CALR RREB1 ATP2B4 ARHGAP5 EVL CARD10 **VEGFA** MACF1 **RRAS** MAP2K3 INSIG1 SLC25A23 DNAJB6 RIN2 PNKP NÚŞ1 BCL7B TMX1 MAD2L2 LETM1 PPP1R15A OTUB1 SUPT20H DUSP10 TAOK1 PTEN PFN1 WNT7A TRIM44 EP300 TAOK2 BRD7 ARID1B CDK9 SMARCC1 AKIRIN2 IL4R TOP2B RAC1 MAP4K4 ITGA3 KMT5A CPNE1 RAB11A JUP ÉIFZAK1 DNAJB1 ACTB TMEM33 HLA-F HSP90AA1 STAT2 TMSB4X CHORDC1 MID1 S100A13 PDCD10 EPPK1 STK24 PPP4R2 PPP4C COPS3 USP22 TAF2 SH3BP1 TAF10 DNAJC2 DNAJA4 HDAC2 APP B2M ZC3HAV1 CD58 MCC EIF4G1 RNF169 RNF168 ACTR2 NR4A3 DNAJC7 INO80C SF3B5 CEBPB IL1RAP HLA-DPA1 ZMPSTE24 VDAC1 GAPDH DHX33 -GPI TRAF3 PANX1 EIF2AK2 FOSL2 MAPK1 HLA-DPB1 regulation of epithelial cell migration IGF1R BFAR PPP1R15B SETD2 -CIB1 HRAS **CEBPG** MDK SERPINF1 PPHLN1 RAD21 IGFBP6 DCN ATXN7L3 regulation of cellular response to stress NR1H2 MAPKAPK2 ADAM9 TMED10 EMP2 IRF3 ADAM17 PTAFR ROCK2 SLC38A2 RIOK3 BCAR1 STAT1 LAMTOR5 NCOA7 EGFR KRT6B IRF7 PARP3 OAS1 SP100 GSTP1 OAS3 EPHA2 LPCAT3 SIRT7 UBE2N SLC7A5 PLEC ENO1 HLA-A TMED2 FLOT1 STOML2 AGPAT2 TRIM16 SPRR1B MIF HSPA1A GRINA PTPN1 EREG positive regulation of cytokine production SULF2 MANF CD74 TŔŢ1 HSPB1 TAF12 RBPJ HNRNPK ISG15 PLAUR NDUFA13 HIF1A TXNDC12 CERS3 RELA ROCK1 TRIM56 PELI1 SNAI2 DICER1 BAK1 NCK1 FAS BID

NUPR1 BAY BAD CAV1 HSPA1B FOXP1 CD44 RUNX1 OAS2 IRAK1 RBM47 CTTN TGFB1 IFNGR1 HLA-E HYOU1 PTPN2 PARP1 BAX WNT5A regulation of cytokine-mediated signaling pathway FRMD8 FBX07 ICAM1 / JAG1—KRT17 PMAIP1 SKIL GADD45A CD55 keratinocyte differentiation USP18 ZC3H12A CD109 NKIRAS2 TSC22D1 /ITPRIP RAD9A IFI16 ZBED2 TNFAIP3/ ATF4/ IL20 UBE2K DDX21 PSEN1 FLNB KAZN CDH3 regulation of apoptotic signaling pathway HSPD1 RAB1A GSDMD BCL10 CLIC4 KRT6A CLEC7A BCL3 AFAP1L2 PARP9 PYCARD **ITGAV** C1QBP STK4 TNFRSF14 PTPN6 ADM IRF6 BCL2L12 **TP63** NOC2L BBC3 TICAM1 CTNNB1 KRT16 **IVNS1ABP** CFLAR BECN1 CTSS CTSC DEDI positive regulation of programmed cell death CYLD SAV1 IL1R2 LMNA DEDD2 DNM1L ITGA6 EIF5A WWOX **VDR** PARP14 TSG101 S100A7 MAZ PHLDA1 CASP14 LTBR PLEKHF1
PAK2
PPP1CA NONO TNFRSF1A IKBKB OTULIN OTUD4 ECM1 GBP2 KRT6C HCAR2 SIRT2 CASP4 HTATIP2
GBP3 TSPO CTSD TRAF7 PPP2R1A CAPN2 TGFBR1 TMBIM1 CDC42 TNFSF10 TCTN3 TNFRSF10A B4GALT1 IRAK2 TFAP4 GBP1 VDAC2 MFN2 ATP2A2 FNIP1 TRADD TMC8 DUSP6 ADAR FAIM TMEM14A TNFRSF12A FOSL1 STK17A RPS6KB1 PSME3 IGFBP3 ANO6 GSN PCSK9 SQSTM1 CCAR1 OLFM1 PHLDA2 PRKCI TNFRSF10B PHLDA3 RNPS1 IP6K2 UBE2Z CASP7 LGALS1 EIF2B5 MTCH2 EIF2S1