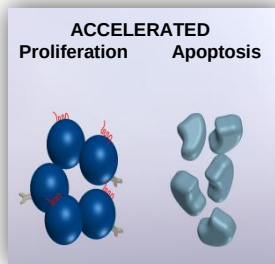
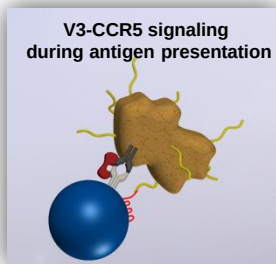
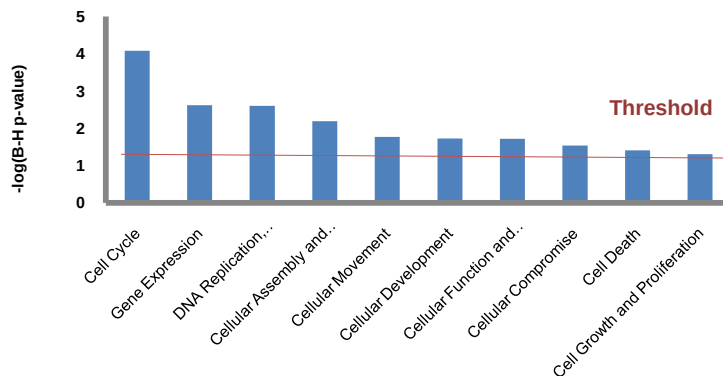


A



B



DNA Replication, Recombination, Repair (27)

DLGAP5, ENTPD4, CDC20, VPRBP, HSPA1A, NCAPG (includes EG:64151), TYMP, SET, CHAF1A, BCL2, POLE, TOP2A, CDCA5, ZWINT (includes EG:11130), IL4, RSF1, NUSAP1, CCNB1, MED1, KIF4A, AURKA, BUB1B, CDK1, BUB1, TFAM, TMEM49, KIF11

Cellular Assembly -Organization (30)

LIF, RAB27B, PIK3R1, DMD, SEPT9, SET, CHAF1A, BCL2, PAK1, WASL (includes EG:8976), LGALS8, NRD1, TOP2A, BRD4, MARCKS (includes EG:4082), ZWINT (includes EG:11130), RSF1, NUSAP1, CCNB1, KIF4A, AURKA, BUB1B, CDK1, ROCK1, BUB1, ARF1, AGRN, JAG1, CXADR, KIF11

Cellular Movement (25)

ID2, CDC20, PTGDR, CBX5, SEPT9, ZNF350, CD47, BRD4, TOP2A, PRKAR1B, CD38, B4GALT5, CXCL11, IL4, NUSAP1, CCNB1, KIF4A, AURKA, ROCK1, LDLR, CD80, SP100, CHI3L1, SRRM1, CTNND1

Hematopoiesis (25)

ID2, TCF4, HLA-DOA, LIF, CHD4, CUL4A, PIK3R1, PDPK1, FBXW7, IKZF1, DICER1, BCL2, CD47, GIMAP5, WASL (includes EG:8976), F5, TOP2A, CD38, RBM15, HBD, CXCL11, IL4, SOX4, CCNB1, MLLT10, MED1, EPOR, CDK1, IRF7, CD80, TLR5, CD70, BCL11A, JAG1

Immune response (32)

CF4, HLA-DOA, ID2, LIF, CHD4, PIK3R1, FBXW7, PDPK1, IKZF1, DICER1, BCL2, GIMAP5, CD47, WASL (includes EG:8976), F5, TOP2A, IL4, SOX4, CCNB1, MLLT10, CDK1, TLR5, CD80, CD70, BCL11A, PRKAR1B, CD38, RBM15, AICDA, PTGDR, CXCL11, LDLR

Cell Death, Cellular Growth and Proliferation (100)

