| TRAF4 - | cibersort B cell | Dendritic cell | Macrophage/Monocyte | NK co | ell | T cell CD4+ | T cell CD8+ | |
|---|---------------------------------|----------------|---------------------|-----------------|------|---|--------------------|------------------------------|
| TNFRSF13B - SPIB - SP140 - PNOC - NMBR - LY86 - LHCGR - IL7 - | 1 | | | | | | | B cells memory |
| IFNA10 - (FCGR2B - BLK - BANK1 - AIM2 - ZNF286A - VPREB3 - | | | | | | | | |
| UGT1A8 - TCL1A - STAP1 - SLC12A1 - RASGRP2 - RALGPS2 - PSG2 - P2RX5 - | - (I- | -D- | | | | | | |
| P2RX5 - NIPSNAP3B - (MS4A1 - MICAL3 - MEP1A - IL4R - HLA-DOB - HHEX - | • - - | | • | | | | | |
| GPR18 - FRK - 0 FCRL2 - CR2 - CD79B - CD79A - CD72 - | 1 1 1 10 10 10 | | | | | | | B cells naive |
| CD69 - CD37 - CD22 - CD19 - BRAF - BEND5 - BCL7A - | -O- -O- 1 | | | 11- | | -O- | | |
| BACH2 - ADAM28 - ABCB4 - TMEM255A - SLCO5A1 - RSAD2 - PDCD1LG2 - | * | | | | | ! | <u> </u> | |
| MSC - MSC - MAP3K13 - LAMP3 - KYNU - IL12B - (HTR2B - (ETV3 - | 1 1 4 | | | | | | | Dendritic cells activated |
| DHX58 - CLIC2 - CHST7 - CD86 - CD80 - CCL22 - CCL17 - | | | | | | | | |
| BIRC3 - ARHGAP22 - (TREM2 - (SLAMF8 - SCN9A - RNASE6 - PPFIBP1 - | , ' | | | | | | | |
| HLA-DQA1 - FZD2 - 0 FPR3 - 0 FLVCR2 - FCER2 - FAM198B - EGR2 - | | | # 1 | | | | | Dendritic cells resting |
| CD1E - CD1C - CD1B - CD1A - ALOX15 - ACP5 - | • | | | | | | | |
| ZNF222 - C ZNF165 - C TRPM6 - C ST3GAL6 - SMPDL3B - SMPD3 - SAMSN1 - RRP12 - | | | | | | | | |
| RNASE2 - RGS1 - PKD2L2 - PDE6C - P2RY2 - P2RY14 - P2RY10 - | | | | | | | | |
| OSM - NR4A3 - NCF2 - LRMP - IL5RA - GPR65 - GPR183 - GIPR - | † | - D- | | | | | | Eosinophils |
| FOSB - EPN2 - DEPDC5 - DAPK2 - CLC - CD244 - CCR3 - | | | | | | | | |
| C3AR1 - BCL2A1 - PPBP - (PLA2G7 - MMP9 - (MARCO - | | | | | | | | |
| IGSF6 - HK3 - (GPC4 - (DCSTAMP - CYP27A1 - CXCL5 - CSF1 - COL8A2 - | 1 1 1 | | | | | | | Macrophages M0 |
| CHI3L1 - CCDC102B - BHLHE41 - ZBTB32 - TRPM4 - TNIP3 - | | | | | | 1 | 1 | |
| TNFAIP6 - TLR8 - TLR7 - SOCS1 - SLC2A6 - SLAMF1 - SIGLEC1 - RASSF4 - | | | | | | | | |
| PTGIR - PLA1A - NOD2 - LILRB2 - (LAG3 - IRF8 - IFI44L - | 1 1 0 1 1 | | | | | | | Macrophages |
| IDO1 - HESX1 - (HCK - (EBI3 - CYP27B1 - CXCL9 - CXCL11 - | | | | | | | | Macrophages M1 |
| CXCL10 - CD40 - CCR7 - CCL8 - CCL19 - CASP5 - ARRB1 - | | | | | | * -CD | -(1)- | |
| APOL6 - APOL3 - ADAMDEC1 - ACHE - WNT5B - (SLC15A3 - (RENBP - | | | | | | | | |
| NPL - NME8 - MS4A6A - HRH1 - HNMT - GGT5 - FRMD4A - | | # # | | | | | | Macrophe |
| FES - 0 CRYBB1 - 1 CLEC4A - 0 CLEC10A - 1 CD68 - 1 CD4 - 1 CD209 - 1 | | -ID- | | | | | | Macrophages M2 |
| CD180 - CCL13 - AIF1 - TPSAB1 - TEC - SLC12A8 - RGS13 - | | | | | | | | |
| PRG2 - NTRK1 - NOX3 - MYB - (MARCH3 - IL5 - IL1RL1 - | | | | | | | | |
| IL1B - IL1A - IL18R1 - HDC - CXCL3 - CSF2 - CMA1 - CCL7 - | ш— | D- • | | | | - • | | Mast cells activated |
| CCL20 - CCL1 - AZU1 - ATP8B4 - STXBP6 - SEPT8 - | | | | | | | | |
| RAB27B - PAQR5 - P2RX1 - MS4A3 - MS4A2 - LTC4S - HPGDS - | | | | | | | | |
| HOXA1 - GFI1 - FCER1A - FAM174B - FAM124B - ELANE - CTSG - | | | | | | | | Mast cells resting |
| CPA3 - CEACAM8 - G BPI - G BMP2K - ADRB2 - G ADAMTS3 - VNN1 - G | | | | | | | | |
