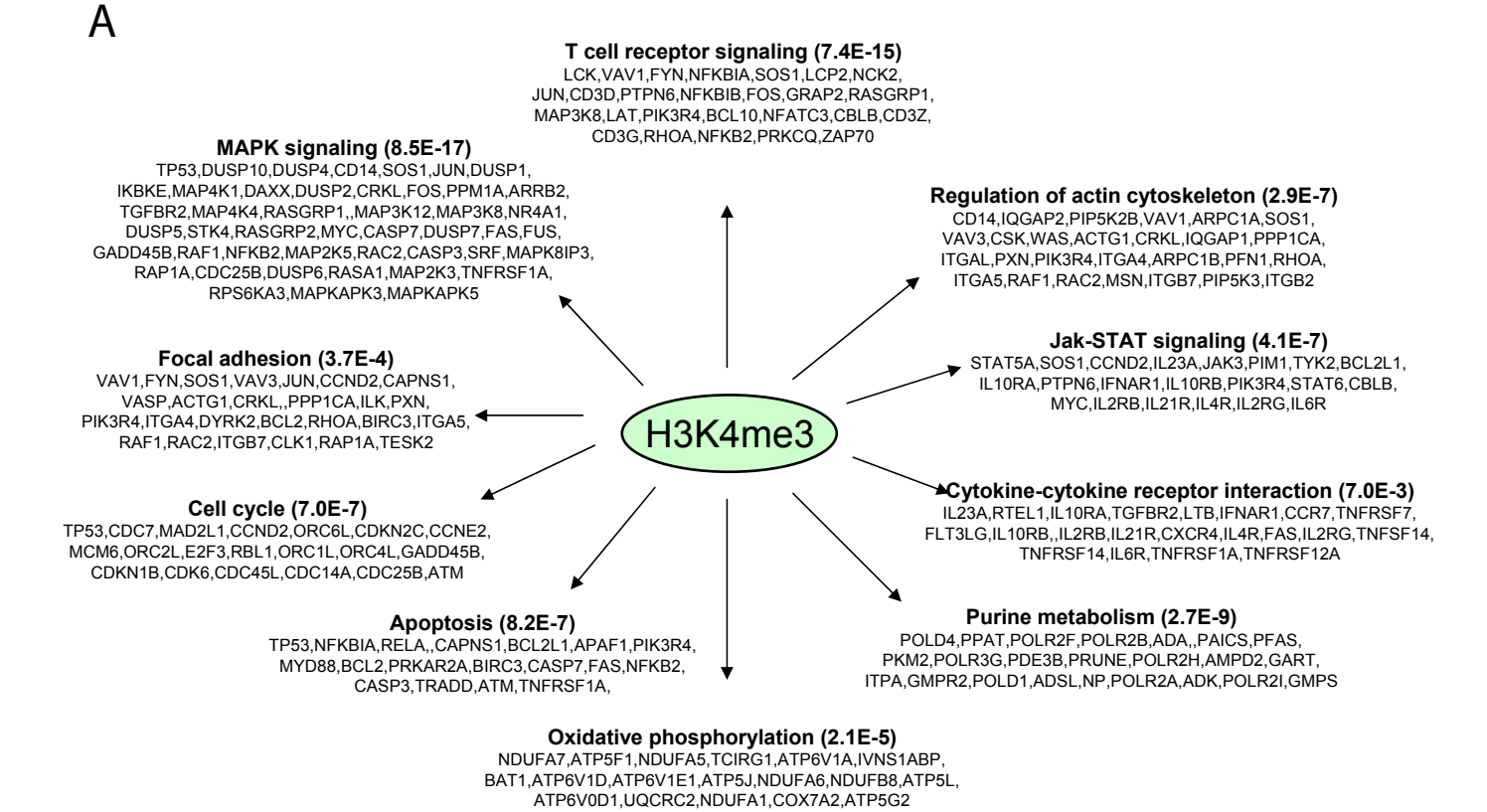
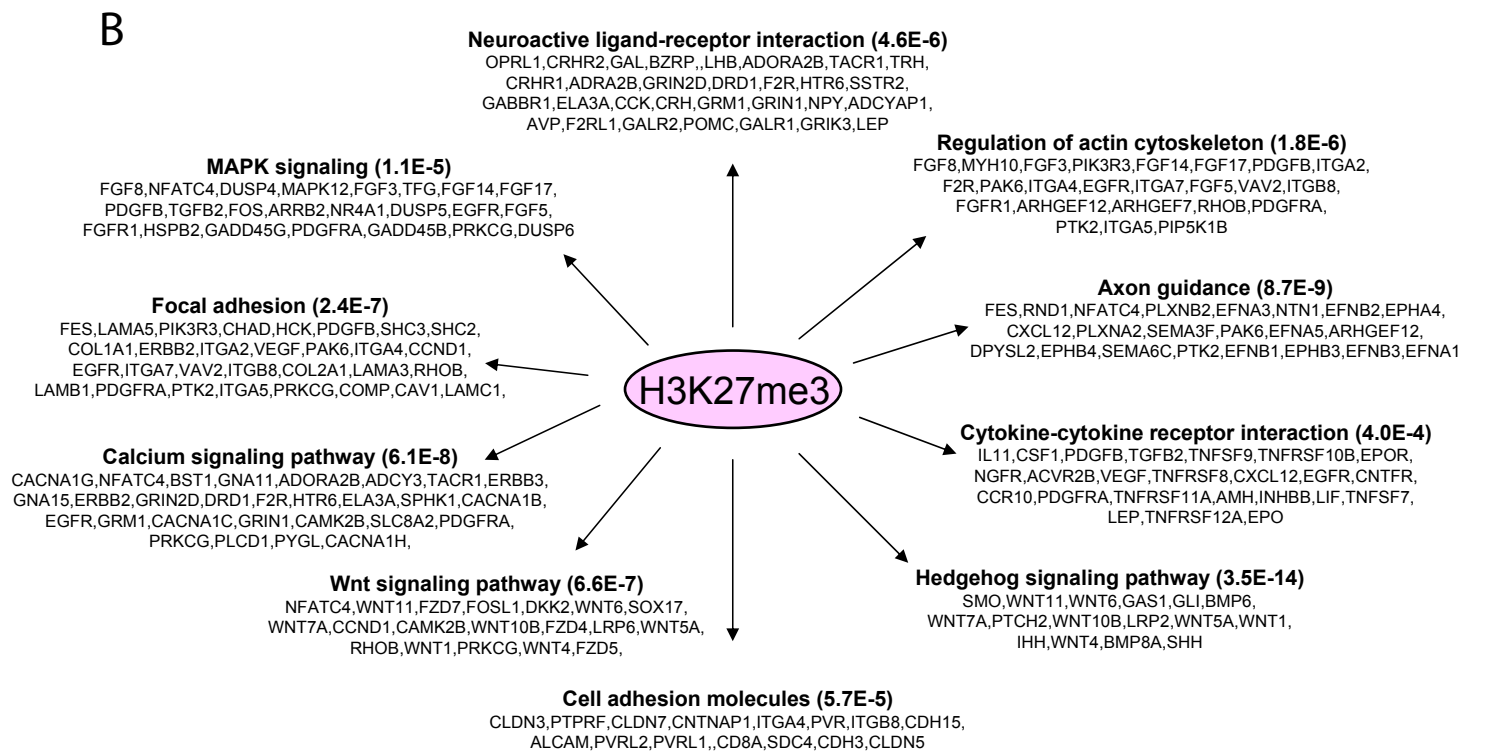

A
T cell receptor signaling (7.4E-15)
LCK,VAV1,FYN,NFKBIA,SOS1,LCP2,NCK2,
JUN,CD3D,PTPN6,NFKBIB,FOS,GRAP2,RASGRP1,
MAP3K8,LAT,PIK3R4,BCL10,NFATC3,CBLB,CD3Z,
CD3G,RHOA,NFKB2,PRKCQ,ZAP70
MAPK signaling (8.5E-17)
TP53,DUSP10,DUSP4,CD14,SOS1,JUN,DUSP1,
IKBKE,MAP4K1,DAXX,DUSP2,CRKL,FOS,PPM1A,ARRB2,
TGFBR2,MAP4K4,RASGRP1,,MAP3K12,MAP3K8,NR4A1,
DUSP5,STK4,RASGRP2,MYC,CASP7,DUSP7,FAS,FUS,
GADD45B,RAF1,NFKB2,MAP2K5,RAC2,CASP3,SRF,MAPK8IP3,
RAP1A,CDC25B,DUSP6,RASA1,MAP2K3,TNFRSF1A,
RPS6KA3,MAPKAPK3,MAPKAPK5
Regulation of actin cytoskeleton (2.9E-7)
CD14,IQGAP2,PIP5K2B,VAV1,ARPC1A,SOS1,
VAV3,CSK,WAS,ACTG1,CRKL,IQGAP1,PPP1CA,
ITGAL,PXN,PIK3R4,ITGA4,ARPC1B,PFN1,RHOA,
ITGA5,RAF1,RAC2,MSN,ITGB7,PIP5K3,ITGB2
Jak-STAT signaling (4.1E-7)
STAT5A,SOS1,CCND2,IL23A,JAK3,PIM1,TYK2,BCL2L1,
IL10RA,PTPN6,IFNAR1,IL10RB,PIK3R4,STAT6,CBLB,
