

The list of 28 immune gene sets

Metagene	Cell type
<i>ADAM28</i>	Activated B cell
<i>CD180</i>	Activated B cell
<i>CD79B</i>	Activated B cell
<i>BLK</i>	Activated B cell
<i>CD19</i>	Activated B cell
<i>MS4A1</i>	Activated B cell
<i>TNFRSF17</i>	Activated B cell
<i>IGHM</i>	Activated B cell
<i>GNG7</i>	Activated B cell
<i>MICAL3</i>	Activated B cell
<i>SPIB</i>	Activated B cell
<i>HLA-DOB</i>	Activated B cell
<i>IGKC</i>	Activated B cell
<i>PNOC</i>	Activated B cell
<i>FCRL2</i>	Activated B cell
<i>BACH2</i>	Activated B cell
<i>CR2</i>	Activated B cell
<i>TCL1A</i>	Activated B cell
<i>AKNA</i>	Activated B cell
<i>ARHGAP25</i>	Activated B cell
<i>CCL21</i>	Activated B cell
<i>CD27</i>	Activated B cell
<i>CD38</i>	Activated B cell
<i>CLEC17A</i>	Activated B cell
<i>CLEC9A</i>	Activated B cell
<i>CLECL1</i>	Activated B cell
<i>AIM2</i>	Activated CD4 T cell

<i>BIRC3</i>	Activated CD4 T cell
<i>BRIP1</i>	Activated CD4 T cell
<i>CCL20</i>	Activated CD4 T cell
<i>CCL4</i>	Activated CD4 T cell
<i>CCL5</i>	Activated CD4 T cell
<i>CCNB1</i>	Activated CD4 T cell
<i>CCR7</i>	Activated CD4 T cell
<i>DUSP2</i>	Activated CD4 T cell
<i>ESCO2</i>	Activated CD4 T cell
<i>ETS1</i>	Activated CD4 T cell
<i>EXO1</i>	Activated CD4 T cell
<i>EXOC6</i>	Activated CD4 T cell
<i>IARS</i>	Activated CD4 T cell
<i>ITK</i>	Activated CD4 T cell
<i>KIF11</i>	Activated CD4 T cell
<i>KNTC1</i>	Activated CD4 T cell
<i>NUF2</i>	Activated CD4 T cell
<i>PRC1</i>	Activated CD4 T cell
<i>PSAT1</i>	Activated CD4 T cell
<i>RGS1</i>	Activated CD4 T cell
<i>RTKN2</i>	Activated CD4 T cell
<i>SAMSN1</i>	Activated CD4 T cell
<i>SELL</i>	Activated CD4 T cell
<i>TRAT1</i>	Activated CD4 T cell
<i>ADRM1</i>	Activated CD8 T cell
<i>AHSA1</i>	Activated CD8 T cell
<i>C1GALT1C1</i>	Activated CD8 T cell
<i>CCT6B</i>	Activated CD8 T cell
<i>CD37</i>	Activated CD8 T cell

<i>CD3D</i>	Activated CD8 T cell
<i>CD3E</i>	Activated CD8 T cell
<i>CD3G</i>	Activated CD8 T cell
<i>CD69</i>	Activated CD8 T cell
<i>CD8A</i>	Activated CD8 T cell
<i>CETN3</i>	Activated CD8 T cell
<i>CSE1L</i>	Activated CD8 T cell
<i>GEMIN6</i>	Activated CD8 T cell
<i>GNLY</i>	Activated CD8 T cell
<i>GPT2</i>	Activated CD8 T cell
<i>GZMA</i>	Activated CD8 T cell
<i>GZMH</i>	Activated CD8 T cell
<i>GZMK</i>	Activated CD8 T cell
<i>IL2RB</i>	Activated CD8 T cell
<i>LCK</i>	Activated CD8 T cell
<i>MPZL1</i>	Activated CD8 T cell
<i>NKG7</i>	Activated CD8 T cell
<i>PIK3IP1</i>	Activated CD8 T cell
<i>PTRH2</i>	Activated CD8 T cell
<i>TIMM13</i>	Activated CD8 T cell
<i>ZAP70</i>	Activated CD8 T cell
<i>ABHD3</i>	Central memory CD4 T cell
<i>AHNAK</i>	Central memory CD4 T cell
<i>ANXA2P2</i>	Central memory CD4 T cell
<i>AQP3</i>	Central memory CD4 T cell
<i>ATHL1</i>	Central memory CD4 T cell
<i>BMI1</i>	Central memory CD4 T cell
<i>BZW2</i>	Central memory CD4 T cell
<i>CD63</i>	Central memory CD4 T cell

