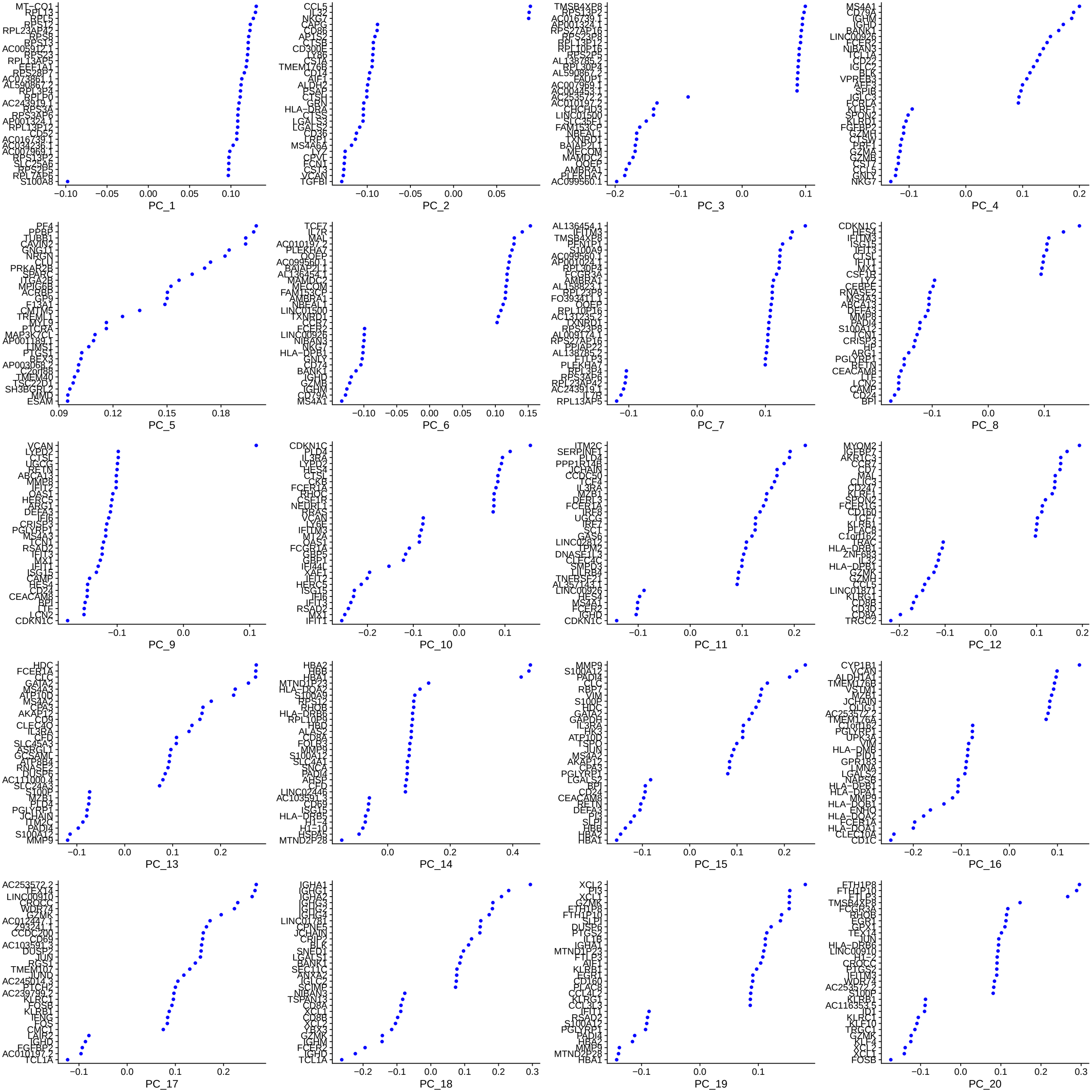
MT−CO1 RPL13 RPL5 RPS12 RPL23AP42 RPS8 RPS13 AC005912.1 RPS23 RPL13AP5 EEF1A1 RPS28P7 AC073861.1 AL590867.2 RPL3P4 RPLP0 AC243919.1 RPS3A RPS3AP6 AP001324.1 RPL13P12 CD52 AC016739.1 AC034236.1 AC007969.1 RPS13P2 SLC25A6 RPS2P5 RPL7AP6 S100A8
−0.10 −0.05 0.00 0.05 0.10
PC_1
CCL5 IL32 NKG7 CAPG CD86 AP1S2 CTSB CD300E LY86 CSTA TMEM176B CD14 AIF1 ALDH2 PSAP CTSH GRN HLA−DRA CTSS LGALS3 LGALS2 CD36 LRP1 MS4A6A LYZ CPVL FCN1 CST3 VCAN TGFBI
−0.10 −0.05 0.00 0.05
PC_2
TMSB4XP8 RPS13P2 AC016739.1 AP001324.1 RPS27AP16 RPS23P8 RPL13P12 RPL10P16 RPS2P5 AL138785.2 RPL30P4 AL590867.2 FAUP1 AC007969.1 AC004453.1 AC253572.2 AC010197.2 CHCHD3 LINC01500 SLC35F1 FAM153CP NBEAL1 TXNRD1 BAIAP2L1 MECOM MAMDC2 OOEP AMBRA1 PLEKHA7 AC099560.1
−0.2 −0.1 0.0 0.1
PC_3
MS4A1 CD79A IGHM IGHD BANK1 LINC00926 FCER2 NIBAN3 TCL1A CD22 IGLC2 BLK VPREB3 AFF3 SPIB IGLC3 FCRLA KLRF1 SPON2 KLRD1 FGFBP2 GZMH CTSW PRF1 GZMA GZMB CST7 CCL5 GNLY NKG7
−0.1 0.0 0.1 0.2
PC_4
PF4 PPBP TUBB1 CAVIN2 GNG11 NRGN CLU PRKAR2B SPARC ITGA2B MPIG6B ACRBP GP9 F13A1 CMTM5 TREML1 MYL9 PTCRA MAP3K7CL AP001189.1 IMS1 PTGS1 BEX3 AP003068.2 C20orf86 TMEM40 TSC22D1 SH3BGRL2 JMJD ESAM
0.09 0.12 0.15 0.18
PC_5
TCF7 IL7R MAL AC010197.2 PLEKHA7 OOEP AC099560.1 BAIAP2L1 AL136454.1 MAMDC2 MECOM FAM153CP AMBRA1 NBEAL1 LINC01500 TXNRD1 CCR7 FCER2 LINC00926 NIBAN3 NKG7 HLA−DPB1 CNLY CD74 BANK1 IGHD GZMB IGHM CD79A MS4A1
−0.10 −0.05 0.00 0.05 0.10 0.15
PC_6