MYC,IL2RB,IL21R,IL4R,IL2RG,IL6R
Focal adhesion (3.7E-4)
VAV1,FYN,SOS1,VAV3,JUN,CCND2,CAPNS1,
VASP,ACTG1,CRKL,,PPP1CA,ILK,PXN,
PIK3R4,ITGA4,DYRK2,BCL2,RHOA,BIRC3,ITGA5,
RAF1,RAC2,ITGB7,CLK1,RAP1A,TESK2
H3K4me3
Cytokine-cytokine receptor interaction (7.0E-3)
IL23A,RTEL1,IL10RA,TGFBR2,LTB,IFNAR1,CCR7,TNFRSF7,
FLT3LG,IL10RB,,IL2RB,IL21R,CXCR4,IL4R,FAS,IL2RG,TNFSF14,
TNFRSF14,IL6R,TNFRSF1A,TNFRSF12A
Cell cycle (7.0E-7)
TP53,CDC7,MAD2L1,CCND2,ORC6L,CDKN2C,CCNE2,
MCM6,ORC2L,E2F3,RBL1,ORC1L,ORC4L,GADD45B,
CDKN1B,CDK6,CDC45L,CDC14A,CDC25B,ATM
Apoptosis (8.2E-7)
TP53,NFKBIA,RELA,,CAPNS1,BCL2L1,APAF1,PIK3R4,
MYD88,BCL2,PRKAR2A,BIRC3,CASP7,FAS,NFKB2,
CASP3,TRADD,ATM,TNFRSF1A,
Purine metabolism (2.7E-9)
POLD4,PPAT,POLR2F,POLR2B,ADA,,PAICS,PFAS,
PKM2,POLR3G,PDE3B,PRUNE,POLR2H,AMPD2,GART,
ITPA,GMPR2,POLD1,ADSL,NP,POLR2A,ADK,POLR2I,GMPS
Oxidative phosphorylation (2.1E-5)
NDUFA7,ATP5F1,NDUFA5,TCIRG1,ATP6V1A,IVNS1ABP,
