#### Supplemental Material

Table S1-S3

Figure S1-8

### Supplementary Table 1

Species	# of cells	% of reads mapped to genome	Mean reads/cell	Median genes/cell	Total genes detected
Mouse	3013	78.1	80508	952	15380
Rat	3935	82.5	54456	1113	14944
Pig	4671	90.9	61638	1065	14589
Human	2868	91.7	112080	878	17658

## Supplementary Table 2

Cell Type     Gene     P value     Cell Type     Gene     P value       Resident macrophages     C1qb     0.00E+00     Unknown     Cd7     2.06E-179       Resident macrophages     C1qb     0.00E+00     Unknown     Cxcr6     3.33E-120       Resident macrophages     Apoe     0.00E+00     Unknown     Gimap4     4.19E-103       Resident macrophages     H2-Eb1     0.00E+00     Unknown     Gimap6     2.5E-79       Resident macrophages     Ms47     7.14E-240     Unknown     Cld1     3.35E-70       Resident macrophages     Gd74     3.25E-229     Unknown     Cld3     9.89E-04       OC2 DC     Cdc10a     1.42E-124     Innate Lymphoid Cells     Cxcr6     6.75E-200       CDC2 DCs     Clc10a     1.2E-74     Innate Lymphoid Cells     Lxf11     9.02E-150       CD2 DCs     H2-OMb2     1.42E-146     Innate Lymphoid Cells     Lxf6     2.04E-171       DC2 DCs     H2-OMb2     1.42E-146     Innate Lymphoid Cells     Lxf14     9.2FE-50       CDC2 DCs     Napsa						•
Resident macrophages     C1qa     0.00E+00     Unknown     Xcl1     4.04E-179       Resident macrophages     C1qc     0.00E+00     Unknown     Xcl1     4.04E-179       Resident macrophages     C4gc     0.00E+00     Unknown     Gimap4     4.19E-103       Resident macrophages     H2-Eb1     0.00E+00     Unknown     Gimap6     2.55E-79       Resident macrophages     C12     0.00E+00     Unknown     Ttb1     3.35E-70       Resident macrophages     C14     3.25E-229     Unknown     Ccl3     3.98E-04       CDC2 DCs     C2029     C200E     Tnip3     2.35E-210     Innate Lymphoid Cells     Cxc76     6.75E-200       CDC2 DCs     C1p     8.55E-188     Innate Lymphoid Cells     Lx6a     2.01E-121       CDC2 DCs     H2-Oa     4.82E-186     Innate Lymphoid Cells     Lx6a     2.01E-121       CDC2 DCs     H2-Oa     4.82E-186     Innate Lymphoid Cells     Lx6a     2.29E-35       CDC2 DCs     Napsa     1.67E-123     Innate Lymphoid Cells     Lx4E-89     2.29E-35 <tr< td=""><td>Cell Type</td><td>Gene</td><td>P value</td><td>Cell Type</td><td>Gene</td><td>P value</td></tr<>	Cell Type	Gene	P value	Cell Type	Gene	P value
Resident macrophages     C1qb     0.00E+00     Unknown     Xcr66     3.33E+120       Resident macrophages     C4gC     0.00E+00     Unknown     Cxr66     3.33E+120       Resident macrophages     Apoe     0.00E+00     Unknown     Gimap6     2.55E-79       Resident macrophages     MS4a7     7.14E-240     Unknown     Ctd     1.03E-76       Resident macrophages     MS4a7     7.14E-240     Unknown     Ctd     1.03E-76       Resident macrophages     MMp12     1.48E-135     Unknown     Ctd     1.03E-77       Resident macrophages     Mmp12     1.48E-135     Unknown     Ctd     1.03E-70       CDC2 DCs     C12093     0.00E+00     Innate Lymphoid Cells     Cxr16     6.75E-200       CDC2 DCs     Trip3     2.53E-710     Innate Lymphoid Cells     Lxf11     9.02E-150       CDC2 DCs     H2-04     4.82E-186     Innate Lymphoid Cells     Lxf11     9.02E-150       CDC2 DCs     H2-0Mb2     1.42E-146     Innate Lymphoid Cells     Lxf61     3.74E-89       CDC2 DCs     Naps	Resident macrophages	C1qa	0.00E+00	Unknown	Cd7	2.06E-179
Resident macrophages     CLqc     0.00E+00     Unknown     Cxrcf     3.33E-120       Resident macrophages     Apoe     0.00E+00     Unknown     Gimap4     1.9E-103       Resident macrophages     H2-Eb1     0.00E+00     Unknown     Lib     1.36E-76       Resident macrophages     CSS     0.00E+00     Unknown     Cld     1.33E-70       Resident macrophages     CA47     3.25E-229     Unknown     Cld     1.33E-70       Resident macrophages     Cd74     3.25E-229     Unknown     Cld     1.33E-70       Resident macrophages     Cd74     3.25E-229     Unknown     Cld     1.33E-70       Resident macrophages     Cd71     3.25E-229     Unknown     Cld     3.35E-120       CDC2 DCs     Cd209a     0.00E+00     Innate Lymphoid Cells     CA5E-20     CD2 0Cs     Cld     5.5E-188     Innate Lymphoid Cells     Lx6E-113     CDC2 DCs     Cld     6.05E-123     Innate Lymphoid Cells     Lx6E-113     1.42E-123     Innate Lymphoid Cells     Lx6E-124     CDC2 DCs     Socs3     8.42E-69     Innate Lymph	Resident macrophages	C1qb	0.00E+00	Unknown	Xcl1	4.04E-179
Resident macrophages     Cd81     0.00E+00     Unknown     Gimap4     4.19E-103       Resident macrophages     L2Eb1     0.00E+00     Unknown     Gimap6     2.55E-79       Resident macrophages     St47     7.14E-240     Unknown     Ttb1     3.35E-70       Resident macrophages     Ma47     7.14E-240     Unknown     Cc14     1.03E-07       Resident macrophages     Mm12     1.48E-135     Unknown     Cc13     3.98E-04       CDC2 DCs     Cd209a     0.00E+00     Innate Lymphoid Cells     Gata3     2.94E-279       CDC2 DCs     CfP     8.55E-188     Innate Lymphoid Cells     Cx66     6.75E-200       CDC2 DCs     CfP     8.55E-188     Innate Lymphoid Cells     LV6     2.01E-121       CDC2 DCs     H2-OB     4.32E-125     Innate Lymphoid Cells     H33E1     3.74E-89       CDC2 DCs     S100a6     6.01E-125     Innate Lymphoid Cells     H33E1     3.74E-89       CDC2 DCs     Tnfsf9     2.13E-121     Innate Lymphoid Cells     Ha42     2.29E-53       CDC2 DCs     Tnf	Resident macrophages	C1qc	0.00E+00	Unknown	Cxcr6	3.33E-120
Resident macrophages     Apoe     0.00E+00     Unknown     Gimap6     2.45E-103       Resident macrophages     Ctss     0.00E+00     Unknown     Ttb     1.36E-76       Resident macrophages     Ms4a7     7.14E-240     Unknown     Ttbc1     3.35E-79       Resident macrophages     Mmp12     1.48E-135     Unknown     Ccl4     1.03E-07       Resident macrophages     Cd29a     0.00E+00     Innate Lymphoid Cells     Gcta3     2.98E-279       CDC2 DCs     Cle20a     1.12E-274     Innate Lymphoid Cells     Gcta3     2.94E-279       CDC2 DCs     Cle20b     1.26-204     8.28E-186     Innate Lymphoid Cells     Ly6a     2.01E-121       CDC2 DCs     H2-004     8.42E-186     Innate Lymphoid Cells     Ltb     6.25E-99       CDC2 DCs     Napsa     1.67E-123     Innate Lymphoid Cells     Htb     2.29E-53       CDC2 DCs     Napsa     1.67E-123     Innate Lymphoid Cells     Htb     2.29E-53       CDC2 DCs     Napsa     1.67E-123     Innate Lymphoid Cells     Mtb     2.29E-53	Resident macrophages	Cd81	0.00E+00	Unknown	Trbc2	8.37E-104