AL136454.1 IFITM3 TMSB4XP8 PFN1P1 S100A9 AC099560.1 AP001024.1 RPL30P4 FCGR3A AMBRA1 AL158823.1 RPL23P8 FO393411.1 OOEP RPL10P16 AC131235.2 TXNRD1 RPS23P8 AL009174.1 RPS27AP16 PPIAP22 AL138785.2 FTL P3 PLEKHA7 RPL3P4 RPS3AP6 RPL23AP42 AC243919.1 IL7R RPL13AP5
−0.1 0.0 0.1
PC_7
CDKN1C HES4 IFITM3 ISG15 IFI3 CTSL IFIT1 MX1 CSF1R LYZ CEBPE RNASE2 MS4A3 ABCA13 DEFA3 MMP8 PADI4 S100A12 LCN1 CRISP3 HP ARG1 PGLYRP1 RETN CEACAM8 AMPP ITF LCN2 CAMP CD24 BPI
−0.1 0.0 0.1
PC_8
VCAN LYPD2 CTSL UGCG RETN ABCA13 MMP8 IFIT2 OAS1 HERC5 ARG1 DEFA3 IFI6 CRISP3 PGLYRP1 MS4A3 LCN1 RSAD2 IFI3 MX1 IFIT1 ISG15 CAMP HES4 CD24 CEACAM8 BPI LTF LCN2 CDKN1C
−0.1 0.0 0.1
PC_9
CDKN1C PLD4 IL3RA LYPD2 HES4 CTSL CKB FCER1A RHOC CSF1R NEURL1 RRAS VCAN LY6E IFITM3 MT2A OAS1 FCGR1A GBP5 GBP1 IFI44L XAF1 IFIT2 HERC5 ISG15 IFI6 IFI3 RSAD2 MX1 IFIT1
−0.2 −0.1 0.0 0.1
PC_10
ITM2C SERPINF1 PLD4 PPP1R14B JCHAIN CCDC50 TCF4 IL3RA MZB1 DERL3 FCER1A IRF8 UGCG IRF7 SCT GAS6 LINC02812 TPM2 DNASE1L3 CLEC4C SMPD3 IGLRB4 TNFRSF21 AL357143.1 LINC00926 HES4 MS4A1 FCER2 IGHD CDKN1C
−0.1 0.0 0.1 0.2
PC_11
MYOM2 IGFBP7 AKR1C3 CCR7 CD7 MAL CLIC3 CD247 KLRF1 SPON2 FCER1G CD160 TCF7 KLRB1 PLAC8 C10orf162 TRAC HLA−DRB1 ZNF683 IL32 HLA−DPB1 GZMK GZMH CCL5 LINC01871 KLRG1 CD8B CD3D CD8A TRGC2
−0.2 −0.1 0.0 0.1 0.2
PC_12
HDC FCER1A CLC GATA2 MS4A3 ATP10D MS4A2 CPA3 AKAP12 CD9 CLEC4D IL3RA CFD SLC45A3 ASPGL1 GCSAML ATP8B4 RNASE2 DUSP6 AC111000.4 SLC24A3 S100P MZB1 PTCD4 PGLYRP1 JCHAIN ITM2C PADI4 S100A12 MMP9
−0.1 0.0 0.1 0.2
PC_13