<i>COL4A1</i>	Central memory CD4 T cell
<i>CYLD</i>	Central memory CD4 T cell
<i>ELMO2</i>	Central memory CD4 T cell
<i>FYN</i>	Central memory CD4 T cell
<i>GLIPR1</i>	Central memory CD4 T cell
<i>GSS</i>	Central memory CD4 T cell
<i>IFITM2</i>	Central memory CD4 T cell
<i>ITGB1</i>	Central memory CD4 T cell
<i>ITGB2</i>	Central memory CD4 T cell
<i>KLF5</i>	Central memory CD4 T cell
<i>LSP1</i>	Central memory CD4 T cell
<i>NDUFB9</i>	Central memory CD4 T cell
<i>PKM2</i>	Central memory CD4 T cell
<i>SFXN3</i>	Central memory CD4 T cell
<i>SIRPG</i>	Central memory CD4 T cell
<i>SMAD4</i>	Central memory CD4 T cell
<i>STX4</i>	Central memory CD4 T cell
<i>TRADD</i>	Central memory CD4 T cell
<i>VIM</i>	Central memory CD4 T cell
<i>XRCC6</i>	Central memory CD4 T cell
<i>ACTN4</i>	Central memory CD8 T cell
<i>ADAM12</i>	Central memory CD8 T cell
<i>ADCY9</i>	Central memory CD8 T cell
<i>F13A1</i>	Central memory CD8 T cell
<i>FCER1G</i>	Central memory CD8 T cell
<i>FCGR3B</i>	Central memory CD8 T cell
<i>FGF7</i>	Central memory CD8 T cell
<i>FKBP4</i>	Central memory CD8 T cell
<i>GLUD1</i>	Central memory CD8 T cell

<i>GM2A</i>	Central memory CD8 T cell
<i>GUSB</i>	Central memory CD8 T cell
<i>IL1RN</i>	Central memory CD8 T cell
<i>NOL11</i>	Central memory CD8 T cell
<i>NTRK1</i>	Central memory CD8 T cell
<i>RARA</i>	Central memory CD8 T cell
<i>RNF128</i>	Central memory CD8 T cell
<i>SIGLEC1</i>	Central memory CD8 T cell
<i>TNFRSF11A</i>	Central memory CD8 T cell
<i>TOX4</i>	Central memory CD8 T cell
<i>UBA52</i>	Central memory CD8 T cell
<i>ULBP1</i>	Central memory CD8 T cell
<i>ATM</i>	Effector memory CD4 T cell
<i>CASP3</i>	Effector memory CD4 T cell
<i>CASQ1</i>	Effector memory CD4 T cell
<i>CD300E</i>	Effector memory CD4 T cell
<i>DARS</i>	Effector memory CD4 T cell
<i>DOCK9</i>	Effector memory CD4 T cell
<i>EXOSC9</i>	Effector memory CD4 T cell
<i>EZH2</i>	Effector memory CD4 T cell
<i>GDE1</i>	Effector memory CD4 T cell
<i>IL34</i>	Effector memory CD4 T cell
<i>NCOA4</i>	Effector memory CD4 T cell
<i>NEFL</i>	Effector memory CD4 T cell
<i>PDGFRL</i>	Effector memory CD4 T cell
<i>PTGS1</i>	Effector memory CD4 T cell
<i>REPS1</i>	Effector memory CD4 T cell
<i>SCG2</i>	Effector memory CD4 T cell
<i>SDPR</i>	Effector memory CD4 T cell

<i>SIGLEC14</i>	Effector memory CD4 T cell
<i>SIGLEC6</i>	Effector memory CD4 T cell
<i>TAL1</i>	Effector memory CD4 T cell
<i>TFEC</i>	Effector memory CD4 T cell
<i>TIPIN</i>	Effector memory CD4 T cell
<i>TPK1</i>	Effector memory CD4 T cell
<i>UQCRB</i>	Effector memory CD4 T cell
<i>USP9Y</i>	Effector memory CD4 T cell
<i>WIPF1</i>	Effector memory CD4 T cell
<i>ZCRB1</i>	Effector memory CD4 T cell
<i>ACAP1</i>	Effector memory CD8 T cell
<i>APOL3</i>	Effector memory CD8 T cell
<i>ARHGAP10</i>	Effector memory CD8 T cell
<i>ATP10D</i>	Effector memory CD8 T cell
<i>C3AR1</i>	Effector memory CD8 T cell
<i>CCR5</i>	Effector memory CD8 T cell
<i>CD160</i>	Effector memory CD8 T cell
<i>CD55</i>	Effector memory CD8 T cell
<i>CFLAR</i>	Effector memory CD8 T cell
<i>CMKLR1</i>	Effector memory CD8 T cell
<i>DAPP1</i>	Effector memory CD8 T cell
<i>FCRL6</i>	Effector memory CD8 T cell
<i>FLT3LG</i>	Effector memory CD8 T cell
<i>GZMM</i>	Effector memory CD8 T cell
<i>HAPLN3</i>	Effector memory CD8 T cell
<i>HLA-DMB</i>	Effector memory CD8 T cell
<i>HLA-DPA1</i>	Effector memory CD8 T cell
<i>HLA-DPB1</i>	Effector memory CD8 T cell
<i>IFI16</i>	Effector memory CD8 T cell