Resident macrophages     H2-Eb1     0.00E+00     Unknown     Gimap6     2.55E-79       Resident macrophages     Cts     0.00E+00     Unknown     TtbC1     3.35E-70       Resident macrophages     Mmp12     1.48E-240     Unknown     Ccl3     9.39E-04       CDC2 DCs     Cl209a     0.00E+00     Innate Lymphoid Cells     Gata3     2.94E-279       OCC2 DCs     Clec10a     1.12E-274     Innate Lymphoid Cells     Lzf11     9.02E-150       CDC2 DCs     Cfp     8.55E-188     Innate Lymphoid Cells     Lzf6     6.75E-200       CDC2 DCs     H2-0a     4.82E-186     Innate Lymphoid Cells     Lzf6     2.04E-131       CDC2 DCs     H2-0a     4.82E-186     Innate Lymphoid Cells     Hzf6     6.25E-99       CDC2 DCs     H2-0a     4.82E-131     Innate Lymphoid Cells     Hzf6     1.66E-113       CDC2 DCs     Napsa     1.67E-123     Innate Lymphoid Cells     Hzf6     1.66E-113       CDC2 DCs     Napsa     1.67E-123     Innate Lymphoid Cells     Lund     8.44E-89       CDC2 DCs	Resident macrophages	Арое	0.00E+00	Unknown	Gimap4	4.19E-103
Resident macrophages     Ctss     0.00E+00     Unknown     Itb     1.36E-76       Resident macrophages     Ms4a7     7.14E-240     Unknown     Trbc1     3.35E-70       Resident macrophages     Mm12     1.48E-135     Unknown     Ccl4     1.03E-70       Resident macrophages     Mm12     1.48E-135     Unknown     Ccl3     9.89E-04       CDC2 DCs     CleC108     1.12E-274     Innate Lymphoid Cells     Cxcf6     6.75E-200       CDC2 DCs     CleC108     1.21E-274     Innate Lymphoid Cells     Lyf64     2.01E-121       CDC2 DCs     H2-Oba     4.82E-186     Innate Lymphoid Cells     Ksp1     6.65E-99       CDC2 DCs     Napsa     1.67E-123     Innate Lymphoid Cells     Hs3st1     3.74E-89       CDC2 DCs     Napsa     1.67E-123     Innate Lymphoid Cells     Hm4     2.29E-35       CDC2 DCs     Socs3     8.42E-69     Innate Lymphoid Cells     Hm4     2.29E-35       CDC2 DCs     Socs3     8.42E-69     Innate Lymphoid Cells     Hm4     3.44E-29       NK cells     G	Resident macrophages	H2-Eb1	0.00E+00	Unknown	Gimap6	2.55E-79
Resident macrophages     Ms4a7     7.14E-240     Unknown     Trbc1     3.35E-70       Resident macrophages     Cd74     3.25E-229     Unknown     Ccl3     9.89E-04       CDC2 DC     Cd203a     0.00E+00     Innate Lymphoid Cells     Gata3     2.94E-279       CDC2 DCs     Clec10a     1.12E-274     Innate Lymphoid Cells     Cxcr6     6.75E-200       CDC2 DCs     Trip3     2.53E-210     Innate Lymphoid Cells     Lyf1     9.02E-150       CDC2 DCs     H2-04     4.82E-186     Innate Lymphoid Cells     Lyf6     2.01E-121       CDC2 DCs     H2-04     4.82E-186     Innate Lymphoid Cells     H43     3.44E-87       CDC2 DCs     Napsa     1.67E-123     Innate Lymphoid Cells     H44E-87       CDC2 DCs     Tnfsf9     2.13E-112     Innate Lymphoid Cells     Lunb     8.42E-89       NK cells     Gzma     0.00E+00     CDC1 DCs     Kr1     0.00E+00       CDC2 DCs     Tnfsf9     2.13E-112     Innate Lymphoid Cells     Lunb     8.42E-89       NK cells     Mkg7     0.00E+00	Resident macrophages	Ctss	0.00E+00	Unknown	Ltb	1.36E-76
Resident macrophages     Cd74     3.25E-229     Unknown     Ccl4     1.03E-07       Resident macrophages     Mmp12     1.48E-135     Unknown     Ccl3     9.89E-04       CDC2 DCs     Clec10a     1.12E-274     Innate Lymphoid Cells     LXcf6     6.75E-200       CDC2 DCs     Clec10a     1.22E-274     Innate Lymphoid Cells     LXcf6     6.75E-200       CDC2 DCs     Cfp     8.55E-188     Innate Lymphoid Cells     LKcf6     2.01E-121       CDC2 DCs     H2-0a     4.82E-186     Innate Lymphoid Cells     HKs     2.01E-121       CDC2 DCs     H2-0a     4.82E-186     Innate Lymphoid Cells     HKs     2.29E-35       CDC2 DCs     Napsa     1.67E-123     Innate Lymphoid Cells     HKs     2.29E-35       CDC2 DCs     Socs3     8.42E-69     Innate Lymphoid Cells     Iune 8.94E-29       NK cells     Szm     0.00E+00     CDC1 DCs     Kcr1     0.00E+00       NK cells     Nkg7     0.00E+00     CDC1 DCs     Kcr1     0.00E+00       NK cells     Klra4     2.76E-302	Resident macrophages	Ms4a7	7.14E-240	Unknown	Trbc1	3.35E-70
Resident macrophages     Mmp12     1.48E-135     Unknown     Ccl3     9.89E-04       CDC2 DCs     Cd2030     0.00E+00     Innate Lymphoid Cells     Cada3     2.94E-279       CDC2 DCs     Trip33     2.53E-210     Innate Lymphoid Cells     CxC6     6.75E-200       CDC2 DCs     Trip33     2.53E-210     Innate Lymphoid Cells     LyGa     2.01E-121       CDC2 DCs     H2-Ou     4.82E-186     Innate Lymphoid Cells     LyGa     2.01E-121       CDC2 DCs     H2-DMb2     1.42E-146     Innate Lymphoid Cells     Htb     6.52E-99       CDC2 DCs     S100a6     6.01E-125     Innate Lymphoid Cells     Htb     8.24E-79       CDC2 DCs     Napsa     1.67E-123     Innate Lymphoid Cells     Imode     2.29E-35       CDC2 DCs     Socs3     8.42E-69     Innate Lymphoid Cells     Junb     8.94E-29       NK cells     Nkg7     0.00E+00     CDC1 DCs     Kric100     0.00E+00       NK cells     Kira4     2.76E-302     CDC1 DCs     Kra1     7.99E-150       NK cells     Kira8	Resident macrophages	Cd74	3.25E-229	Unknown	Ccl4	1.03E-07
CDC2 DCs     Cd209a     0.00E+00     Innate Lymphoid Cells     Gata3     2.94E-279       CDC2 DCS     Clec10a     1.12E-274     Innate Lymphoid Cells     Cxcr6     6.75E-200       CDC2 DCS     Cfp     8.55E-188     Innate Lymphoid Cells     Lyf6a     2.01E-121       CDC2 DCS     H2-0a     4.82E-186     Innate Lymphoid Cells     Lyf6a     2.01E-121       CDC2 DCS     H2-0Mb2     1.42E-146     Innate Lymphoid Cells     Htb     6.25E-99       CDC2 DCS     S100a6     6.01E-125     Innate Lymphoid Cells     Htd     2.29E-35       CDC2 DCS     Napsa     1.67E-123     Innate Lymphoid Cells     Phida1     3.44E-89       CDC2 DCS     Socs3     8.42E-69     Inate Lymphoid Cells     Junb     8.94E-29       NK cells     Szma     0.00E+00     CDC1 DCs     Kr1     0.00E+00       NK cells     Gzmb     0.00E+00     CDC1 DCs     Cx1a     7.09E-150       NK cells     Kira8     0.00E+00     CDC1 DCs     Cx1a     7.09E-150       NK cells     Kira4     2.76E-	Resident macrophages	Mmp12	1.48E-135	Unknown	Ccl3	9.89E-04
