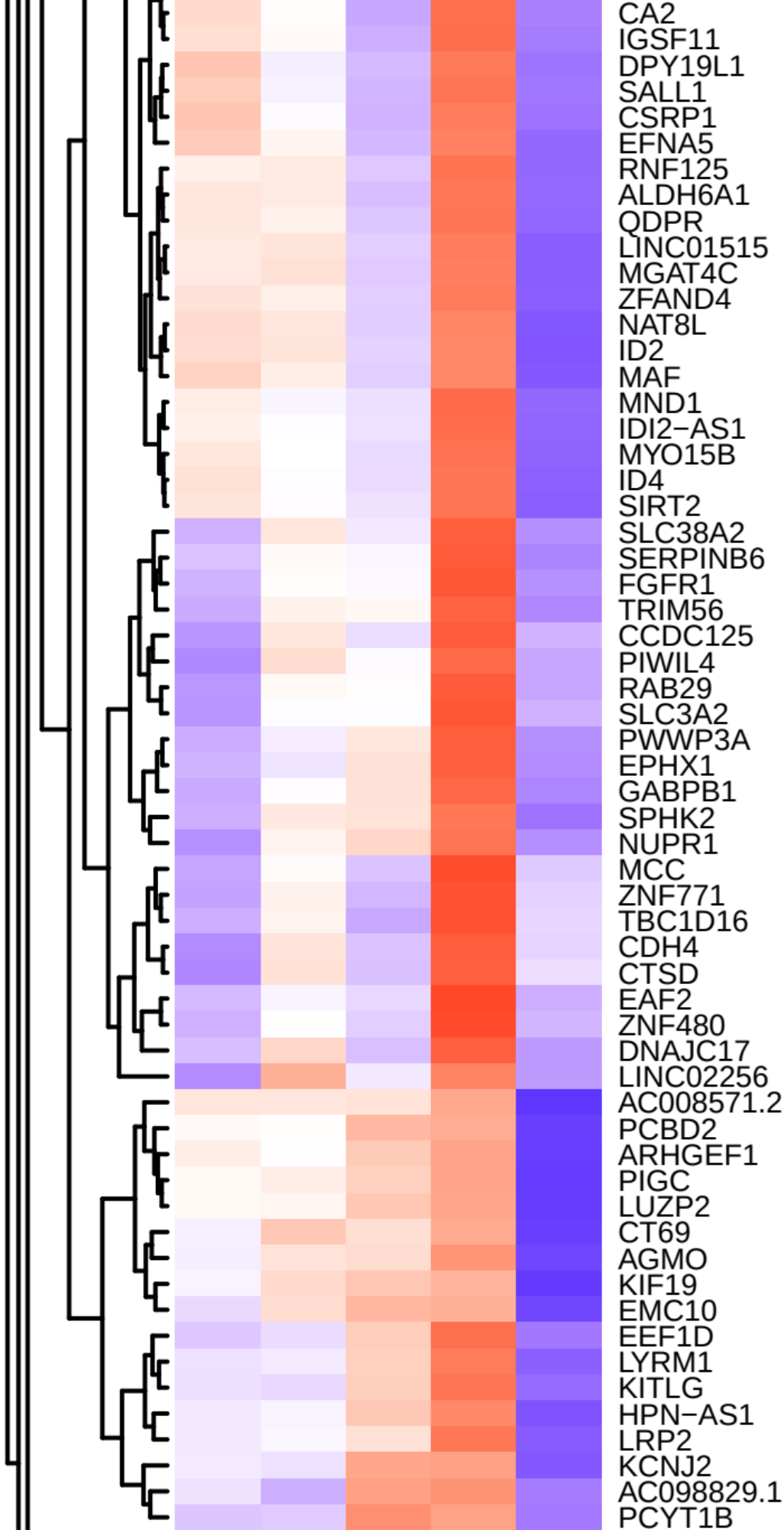

PAGR1
HEY2
PAQR8
AC115622.1
CRB2
PPP2R5A
AC096564.1
AL139317.5
MATN2
SLC44A3
DSE
MARCH3
AC010359.3
ETNPPL
GLI2
LINC02649
IL33
MRVI1
FAM189A2
CD44
FRMPD2
RBPMS
AC090115.1
GNG12−AS1
KLF7
NPHP3
DEC1
ALDH1A1
MASP1
OSMR
LTBP3
AC068308.1
LDLR
AC114763.1
AC027117.2
AC025283.2
ANOS1
SCARA3
TUG1
ADAMTS9
EXT1
AL033523.1
IFT88
AGBL1
LINC01088
ZFHX3
GKAP1
PLCXD3
XPO1
PHRF1
PCBP1−AS1
COL23A1
SLC4A4
SLC35G2
GCNA
CHI3L1
HSPB1
AL359715.1
AF279873.3
HHIPL1