<i>LIME1</i>	Effector memory CD8 T cell
<i>LTK</i>	Effector memory CD8 T cell
<i>NFKBIA</i>	Effector memory CD8 T cell
<i>SETD7</i>	Effector memory CD8 T cell
<i>SIK1</i>	Effector memory CD8 T cell
<i>TRIB2</i>	Effector memory CD8 T cell
<i>ACP5</i>	Gamma delta T cell
<i>AQP9</i>	Gamma delta T cell
<i>BTN3A2</i>	Gamma delta T cell
<i>C1orf54</i>	Gamma delta T cell
<i>CARD8</i>	Gamma delta T cell
<i>CCL18</i>	Gamma delta T cell
<i>CD209</i>	Gamma delta T cell
<i>CD33</i>	Gamma delta T cell
<i>CD36</i>	Gamma delta T cell
<i>CDK5</i>	Gamma delta T cell
<i>IL10RB</i>	Gamma delta T cell
<i>KLRF1</i>	Gamma delta T cell
<i>LGALS1</i>	Gamma delta T cell
<i>MAPK7</i>	Gamma delta T cell
<i>KLHL7</i>	Gamma delta T cell
<i>KRT80</i>	Gamma delta T cell
<i>LAMC1</i>	Gamma delta T cell
<i>LCORL</i>	Gamma delta T cell
<i>LMNB1</i>	Gamma delta T cell
<i>MEIS3P1</i>	Gamma delta T cell
<i>MPL</i>	Gamma delta T cell
<i>FABP1</i>	Gamma delta T cell
<i>FABP5</i>	Gamma delta T cell

<i>FADD</i>	Gamma delta T cell
<i>MFAP3L</i>	Gamma delta T cell
<i>MINPP1</i>	Gamma delta T cell
<i>RPS24</i>	Gamma delta T cell
<i>RPS7</i>	Gamma delta T cell
<i>RPS9</i>	Gamma delta T cell
<i>DBNL</i>	Gamma delta T cell
<i>CCL13</i>	Gamma delta T cell
<i>CD22</i>	Immature B cell
<i>CYBB</i>	Immature B cell
<i>FAM129C</i>	Immature B cell
<i>FCRL1</i>	Immature B cell
<i>FCRL3</i>	Immature B cell
<i>FCRL5</i>	Immature B cell
<i>FCRLA</i>	Immature B cell
<i>HDAC9</i>	Immature B cell
<i>HLA-DQA1</i>	Immature B cell
<i>HVCN1</i>	Immature B cell
<i>KIAA0226</i>	Immature B cell
<i>NCF1</i>	Immature B cell
<i>NCF1B</i>	Immature B cell
<i>P2RY10</i>	Immature B cell
<i>SP100</i>	Immature B cell
<i>TXNIP</i>	Immature B cell
<i>STAP1</i>	Immature B cell
<i>TAGAP</i>	Immature B cell
<i>ZCCHC2</i>	Immature B cell
<i>AICDA</i>	Memory B cell
<i>CCNA2</i>	Memory B cell

<i>CDKN3</i>	Memory B cell
<i>CLCN5</i>	Memory B cell
<i>ENPP1</i>	Memory B cell
<i>FCER1A</i>	Memory B cell
<i>FCRL4</i>	Memory B cell
<i>MYC</i>	Memory B cell
<i>RUNX2</i>	Memory B cell
<i>SORL1</i>	Memory B cell
<i>SOX5</i>	Memory B cell
<i>STAT5A</i>	Memory B cell
<i>STAT5B</i>	Memory B cell
<i>TLR9</i>	Memory B cell
<i>CCL3L1</i>	Regulatory T cell
<i>CD72</i>	Regulatory T cell
<i>CLEC5A</i>	Regulatory T cell
<i>FOXP3</i>	Regulatory T cell
<i>ITGA4</i>	Regulatory T cell
<i>LICAM</i>	Regulatory T cell
<i>LIPA</i>	Regulatory T cell
<i>LRP1</i>	Regulatory T cell
<i>LRRC42</i>	Regulatory T cell
<i>MARCO</i>	Regulatory T cell
<i>MMP12</i>	Regulatory T cell
<i>MNDA</i>	Regulatory T cell
<i>MRC1</i>	Regulatory T cell
<i>MS4A6A</i>	Regulatory T cell
<i>PELO</i>	Regulatory T cell
<i>PLEK</i>	Regulatory T cell
<i>PRSS23</i>	Regulatory T cell

<i>PTGIR</i>	Regulatory T cell
<i>ST8SIA4</i>	Regulatory T cell
<i>STAB1</i>	Regulatory T cell
<i>B3GAT1</i>	T follicular helper cell
<i>CDK5R1</i>	T follicular helper cell
<i>PDCD1</i>	T follicular helper cell
<i>BCL6</i>	T follicular helper cell
<i>CD200</i>	T follicular helper cell
<i>CD83</i>	T follicular helper cell
<i>CD84</i>	T follicular helper cell
<i>FGF2</i>	T follicular helper cell
<i>GPR18</i>	T follicular helper cell
<i>CEBPA</i>	T follicular helper cell
<i>CECR1</i>	T follicular helper cell
<i>CLEC10A</i>	T follicular helper cell
<i>CLEC4A</i>	T follicular helper cell
<i>CSF1R</i>	T follicular helper cell
<i>CTSS</i>	T follicular helper cell
<i>DMN</i>	T follicular helper cell
<i>DPP4</i>	T follicular helper cell
<i>LRRC32</i>	T follicular helper cell
<i>MC5R</i>	T follicular helper cell
<i>MICA</i>	T follicular helper cell
<i>NCAM1</i>	T follicular helper cell
<i>NCR2</i>	T follicular helper cell
<i>NRP1</i>	T follicular helper cell
<i>PDCD1LG2</i>	T follicular helper cell
<i>PDCD6</i>	T follicular helper cell
<i>PRDX1</i>	T follicular helper cell