CDC2 DCs     Clec10a     1.12E-274     Innate Lymphoid Cells     Cxcr6     6.75E-200       CDC2 DCs     Tnip3     2.53E-210     Innate Lymphoid Cells     Ltfl1     9.02E-150       CDC2 DCs     H2-Oa     4.82E-186     Innate Lymphoid Cells     Skap1     1.66E-113       CDC2 DCs     H2-Oa     4.82E-186     Innate Lymphoid Cells     Skap1     1.66E-113       CDC2 DCs     S100a6     6.01E-125     Innate Lymphoid Cells     Phila1     3.44E-87       CDC2 DCs     Napsa     1.67E-123     Innate Lymphoid Cells     Phila1     3.44E-87       CDC2 DCs     Socs3     8.42E-69     Innate Lymphoid Cells     Lmo4     2.39E-35       CDC2 DCs     Socs3     8.42E-69     Innate Lymphoid Cells     Lmo4     4.39E-329       NK cells     Gzma     0.00E+00     CDC1 DCs     Kcr1     0.00E+00       NK cells     Kirea1     0.00E+00     CDC1 DCs     Cx1a     7.09E-150       NK cells     Kira4     2.76E-302     CD1 DCs     Nata     4.87E-96       NK cells     Kira9 <td< td=""><td>cDC2 DCs</td><td>Cd209a</td><td>0.00E+00</td><td>Innate Lymphoid Cells</td><td>Gata3</td><td>2.94E-279</td></td<>	cDC2 DCs	Cd209a	0.00E+00	Innate Lymphoid Cells	Gata3	2.94E-279
CDC2 DCs     Tnip3     2.53E-210     Innate Lymphoid Cells     Lyfa     9.02E-150       CDC2 DCs     Cfp     8.55E-188     Innate Lymphoid Cells     Ly6a     2.01E-121       CDC2 DCs     H2-OA     4.82E-186     Innate Lymphoid Cells     Ksap1     1.66E-113       CDC2 DCs     S100a6     6.01E-125     Innate Lymphoid Cells     H43st1     3.74E-89       CDC2 DCs     S100a6     6.01E-125     Innate Lymphoid Cells     H43st1     3.74E-89       CDC2 DCs     Socs3     8.42E-69     Innate Lymphoid Cells     Junb     8.94E-29       NK cells     Gzma     0.00E+00     CDC1 DCs     Kr1     0.00E+00       NK cells     Gzmb     0.00E+00     CDC1 DCs     Cx1a     7.09E-150       NK cells     KIra4     2.76E-302     CDC1 DCs     Tnni2     3.39E-122       NK cells     KIra9     1.27E-297     CDC1 DCs     Naaa     4.87E-96       NK cells     AW112010     2.24E-199     CDC1 DCs     Cst3     1.01E-51       NK cells     AW112010     2.24E-199 <td< td=""><td>cDC2 DCs</td><td>Clec10a</td><td>1.12E-274</td><td>Innate Lymphoid Cells</td><td>Cxcr6</td><td>6.75E-200</td></td<>	cDC2 DCs	Clec10a	1.12E-274	Innate Lymphoid Cells	Cxcr6	6.75E-200
CDC2 DCs     Cfp     8.55E-188     Innate Lymphoid Cells     Ly6a     2.01E-121       CDC2 DCs     H2-DA     4.82E-186     Innate Lymphoid Cells     Skap1     1.66E-113       CDC2 DCs     S100a6     6.01E-125     Innate Lymphoid Cells     Phlda1     3.74E-89       CDC2 DCs     Napsa     1.67E-123     Innate Lymphoid Cells     Phlda1     3.44E-87       CDC2 DCs     Tnfsf9     2.13E-112     Innate Lymphoid Cells     Lmo4     2.29E-35       CDC2 DCs     Socs3     8.42E-69     Innate Lymphoid Cells     Lmo4     2.29E-35       CDC2 DCs     Socs3     8.42E-69     Innate Lymphoid Cells     LMo4     2.29E-35       CDC2 DCs     Socs3     8.42E-69     Innate Lymphoid Cells     LMo4     2.29E-35       CDC2 DCs     Socs3     8.42E-69     Innate Lymphoid Cells     LMo4     2.39E-120       NK cells     Kira9     0.00E+00     CDC1 DCs     CA24a     6.31E-214       NK cells     Kira9     1.27E-297     CDC1 DCs     Tnni2     3.39E-122       NK cells     Kira9	cDC2 DCs	Tnip3	2.53E-210	Innate Lymphoid Cells	Lztfl1	9.02E-150
CDC2 DCs     H2-Oa     4.82E-186     Innate Lymphoid Cells     Skap1     1.66E-113       CDC2 DCs     K100a6     6.01E-125     Innate Lymphoid Cells     Hts 3st1     3.74E-89       CDC2 DCs     Napsa     1.67E-123     Innate Lymphoid Cells     Hts 3st1     3.74E-89       CDC2 DCs     Tafsf9     2.13E-112     Innate Lymphoid Cells     Lmo4     2.29E-35       CDC2 DCs     Socs3     8.42E-69     Innate Lymphoid Cells     Lmo4     2.29E-35       CDC2 DCs     Socs3     8.42E-69     Innate Lymphoid Cells     Junb     8.94E-29       NK cells     MKg7     0.00E+00     CDC1 DCs     K1205     4.49E-219       NK cells     Klre1     0.00E+00     CDC1 DCs     CXx1b     5.95E-160       NK cells     Klra8     0.00E+00     CDC1 DCs     CXx1a     7.09E-150       NK cells     Klra8     0.00E+00     CDC1 DCs     Naaa     4.87E-96       NK cells     Klra8     0.27E-297     CDC1 DCs     Naaa     4.87E-96       NK cells     Avi112010     2.24E-199	cDC2 DCs	Cfp	8.55E-188	Innate Lymphoid Cells	Ly6a	2.01E-121
CDC2 DCs     H2-DMb2     1.42E-146     Innate Lymphoid Cells     Ltb     6.25E-99       CDC2 DCs     S100a6     6.01E-125     Innate Lymphoid Cells     Hs3st1     3.74E-89       CDC2 DCs     Napsa     1.67E-123     Innate Lymphoid Cells     PhIda1     3.44E-87       CDC2 DCs     Socs3     8.42E-69     Innate Lymphoid Cells     Lunob     8.94E-29       NK cells     Gzma     0.00E+00     CDC1 DCs     Xcr1     0.00E+00       NK cells     Gzmb     0.00E+00     CDC1 DCs     Cd24a     6.31E-214       NK cells     KIre1     0.00E+00     CDC1 DCs     Cxr1a     7.09E-150       NK cells     KIra8     0.00E+00     CDC1 DCs     Tnni2     3.39E-122       NK cells     KIra9     1.27E-297     CDC1 DCs     Naaa     4.87E-96       NK cells     AV112010     2.4E-199     CDC1 DCs     Rat3     1.00E+00       NK cells     AV112010     2.4E-199     CDC1 DCs     Rat3     0.00E+00       Ly6ch imacrophages     Chi13     4.23E-160     B cells	cDC2 DCs	H2-Oa	4.82E-186	Innate Lymphoid Cells	Skap1	1.66E-113
cDC2 DCs     \$100a6     6.01E-125     Innate Lymphoid Cells     Hs3st1     3.74E-89       cDC2 DCs     Napsa     1.67E-123     Innate Lymphoid Cells     PhIda1     3.44E-87       cDC2 DCs     Socs3     8.42E-69     Innate Lymphoid Cells     Lmo4     2.29E-35       cDC2 DCs     Socs3     8.42E-69     Innate Lymphoid Cells     Juno     8.94E-29       NK cells     Gzma     0.00E+00     cDC1 DCs     Krc1     0.00E+00       NK cells     Gzmb     0.00E+00     cDC1 DCs     Cd24a     6.31E-214       NK cells     KIre1     0.00E+00     cDC1 DCs     Cxx1b     5.95E-160       NK cells     KIra4     2.76E-302     cDC1 DCs     Tnni2     3.39E-122       NK cells     KIra4     2.76E-302     cDC1 DCs     Naaa     4.87E-96       NK cells     KIra9     1.27E-297     cD1 DCs     Cst3     1.01E-51       NK cells     AW112010     2.24E-199     cDC1 DCs     Cst3     1.01E-51       NK cells     Lgals1     1.74E-190     CD1 DCs     Cst3	cDC2 DCs	H2-DMb2	1.42E-146	Innate Lymphoid Cells	Ltb	6.25E-99
CDC2 DCs     Napsa     1.67E-123     Innate Lymphoid Cells     PhIda1     3.44E-87       CDC2 DCs     Tnfsf9     2.13E-112     Innate Lymphoid Cells     Lmo4     2.29E-35       CDC2 DCs     Socs3     8.42E-69     Innate Lymphoid Cells     Junb     8.94E-29       NK cells     Gzma     0.00E+00     cDC1 DCs     Kcr1     0.00E+00       NK cells     Szmb     0.00E+00     cDC1 DCs     CXx1a     7.09E-150       NK cells     KIre1     0.00E+00     cDC1 DCs     Cxx1a     7.09E-150       NK cells     KIra4     2.76E-302     cDC1 DCs     Tnni2     3.39E-122       NK cells     KIra9     1.27E-297     CD1 DCs     Naaa     4.87E-96       NK cells     KIra9     1.27E-297     CD1 DCs     Cst3     1.01E-51       NK cells     AW112010     2.24E-199     CDC1 DCs     Kra8     9.00E+00       Ly6chi macrophages     Chil3     4.23E-160     B cells     Ly6d     0.00E+00       Ly6chi macrophages     Ms4a4c     5.04E-127     B cells	cDC2 DCs	S100a6	6.01E-125	Innate Lymphoid Cells	Hs3st1	3.74E-89