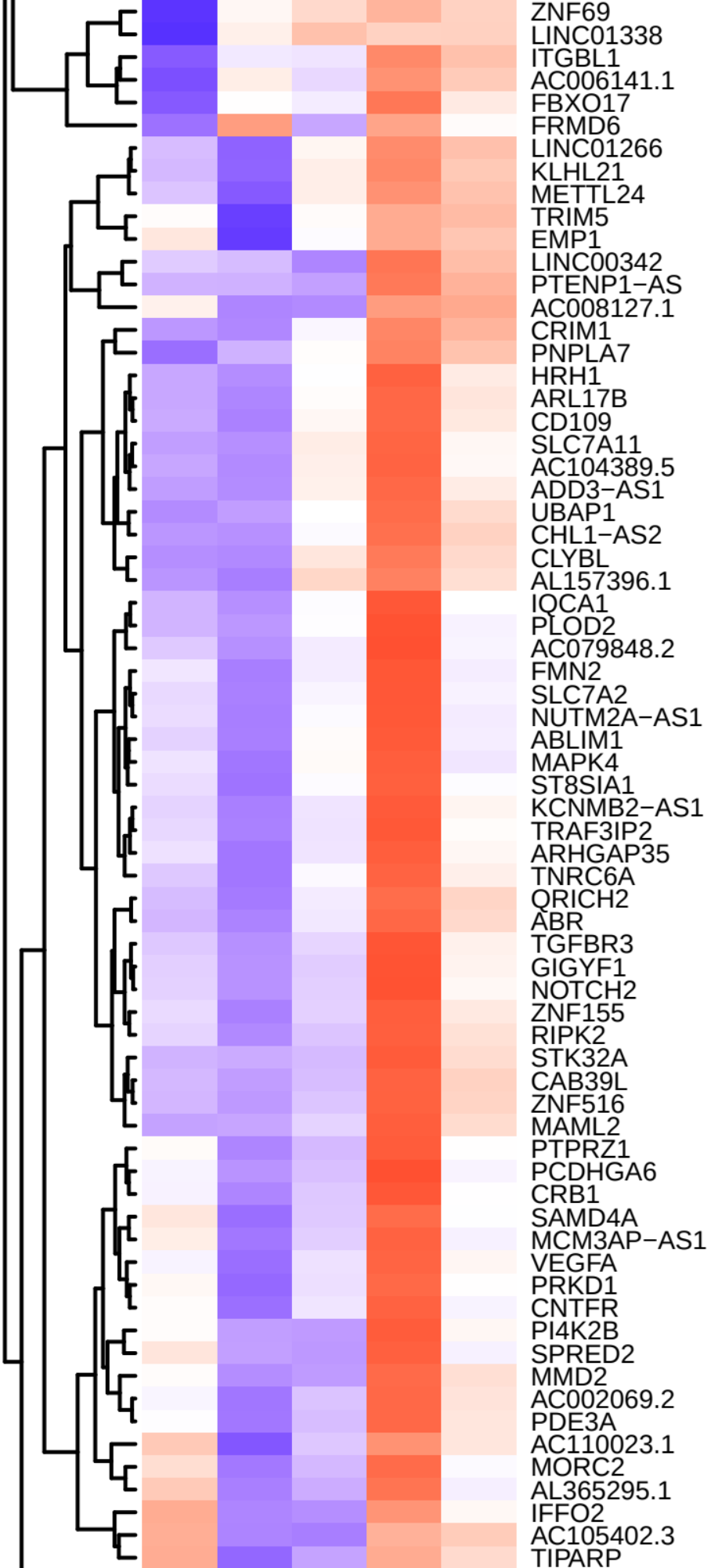

TPD52L1
LINC01137
PCED1B
NUFIP2
SLC5A3
DNAJB1
AP001977.1
AC138123.1
SEMA3D
AC091912.3
DDX31
DDIT4
MORC3
GRIN2C
C8orf37−AS1
RGS20
DTNA
LPIN1
ARHGAP26
TGFB2
ARHGEF26
LINC02614
WIF1
AL390755.1
EXPH5
ADAMTS9−AS2
PAPLN
CTBP2
C2orf72
SUCLG2−AS1
HSPB8
ATG4B
FAS
RNF19A
NR1H3
ARHGAP5
GFPT2
AGFG2
BCL9
VAV3
AC087854.1
LINC00499
GLIS3
OSBPL11
BAG3
PTPRM
SNAP23
LRIG3
AC093535.1
CHST3
LUCAT1
WDR11−AS1
FEM1C
CASC17
HERPUD2
AC016705.2
SMAD1
AL445426.1
AC016821.1
SLC14A1
HVCN1
MKNK2
ZC3H12C
TMC1