<i>RAE1</i>	T follicular helper cell
<i>RAET1E</i>	T follicular helper cell
<i>SIGLEC7</i>	T follicular helper cell
<i>SIGLEC9</i>	T follicular helper cell
<i>TYRO3</i>	T follicular helper cell
<i>CHST12</i>	T follicular helper cell
<i>CLIC3</i>	T follicular helper cell
<i>IVNSIABP</i>	T follicular helper cell
<i>KIR2DL2</i>	T follicular helper cell
<i>LGMN</i>	T follicular helper cell
<i>CD70</i>	Type 1 T helper cell
<i>TBX21</i>	Type 1 T helper cell
<i>ADAM8</i>	Type 1 T helper cell
<i>AHCYL2</i>	Type 1 T helper cell
<i>ALCAM</i>	Type 1 T helper cell
<i>B3GALNT1</i>	Type 1 T helper cell
<i>BBS12</i>	Type 1 T helper cell
<i>BST1</i>	Type 1 T helper cell
<i>CD151</i>	Type 1 T helper cell
<i>CD47</i>	Type 1 T helper cell
<i>CD48</i>	Type 1 T helper cell
<i>CD52</i>	Type 1 T helper cell
<i>CD53</i>	Type 1 T helper cell
<i>CD59</i>	Type 1 T helper cell
<i>CD6</i>	Type 1 T helper cell
<i>CD68</i>	Type 1 T helper cell
<i>CD7</i>	Type 1 T helper cell
<i>CD96</i>	Type 1 T helper cell
<i>CFHR3</i>	Type 1 T helper cell

<i>CHRM3</i>	Type 1 T helper cell
<i>CLEC7A</i>	Type 1 T helper cell
<i>COL23A1</i>	Type 1 T helper cell
<i>COL4A4</i>	Type 1 T helper cell
<i>COL5A3</i>	Type 1 T helper cell
<i>DAB1</i>	Type 1 T helper cell
<i>DLEU7</i>	Type 1 T helper cell
<i>DOC2B</i>	Type 1 T helper cell
<i>EMP1</i>	Type 1 T helper cell
<i>F12</i>	Type 1 T helper cell
<i>FURIN</i>	Type 1 T helper cell
<i>GAB3</i>	Type 1 T helper cell
<i>GATM</i>	Type 1 T helper cell
<i>GFPT2</i>	Type 1 T helper cell
<i>GPR25</i>	Type 1 T helper cell
<i>GREM2</i>	Type 1 T helper cell
<i>HAVCR1</i>	Type 1 T helper cell
<i>HSD11B1</i>	Type 1 T helper cell
<i>HUNK</i>	Type 1 T helper cell
<i>IGF2</i>	Type 1 T helper cell
<i>RCSD1</i>	Type 1 T helper cell
<i>RYR1</i>	Type 1 T helper cell
<i>SAVI</i>	Type 1 T helper cell
<i>SELE</i>	Type 1 T helper cell
<i>SELP</i>	Type 1 T helper cell
<i>SH3KBP1</i>	Type 1 T helper cell
<i>SIT1</i>	Type 1 T helper cell
<i>SLC35B3</i>	Type 1 T helper cell
<i>SIGLEC10</i>	Type 1 T helper cell

<i>SKAP1</i>	Type 1 T helper cell
<i>THUMPD2</i>	Type 1 T helper cell
<i>TIGIT</i>	Type 1 T helper cell
<i>ZEB2</i>	Type 1 T helper cell
<i>ENC1</i>	Type 1 T helper cell
<i>FAM134B</i>	Type 1 T helper cell
<i>FBXO30</i>	Type 1 T helper cell
<i>FCGR2C</i>	Type 1 T helper cell
<i>STAC</i>	Type 1 T helper cell
<i>LTC4S</i>	Type 1 T helper cell
<i>MAN1B1</i>	Type 1 T helper cell
<i>MDH1</i>	Type 1 T helper cell
<i>MMD</i>	Type 1 T helper cell
<i>RGS16</i>	Type 1 T helper cell
<i>IL12A</i>	Type 1 T helper cell
<i>P2RX5</i>	Type 1 T helper cell
<i>CD97</i>	Type 1 T helper cell
<i>ITGB4</i>	Type 1 T helper cell
<i>ICAM3</i>	Type 1 T helper cell
<i>METRNL</i>	Type 1 T helper cell
<i>TNFRSF1A</i>	Type 1 T helper cell
<i>IRF1</i>	Type 1 T helper cell
<i>HTR2B</i>	Type 1 T helper cell
<i>CALD1</i>	Type 1 T helper cell
<i>MOCOS</i>	Type 1 T helper cell
<i>TRAF3IP2</i>	Type 1 T helper cell
<i>TLR8</i>	Type 1 T helper cell
<i>TRAF1</i>	Type 1 T helper cell
<i>DUSP14</i>	Type 1 T helper cell