CDC2 DCs     Tnfsf9     2.13E-112     Innate Lymphoid Cells     Lmo4     2.29E-35       CDC2 DCs     Socs3     8.42E-69     Innate Lymphoid Cells     Junb     8.94E-29       NK cells     Gzma     0.00E+00     cDC1 DCs     Xcr1     0.00E+00       NK cells     Gzmb     0.00E+00     cDC1 DCs     Cd24a     6.31E-214       NK cells     Kire1     0.00E+00     cDC1 DCs     Cxx1b     5.95E-160       NK cells     Kire3     0.00E+00     cDC1 DCs     Cxx1b     5.95E-160       NK cells     Kira8     0.00E+00     cDC1 DCs     Cxx1b     5.95E-160       NK cells     Kira9     1.27E-297     cDC1 DCs     Tnni2     3.39E-122       NK cells     Kira9     1.27E-297     cDC1 DCs     Naaa     4.87E-96       NK cells     AW112010     2.4E-199     cDC1 DCs     Cf13     1.01E-51       NK cells     Lgals1     1.74E-190     CDC1 DCs     Iff8     9.37E-51       Ly6chi macrophages     Ms4a4c     5.04E-127     B cells     Ly6d <t< td=""><td>cDC2 DCs</td><td>Napsa</td><td>1.67E-123</td><td>Innate Lymphoid Cells</td><td>Phlda1</td><td>3.44E-87</td></t<>	cDC2 DCs	Napsa	1.67E-123	Innate Lymphoid Cells	Phlda1	3.44E-87
CDC2 DCs     Socs3     8.42E-69     Innate Lymphoid Cells     Junb     8.94E-29       NK cells     Gzma     0.00E+00     cDC1 DCs     Xcr1     0.00E+00       NK cells     Nkg7     0.00E+00     cDC1 DCs     Ifi205     4.49E-219       NK cells     Gzmb     0.00E+00     cDC1 DCs     Cd24a     6.31E-214       NK cells     Kire1     0.00E+00     cDC1 DCs     Cxx1b     5.95E-160       NK cells     Kira8     0.00E+00     cDC1 DCs     Cxx1a     7.09E-150       NK cells     Kira4     2.76E-302     cDC1 DCs     Naaa     4.87E-96       NK cells     Klra9     1.27E-297     cDC1 DCs     Naaa     4.87E-96       NK cells     AW112010     2.24E-199     cDC1 DCs     Cst3     1.01E-51       NK cells     Lgals1     1.74E-190     cDC1 DCs     Irf8     9.37E-51       Ly6chi macrophages     Plac8     2.50E-138     B cells     Ly6d     0.00E+00       Ly6chi macrophages     Ly6c2     3.23E-118     B cells     Iglc1     3.04	cDC2 DCs	Tnfsf9	2.13E-112	Innate Lymphoid Cells	Lmo4	2.29E-35
NK cells     Gzma     0.00E+00     CDC1 DCs     Xcr1     0.00E+00       NK cells     Nkg7     0.00E+00     cDC1 DCs     Ifi205     4.49E-219       NK cells     Gzmb     0.00E+00     cDC1 DCs     Cd24a     6.31E-214       NK cells     KIre1     0.00E+00     cDC1 DCs     Cxx1b     5.95E-160       NK cells     KIra8     0.00E+00     cDC1 DCs     Cxx1a     7.09E-150       NK cells     KIra4     2.76E-302     cDC1 DCs     Tnni2     3.39E-122       NK cells     KIra9     1.27E-297     cDC1 DCs     Naaa     4.87E-96       NK cells     AW12010     2.24E-199     cDC1 DCs     Cst3     1.01E-51       NK cells     Lgals1     1.74E-190     cDC1 DCs     Irf8     9.37E-51       Ly6chi macrophages     Chil3     4.23E-160     B cells     Ly6d     0.00E+00       Ly6chi macrophages     Ly21     2.13E-118     B cells     Iglc3     0.00E+00       Ly6chi macrophages     Ly22     3.23E-111     B cells     Iglc1     7.77E-1	cDC2 DCs	Socs3	8.42E-69	Innate Lymphoid Cells	Junb	8.94E-29
NK cells     Nkg7     0.00E+00     cDC1 DCs     Ifi205     4.49E-219       NK cells     Gzmb     0.00E+00     cDC1 DCs     Cd24a     6.31E-214       NK cells     KIre1     0.00E+00     cDC1 DCs     Cxx1b     5.95E-160       NK cells     KIra8     0.00E+00     cDC1 DCs     Cxx1a     7.09E-150       NK cells     KIra4     2.76E-302     cDC1 DCs     Naaa     4.87E-96       NK cells     KIra9     1.27E-297     cDC1 DCs     Naaa     4.87E-96       NK cells     Cl5     6.02E-284     cDC1 DCs     Ppt1     9.94E-58       NK cells     AW112010     2.24E-199     cDC1 DCs     Cst3     1.01E-51       NK cells     Lgals1     1.74E-190     CD1 DCs     Irf8     9.37E-51       Ly6chi macrophages     Plac8     2.50E-138     B cells     Ly6d     0.00E+00       Ly6chi macrophages     Ly21     2.13E-118     B cells     Iglc3     0.00E+00       Ly6chi macrophages     Ly22     4.27E-77     B cells     Iglc1     7.77E-150<	NK cells	Gzma	0.00E+00	cDC1 DCs	Xcr1	0.00E+00
NK cells     Gzmb     0.00E+00     cDC1 DCs     Cd24a     6.31E-214       NK cells     KIre1     0.00E+00     cDC1 DCs     Cxx1b     5.95E-160       NK cells     KIra8     0.00E+00     cDC1 DCs     Cxx1a     7.09E-150       NK cells     KIra4     2.76E-302     cDC1 DCs     Tnni2     3.39E-122       NK cells     KIra9     1.27E-297     cDC1 DCs     Naaa     4.87E-96       NK cells     Ccl5     6.02E-284     cDC1 DCs     Cst3     1.01E-51       NK cells     AW112010     2.24E-199     cDC1 DCs     Cst3     1.01E-51       NK cells     Lgals1     1.74E-190     cDC1 DCs     Cst3     1.01E-51       Ly6chi macrophages     Plac8     2.50E-138     B cells     Ly6d     0.00E+00       Ly6chi macrophages     Ly21     2.13E-118     B cells     Iglc3     0.00E+00       Ly6chi macrophages     Ly22     3.23E-111     B cells     Iglc1     7.77E-150       Ly6chi macrophages     Iftm3     1.09E-77     B cells     Iglc1	NK cells	Nkg7	0.00E+00	cDC1 DCs	Ifi205	4.49E-219
NK cells     Kire1     0.00E+00     CDC1 DCs     Cxx1b     5.95E-160       NK cells     Kira8     0.00E+00     cDC1 DCs     Cxx1a     7.09E-150       NK cells     Kira4     2.76E-302     cDC1 DCs     Tnni2     3.39E-122       NK cells     Kira9     1.27E-297     cDC1 DCs     Naaa     4.87E-96       NK cells     Ccl5     6.02E-284     cDC1 DCs     Ppt1     9.94E-58       NK cells     AW112010     2.24E-199     cDC1 DCs     Cst3     1.01E-51       NK cells     Lgals1     1.74E-190     cDC1 DCs     Irf8     9.37E-51       Ly6chi macrophages     Chil3     4.23E-160     B cells     Ly6d     0.00E+00       Ly6chi macrophages     Plac8     2.50E-138     B cells     Iglc3     0.00E+00       Ly6chi macrophages     Ly21     2.13E-118     B cells     Iglc3     0.00E+00       Ly6chi macrophages     Ly6c2     3.23E-111     B cells     Iglc1     7.77E-150       Ly6chi macrophages     Ifitm3     1.09E-77     B cells     Iglc1 </td <td>NK cells</td> <td>Gzmb</td> <td>0.00E+00</td> <td>cDC1 DCs</td> <td>Cd24a</td> <td>6.31E-214</td>	NK cells	Gzmb	0.00E+00	cDC1 DCs	Cd24a	6.31E-214