BAT1,ATP6V1D,ATP6V1E1,ATP5J,NDUFA6,NDUFB8,ATP5L,
ATP6V0D1,UQCRC2,NDUFA1,COX7A2,ATP5G2


B
Neuroactive ligand-receptor interaction (4.6E-6)
OPRL1,CRHR2,GAL,BZRP,,LHB,ADORA2B,TACR1,TRH,
CRHR1,ADRA2B,GRIN2D,DRD1,F2R,HTR6,SSTR2,
GABBR1,ELA3A,CCK,CRH,GRM1,GRIN1,NPY,ADCYAP1,
AVP,F2RL1,GALR2,POMC,GALR1,GRIK3,LEP
MAPK signaling (1.1E-5)
FGF8,NFATC4,DUSP4,MAPK12,FGF3,TFG,FGF14,FGF17,
PDGFB,TGFB2,FOS,ARRB2,NR4A1,DUSP5,EGFR,FGF5,
FGFR1,HSPB2,GADD45G,PDGFRA,GADD45B,PRKCG,DUSP6
Regulation of actin cytoskeleton (1.8E-6)
FGF8,MYH10,FGF3,PIK3R3,FGF14,FGF17,PDGFB,ITGA2,
F2R,PAK6,ITGA4,EGFR,ITGA7,FGF5,VAV2,ITGB8,
FGFR1,ARHGEF12,ARHGEF7,RHOB,PDGFRA,
PTK2,ITGA5,PIP5K1B
Focal adhesion (2.4E-7)
FES,LAMA5,PIK3R3,CHAD,HCK,PDGFB,SHC3,SHC2,
COL1A1,ERBB2,ITGA2,VEGF,PAK6,ITGA4,CCND1,
EGFR,ITGA7,VAV2,ITGB8,COL2A1,LAMA3,RHOB,
LAMB1,PDGFRA,PTK2,ITGA5,PRKCG,COMP,CAV1,LAMC1,
H3K27me3
Axon guidance (8.7E-9)
FES,RND1,NFATC4,PLXNB2,EFNA3,NTN1,EFNB2,EPHA4,