<i>IL17A</i>	Type 17 T helper cell
<i>IL17RA</i>	Type 17 T helper cell
<i>C2CD4A</i>	Type 17 T helper cell
<i>C2CD4B</i>	Type 17 T helper cell
<i>CA2</i>	Type 17 T helper cell
<i>CCDC65</i>	Type 17 T helper cell
<i>CEACAM3</i>	Type 17 T helper cell
<i>IL17C</i>	Type 17 T helper cell
<i>IL17F</i>	Type 17 T helper cell
<i>IL17RC</i>	Type 17 T helper cell
<i>IL17RE</i>	Type 17 T helper cell
<i>IL23A</i>	Type 17 T helper cell
<i>ILDR1</i>	Type 17 T helper cell
<i>LONRF3</i>	Type 17 T helper cell
<i>SH2D6</i>	Type 17 T helper cell
<i>TNIP2</i>	Type 17 T helper cell
<i>ABCA1</i>	Type 17 T helper cell
<i>ABCB1</i>	Type 17 T helper cell
<i>ADAMTS12</i>	Type 17 T helper cell
<i>ANK1</i>	Type 17 T helper cell
<i>ANKRD22</i>	Type 17 T helper cell
<i>B3GALT2</i>	Type 17 T helper cell
<i>CAMTA1</i>	Type 17 T helper cell
<i>CCR9</i>	Type 17 T helper cell
<i>CD40</i>	Type 17 T helper cell
<i>GPR44</i>	Type 17 T helper cell
<i>IFT80</i>	Type 17 T helper cell
<i>ASB2</i>	Type 2 T helper cell
<i>CSRP2</i>	Type 2 T helper cell

<i>DAPK1</i>	Type 2 T helper cell
<i>DLC1</i>	Type 2 T helper cell
<i>DNAJC12</i>	Type 2 T helper cell
<i>DUSP6</i>	Type 2 T helper cell
<i>GNAI1</i>	Type 2 T helper cell
<i>LAMP3</i>	Type 2 T helper cell
<i>NRP2</i>	Type 2 T helper cell
<i>OSBPL1A</i>	Type 2 T helper cell
<i>PDE4B</i>	Type 2 T helper cell
<i>PHLDA1</i>	Type 2 T helper cell
<i>PLA2G4A</i>	Type 2 T helper cell
<i>RAB27B</i>	Type 2 T helper cell
<i>RBMS3</i>	Type 2 T helper cell
<i>RNF125</i>	Type 2 T helper cell
<i>TMPRSS3</i>	Type 2 T helper cell
<i>GATA3</i>	Type 2 T helper cell
<i>BIRC5</i>	Type 2 T helper cell
<i>CDC25C</i>	Type 2 T helper cell
<i>CDC7</i>	Type 2 T helper cell
<i>CENPF</i>	Type 2 T helper cell
<i>CXCR6</i>	Type 2 T helper cell
<i>DHFR</i>	Type 2 T helper cell
<i>EVI5</i>	Type 2 T helper cell
<i>GSTA4</i>	Type 2 T helper cell
<i>HELLS</i>	Type 2 T helper cell
<i>IL26</i>	Type 2 T helper cell
<i>LAIR2</i>	Type 2 T helper cell
<i>ABCD1</i>	Activated dendritic cell
<i>CIQC</i>	Activated dendritic cell

<i>CAPG</i>	Activated dendritic cell
<i>CCL3L3</i>	Activated dendritic cell
<i>CD207</i>	Activated dendritic cell
<i>CD302</i>	Activated dendritic cell
<i>ATP5B</i>	Activated dendritic cell
<i>ATP5L</i>	Activated dendritic cell
<i>ATP6V1A</i>	Activated dendritic cell
<i>BCL2L1</i>	Activated dendritic cell
<i>CIQB</i>	Activated dendritic cell
<i>SNURF</i>	Activated dendritic cell
<i>SPCS3</i>	Activated dendritic cell
<i>CCNA1</i>	Activated dendritic cell
<i>CEACAM8</i>	Activated dendritic cell
<i>NOS2</i>	Activated dendritic cell
<i>SRA1</i>	Activated dendritic cell
<i>TNFRSF6B</i>	Activated dendritic cell
<i>TREM1</i>	Activated dendritic cell
<i>TREML1</i>	Activated dendritic cell
<i>RHOA</i>	Activated dendritic cell
<i>SLC25A37</i>	Activated dendritic cell
<i>TNFSF14</i>	Activated dendritic cell
<i>TREML4</i>	Activated dendritic cell
<i>VNN2</i>	Activated dendritic cell
<i>XPO6</i>	Activated dendritic cell
<i>CLEC4C</i>	Activated dendritic cell
<i>TNFAIP2</i>	Activated dendritic cell
<i>UBD</i>	Activated dendritic cell
<i>ACTR3</i>	Activated dendritic cell
<i>RAB1A</i>	Activated dendritic cell