| UPK3A - S100A12 - NLRP3 - HPSE - FCN1 - (CLEC7A - CFP - | | | | | | | | Monocytes |
| CD33 - CD1D - CCR2 - ASGR2 - ASGR1 - CVNN3 - CVNN2 - CD33 | | | <u> </u> | | | | <u> </u> | |
| TREML2 - TREM1 - TNFRSF10C - (TLR2 - STEAP4 - SELL - REPS2 - QPCT - | TI- | | | O- | | | | |
| PLEKHG3 - (PGLYRP1 - (PADI4 - | | | | | | | | |
| MMP25 - MGAM - MEFV - MAK - (LST1 - LILRA2 - (HSPA6 - (| | | | | | | | Neutrophils |
| HAL - FPR2 - FPR1 - FFAR2 - FCGR3B - FAM212B - DPEP2 - CXCR2 - | | | | | | | | |
| CXCR1 - CSF3R - (CREB5 - CHST15 - CEACAM3 - CDA - C5AR2 - | | | | | | | | |
| C5AR1 - 0 BTNL8 - 0 BST1 - AQP9 - APOBEC3A - ALOX5 - | | | | | | | | |
| TXK - 0 TNFSF14 - PTGER2 - 0 PTGDR - 1 PRR5L - PRF1 - 0 NKG7 - NCR3 - | | | | -0-• | | | | |
| KIR3DL2 - (KIR3DL2 - (KIR2DL4 - (KIR2DL1 - (IL2RB - (IL12RB2 - GZMB - (| | -III- | | | | | -n | NK cells activated |
| GZMA - GNLY - FASLG - CTSW - CDK6 - CCND2 - APOBEC3G - | | | | | | | | |
| ZNF135 - ZBP1 - TTC38 - TEP1 - TBX21 - S1PR5 - PVRIG - | † | | | | | | | |
| PLEKHF1 - NAALADL1 - KLRK1 - KLRF1 - KLRD1 - KLRC3 - KLRC3 - | 1 1 1 • | | | | | | 1 | NK cells resting |
| IL18RAP - GZMM - GZMH - DEFA4 - CDHR1 - CD300A - CD247 - CAMP - | | | | | | | 1 | |
| UGT2B17 - (TNFRSF17 - TMEM156 - TGM5 - ST6GALNAC4 - SPAG4 - (| | • | | | | | | |
| SIK1 - REN - RASGRP3 - PDK1 - PAX7 - MZB1 - MROH7 - MAST1 - | • • • • • • • | | | | | | | |
| MANEA - (MAN1A1 - KCNG2 - (KCNA3 - GPR25 - GNG7 - EAF2 - | † | | | | | | | Plasma cells |
| DENND5B - CD38 - CD27 - CCR10 - ATXN8OS - ANGPT4 - AMPD1 - | | | | | | | | |
| ABCB9 - SKA1 - RRP9 - ORC1 - IL9 - IL4 - IL3 - | | | | | | | | T |
| IL2RA - IL26 - IL17A - IFNG - CXCR6 - CDC25A - CD28 - | | | | | | | 1 | T cells CD4 memory activated |
| ZFP36L2 - TRAT1 - RPL10L - (RCAN3 - RASA3 - PBXIP1 - FBXL8 - | | | | | | 1 | | Ticelle CD4 *** |
| ETS1 - EPB41 - DPP4 - CD6 - CD40LG - CD3E - CCR6 - | | | | | | | | T cells CD4 memory resting |
| ZNF324 - WNT7A - WNT7A - VILL - UBASH3A - TCF7 - SERGEF - MAP9 - | | | | | | | | |
| MAP9 - MAP4K2 - LY9 - LEF1 - ITK - IL7R - GRAP2 - GAL2074 | 1 | | | | | | | T cells CD4 naive |
| GAL3ST4 - FLT3LG - EPHA1 - DSC1 - BFSP1 - BCL11B - ANKRD55 - | | | | | | | | |
| PIK3IP1 - LIME1 - KLRC4 - CRTAM - (CD8B - CD8A - CD3G - | | | | | | ₽ • | -ID- | T cells CD8 |
| ZBTB10 - 0 ZAP70 - 0 TSHR - 1 TRIB2 - ST8SIA1 - SLC7A10 - 1 SIRPG - 1 | | | | | | • | | |
| SIRPG - SH2D1A - PTPRCAP - PDCD1 - PASK - MAP4K1 - LCK - LAT - | | | | + | | | | T cells follicular helper |
| IL21 - (ICOS - (ICA1 - FZD3 - DGKA - CXCR5 - CXCL13 - | | | | | | | | |
| CHI3L2 - CD3D - CD2 - CA8 - ZNF442 - MAGEA11 - | ! | | | | | -D | | |
| KLRG1 - GZMK - DUSP2 - CST7 - COLQ - CDH12 - CD96 - | | | | | | 1 | -D- | T cells gamma delta |
| CD160 - CCR5 - BRSK2 - (TYR - TNFRSF4 - TNFRSF11A - SSX1 - | | | | | | | | |
| SPOCK2 - SKAP1 - SIT1 - SEPT5 - SEC31B - RYR1 - | | | | | | | | |
| PMCH - (PLCH2 - PCDHA5 - NTN3 - NPAS1 - MBL2 - LTB - LILRA4 - | В | | | | | | | T cells regulate (7 |
| LILRA4 - LAIR2 - HIC1 - GYPE - GPR19 - GPR171 - GPR1 - FRMD8 - | | | | | | | | T cells regulatory (Tregs) |
| FRMD8 - FOXP3 - EFNA5 - CTLA4 - CRISP3 - CLEC2D - CEMP1 - | 1 | | | | | | | |
| CD70 - CD7 - | 1 | | 300 600 900 1200 | 0 1000 2 TPM | 3000 | 0 250 500 750 1000125 | 50 0 500 1000 1500 | |