CXCL12,PLXNA2,SEMA3F,PAK6,EFNA5,ARHGEF12,
DPYSL2,EPHB4,SEMA6C,PTK2,EFNB1,EPHB3,EFNB3,EFNA1
Calcium signaling pathway (6.1E-8)
CACNA1G,NFATC4,BST1,GNA11,ADORA2B,ADCY3,TACR1,ERBB3,
GNA15,ERBB2,GRIN2D,DRD1,F2R,HTR6,ELA3A,SPHK1,CACNA1B,
EGFR,GRM1,CACNA1C,GRIN1,CAMK2B,SLC8A2,PDGFRA,
PRKCG,PLCD1,PYGL,CACNA1H,
Cytokine-cytokine receptor interaction (4.0E-4)
IL11,CSF1,PDGFB,TGFB2,TNFSF9,TNFRSF10B,EPOR,
NGFR,ACVR2B,VEGF,TNFRSF8,CXCL12,EGFR,CNTFR,
CCR10,PDGFRA,TNFRSF11A,AMH,INHBB,LIF,TNFSF7,
LEP,TNFRSF12A,EPO
Wnt signaling pathway (6.6E-7)
NFATC4,WNT11,FZD7,FOSL1,DKK2,WNT6,SOX17,
WNT7A,CCND1,CAMK2B,WNT10B,FZD4,LRP6,WNT5A,
RHOB,WNT1,PRKCG,WNT4,FZD5,
Hedgehog signaling pathway (3.5E-14)
SMO,WNT11,WNT6,GAS1,GLI,BMP6,
WNT7A,PTCH2,WNT10B,LRP2,WNT5A,WNT1,
IHH,WNT4,BMP8A,SHH
Cell adhesion molecules (5.7E-5)
CLDN3,PTPRF,CLDN7,CNTNAP1,ITGA4,PVR,ITGB8,CDH15,
ALCAM,PVRL2,PVRL1,,CD8A,SDC4,CDH3,CLDN5