AC104123.1
LINC00598
AC092802.1
HFM1

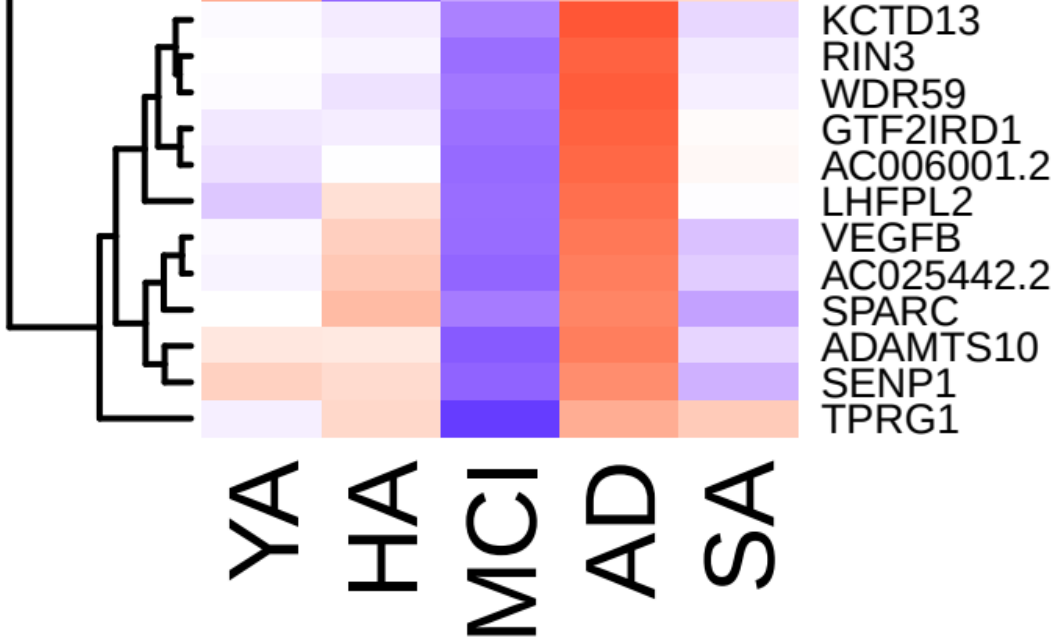

CPSF7
NXN
DHRSX
CYSTM1
LINC00511
AL139260.1
BOD1L1
PTCHD1
DTX1
SHMT1
SYMPK
AP3S2
TAB2
ALG1
ERCC6L2
PLEC
AC027097.2
ZNF345
AL158071.3
UNK
FAM13A−AS1
CREBBP
NR2F1
AL122035.1
PPP2R3B
RB1
LYPD6
LINC01237
AL139106.1
HAUS1
TRIOBP
PPP1R3E
PAFAH2
AC023095.1
FOXRED2
DGLUCY
CHPT1
PFKP
TIPIN
CTDSPL
IQCK
TRIP11
PARP6
GSE1
WIPF2
AL592183.1
MIR99AHG
MICALL2
PARVA
TAF12
PPFIA1
RPS6KA2
RXRA
MAOA
GPM6A
NEK11
PCCA−DT
FKBP5
ABHD3
MRPS6
RAMP1
HSPA1A
KANSL1
PCF11