NK cells     Klra8     0.00E+00     cDC1 DCs     Cxx1a     7.09E-150       NK cells     Klra4     2.76E-302     cDC1 DCs     Tnni2     3.39E-122       NK cells     Klra9     1.27E-297     cDC1 DCs     Naaa     4.87E-96       NK cells     Ccl5     6.02E-284     cDC1 DCs     Ppt1     9.94E-58       NK cells     AW112010     2.24E-199     cDC1 DCs     Cst3     1.01E-51       NK cells     Lgals1     1.74E-190     cDC1 DCs     Irf8     9.37E-51       Ly6chi macrophages     Chil3     4.23E-160     B cells     Ly6d     0.00E+00       Ly6chi macrophages     Plac8     2.50E-138     B cells     Iglc3     0.00E+00       Ly6chi macrophages     Ly21     2.13E-118     B cells     Iglc3     0.00E+00       Ly6chi macrophages     Ly62     3.23E-111     B cells     Iglc1     7.77E-150       Ly6chi macrophages     Ifftm3     1.09E-77     B cells     Iglc1     7.77E-150       Ly6chi macrophages     Iff7     1.35E-67     B cells	NK cells	Klre1	0.00E+00	cDC1 DCs	Cxx1b	5.95E-160
NK cells     KIra4     2.76E-302     cDC1 DCs     Tnni2     3.39E-122       NK cells     KIra9     1.27E-297     cDC1 DCs     Naaa     4.87E-96       NK cells     Ccl5     6.02E-284     cDC1 DCs     Ppt1     9.94E-58       NK cells     AW112010     2.24E-199     cDC1 DCs     Cst3     1.01E-51       NK cells     Lgals1     1.74E-190     cDC1 DCs     Irf8     9.37E-51       Ly6chi macrophages     Chil3     4.23E-160     B cells     Ly6d     0.00E+00       Ly6chi macrophages     Plac8     2.50E-138     B cells     Ly6d     0.00E+00       Ly6chi macrophages     Ms4a4c     5.04E-127     B cells     Iglc3     0.00E+00       Ly6chi macrophages     Ly21     2.13E-118     B cells     Iglc3     0.00E+00       Ly6chi macrophages     Ly6c2     3.23E-111     B cells     Iglc1     7.77E-150       Ly6chi macrophages     Ifitm3     1.09E-77     B cells     Iglc1     7.77E-150       Ly6chi macrophages     Iff7     1.35E-67     B cells	NK cells	Klra8	0.00E+00	cDC1 DCs	Cxx1a	7.09E-150
NK cells     KIra9     1.27E-297     cDC1 DCs     Naaa     4.87E-96       NK cells     Ccl5     6.02E-284     cDC1 DCs     Ppt1     9.94E-58       NK cells     AW112010     2.24E-199     cDC1 DCs     Cst3     1.01E-51       NK cells     Lgals1     1.74E-190     cDC1 DCs     Irf8     9.37E-51       Ly6chi macrophages     Chil3     4.23E-160     B cells     Ly6d     0.00E+00       Ly6chi macrophages     Plac8     2.50E-138     B cells     Cd79a     0.00E+00       Ly6chi macrophages     Ms4a4c     5.04E-127     B cells     Iglc3     0.00E+00       Ly6chi macrophages     Ly21     2.13E-118     B cells     Ms4a1     0.00E+00       Ly6chi macrophages     Ly6c2     3.23E-111     B cells     Iglc3     0.04E+03       Ly6chi macrophages     Iffm3     1.09E-77     B cells     Iglc1     7.77E-150       Ly6chi macrophages     Iff7     1.35E-67     B cells     Iglm     2.80E-39       Ly6chi macrophages     Ear2     4.26E-255     Neutrophil	NK cells	Klra4	2.76E-302	cDC1 DCs	Tnni2	3.39E-122
NK cells     Ccl5     6.02E-284     cDC1 DCs     Ppt1     9.94E-58       NK cells     AW112010     2.24E-199     cDC1 DCs     Cst3     1.01E-51       NK cells     Lgals1     1.74E-190     cDC1 DCs     Irf8     9.37E-51       Ly6chi macrophages     Chil3     4.23E-160     B cells     Ly6d     0.00E+00       Ly6chi macrophages     Plac8     2.50E-138     B cells     Iglc3     0.00E+00       Ly6chi macrophages     Ly21     2.13E-118     B cells     Ms4a1     0.00E+00       Ly6chi macrophages     Ly6c2     3.23E-111     B cells     Iglc3     0.00E+00       Ly6chi macrophages     Ly6c2     3.23E-111     B cells     Iglc2     3.04E-153       Ly6chi macrophages     Iy6c2     3.23E-111     B cells     Iglc1     7.77E-150       Ly6chi macrophages     Ifitm3     1.09E-77     B cells     Iglm     2.80E-39       Ly6chi macrophages     Irf7     1.35E-67     B cells     Iglm     2.80E-39       Ly6chi macrophages     Bop2     1.89E-60     B	NK cells	Klra9	1.27E-297	cDC1 DCs	Naaa	4.87E-96
NK cells     AW112010     2.24E-199     cDC1 DCs     Cst3     1.01E-51       NK cells     Lgals1     1.74E-190     cDC1 DCs     Irf8     9.37E-51       Ly6chi macrophages     Chil3     4.23E-160     B cells     Ly6d     0.00E+00       Ly6chi macrophages     Plac8     2.50E-138     B cells     Cd79a     0.00E+00       Ly6chi macrophages     Ms4a4c     5.04E-127     B cells     Iglc3     0.00E+00       Ly6chi macrophages     Ly21     2.13E-118     B cells     Ms4a1     0.00E+00       Ly6chi macrophages     Ly22     3.23E-111     B cells     Iglc2     3.04E-153       Ly6chi macrophages     Iy6c2     3.23E-111     B cells     Iglc1     7.77E-150       Ly6chi macrophages     Ifitm3     1.09E-77     B cells     Iglc1     7.77E-150       Ly6chi macrophages     Ly22     4.71E-77     B cells     Ighm     2.80E-39       Ly6chi macrophages     Gbp2     1.89E-60     B cells     Igkc     3.51E-39       Ly6cho macrophages     Ear2     4.26E-255	NK cells	Ccl5	6.02E-284	cDC1 DCs	Ppt1	9.94E-58
NK cells     Lgals1     1.74E-190     cDC1 DCs     Irf8     9.37E-51       Ly6chi macrophages     Chil3     4.23E-160     B cells     Ly6d     0.00E+00       Ly6chi macrophages     Plac8     2.50E-138     B cells     Cd79a     0.00E+00       Ly6chi macrophages     Ms4a4c     5.04E-127     B cells     Iglc3     0.00E+00       Ly6chi macrophages     Lyz1     2.13E-118     B cells     Ms4a1     0.00E+00       Ly6chi macrophages     Ly62     3.23E-111     B cells     Ebf1     0.00E+00       Ly6chi macrophages     Ms4a6c     2.64E-89     B cells     Iglc2     3.04E-153       Ly6chi macrophages     Ifitm3     1.09E-77     B cells     Iglc1     7.77E-150       Ly6chi macrophages     Lyz2     4.71E-77     B cells     Ighm     2.80E-39       Ly6chi macrophages     Irf7     1.35E-67     B cells     Igkc     3.51E-39       Ly6chi macrophages     Ear2     4.26E-255     Neutrophils     Slpi     6.02E-283       Ly6clo macrophages     Fabp4     9.84E-24	NK cells	AW112010	2.24E-199	cDC1 DCs	Cst3	1.01E-51
Ly6chi macrophages     Chil3     4.23E-160     B cells     Ly6d     0.00E+00       Ly6chi macrophages     Plac8     2.50E-138     B cells     Cd79a     0.00E+00       Ly6chi macrophages     Ms4a4c     5.04E-127     B cells     Iglc3     0.00E+00       Ly6chi macrophages     Lyz1     2.13E-118     B cells     Ms4a1     0.00E+00       Ly6chi macrophages     Ly6c2     3.23E-111     B cells     Ebf1     0.00E+00       Ly6chi macrophages     Ms4a6c     2.64E-89     B cells     Iglc2     3.04E-153       Ly6chi macrophages     Ifitm3     1.09E-77     B cells     Iglc1     7.77E-150       Ly6chi macrophages     Lyz2     4.71E-77     B cells     Ighm     2.80E-39       Ly6chi macrophages     Irf7     1.35E-67     B cells     Ighm     2.80E-39       Ly6clo macrophages     Ear2     4.26E-255     Neutrophils     Retnlg     0.00E+00       Ly6clo macrophages     Fabp4     9.84E-246     Neutrophils     S100a9     3.84E-209       Ly6clo macrophages     Treml4	NK cells	Lgals1	1.74E-190	cDC1 DCs	Irf8	9.37E-51