<i>SLA</i>	Activated dendritic cell
<i>HLA-DQA2</i>	Activated dendritic cell
<i>SIGLEC5</i>	Activated dendritic cell
<i>SLAMF9</i>	Activated dendritic cell
<i>ABAT</i>	CD56bright natural killer cell
<i>C11orf75</i>	CD56bright natural killer cell
<i>C5orf15</i>	CD56bright natural killer cell
<i>CDHR1</i>	CD56bright natural killer cell
<i>DCAF12</i>	CD56bright natural killer cell
<i>DYNLL1</i>	CD56bright natural killer cell
<i>GPR137B</i>	CD56bright natural killer cell
<i>HCP5</i>	CD56bright natural killer cell
<i>HDGFRP2</i>	CD56bright natural killer cell
<i>KRT86</i>	CD56bright natural killer cell
<i>MLST8</i>	CD56bright natural killer cell
<i>ELMOD3</i>	CD56bright natural killer cell
<i>ENTPD5</i>	CD56bright natural killer cell
<i>FAM119A</i>	CD56bright natural killer cell
<i>FAM179A</i>	CD56bright natural killer cell
<i>CLIC2</i>	CD56bright natural killer cell
<i>COX7A2L</i>	CD56bright natural killer cell
<i>CREB3L4</i>	CD56bright natural killer cell
<i>CSF1</i>	CD56bright natural killer cell
<i>CSNK2A2</i>	CD56bright natural killer cell
<i>CSTA</i>	CD56bright natural killer cell
<i>CSTB</i>	CD56bright natural killer cell
<i>CTPS</i>	CD56bright natural killer cell
<i>CTSD</i>	CD56bright natural killer cell
<i>FST</i>	CD56bright natural killer cell

<i>GATA2</i>	CD56bright natural killer cell
<i>GMPR</i>	CD56bright natural killer cell
<i>HDC</i>	CD56bright natural killer cell
<i>HEY1</i>	CD56bright natural killer cell
<i>HOXA1</i>	CD56bright natural killer cell
<i>HS2ST1</i>	CD56bright natural killer cell
<i>HS3ST1</i>	CD56bright natural killer cell
<i>BCL11B</i>	CD56bright natural killer cell
<i>CDH3</i>	CD56bright natural killer cell
<i>MYL6B</i>	CD56bright natural killer cell
<i>NAA16</i>	CD56bright natural killer cell
<i>CIQA</i>	CD56bright natural killer cell
<i>CIQB</i>	CD56bright natural killer cell
<i>CYP27B1</i>	CD56bright natural killer cell
<i>EIF3M</i>	CD56bright natural killer cell
<i>CYP27A1</i>	CD56dim natural killer cell
<i>DDX55</i>	CD56dim natural killer cell
<i>DYRK2</i>	CD56dim natural killer cell
<i>RPL37A</i>	CD56dim natural killer cell
<i>NOTCH3</i>	CD56dim natural killer cell
<i>AKR7A3</i>	CD56dim natural killer cell
<i>GPRC5C</i>	CD56dim natural killer cell
<i>GRIN1</i>	CD56dim natural killer cell
<i>HLA-E</i>	CD56dim natural killer cell
<i>PORCN</i>	CD56dim natural killer cell
<i>PSMC4</i>	CD56dim natural killer cell
<i>UPP1</i>	CD56dim natural killer cell
<i>IL21R</i>	CD56dim natural killer cell
<i>KIR2DS1</i>	CD56dim natural killer cell

<i>KIR2DS2</i>	CD56dim natural killer cell
<i>KIR2DS5</i>	CD56dim natural killer cell
<i>GIPR</i>	Eosinophil
<i>KRT18P50</i>	Eosinophil
<i>LRMP</i>	Eosinophil
<i>FOSB</i>	Eosinophil
<i>RRP12</i>	Eosinophil
<i>GPR183</i>	Eosinophil
<i>NR4A3</i>	Eosinophil
<i>ST3GAL6</i>	Eosinophil
<i>DEPDC5</i>	Eosinophil
<i>PDE6C</i>	Eosinophil
<i>PKD2L2</i>	Eosinophil
<i>GPR65</i>	Eosinophil
<i>IL5RA</i>	Eosinophil
<i>P2RY14</i>	Eosinophil
<i>DACHI</i>	Eosinophil
<i>DAPK2</i>	Eosinophil
<i>EMR3</i>	Eosinophil
<i>ACADM</i>	Immature dendritic cell
<i>AHCYL1</i>	Immature dendritic cell
<i>ALDH1A2</i>	Immature dendritic cell
<i>ALDH3A2</i>	Immature dendritic cell
<i>ALDH9A1</i>	Immature dendritic cell
<i>ALOX15</i>	Immature dendritic cell
<i>AMT</i>	Immature dendritic cell
<i>ARL1</i>	Immature dendritic cell
<i>ATIC</i>	Immature dendritic cell
<i>ATP5A1</i>	Immature dendritic cell

<i>CAPZA1</i>	Immature dendritic cell
<i>LILRA5</i>	Immature dendritic cell
<i>RDX</i>	Immature dendritic cell
<i>RRAGD</i>	Immature dendritic cell
<i>TACSTD2</i>	Immature dendritic cell
<i>INPP5F</i>	Immature dendritic cell
<i>RAB38</i>	Immature dendritic cell
<i>PLAU</i>	Immature dendritic cell
<i>CSF3R</i>	Immature dendritic cell
<i>SLC18A2</i>	Immature dendritic cell
<i>AMPD2</i>	Immature dendritic cell
<i>CLTB</i>	Immature dendritic cell
<i>C1orf162</i>	Immature dendritic cell
<i>AIF1</i>	Macrophage
<i>CCL1</i>	Macrophage
<i>CCL14</i>	Macrophage
<i>CCL23</i>	Macrophage
<i>CCL26</i>	Macrophage
<i>CD300LB</i>	Macrophage
<i>CNR1</i>	Macrophage
<i>CNR2</i>	Macrophage
<i>EIF1</i>	Macrophage
<i>EIF4A1</i>	Macrophage
<i>FPR1</i>	Macrophage
<i>FPR2</i>	Macrophage
<i>FRAT2</i>	Macrophage
<i>GPR27</i>	Macrophage
<i>GPR77</i>	Macrophage
<i>RNASE2</i>	Macrophage

