

Supplementary information, Table S5: List Genes that Show Differential Expression Patterns in Different States.

Gene GROUP
C19orf84 1
MSL3 1
PIWIL4 1
RPL22L1 1
TUBA1A 1
NOC4L 1
CNN1 1
PHGDH 1
VIM 1
EGR4 1
DCAF12 1
RAC3 1
AZU1 1
APBB1 1
DUSP5 1
ST3GAL4 1
CRIP2 1
INCA1 1
LIN7B 1
SCT 1
CHD7 1
ACTG2 1
GAN 1
BAIAP2 1
PKM 1
SPOCD1 1
RGS14 1
CAMK2B 1
FSD1 1
HOXC9 1
PLPPR5 1
NRG2 1
RNASET2 1
GUK1 1
CSRP2 1
SPI1 1
SERTAD4-AS1 1
FNDC4 1
MROH6 1
PLPPR3 1
FOXP4 1
TMEM63B 1
PSMF1 1
KRT8 1
SURF2 1
HACD4 1
PKN1 1
AGGF1 1
SPO11 1
OPTN 1
SOX17 1
TSPAN33 1
NUDT14 1
RHOBTB3 1

FOXD1 1
SLC1A6 1
SP5 1
STRN4 1
SCARB2 1
PLPP2 1
METTL5 1
KDM2B 1
AIG1 1
FBXO47 1
PVALB 1
VCAM1 1
KLC3 1
ANKRD37 1
OXT 1
CEP131 1
FIP1L1 1
RP11-307P5.1 1
KANSL1 1
NMU 1
HTATIP2 1
TKT 1
MCRS1 1
PPP1R36 1
CEP85L 1
TMEM189 1
MYOM2 1
OLIG1 1
KRT25 1
PPP6R1 1
SF3A2 1
SNAPC2 1
DRC7 1
FAM159B 1
NKX6-2 1
C1orf233 1
RP11-96B5.4 1
MARCH10 1
PPM1J 1
RABGGTA 1
EPAS1 1
MT3 1
HSF2 1
RASGEF1A 1
KAT8 1
RPRM 1
SPINK5 1
POU3F1 1
MIF4GD 1
FMR1 1
DND1 1
RP1-69M21.2 1
EMX1 1
HLA-A 1
COL21A1 1
FAIM2 1

LANCL2 1
RBFOX3 1
TOLLIP 1
EMB 1
PALLD 1
ANXA7 1
SFMBT1 1
MFHAS1 1
CD47 1
CADM2 1
YPEL3 1
CCDC172 1
EXOSC9 1
ACE 1
MUC12 1
HOXA7 1
KCNAB1 1
HOPX 1
HCST 1
IRX2 1
PAK4 1
ASPSCR1 1
MAP2K7 1
DBX2 1
SH3GL2 1
REEP2 1
CRYL1 1
KDM1B 1
NIN 1
ACTR8 1
MAPKAPK2 1
CNOT3 1
SYCP1 1
ISL1 1
UBTD1 1
ZNF704 1
SNHG18 1
CBARP 1
TCEAL2 1
PDCD7 1
INSR 1
LMO7 1
LYSMD2 1
TESK1 1
ELMSAN1 1
SCGB3A1 1
NR2F1 1
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MAPK8IP1 1
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DEGS2 1
KCNH2 1
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MAPK3 1
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DLX6 1
CRYBA4 1
LGALS3 1
PGF 1
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SAMM50 1
SPSB1 1
PQLC1 1
FGF9 1
CHEK2 1
AGAP3 1
ZBTB43 1
MAL2 1
DLGAP3 1
PPP1R1B 1
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MPP6 1
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CEBPB 1
FAM89A 1
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COBL 1
DLGAP4 1
HMSD 1
PRR35 1
ANGPTL4 1
EAPP 1
AREG 1
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CXCL14 1
DAB2IP 1
TEAD4 1
MTURN 1
ATIC 1
CELF4 1
CHRD2 1
H2AFY2 1
TRAM2-AS1 1
PDLIM4 1

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MED24 1
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TESC 1
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DNAJC1 1
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SMAD6 1
NKAPL 1
DGAT2 1
STAT5B 1
FAM46A 1
ETNK2 1
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VAV3 1
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GLUD1 1

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AVPI1 1
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TRAF7 1
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IFITM2 1
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SMIM1 1
NES 1
PCAT6 1
SPINT1 1
FXYS5 1
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YAF2 1
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WWP1 1
ICA1L 1
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HMGCL 1
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ASB2 1
SMARCD2 1
STARD10 1
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PLA2G16 1
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MORC1 1
DOK4 1
WDR45 1
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SHKBP1 1
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IGFBP6 1
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AREL1 1
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BRAP 1
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RFX2 1
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PLEKHH3 1
TCF7 1
LRIG1 1
DGKD 1
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FLCN 1
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MAP2K2 1
DIAPH2 1
GSS 1
STAU2 1
SEMA6D 1
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BORCS5 1
MAP4K2 1
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WNK2 1
ZC3H3 1
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CXADR 1
CNFN 1
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MGST2 1
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STK24 2
MFF 2
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SSBP3 2
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MYO6 2
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GNAS 2
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ROR2 2
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SYNE2 2
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SSFA2 2
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AK4 2
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GSK3B 2
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DPPA2 2
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NFKBIA 2
IDH2 2
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SERPINI1 2
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UBA1 2
CLTB 2
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RAB6B 2
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XAB2 2
HEY2 2
CSNK1E 2
SIAH2 2
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DYRK1A 2
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MAGEB16 2
HEBP2 2
SFXN1 2
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SMIM19 2
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ABRACL 2