Ly6chi macrophages     Plac8     2.50E-138     B cells     Cd79a     0.00E+00       Ly6chi macrophages     Ms4a4c     5.04E-127     B cells     Iglc3     0.00E+00       Ly6chi macrophages     Lyz1     2.13E-118     B cells     Ms4a1     0.00E+00       Ly6chi macrophages     Lyc2     3.23E-111     B cells     Ebf1     0.00E+00       Ly6chi macrophages     Ly6c2     3.23E-111     B cells     Iglc2     3.04E-153       Ly6chi macrophages     Ly6c2     3.23E-117     B cells     Iglc1     7.77E-150       Ly6chi macrophages     Ifitm3     1.09E-77     B cells     Iglc1     7.77E-150       Ly6chi macrophages     Ly22     4.71E-77     B cells     Ighm     2.80E-39       Ly6chi macrophages     Irf7     1.35E-67     B cells     Igkc     3.51E-39       Ly6clo macrophages     Ear2     4.26E-255     Neutrophils     Retnlg     0.00E+00       Ly6clo macrophages     Fabp4     9.84E-246     Neutrophils     S100a9     3.84E-209       Ly6clo macrophages     Treml4	Ly6chi macrophages	Chil3	4.23E-160	B cells	Ly6d	0.00E+00
Ly6chi macrophages     Ms4a4c     5.04E-127     B cells     Iglc3     0.00E+00       Ly6chi macrophages     Ly21     2.13E-118     B cells     Ms4a1     0.00E+00       Ly6chi macrophages     Ly6c2     3.23E-111     B cells     Ebf1     0.00E+00       Ly6chi macrophages     Ms4a6c     2.64E-89     B cells     Iglc2     3.04E-153       Ly6chi macrophages     Ifitm3     1.09E-77     B cells     Iglc1     7.77E-150       Ly6chi macrophages     Lyz2     4.71E-77     B cells     Iglc1     7.77E-150       Ly6chi macrophages     Lyz2     4.71E-77     B cells     Iglc3     3.04E-153       Ly6chi macrophages     Lyz2     4.71E-77     B cells     Iglc1     7.77E-150       Ly6chi macrophages     Irf7     1.35E-67     B cells     Iglc3     3.04E-39       Ly6clo macrophages     Ear2     4.26E-255     Neutrophils     Retnlg     0.00E+00       Ly6clo macrophages     Fabp4     9.84E-246     Neutrophils     S100a9     3.84E-209       Ly6clo macrophages     Treml4	Ly6chi macrophages	Plac8	2.50E-138	B cells	Cd79a	0.00E+00
Ly6chi macrophages     Lyz1     2.13E-118     B cells     Ms4a1     0.00E+00       Ly6chi macrophages     Ly6c2     3.23E-111     B cells     Ebf1     0.00E+00       Ly6chi macrophages     Ms4a6c     2.64E-89     B cells     Iglc2     3.04E-153       Ly6chi macrophages     Ifitm3     1.09E-77     B cells     Iglc1     7.77E-150       Ly6chi macrophages     Lyz2     4.71E-77     B cells     Cd79b     5.07E-90       Ly6chi macrophages     Irf7     1.35E-67     B cells     Ighm     2.80E-39       Ly6chi macrophages     Gbp2     1.89E-60     B cells     Igkc     3.51E-39       Ly6clo macrophages     Ear2     4.26E-255     Neutrophils     Retnlg     0.00E+00       Ly6clo macrophages     Fabp4     9.84E-246     Neutrophils     S100a9     3.84E-209       Ly6clo macrophages     Eno3     8.06E-228     Neutrophils     S100a8     1.07E-206       Ly6clo macrophages     Pglyrp1     8.26E-167     Neutrophils     Hp     1.90E-144       Ly6clo macrophages     Pglyrp1	Ly6chi macrophages	Ms4a4c	5.04E-127	B cells	lglc3	0.00E+00
Ly6chi macrophages     Ly6c2     3.23E-111     B cells     Ebf1     0.00E+00       Ly6chi macrophages     Ms4a6c     2.64E-89     B cells     Iglc2     3.04E-153       Ly6chi macrophages     Ifitm3     1.09E-77     B cells     Iglc1     7.77E-150       Ly6chi macrophages     Lyz2     4.71E-77     B cells     Cd79b     5.07E-90       Ly6chi macrophages     Irf7     1.35E-67     B cells     Ighm     2.80E-39       Ly6chi macrophages     Gbp2     1.89E-60     B cells     Igkc     3.51E-39       Ly6clo macrophages     Ear2     4.26E-255     Neutrophils     Retnlg     0.00E+00       Ly6clo macrophages     Eno3     8.06E-228     Neutrophils     S100a9     3.84E-209       Ly6clo macrophages     Treml4     1.63E-216     Neutrophils     S100a8     1.07E-206       Ly6clo macrophages     Pglyrp1     8.26E-167     Neutrophils     Hp     1.90E-144       Ly6clo macrophages     Msrb1     6.57E-127     Neutrophils     G0s2     7.00E-124       Ly6clo macrophages     N	Ly6chi macrophages	Lyz1	2.13E-118	B cells	Ms4a1	0.00E+00
Ly6chi macrophages     Ms4a6c     2.64E-89     B cells     Iglc2     3.04E-153       Ly6chi macrophages     Ifitm3     1.09E-77     B cells     Iglc1     7.77E-150       Ly6chi macrophages     Lyz2     4.71E-77     B cells     Iglc1     7.77E-150       Ly6chi macrophages     Lyz2     4.71E-77     B cells     Ighm     2.80E-39       Ly6chi macrophages     Gbp2     1.89E-60     B cells     Igkc     3.51E-39       Ly6clo macrophages     Ear2     4.26E-255     Neutrophils     Retnlg     0.00E+00       Ly6clo macrophages     Fabp4     9.84E-246     Neutrophils     Slpi     6.02E-283       Ly6clo macrophages     Eno3     8.06E-228     Neutrophils     S100a9     3.84E-209       Ly6clo macrophages     Treml4     1.63E-216     Neutrophils     S100a8     1.07E-206       Ly6clo macrophages     Pglyrp1     8.26E-167     Neutrophils     Hp     1.90E-144       Ly6clo macrophages     Msrb1     6.57E-127     Neutrophils     Gos2     7.00E-124       Ly6clo macrophages	Ly6chi macrophages	Ly6c2	3.23E-111	B cells	Ebf1	0.00E+00
Ly6chi macrophageslfitm31.09E-77B cellslglc17.77E-150Ly6chi macrophagesLyz24.71E-77B cellsCd79b5.07E-90Ly6chi macrophageslrf71.35E-67B cellslghm2.80E-39Ly6chi macrophagesGbp21.89E-60B cellslgkc3.51E-39Ly6clo macrophagesEar24.26E-255NeutrophilsRetnlg0.00E+00Ly6clo macrophagesFabp49.84E-246NeutrophilsSlpi6.02E-283Ly6clo macrophagesEno38.06E-228NeutrophilsS100a93.84E-209Ly6clo macrophagesTreml41.63E-216NeutrophilsS100a81.07E-206Ly6clo macrophagesPglyrp18.26E-167NeutrophilsG0s27.00E-124Ly6clo macrophagesMsrb16.57E-127NeutrophilsG0s27.00E-124Ly6clo macrophagesNr4a16.65E-126NeutrophilsMsrb11.36E-57Ly6clo macrophagesNr4a15.65E-127NeutrophilsMsrb11.36E-57Ly6clo macrophagesSmpd13a1.50E-115NeutrophilsI1b3.03E-47	Ly6chi macrophages	Ms4a6c	2.64E-89	B cells	lglc2	3.04E-153
Ly6chi macrophagesLy24.71E-77B cellsCd79b5.07E-90Ly6chi macrophagesIrf71.35E-67B cellsIghm2.80E-39Ly6chi macrophagesGbp21.89E-60B cellsIgkc3.51E-39Ly6clo macrophagesEar24.26E-255NeutrophilsRetnlg0.00E+00Ly6clo macrophagesFabp49.84E-246NeutrophilsSlpi6.02E-283Ly6clo macrophagesEno38.06E-228NeutrophilsS100a93.84E-209Ly6clo macrophagesTreml41.63E-216NeutrophilsS100a81.07E-206Ly6clo macrophagesPglyrp18.26E-167NeutrophilsHp1.90E-144Ly6clo macrophagesCebpb7.06E-130NeutrophilsG0s27.00E-124Ly6clo macrophagesMsrb16.57E-127NeutrophilsCxcl24.22E-116Ly6clo macrophagesNr4a16.65E-126NeutrophilsMsrb11.36E-57Ly6clo macrophagesGngt21.72E-117NeutrophilsIl1b3.03E-47Ly6clo macrophagesSmpdl3a1.50E-115NeutrophilsS100a112.10E-38	Ly6chi macrophages	lfitm3	1.09E-77	B cells	lglc1	7.77E-150