HBA2 HBB HBA1 MTND1P23 HLA−DQA2 S100A9 RPS12 RHOB HLA−DRB6 RPL10P9 HBD ALAS2 CD8A FOLR3 MMP9 S100A12 SLC4A1 SNCA PADI4 AHSP CFD LINC02446 AC103591.3 CD69 ISG15 HLA−DRB5 H1−4 H1−10 HSPA5 MTND2P28
0.0 0.2 0.4
PC_14
MMP9 S100A12 PADI4 CLC RBP7 VIM S100P HDC GATA2 GAPDH IL3RA HK3 ATP10D TSPO JUN MS4A2 AKAP12 CPA3 PGLYRP1 LGALS2 BPI CD24 CEACAM8 RETN DEFA3 PI3 SLPI HBB HBA2 HBA1
−0.1 0.0 0.1 0.2
PC_15
CYP1B1 VCAN ALDH1A1 TMEM176B VSTM1 MZB1 JCHAIN OLIG1 AC253572.2 TMEM176A C10orf162 PGLYRP1 UPK3A VIM HLA−DMB PID1 GPR183 LMNA LGALS2 NAPSB HLA−DPB1 HLA−DPA1 MMP9 HLA−DQB1 ENHO HLA−DQA2 FCER1A HLA−DQA1 CLEC10A CD1C
−0.2 −0.1 0.0 0.1
PC_16
AC253572.2 TEX14 LINC00910 CROCC WDR74 GZMK AC012447.1 293241.1 CCDC200 CD69 AC103591.3 DUSP2 JUN RGS1 TMEM107 JUND AC245014.3 PTCH2 AC239799.2 KLRC1 FOSB KLRB1 TENG FOS CMC1 LAIR2 IGHD FGFBP2 AC010197.2 TCL1A
−0.1 0.0 0.1 0.2
PC_17
IGHA1 IGHG1 IGHA2 IGHG3 IGHG2 IGHG4 LINC01781 CPNE5 JCHAIN CRIP2 BLK SNED1 LGALS1 BANK1 SEC11C ANXA2 IGLC2 SCIMP NIBAN3 TSPAN13 CD8A XCL1 CD8B XCL2 YBX3 GZMK IGHM FCER2 IGHD TCL1A
−0.2 −0.1 0.0 0.1 0.2 0.3
PC_18
XCL2 PI3 XCL1 GZMK FTH1P8 FTH1P10 SLPI DUSP6 PTGS2 IL1B IGHA1 MTND1P23 FTL P3 AIF1 KLRB1 EGR1 CD160 PLAC8 CCL4L2 KLRG1 CCL3L3 IFIT1 RSAD2 S100A12 PGLYRP1 PADI4 HBA2 MMP9 MTND2P28 HBA1
−0.1 0.0 0.1
PC_19
FTH1P8 FTH1P10 FTL P3 TMSB4XP8 FCGR3A RHOB EGR1 GPX1 TEX14 JUN HLA−DRB6 LINC00910 H1−2 CROCC PTGS2 IFITM3 WDR74 AC253572.2 S100P KLRB1 AC116353.5 ID1 KLRC1 KLF10 TRGC1 GZMK KLF4 XCL2 XCL1 FOSB
−0.1 0.0 0.1 0.2 0.3
PC_20