

Figure 1S

Dendritic cells		Score	B cells		Score
1. Ag Presentation, Inflammatory Response, Cell to Cell Signaling and Interaction	HLA-DR, HLA-DRB1, CD74, RAB6A, CTSZ, ITM2B, PANX1, RPS19, TLN-1, ANXA6, APOB, APOE, CAPNS1, FGA, FN1	29	1. Cell to Cell Signaling and Interaction, Tissue development, Cell Assembly and Organization	ALK, ANXA1, APOE, BCAR3, CAP1, ENTPD1, FN1, GEFT, GRIK1, ILK, ITGAX, MOV10L1, PTPRN, TLX1, VCAN	32
2. Cell Morphology and Organization, Tissue Development and Function	APOB48R, BTBD10, EBF1, FANCB, KDM5D, LCP1, PRDM10, SHOX2, SLAMF7, CTSZ, SDF2L1, LAPTM4B, IFITM3	27	2. Cell Death, Cell Morphology	BSCL2, COX6A1, CTNN2, DIAPH1, FOXD1, HLTF, NEB, OAS1B, RAB6B, SFPQ, SMPDL3A	29
3. Lipid Metabolism, Small Molecule Biochemistry, Cell assembly and Organization	CAP1, CSTF2T, GAPDHS, HOOK3, HOXD13, LRRC16A, NDUFA4, NPAT, RPS17, TUBGCP5	25	3. Infection Mechanism, Tumor Morphology, DNA Replication/ Recombination/ Repair	ATG4D, DNAH8, EHMT1, FANCB, HOOK3, NPAT, SHARPIN, SHISA5, SNX17, ATX5, WIZ	23
4. Drug Metabolism, Small Molecule Biochemistry	ACE2, CLINT1, CTNNA2, HERC1, KCNAB1, NEB, PIGA, SMPDL3A, TNKS1BP1	19	4. Gene Expression, Cell Maintenance and Development	ACE2, CAPNS1, GRAMD1A, HLA-DRA, HOXD13, ITM2B, LAPTM4B, MYH10, NOTCH2, SF3B3, ZBTB11	21