Ly6chi macrophagesIrf71.35E-67B cellsIghm2.80E-39Ly6chi macrophagesGbp21.89E-60B cellsIgkc3.51E-39Ly6clo macrophagesEar24.26E-255NeutrophilsRetnlg0.00E+00Ly6clo macrophagesFabp49.84E-246NeutrophilsSlpi6.02E-283Ly6clo macrophagesEno38.06E-228NeutrophilsS100a93.84E-209Ly6clo macrophagesTreml41.63E-216NeutrophilsS100a81.07E-206Ly6clo macrophagesPglyrp18.26E-167NeutrophilsHp1.90E-144Ly6clo macrophagesCebpb7.06E-130NeutrophilsG0s27.00E-124Ly6clo macrophagesMsrb16.57E-127NeutrophilsCxcl24.22E-116Ly6clo macrophagesNr4a16.65E-126NeutrophilsMsrb11.36E-57Ly6clo macrophagesSmpd13a1.50E-115NeutrophilsI1b3.03E-47Ly6clo macrophagesSmpd13a1.50E-115NeutrophilsS100a112.10E-38	Ly6chi macrophages	Lyz2	4.71E-77	B cells	Cd79b	5.07E-90
Ly6chi macrophages     Gbp2     1.89E-60     B cells     Igkc     3.51E-39       Ly6chi macrophages     Ear2     4.26E-255     Neutrophils     Retnlg     0.00E+00       Ly6clo macrophages     Fabp4     9.84E-246     Neutrophils     Slpi     6.02E-283       Ly6clo macrophages     Eno3     8.06E-228     Neutrophils     S100a9     3.84E-209       Ly6clo macrophages     Treml4     1.63E-216     Neutrophils     S100a8     1.07E-206       Ly6clo macrophages     Pglyrp1     8.26E-167     Neutrophils     Hp     1.90E-144       Ly6clo macrophages     Cebpb     7.06E-130     Neutrophils     G0s2     7.00E-124       Ly6clo macrophages     Msrb1     6.57E-127     Neutrophils     Cxcl2     4.22E-116       Ly6clo macrophages     Nr4a1     6.65E-126     Neutrophils     Msrb1     1.36E-57       Ly6clo macrophages     Gngt2     1.72E-117     Neutrophils     Msrb1     1.36E-57       Ly6clo macrophages     Smpd13a     1.50E-115     Neutrophils     S100a11     2.10E-38	Ly6chi macrophages	lrf7	1.35E-67	B cells	Ighm	2.80E-39
Ly6clo macrophagesEar24.26E-255NeutrophilsRetnlg0.00E+00Ly6clo macrophagesFabp49.84E-246NeutrophilsSlpi6.02E-283Ly6clo macrophagesEno38.06E-228NeutrophilsS100a93.84E-209Ly6clo macrophagesTreml41.63E-216NeutrophilsS100a81.07E-206Ly6clo macrophagesPglyrp18.26E-167NeutrophilsHp1.90E-144Ly6clo macrophagesCebpb7.06E-130NeutrophilsG0s27.00E-124Ly6clo macrophagesMsrb16.57E-127NeutrophilsCxcl24.22E-116Ly6clo macrophagesNr4a16.65E-126NeutrophilsMsrb11.36E-57Ly6clo macrophagesGngt21.72E-117NeutrophilsI1b3.03E-47Ly6clo macrophagesSmpdl3a1.50E-115NeutrophilsS100a112.10E-38	Ly6chi macrophages	Gbp2	1.89E-60	B cells	Igkc	3.51E-39
Ly6clo macrophages     Fabp4     9.84E-246     Neutrophils     Slpi     6.02E-283       Ly6clo macrophages     Eno3     8.06E-228     Neutrophils     S100a9     3.84E-209       Ly6clo macrophages     Treml4     1.63E-216     Neutrophils     S100a8     1.07E-206       Ly6clo macrophages     Pglyrp1     8.26E-167     Neutrophils     Hp     1.90E-144       Ly6clo macrophages     Cebpb     7.06E-130     Neutrophils     G0s2     7.00E-124       Ly6clo macrophages     Msrb1     6.57E-127     Neutrophils     Cxcl2     4.22E-116       Ly6clo macrophages     Nr4a1     6.65E-126     Neutrophils     Msrb1     1.36E-57       Ly6clo macrophages     Gngt2     1.72E-117     Neutrophils     Msrb1     1.36E-57       Ly6clo macrophages     Smpd13a     1.50E-115     Neutrophils     I11b     3.03E-47	Ly6clo macrophages	Ear2	4.26E-255	Neutrophils	Retnlg	0.00E+00
Ly6clo macrophages     Eno3     8.06E-228     Neutrophils     S100a9     3.84E-209       Ly6clo macrophages     Treml4     1.63E-216     Neutrophils     S100a8     1.07E-206       Ly6clo macrophages     Pglyrp1     8.26E-167     Neutrophils     Hp     1.90E-144       Ly6clo macrophages     Cebpb     7.06E-130     Neutrophils     G0s2     7.00E-124       Ly6clo macrophages     Msrb1     6.57E-127     Neutrophils     Cxcl2     4.22E-116       Ly6clo macrophages     Nr4a1     6.65E-126     Neutrophils     Msrb1     1.36E-57       Ly6clo macrophages     Gngt2     1.72E-117     Neutrophils     II1b     3.03E-47       Ly6clo macrophages     SmpdI3a     1.50E-115     Neutrophils     S100a11     2.10E-38	Ly6clo macrophages	Fabp4	9.84E-246	Neutrophils	Slpi	6.02E-283
Ly6clo macrophages     Treml4     1.63E-216     Neutrophils     \$100a8     1.07E-206       Ly6clo macrophages     Pglyrp1     8.26E-167     Neutrophils     Hp     1.90E-144       Ly6clo macrophages     Cebpb     7.06E-130     Neutrophils     G0s2     7.00E-124       Ly6clo macrophages     Msrb1     6.57E-127     Neutrophils     Cxcl2     4.22E-116       Ly6clo macrophages     Nr4a1     6.65E-126     Neutrophils     Msrb1     1.36E-57       Ly6clo macrophages     Gngt2     1.72E-117     Neutrophils     II1b     3.03E-47       Ly6clo macrophages     SmpdI3a     1.50E-115     Neutrophils     S100a11     2.10E-38	Ly6clo macrophages	Eno3	8.06E-228	Neutrophils	S100a9	3.84E-209
Ly6clo macrophagesPglyrp18.26E-167NeutrophilsHp1.90E-144Ly6clo macrophagesCebpb7.06E-130NeutrophilsG0s27.00E-124Ly6clo macrophagesMsrb16.57E-127NeutrophilsCxcl24.22E-116Ly6clo macrophagesNr4a16.65E-126NeutrophilsMsrb11.36E-57Ly6clo macrophagesGngt21.72E-117NeutrophilsII1b3.03E-47Ly6clo macrophagesSmpdI3a1.50E-115NeutrophilsS100a112.10E-38	Ly6clo macrophages	Treml4	1.63E-216	Neutrophils	S100a8	1.07E-206
Ly6clo macrophagesCebpb7.06E-130NeutrophilsG0s27.00E-124Ly6clo macrophagesMsrb16.57E-127NeutrophilsCxcl24.22E-116Ly6clo macrophagesNr4a16.65E-126NeutrophilsMsrb11.36E-57Ly6clo macrophagesGngt21.72E-117NeutrophilsII1b3.03E-47Ly6clo macrophagesSmpdI3a1.50E-115NeutrophilsS100a112.10E-38	Ly6clo macrophages	Pglyrp1	8.26E-167	Neutrophils	Нр	1.90E-144
Ly6clo macrophagesMsrb16.57E-127NeutrophilsCxcl24.22E-116Ly6clo macrophagesNr4a16.65E-126NeutrophilsMsrb11.36E-57Ly6clo macrophagesGngt21.72E-117NeutrophilsII1b3.03E-47Ly6clo macrophagesSmpdI3a1.50E-115NeutrophilsS100a112.10E-38	Ly6clo macrophages	Cebpb	7.06E-130	Neutrophils	G0s2	7.00E-124
Ly6clo macrophagesNr4a16.65E-126NeutrophilsMsrb11.36E-57Ly6clo macrophagesGngt21.72E-117NeutrophilsII1b3.03E-47Ly6clo macrophagesSmpdI3a1.50E-115NeutrophilsS100a112.10E-38	Ly6clo macrophages	Msrb1	6.57E-127	Neutrophils	Cxcl2	4.22E-116
Ly6clo macrophagesGngt21.72E-117NeutrophilsII1b3.03E-47Ly6clo macrophagesSmpdI3a1.50E-115NeutrophilsS100a112.10E-38	Ly6clo macrophages	Nr4a1	6.65E-126	Neutrophils	Msrb1	1.36E-57
Ly6clo macrophages Smpdl3a 1.50E-115 Neutrophils S100a11 2.10E-38	Ly6clo macrophages	Gngt2	1.72E-117	Neutrophils	ll1b	3.03E-47
	Ly6clo macrophages	Smpdl3a	1.50E-115	Neutrophils	S100a11	2.10E-38