<i>MS4A2</i>	Macrophage
<i>BASP1</i>	Macrophage
<i>IGSF6</i>	Macrophage
<i>HK3</i>	Macrophage
<i>VNN1</i>	Macrophage
<i>FES</i>	Macrophage
<i>NPL</i>	Macrophage
<i>FZD2</i>	Macrophage
<i>FAM198B</i>	Macrophage
<i>HNMT</i>	Macrophage
<i>SLC15A3</i>	Macrophage
<i>CD4</i>	Macrophage
<i>TXNDC3</i>	Macrophage
<i>FRMD4A</i>	Macrophage
<i>CRYBB1</i>	Macrophage
<i>HRH1</i>	Macrophage
<i>WNT5B</i>	Macrophage
<i>ADAMTS3</i>	Mast cell
<i>CPA3</i>	Mast cell
<i>CMA1</i>	Mast cell
<i>CTSG</i>	Mast cell
<i>ARHGAP15</i>	Mast cell
<i>CPM</i>	Mast cell
<i>FCN1</i>	Mast cell
<i>FTL</i>	Mast cell
<i>HSPA6</i>	Mast cell
<i>ITGA9</i>	Mast cell
<i>RNASE3</i>	Mast cell
<i>S100A4</i>	Mast cell

<i>SIGLEC8</i>	Mast cell
<i>SLC6A4</i>	Mast cell
<i>PTGS2</i>	Mast cell
<i>EGR3</i>	Mast cell
<i>PILRA</i>	Mast cell
<i>CCR2</i>	MDSC
<i>CD14</i>	MDSC
<i>CD2</i>	MDSC
<i>CD86</i>	MDSC
<i>CXCR4</i>	MDSC
<i>FCGR2A</i>	MDSC
<i>FCGR2B</i>	MDSC
<i>FCGR3A</i>	MDSC
<i>FERMT3</i>	MDSC
<i>GPSM3</i>	MDSC
<i>IL18BP</i>	MDSC
<i>IL4R</i>	MDSC
<i>ITGAL</i>	MDSC
<i>ITGAM</i>	MDSC
<i>PARVG</i>	MDSC
<i>PSAP</i>	MDSC
<i>PTGER2</i>	MDSC
<i>PTGES2</i>	MDSC
<i>S100A8</i>	MDSC
<i>S100A9</i>	MDSC
<i>ASGR2</i>	Monocyte
<i>CFP</i>	Monocyte
<i>ASGR1</i>	Monocyte
<i>CD1D</i>	Monocyte

<i>UPK3A</i>	Monocyte
<i>ACTG1</i>	Monocyte
<i>ANXA5</i>	Monocyte
<i>ATP6V1B2</i>	Monocyte
<i>CFL1</i>	Monocyte
<i>DAZAP2</i>	Monocyte
<i>CTBS</i>	Monocyte
<i>EMR4P</i>	Monocyte
<i>HIVEP2</i>	Monocyte
<i>MARCKSL1</i>	Monocyte
<i>MBP</i>	Monocyte
<i>MMP15</i>	Monocyte
<i>PNPLA6</i>	Monocyte
<i>TMBIM6</i>	Monocyte
<i>PQBP1</i>	Monocyte
<i>TEX264</i>	Monocyte
<i>IKZF1</i>	Monocyte
<i>AKT3</i>	Natural killer cell
<i>AXL</i>	Natural killer cell
<i>BST2</i>	Natural killer cell
<i>CDH2</i>	Natural killer cell
<i>CRTAM</i>	Natural killer cell
<i>CSF2RA</i>	Natural killer cell
<i>CTSZ</i>	Natural killer cell
<i>CXCL1</i>	Natural killer cell
<i>CYTH1</i>	Natural killer cell
<i>DAXX</i>	Natural killer cell
<i>DGKH</i>	Natural killer cell
<i>DLL4</i>	Natural killer cell

<i>DPYD</i>	Natural killer cell
<i>ERBB3</i>	Natural killer cell
<i>F11R</i>	Natural killer cell
<i>FAM27A</i>	Natural killer cell
<i>FAM49A</i>	Natural killer cell
<i>FASLG</i>	Natural killer cell
<i>FCGR1A</i>	Natural killer cell
<i>FN1</i>	Natural killer cell
<i>FSTL1</i>	Natural killer cell
<i>FUCA1</i>	Natural killer cell
<i>GBP3</i>	Natural killer cell
<i>GLS2</i>	Natural killer cell
<i>GRB2</i>	Natural killer cell
<i>LST1</i>	Natural killer cell
<i>BCL2</i>	Natural killer cell
<i>CDC5L</i>	Natural killer cell
<i>FGF18</i>	Natural killer cell
<i>FUT5</i>	Natural killer cell
<i>FZR1</i>	Natural killer cell
<i>GAGE2</i>	Natural killer cell
<i>IGFBP5</i>	Natural killer cell
<i>KANK2</i>	Natural killer cell
<i>LDB3</i>	Natural killer cell
<i>BTN2A2</i>	Natural killer T cell
<i>CD101</i>	Natural killer T cell
<i>CD109</i>	Natural killer T cell
<i>CNPY3</i>	Natural killer T cell
<i>CNPY4</i>	Natural killer T cell
<i>CREB1</i>	Natural killer T cell

