BANK1 BMP5 **BTK** C4BPA C4BPB CASP1 CCL14 CCL18 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 CNR2 COMP CR2 CSF2RA CTF1 CXCL1 CXCL10 CXCL13 CXCL2 CXCL3 CXCL6 CYSLTR1 CYSLTR2 DAPP1 CNR2 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 HLA-DQA1 HLA-DQA1 HLA-G HRH3 IDO1 IDO2 İFNG IGSF11 IL10 IL12RB1 **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** \$100A8 \$100A9 \$ELE SELE SELL SH2D1B SST STAT4 TAC3 TEC TG **TIGIT** TLR3 TLR7 TLR8 TLR9 TMPRSS2 TNF TNF
TNFRSF10A
TNFRSF11B
TNFRSF17
TNFRSF18
TNFRSF4
TNFRSF9
TNFSF18
TNFSF4
TNFSF4
TNFSF4
TREM2 TREM2 UTS2B XCR1 ZBP1 log2fc sig

ADRB1 ADRB2 ALDH3B2 ANGPT1 ASPA AVP

> Fructose and mannose metabolism 0 -2 -4 TRUE

4

2

sig