Cluster Top Genes Cell Type

cluster\_0 IL27RA, XXbac-BPG299F13.17, MAGEH1, CCND2, STK17A, AP3M2, MDS2, CD247,

SUCLG2, CORO1B B cells

cluster\_1 KCNG1, PAX5, BTK, GUCD1, PAWR, PTPRCAP, PLD4, BACE2, RP11-428G5.5,

C16orf74 Neutrophils

cluster\_2 RELT, SMCO4, ARPC1B, HLA-DPB1, FCGRT, CYBA, OAS1, RXRA, NCF2,

SRGN T cells (activated/proliferating)

cluster\_3 UBB, C9orf142, PDIA3, C5orf56, KIR3DL2, RAMP1, SRGN, LITAF, KLRC1,

IGFBP7 T cells (activated/proliferating)

cluster\_4 CEBPB, BLVRA, SRGN, C1orf162, TNFAIP2, STX11, APOBEC3A, LINC00936,

IL1B, CCL3 B cells

cluster 5 IRF7, IRF8, TNFSF13B, TPM4, ARPC1B, COTL1, LAMTOR1, LST1, ZNF503,

PYCARD T cells

cluster\_6 ESAM, FAXDC2, RP11-879F14.2, ODC1, MARCH2, PARVB, SCGB1C1, NCOA4,

HGD, C6orf25 B cells

cluster\_7 GLRX3, PRPF31, TPM4, JAKMIP1, EXOSC8, MPP6, TMEM208, POLR2E,

THOC7, MMADHC B cells