Cluster Top Genes Cell Type ID2, PLEKHF1, CAPN12, PLEK, S100A4, GYG1, CMC1, GNLY, XCL2, cluster 0 PPP2R2B B cells cluster_1 AC079767.4, CYB561A3, ADAM28, POU2AF1, QRSL1, MEF2C, SNX29P2, CD22, SWAP70, MARCH1 B cells cluster 2 GATA3, SEPT1, STMN3, BTG2, SH3YL1, SELM, C14orf64, CISH, CXCR4, GPR183 T cells (activated/proliferating) LYL1, SMCO4, CPVL, MT2A, HLA-DRB5, LGALS3, APOBEC3B, HLA-DRB1, CTSB, cluster 4 B cells S100A9 NCR1, F2R, ALOX5AP, PTGDS, ABHD17A, PLEK, CCL3, ID2, CCL5, cluster_5 Myeloid Cells **TYROBP** cluster 6 TKT, PSAP, VCAN, PYCARD, TNFSF13B, S100A11, BRI3, MNDA, CTSS, FPR1 B cells cluster_3 IL7R, NGFRAP1, RGCC, ZNF141, RPS29, PILRB, PASK, PDCD4-AS1, C14orf64, DENND2D Macrophages

PLA2G12A, ILK, MLH3, TPM4, NGFRAP1, SNN, FAXDC2, HGD, MAP3K7CL,

cluster_7

PGRMC1

B cells