BTK C4BPA C4BPB CASP1 CCL14 CCL14 CCL2 CCL20 CCL21 CCL3 CCL4 CCL5 CCL8 CCR2 CCR5 CCR6 CCR8 CD1C CD2 CD247 CD28 CD3E CD40LG CD48 CD79A CD80 CD86 CD8B CHRNA4 CLDN14 CLEC2B CLEC4E CLEC6A CLEC6A CNR2 COMP CR2 CSF2RA CTF1 CXCL1 CXCL13 CXCL2 CXCL3 CXCL6 CYSLTR1 CYSLTR2 DAPP1 DAPP1 EBI3 EDN1 EGF EGR2 **FASLG** FCER1G FCGR1A FCGR2B FMO₁ FMO4 FOXA3 FPR1 FPR2 GABBR2 **GABRA5** GAD2 GADL1 GHR GLP1R GNG11 GNG7 GNG8 GNGT2 GRAP2 **GRIA3** GRM3 HCST HDC Galactose metabolism HLA-DQA1 HLA-DQA1 HLA-G 4 2 HRH3 IDO1 0 -2 IDO₂ **IFNG** IGSF11 IL10 IL12RB1 sig TRUE IL18R1 IL1RL1 IL21 IL24 IL2RA IL2RG IL33 IL6 ITK KLRC1 KLRC2 KLRC3 KLRC4 KLRD1 LIF LILRA1 LILRA5 LILRA6 LILRB1 LILRB2 LTA **MAFA MAOB** MMP1 MS4A1 MS4A2 NCF1 NCF4 NEUROD1 NKX2-2 NLRC4 NLRP3 NOD2 NPY4R NPY4R2 NXF2B OLR1 OSM P2RX1 P2RY2 P2RY8 PAK5 PATE1 PATE3 PAX6 PDCD1LG2 PIK3R6 **PKLR PNOC** PPP3R2 PTGS2 RIPK3 RXFP1 **RXRG** S100A8 S100A9 SELE SELL SELL SH2D1B SST STAT4 TAC3 TEC TG TIGIT TLR3 TLR7 TLR8 TLR9

TMPRSS2 TNF

TNF
TNFRSF10A
TNFRSF11B
TNFRSF17
TNFRSF18
TNFRSF4
TNFRSF9
TNFSF18
TNFSF18
TNFSF18

TREM2 UTS2B XCR1 ZBP1

log2fc

sig

ADRB1 ADRB2 ALDH3B2 ANGPT1 ASPA AVP BANK1 BMP5