<i>CRTC2</i>	Natural killer T cell
<i>CRTC3</i>	Natural killer T cell
<i>CSF2</i>	Natural killer T cell
<i>KLRC1</i>	Natural killer T cell
<i>FUT4</i>	Natural killer T cell
<i>ICAM2</i>	Natural killer T cell
<i>IL32</i>	Natural killer T cell
<i>LAMP2</i>	Natural killer T cell
<i>LILRB5</i>	Natural killer T cell
<i>KLRG1</i>	Natural killer T cell
<i>HSPA4</i>	Natural killer T cell
<i>HSPB6</i>	Natural killer T cell
<i>ISM2</i>	Natural killer T cell
<i>ITIH2</i>	Natural killer T cell
<i>KDM4C</i>	Natural killer T cell
<i>KIR2DS4</i>	Natural killer T cell
<i>KIRREL3</i>	Natural killer T cell
<i>SDCBP</i>	Natural killer T cell
<i>NFATC2IP</i>	Natural killer T cell
<i>MICB</i>	Natural killer T cell
<i>KIR2DL1</i>	Natural killer T cell
<i>KIR2DL3</i>	Natural killer T cell
<i>KIR3DL1</i>	Natural killer T cell
<i>KIR3DL2</i>	Natural killer T cell
<i>NCR1</i>	Natural killer T cell
<i>FOSL1</i>	Natural killer T cell
<i>TSLP</i>	Natural killer T cell
<i>SLC7A7</i>	Natural killer T cell
<i>SPP1</i>	Natural killer T cell

<i>TREM2</i>	Natural killer T cell
<i>UBASH3A</i>	Natural killer T cell
<i>YBX2</i>	Natural killer T cell
<i>CCDC88A</i>	Natural killer T cell
<i>CLEC1A</i>	Natural killer T cell
<i>THBD</i>	Natural killer T cell
<i>PDPN</i>	Natural killer T cell
<i>VCAM1</i>	Natural killer T cell
<i>EMR1</i>	Natural killer T cell
<i>CREB5</i>	Neutrophil
<i>CDA</i>	Neutrophil
<i>CHST15</i>	Neutrophil
<i>S100A12</i>	Neutrophil
<i>APOBEC3A</i>	Neutrophil
<i>CASP5</i>	Neutrophil
<i>MMP25</i>	Neutrophil
<i>HAL</i>	Neutrophil
<i>C1orf183</i>	Neutrophil
<i>FFAR2</i>	Neutrophil
<i>MAK</i>	Neutrophil
<i>CXCR1</i>	Neutrophil
<i>STEAP4</i>	Neutrophil
<i>MGAM</i>	Neutrophil
<i>BTNL8</i>	Neutrophil
<i>CXCR2</i>	Neutrophil
<i>TNFRSF10C</i>	Neutrophil
<i>VNN3</i>	Neutrophil
<i>CBX6</i>	Plasmacytoid dendritic cell
<i>DAB2</i>	Plasmacytoid dendritic cell

<i>DDX17</i>	Plasmacytoid dendritic cell
<i>HIGD1A</i>	Plasmacytoid dendritic cell
<i>IDH3A</i>	Plasmacytoid dendritic cell
<i>IL3RA</i>	Plasmacytoid dendritic cell
<i>MAGED1</i>	Plasmacytoid dendritic cell
<i>NUCB2</i>	Plasmacytoid dendritic cell
<i>OFD1</i>	Plasmacytoid dendritic cell
<i>OGT</i>	Plasmacytoid dendritic cell
<i>PDIA4</i>	Plasmacytoid dendritic cell
<i>SERTAD2</i>	Plasmacytoid dendritic cell
<i>SIRPA</i>	Plasmacytoid dendritic cell
<i>TMED2</i>	Plasmacytoid dendritic cell
<i>ENG</i>	Plasmacytoid dendritic cell
<i>FCAR</i>	Plasmacytoid dendritic cell
<i>IGF1</i>	Plasmacytoid dendritic cell
<i>ITGA2B</i>	Plasmacytoid dendritic cell
<i>GABARAP</i>	Plasmacytoid dendritic cell
<i>GPX1</i>	Plasmacytoid dendritic cell
<i>KRT23</i>	Plasmacytoid dendritic cell
<i>PROK2</i>	Plasmacytoid dendritic cell
<i>RALB</i>	Plasmacytoid dendritic cell
<i>RETNLB</i>	Plasmacytoid dendritic cell
<i>RNF141</i>	Plasmacytoid dendritic cell
<i>SEC14L1</i>	Plasmacytoid dendritic cell
<i>SEPX1</i>	Plasmacytoid dendritic cell
<i>EMP3</i>	Plasmacytoid dendritic cell
<i>CD300LF</i>	Plasmacytoid dendritic cell
<i>ABTB1</i>	Plasmacytoid dendritic cell
<i>KLHL21</i>	Plasmacytoid dendritic cell

<i>PHRF1</i>	Plasmacytoid dendritic cell
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