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SAMD11 2
CHTF8 2
MT-ATP8 2
ADA 2
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BRD4 2
SLC40A1 2
KCNN2 2
BCAP29 2
NRIP1 2
ATP6V1E2 2
C5orf38 2
MSRB3 2
MIIP 2
SMOX 2
IFT88 2
HMGB3 2
ASZ1 2
CDYL2 2
TSPAN13 2
PTAR1 2
USP46 2
AAED1 2
NCK2 2
RBKS 2
RET 2
GALNS 2
MAGEF1 2
ICA1 2
CBX7 2
FGFR1 2
DEDD2 2
EIF4ENIF1 2
FERMT2 2
APPBP2 2
HNRNPH2 2
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HSPA4L 2
DRAM2 2
RAB20 2
CXCL9 2
PACS2 2
CLASP1 2
ISG15 2
PRKACB 2
MRPL47 2
ATP5S 2
CCDC3 2
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FYN 2
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GPC1 2
ATP6V1C1 2
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CDS1 2
MINK1 2
MYH9 2
TP53TG1 2
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CITED2 3
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PABPC4 3
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MEX3B 3
GFRA1 3
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ADAMTS6 3
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IRF2BPL 3
TMEM14C 3
MEF2C 3
FAM25G 3
PTPRS 3
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RAB11B 3
SEPP1 3
UXS1 3
SOCS1 3
FARP1 3
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ZEB2 3
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CCDC144A 3
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GCNT2 3
GSTZ1 3
SDC2 3
EID1 3
CCND2 3
HNF1B 3
GFRA2 3
SSBP2 3
TSTD1 3
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OGFR 3
COX14 3
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AK5 3
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TPM2 3
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VGLL4 3
DBN1 3
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RFXANK 3

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BNC1 3
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MRAS 3
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PLS3 3
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ARPC1B 3
SERTAD3 3
RNF8 3
LYPD6 3
SPATC1L 3
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POPDC3 3
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NAA10 3
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TGIF1 3
FAT1 3
RABGAP1 3
NREP 3
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MARK4 3
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CDKN1B 3
HOMER1 3

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FOXN3 3
RHOG 3
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TCL1B 3
SGK1 3
RELL2 3
BROX 3
ANP32A 3
TAF7L 3
TATDN2 3
RABL6 3
TXNIP 3
GLIS3 3
BMPR1A 3
PGM1 3
TCN2 3
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ISOC2 3
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TOB1 3
FAM21C 3
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LIPT2 3
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LINC01413 3
ZNF532 3
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STX4 3
CCDC71 3
ADI1 3
USP19 3
LYRM5 3
PPP1R10 3
LEPROT 3
IMP3 3
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UBE2C 4
DMRT1 4
BIRC5 4
COX20 4
NENF 4
CDT1 4
PRC1 4
ZWINT 4
MKI67 4
RRM2 4
CCNA2 4
SPC25 4
CENPA 4
CDCA5 4
TYMS 4
ASPM 4
WDR34 4

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TK1 4
NUF2 4
DIAPH3 4
SNRNP25 4
CDK1 4
DPCD 4
MND1 4
ESCO2 4
MYBL2 4
UHRF1 4
PCNA 4
HIST1H2AA 4
CDCA7 4
NCAPG 4
MCM7 4
ISOC1 4
BRI3BP 4
PBK 4
KIF22 4
DNAJC9 4
FBXO5 4
SLF1 4
E2F1 4
PDLIM1 4
RAD51 4
NUDT1 4
ITGB3BP 4
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PKMYT1 4
CENPW 4
CASP8AP2 4
RIBC2 4
FBLN2 4
GTSE1 4
SPC24 4
CDC45 4
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MSH2 4
RFC2 4
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KIT 4
YY2 4
RSPH1 4
POLD2 4
WDR76 4
CFAP53 4
SKA3 4
GPC4 4
CTBP2 4
PGP 4
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RMI2 4
SYNC 4
SSX2IP 4
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RPA3 4
CD99 4
CPD 4
TPRKB 4
WEE1 4
POLR3K 4
XRCC2 4
DCAF12L1 4
MYO1B 4
MCM5 4
EFHD1 4
CENPQ 4
KLHL15 4
HIST1H1A 4
HJURP 4
ECI1 4
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