# Supplementary Table 3

Infiltrating I	macrophage	Resident macrophage			
Cell number	Reads	Cell number	Reads		
R1_C12	1,492,862	R2_C03	2,134,946		
R1_C15	2,227,789	R2_C05	2,303,807		
R1_C16	6,460,052	R2_C06	738,061		
R1_C23	1,050,069	R2_C10	159,872		
R1_C24	2,596,836	R2_C12	253,938		
R1_C25	3,425,398	R2_C13	3,578,235		
R1_C32	3,406,075	R2_C14	2,304,633		
R1_C34	3,262,353	R2_C21	2,807,416		
R1_C38	1,247,509	R2_C23	3,143,572		
R1_C40	258,583	R2_C28	1,657,015		
R1_C52	3,180,335	R2_C30	1,896,495		
R1_C53	1,822,262	R2_C32	476,005		
R1_C54	2,280,668	R2_C34	4,799,911		
R1_C55	2,294,715	R2_C36	4,347,918		
R1_C56	3,071,868	R2_C39	1,542,320		
R1_C58	4,297,437	R2_C42	2,068,422		
R1_C60	3,016,114	R2_C46	1,865,383		
R1_C63	3,895,750	R2_C47	1,067,191		
R1_C65	1,038,025	R2_C53	91,473		
R1_C69	653,524	R2_C55	4,186,470		
R1_C70	4,737,539	R2_C56	2,602,547		
R1_C71	2,564,324	R2_C60	183,934		
R1_C77	216,424	R2_C61	4,719,640		
R1_C78	2,581,007	R2_C64	1,628,547		
R1_C81	9,560	R2_C73	1,259,852		
R1_C83	3,635,582	R2_C74	3,947,573		
R1_C84	2,171,672	R2_C78	4,059,899		
R1_C85	644,928	R2_C79	1,172,156		
R1_C87	2,828,777	R2_C80	1,811,933		
R1_C90	3,485,523	R2_C81	206,613		
R1_C91	1,703,711	R2_C82	6,985,563		
R1_C93	941,270	R2_C84	2,860,895		
R1_C95	2,109,498	R2_C90	1,543,593		
		R2_C91	2,093,469		
		R2_C92	2,839,715		
		R2_C93	2,515,540		

**Figure S1.** tSNE projection and violin plot showing expression of *Cd79a* in mouse renal innate immune cells.

**Figure S2** Gating strategy used to isolate infiltrating and resident macrophages based on the canonical Cd11b and F/480 approach. Infiltrating and resident macrophages were collected and subjected to C1 Fluidigm single cell RNA sequencing.

**Figure S3** tSNE projections and violin plots showing a top DEG that was used to identify (**A**) neutrophils (*S100a8*), (**B**) NK cells (*Nkg7*), (**C**) innate lymphoid cells (ILCs, *Cxcr6*), (**D**) infiltrating macrophages (*Irf7, Cebpb*), (**E**) and dendritic cells (*Naaa, Clec10a*) in single cell data from a rat kidney.

**Figure S4** tSNE projections and violin plots showing a top DEG that was used to identify (**A**) neutrophils (*S100A8*), (**B**) NK cells (*NKG7*), (**C**) innate lymphoid cells (ILCs, *CXCR6*), (**D**) infiltrating macrophages (*IRF7, CEBPB*), and (**E**) dendritic cells (*NAAA*) in single cell data from a pig kidney. Unfortunately, the *Clec10a* orthologue has not been identified in the pig.

**Figure S5** tSNE projections and violin plots showing a top DEG that was used to identify (**A**) neutrophils (*S100A8*), (**B**) NK cells (*NKG7*), (**C**) innate lymphoid cells (ILCs, *CXCR6*), (**D**) infiltrating macrophages (*IRF7, CEBPB*), (**E**) and dendritic cells (*NAAA, CLEC10A*) in single cell data from a human kidney.

**Figure S6** Heat map of top 100 DEGs in lineage negative CD45<sup>+</sup> innate immune cells from human kidney tissue identified using Fluidigm C1 single cell RNA sequencing.

**Figure S7** Gating strategy used to identify resident macrophages in multiple species using CD74 and CD81 antibodies.

**Figure S8** Quantification of the percent chimerism of B/T cells, infiltrating monocytes/macrophages, and neutrophils in the blood of mice undergoing parabiosis. \*\*\*\* P<0.0001.













Figure S4



#### Figure S5















10<sup>5</sup>

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