CENPF, LIF, CAMK1D, QKI, HSPA1A, VPRBP, HMHR, ATXN1, CUL4A, PIK3R1, CSNK1A1, DNAJC3, PDPK1, FBXW7, ABCG1, TYMP, LYZ, DICER1, CBX5, PBK, SET, PAK1, GIMAP5, LGALS8, TRAF4, SOX4, HSH2D (includes EG:84941), G2E3, EPOR, MED1, RRM1, TXNL4B, AURKA, BUB1B, BAG4, KAT2B, TFAM, RAPGEF2, CCND2, ZFR, CD70, GCNT1, DUSP4, AGRN, JAG1, PPAT, UBE2C, TCF4, ID2, CDC20, UGCG, EIF2S1, DMD, BCL2, CD47, BRD4, TOP2A, CD38, NAMPT, IFI6, SERBP1, B4GALT5, IL4, API5, CCNB1, CSDA, CDK1, ZNF148, ROCK1, BUB1, SIRT2, LDLR, CD80, DHCR24, S100A9, KLF5, XAF1, DCLRE1B, SKIL, CHI3L1, PPP2R1B, MKI67, GOLGA2, MYOF, TPX2, CNOT7, TES, KIF11, YPEL3, IKZF, NFAT5, NRD1, PRKAR1B, RBM15, DTL, UTP20, KIF15, NRIP1, HMGR, HMGR

Infection Mechanism (34)

HLA-DOA, RREB1, SHCBP1, CAMK1D, VPRBP, RAB2A, PPM1K, NGLY1, CHAF1A, IDH1, BCL2, ALKBH8, NECA83, PAK1, ARGLU1, DKFZP686O24166, SNRPA1, CXCL11, TRIM66, MYOF, UNC93B1, INTS5, STT3A, ZNF148, PDS51, ARF1, LDLR, CD80, BCL11A, MED31, CXADR, CAMKK2, ZNF785, UBE2C

Cell cycle (62)

GAS7, CENPF, DLGAP5, LIF, VPRBP, HSPA1A, PIK3R1, CUL4A, CSNK1A1, DICER1, MKI67, POLE, CHAF1A, PAK1, ZWINT (includes EG:11130), NUCKS1, EPOR, KIF4A, AURKA, TXNL4B, BUB1B, TPX2, RAD1, KAT2B, IRF7, CCND2, ZFR, CD70, UHMK1, KIF11, UBE2C, ID2, CDC20, SEPT9, BCL2, TOP2A, BRD4, CD38, CDCA5, NAMPT, MARCKS (includes EG:4082), IL4, NUSAP1, CCNB1, CDK1, BUB1, KIF15, SIRT2, CD80, SKIL, CAMKK2, CTNND1

Amino Acid Metabolism, Lipid Metabolism (36)

LIF, CCNB1, PTPLA, PIK3R1, CSNK1A1, SLC7A1, PPP1CB, PDPK1, AURKA, CDK1, BCL2, ROCK1, KAT2B, PAK1, CD80, PXK, PRKAR1B, BRD4, DUSP4, RSR1, CAMKK2, IL4, SQLE, QKI, RAB27B, CPT1B, UGCG, ABCG1, CD47, LDLR, DHCR24, LGALS8, FAR2, PTPNC1, MARCKS (includes EG:4082), HMGR

Cellular Development, Cellular Function and

Maintenance, Cellular Compromise, Cell Morphology (54)

CENPF, ID2, TCF4, HLA-DOA, LIF, CHD4, CUL4A, PIK3R1, CSNK1A1, FBXW7, PDPK1, IKZF1, DICER1, BCL2, CD47, PAK1, GIMAP5, WASL (includes EG:8976), LGALS8, F5, TOP2A, CD38, NAMPT, RBM15, MARCKS (includes EG:4082), IL4, CXCL11, SOX4, CCNB1, ATP1B1, MLLT10, EPOR, MED1, CDK1, ROCK1, IRF7, CCND2, CD80, TLR5, CD70, BCL11A, KLF5, HMGR, JAG1, CXADR, UBE2I, CTNND1, RAB27B, EIF2S1, CHAF1, RIF1, ARF1, GOPC, HBD

Gene expression (65)

CENPF, KDM6B, ZNF281, LIF, ATXN1, CUL4A, ZBP1, CBX3, ABCG1, CBX5, SET, ZNF350, CHAF1A, TCF25, THRAP3, SOX4, EPOR, MED1, RAD1, KAT2B, IRF7, TFAM, CNOT7, SYNI2BP, MED31, DUSP4, SMURF2, JAG1, AGRN, RBM39, UBE2I, RAP2A, ID2, RREB1, TCF4, CHD4, IKZF1, DMD, EIF2S1, BCL2, GTF2A2, NAA15, NFAT5, SENP3, TOP2A, RBM15, IL4, RSF1, CCNB1, CSDA, TRIM66, ZNF224, CDK1, AIP, ZNF148, ROCK1, NOC2L, SIRT2, THOC4, KLF5, UBN1, SP100, SKIL, NRIP1, CAMKK2