EEF2K
MTHFD2L
CDKL1
LINC01094
EMSY
EFCAB2
MYLK−AS1
SWT1
C12orf73
AC109927.1
LGI4
ANAPC16
DUSP18
CKMT2
ARHGAP42
TMX1
AC008629.1
PRKAR2A
JADE2
SEM1
GAREM1
SH3BGR
NDUFAF6
APOLD1
LINC00886
GRAMD1A
C1S
MEIKIN
CMYA5
ITGB5
AC139887.2
ECE1
AL512662.2
HPCAL1
PNISR
MIATNB
KIAA1671
SENP3
LMNTD1
GABBR1
VGLL4
TMEM14B
RFX2
NEBL
LRRC3B
MAD1L1
NRSN2−AS1
AC097376.3
ZNF334
AC011346.1
CEP85L
REST
GJA1
CADM1
TTLL9
FAP


PLPP1
ZNF521
HEATR5A
C2orf76
IDH2
LDLRAD3
TTLL4
RRBP1
PRTG
AQP1
NASP
NFKBIA
HHATL
TSC22D3
TRIL
AC105285.1
TSC22D4
TAFA4
PDGFA
PLOD3
PFKFB2
RNF182
FAM13A
METTL7A
STK17A
BOK
ADGRG1
SMOX
BAZ1A
PPP2R3C
OGFRL1
ZNF710
FAM107A
POMT2
ARHGAP24
C10orf143
MMAB
CARS
SCAF11
ADAM12
CLU
PRMT2
LINC01563
CLCN5
SASS6
HSDL2
ACAT2
TLN1
SCAMP2
LYN
WBP2NL
AF064860.1
SLC2A9
TSPAN14
EMX2
SH3RF1
PGM1
SLC38A10
BDH2


CA2
IGSF11
DPY19L1
SALL1
CSRP1
EFNA5
RNF125
ALDH6A1
QDPR
LINC01515
MGAT4C
ZFAND4
NAT8L
ID2
MAF
MND1
IDI2−AS1
MYO15B
ID4
SIRT2
SLC38A2
SERPINB6
FGFR1
TRIM56
CCDC125
PIWIL4
RAB29
SLC3A2
PWWP3A
EPHX1
GABPB1
SPHK2
NUPR1
MCC
ZNF771
TBC1D16
CDH4
CTSD
EAF2
ZNF480
DNAJC17
LINC02256
AC008571.2
PCBD2
ARHGEF1
PIGC
LUZP2
CT69
AGMO
KIF19
EMC10
EEF1D
LYRM1
KITLG
HPN−AS1
LRP2
KCNJ2
AC098829.1
PCYT1B


ZNF69
LINC01338
ITGBL1
AC006141.1
FBXO17
FRMD6
LINC01266
KLHL21
METTL24
TRIM5
EMP1
LINC00342
PTENP1−AS
AC008127.1
CRIM1
PNPLA7
HRH1
ARL17B
CD109
SLC7A11
AC104389.5
ADD3−AS1
UBAP1
CHL1−AS2
CLYBL
AL157396.1
IQCA1
PLOD2
AC079848.2
FMN2
SLC7A2
NUTM2A−AS1
ABLIM1
MAPK4
ST8SIA1
KCNMB2−AS1
TRAF3IP2
ARHGAP35
TNRC6A
QRICH2
ABR
TGFBR3
GIGYF1
NOTCH2
ZNF155
RIPK2
STK32A
CAB39L
ZNF516
MAML2
PTPRZ1
PCDHGA6
CRB1
SAMD4A
MCM3AP−AS1
VEGFA
PRKD1
CNTFR
PI4K2B
SPRED2
MMD2
AC002069.2
PDE3A
AC110023.1
MORC2
AL365295.1
IFFO2
AC105402.3
TIPARP


KCTD13
RIN3
WDR59
GTF2IRD1
AC006001.2
LHFPL2
VEGFB
AC025442.2
SPARC
ADAMTS10
SENP1
TPRG1
YA
HA
MCI
AD
SA